AIM

Association for Information and Image Management

1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910

301/587-8202

Centimeter

Inches

MANUFACTURED TO AIM STANDARDS
BY APPLIED IMAGE, INC.

1 of 2

NRTSC
NUCLEAR REACTOR TECHNOLOGY
AND SCIENTIFIC COMPUTATIONS

WSRC-TR-93-683

KEYWORDS:
ONSET OF FLOW INSTABILITY
ONSET OF SIGNIFICANT VOID
DEMAND CURVES
LOSS OF COOLANT ACCIDENT
CU-HTRF-T4

RETENTION:
PERMANENT

COLUMBIA UNIVERSITY FLOW INSTABILITY
EXPERIMENTAL PROGRAM, VOLUME 2
SINGLE TUBE UNIFORMLY HEATED TESTS, PART II,
UNCERTAINTY ANALYSIS AND DATA (U)

by
T. DOUGHERTY, C. MACIUCA, E. V. MCASSEY, JR.,
D. G. REDDY, AND B. W. YANG

MAY, 1990

3/28/94
Authorized Derivative Classifier/
Reviewing Official

SRTC SAVANNAH RIVER TECHNOLOGY CENTER, AIKEN, SC 29808
Westinghouse Savannah River Corporation
Prepared for the U.S. Department of Energy under
Contract DE-AC09-89SR18035

MASTER

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

Document: WSRC-TR-93-683
Title: COLUMBIA UNIVERSITY FLOW INSTABILITY
EXPERIMENTAL PROGRAM, VOLUME 2, SINGLE
TUBE UNIFORMLY HEATED TESTS, PART II,
UNCERTAINTY ANALYSIS AND DATA U)
Task: 92-033-1
Task title: COLUMBIA UNIVERSITY FLOW INSTABILITY
EXPERIMENTAL PROGRAM

Approvals

4/12/94

D. R. Muhlbaier, Responsible Manager Date:

4/6/94

A. J. Garrett, Level 3 Manager Date:

SRTC Perspective

D. A. Coutts

Senior Engineer

The coolant in the Savannah River Site (SRS) production nuclear reactor assemblies is circulated as a subcooled liquid under normal operating conditions. This coolant is evenly distributed throughout multiple annular flow channels with a uniform pressure profile across each coolant flow channel. During the postulated Loss of Coolant Accident (LOCA), which is initiated by a hypothetical guillotine pipe break, the coolant flow through the reactor assemblies is significantly reduced. The flow reduction and accompanying power reduction (after shutdown is initiated) occur in the first 1 to 2 seconds of the LOCA. This portion of the LOCA is referred to as the Flow Instability (FI) phase [1].

The reactor assemblies are subject to a type of FI known as a Ledinegg flow excursion. This type of instability is common in low pressure subcooled flow channels that exhibit a demand curve with a negative sloped region and a relative maximum and minimum as shown in Figure 1. The relative minimum is the result of the flow acceleration created by the change in fluid density, and an increase in the frictional pressure loss created by vapor nucleating on the heater surface and effectively increasing the flow channel roughness. The postulated LOCA can initiate such a flow excursion.

Assembly power limits are calculated for LOCA conditions using the FLOWTRAN-FI code. The code calculates a dimensionless ratio known as the Stanton number at each axial position in the channel through the course of the transient. This Stanton number was introduced by Saha and Zuber [2] to describe the Onset of Significant Void (OSV) in channels where subcooled nucleate boiling is present.

$$(1) \quad St = \frac{\phi}{Gc_p(T_{sat} - T_b)}$$

where:

ϕ = local heat flux
 G = mass velocity
 c_p = liquid specific heat
 T_{sat} = saturation temperature
 T_b = bulk liquid temperature

The Stanton number will vary both with time and position in the assembly. The reactor operating power is limited to preclude Stanton numbers in excess of 0.00455 during the LOCA. This value is 70 percent of the 0.065 value proposed by Saha and Zuber (2). This difference is a safety margin that accounts for data and calculation uncertainties.

Equation 1 was developed with data where the Peclet number did not exceed 400,000. The Peclet numbers in the SRS reactors can be an order of magnitude higher than this. To evaluate the suitability of the above described criteria additional test data at high Peclet numbers was required. Columbia University was tasked (AX-1811457) with obtaining this data. In addition Columbia University obtained data to evaluate the effect of spacer ribs in a concentric annulus.

This is one of a series of reports that documents the testing effort by Columbia University. Table 1 provides of the WSRC technical report volumes. The volumes which contain a hard copy version of the data files are also listed. The electronic media that contain the data have been stored as part of the Thermal-Fluids Laboratory (TFL), Building 786-A electronic records.

References

1. *Action Plan to Upgrade Thermal-Hydraulic Limits for Savannah River Site Production Reactors (U)*. 30 June 1989. WSRC-RP-89-373.
2. Saha, P., and N. Zuber, 1974, Point of Net Vapor Generation and Vapor Void Fraction in Subcooled Boiling. In *Proceedings of the 5th International Heat Transfer Conference, Tokyo, Japan, September 3-7, 1974*, 175-79.

Figure 1. Demand curves for subcooled isothermal and diabatic systems

Table 1.--Columbia University Onset of Flow Instability Experimental Program Technical Reports

Volume	WSRC document number	Authors	Sub-Title	Columbia University document number	Date prepared
1	WSRC-TR-93-682	Dougherty, et al.	Single Tube Uniformly Heated Tests, Part I, Technical Discussion	CU-HTRF-T4	January 1990
2	WSRC-TR-93-683	Dougherty, et al.	Single Tube Uniformly Heated Tests, Part II, Uncertainty Analysis and Data	CU-HTRF-T4	May 1990
3	WSRC-TR-93-684	Dougherty, et al.	Single Tube, Parallel Flow Tests	CU-HTRF-T6	June 1990
4	WSRC-TR-93-685	Dougherty, et al.	Single Tube, Non-Uniformly Heated Tube Tests	CU-HTRF-T5	October 1990
5	WSRC-TR-93-686	Carrano, et al.	Single Annulus Tests, Steady State Test Program	CU-HTRF-T3A	July 1991
6	WSRC-TR-93-687	Carrano, et al.	Single Annulus Tests, Transient Test Program	CU-HTRF-T3B	September 1992
7	WSRC-TR-93-688	Carrano, et al.	Single Tube Tests, Critical Heat Flux Test Program	CU-HTRF-T8	September 1992
8	WSRC-TR-93-659	Yang	Single Annulus Tests, Final Report	CU-HTRF-05-92	December 1992
9	WSRC-TR-93-690	Coutts	Single Tube Test Program Demand Curve Data Tables	...	September 1993
10	WSRC-TR-93-691	Coutts	Critical Heat Flux Test Program Data Tables	...	September 1993
11	WSRC-TR-93-692	Coutts	Single Annulus Steady State Test Program Data Tables	...	September 1993
12	WSRC-TR-93-693	Coutts	Single Annulus Transient Test Program Data Tables, Part I	...	September 1993
13	WSRC-TR-93-694	Coutts	Single Annulus Transient Test Program Data Tables, Part II	...	September 1993
14	WSRC-TR-93-695	Coutts	Single Annulus Transient Test Program Data Tables, Part III	...	September 1993

CU-HTRF-T4
CU-90-03
Revised

**WESTINGHOUSE SAVANNAH RIVER COMPANY
FLOW EXCURSION EXPERIMENTAL PROGRAM
SINGLE TUBE UNIFORMLY HEATED TESTS**

**PART II - Uncertainty Analysis and Data
May 1990**

**Heat Transfer Research Facility
Columbia University
New York City, NY**

NOTICE

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, or their employees, make any warranty, expressed or implied, or assumes any legal liability or responsibility for any third party's use, or the results of such use, of any information, apparatus, product or process disclosed in this report, or represents that its use by such third party would not infringe privately owned rights.

**FLOW EXCURSION EXPERIMENTAL PROGRAM
SINGLE TUBE UNIFORMLY HEATED TESTS**

SUBCONTRACT AX-721092

REPORT No. CU-HTRF-T4

MAY 1990

**COLUMBIA UNIVERSITY
Heat Transfer Research Facility
Department of Chemical Engineering
New York, NY 10027**

Principal Investigators

**H. Y. Cheh
C. F. Fighetti**

Prepared by

**T. Dougherty
C. Maciuca
E. V. McAssey Jr.
D. G. Reddy
B. W. Yang**

Prepared for

Westinghouse Savannah River Company

**Project Manager
Z. Qureshi**

ACKNOWLEDGMENTS

Many individuals and organizations have contributed to the overall effort of designing and constructing the flow loop and test section. Some of the individuals that were directly responsible for obtaining the flow instability data presented in this report are acknowledged below.

We would like to express our appreciation to our colleagues at the Heat Transfer Research Facility of Columbia University for their continued interest and support throughout this project, especially to Messrs V. Carrano and W. Hovemeyer for the design and maintenance of the electrical system and instrumentation; Messrs S. Kokolis, A. Kaam, Ms. A. Girshovich for the mechanical design of the test sections and flow loop. We would also like to acknowledge Mr. J. Dechert and the machine shop personnel. In addition, we appreciate the important contribution of Mr. J. Zimmerman and the electrical shop personnel.

We are grateful to our sponsor, in particular Dr. Zafar Qureshi for his technical advice and direction.

ABSTRACT

This report presents all the experimental data obtained for the uniformly heated single tube test program. In addition, a more detailed explanation of the uncertainty analysis used in part I has been included.

TABLE OF CONTENTS

1. INTRODUCTION

1.1 Background	1.1
----------------	-----

2. ERROR AND UNCERTAINTY ANALYSIS

2.1 Measurement Uncertainty Analysis	2.1
2.2 Instrumentation Uncertainties	2.1
2.2.1 Turbine Flowmeter	2.1
2.2.2 Temperature Measurement	2.2
2.2.3 Pressure Transducers	2.2
2.2.4 Power Measurement	2.2
2.3 Data Acquisition Line Uncertainties	2.3
2.4 Data Acquisition Multiplexer Digitizer Uncertainties	2.3
2.5 Overall Measurement Uncertainties	2.3
2.5.1 Uncertainty in Absolute Pressure Measurement	2.4
2.5.2 Uncertainty in Differential Pressure Measurement	2.5
2.5.3 Uncertainty in Temperature Measurement	2.5
2.5.4 Uncertainty in Flowrate Using Turbine Flowmeter	2.6
2.5.5 Uncertainty in Test Voltage Measurement	2.6
2.5.6 Uncertainty in Test Section Current Measurement	2.7
2.5.7 Uncertainty in Test Section Dimensional Measurement	2.8

3. DATA DESCRIPTION

3.1 Primary Instrumentation and Ranges	3.2
3.2 Loop Configuration	3.12
3.3 Programming Sheets	3.17
3.4 Data	3.18

1. INTRODUCTION

1.1 Background

In June 1988, Savannah River Laboratory requested that the Heat Transfer Research Facility modify the flow excursion program, which had been in progress since November 1987, to include testing of single tubes in vertical down-flow over a range of length to diameter (L/D) ratios of 100 to 500. The impetus for the request was the desire to obtain experimental data as quickly as possible for code development work. In July 1988, HTRF submitted a proposal to SRL indicating that by modifying a facility already under construction the data could be obtained within three to four months.

In January 1990, HTRF issued report CU-HTRF-T4, part I. This report contained the technical discussion of the results from the single tube uniformly heated tests. The present report is part II of CU-HTRF-T4 which contains further discussion of the uncertainty analysis and the complete set of data.

2. ERROR AND UNCERTAINTY ANALYSIS

The errors attributed to the measurement can be categorized into three main sources; namely, the errors due to installation procedures, the instrument errors, and the errors derived from the measurement data acquisition system. Since most of the installation errors in these tests existed systematically as a fixed deviation, this type of error can be corrected prior to the determination of the measurement uncertainties (see part I of CU-HTRF-T4 report for the discussion of the installation error).

2.1 MEASUREMENT UNCERTAINTY ANALYSIS

The measurement uncertainties of these thermal hydraulic data can be conveniently categorized as instrumentation uncertainty, uncertainty of the data acquisition line, and the uncertainty due to the multiplexer digitizer.

2.2 INSTRUMENTATION UNCERTAINTIES

Each instrument used in the tests has been calibrated prior to installation. In addition, all instruments used to provide data necessary for test data analysis have been calibrated and certified to an NIST standard. Instruments which were used as backup to check the functioning of a primary instrument have been calibrated and are traceable to a NIST standard but may not have traceability certification.

The instrumentation uncertainties include instrument calibration, the effects of repeatability, hysteresis, linearity, zero shift, and the temperature sensitivity of the instruments themselves as well as the excitation uncertainty for the absolute and differential pressure transducers, the uncertainty of the Anadex frequency to DC voltage convertor, and the uncertainty of the Rosemont bridge for the RTDs.

2.2.1 Turbine Flowmeter

The turbine flowmeter with size larger or equal to one inch were calibrated by the manufacturer using "master meter loop" method. The small size flowmeters (less than one inch) were calibrated using "weight measurement" procedure.

The uncertainties attribute to the turbine flowmeter itself are mainly the repeatability and the linearity. The repeatability was certified as 0.1% of full scale.

The linearity was provided by the manufacturer with maximum percentage of deviation from the average K-Factor as 0.5% of reading. For the primary flow measurement, 0.5 % of full scale was taken conservatively as two standard deviation (STD) for the uncertainty calculation. The Anadex frequency convertors were calibrated daily and the uncertainty of the converter is 0.03% which is the root-sum-square (RSS) of the linearity (0.025%) and the short term stability (0.02%) as stated by the manufacturer. The total instrument uncertainty of the flowmeter and frequency convertor was calculated using Kline and McClintock method, root-sum-square (RSS) of the individual error, as 0.5106% of full scale.

2.2.2 Temperature Measurement

The RTDs used for the fluid temperature measurement was calibrated with the Rosemont bridge by the manufacturer (Weed Inst.) with special request to have combined accuracy of 0.06% of the full scale (60 to 360°F). The primary RTDs were certified to have accuracy within 0.25°F.

2.2.3 Pressure Transducers (absolute and differential)

The pressure transducers were calibrated by the manufacturers according to the NIST standard dead-weight test procedure.

The absolute pressure transducers and differential pressure transducers provided by Sensotec was calibrated and certified to 0.1% F.S. of overall accuracy. The excitation source for those transducers were calibrated daily with uncertainty of 0.05%. The total RSS error of the transducer and the power source is 0.1118% of full scale.

2.2.4 Power Measurement

The overall power input was calculated from the voltage and current measurements. The current was measured using Ammeter shunts in series with the test section. The high precision D. C. Ammeter shunts were calibrated by the EMPRO company and certified with accuracy 0.1% of reading. The voltage across the test section was measured directly with the voltage dividers. The voltage dividers compose of several precision resistors which were certified by the manufacturer with accuracy 0.05% of reading.

2.3 DATA ACQUISITION LINE UNCERTAINTIES

The uncertainties in the data acquisition system line include errors from various sources such as ripple in the power supplies of the data acquisition system, errors in gain of various amplifiers, and drift due to temperature effects. Detailed descriptions of such errors are discussed in the part I of CU-HTRF-T4 report. The overall line error was estimated by an end-to-end calibration. A known and constant input was provided to each channel of the data acquisition system and the channel's output was recorded to estimate the uncertainties.

2.4 DATA ACQUISITION MULTIPLEXER DIGITIZER UNCERTAINTIES

The error in the multiplexer digitizer was certified by the manufacturer as 0.005V over the 5 volts full scale range.

2.5 OVERALL MEASUREMENT UNCERTAINTIES

This section illustrates the overall uncertainties that have been estimated on the basis of instrumentation uncertainties, data acquisition line uncertainties, and multiplexer digitizer uncertainties. The analysis is in five parts to corresponding to five types of measurements for primary instruments. The number used to illustrate the calculation is just a typical operation condition. Actual measurement range of each instrument for different set of operational condition will be present along with each individual test data.

In combining errors, the basic approach recommended by Kline and McClintock (1953) will be used. The uncertainty interval δR of a dependent variable is given by:

$$\delta R = \text{sqrt}(\sum (\delta r / \delta v_i)^2 \delta v_i^2)$$

Where v1, v2,.....vn are independent variables.

As stated in the part I of CU-HTRF-T4 report, the magnitude of the estimated errors presented here are assumed to be a reasonable approximation of the largest errors possible. More precisely, these errors are assumed to equal to double the standard deviation of that would be computed from a reasonable large sample of data. It should be recalled that 95% of a body of data will fall within two standard deviations of a mean.

2.5.1 Uncertainty in Absolute Pressure Measurement

Total error in pressure measured by absolute pressure transducer consists of:

- a) Accuracy of the instrument and excitation voltage stated by the manufacturer as 0.112% of full scale (200 psi).
- b) Error in the line from the source to the multiplexer digitizer. This was measured to be 0.304% of the reading.
- c) Error in the multiplexer digitizer (0.005 V)

The following table presents the uncertainty in absolute pressure measurement:

Abs. Pres. Psi	Signal Voltage volt	Instrument Error psi	Line Error psi	Digitizer Error psi	Total Error psi
20	0.5	0.224	0.061	0.200	0.31
50	1.25	0.224	0.152	0.200	0.34

2.5.2 Uncertainty in Differential Pressure Measurement

Total error in pressure measured by differential pressure transducer consists of:

- a) Accuracy of the instrument and excitation voltage stated by the manufacturer as 0.112% of full scale.
- b) Error in the line from the source to the multiplexer digitizer measured to be 0.304% of the signal.
- c) Error in the multiplexer digitizer (0.005 V).

The following table presents the uncertainty in the differential pressure measurement:

Press. Drop Psi	Signal Voltage Volt	Instrument Error Psi	Line Error Psi	Digitizing Error Psi	Total Error Psi
20	5.00	0.022	0.061	0.020	0.07
10	2.50	0.022	0.030	0.020	0.04
5	1.25	0.022	0.015	0.020	0.03
2	0.50	0.022	0.006	0.020	0.03

2.5.3 Uncertainty in Temperature Measurement

Total error in temperature measured by RTD consists of:

- a) Accuracy of the instrument and Rosemont bridge stated by the manufacturer as 0.25 Deg. F.
- b) Error in the line from the Rosemont bridge to the multiplexer digitizer measured to be 0.005% of the reading.
- c) Error in the multiplexer digitizer (0.005 V).

The following table presents the uncertainty in temperature measurement:

Temp	signal	Instrument	Line	Digitizing	Total
	Voltage	Error	Error	Error	Error
$^{\circ}\text{F}$	Volts	$^{\circ}\text{F}$	$^{\circ}\text{F}$	$^{\circ}\text{F}$	$^{\circ}\text{F}$
70	0.70	0.250	0.004	0.500	0.56
120	1.20	0.250	0.006	0.500	0.56
200	2.00	0.250	0.010	0.500	0.56
300	3.00	0.250	0.015	0.500	0.56

2.5.4 Uncertainty in Flowrate Using Turbine Flow Meter

Total error in flow rate measured by turbine flow meter consists of:

- a) Accuracy of the instrument and Anadex frequency converter stated by the manufacturer as 0.5106% of full scale (60 GPM).
- b) Error in the line from the Anadex output to the multiplexer digitizer measured to be 0.200% of the reading.
- c) Error in the multiplexer digitizer (0.005 V).

Flow	Signal	Instrument	Line	Digitizing	Total
Rate	Voltage	Error	Error	Error	Error
GPM	Volts	GPM	GPM	GPM	GPM
36	3.00	0.306	0.072	0.060	0.32
20	1.67	0.306	0.040	0.060	0.31
10	0.83	0.306	0.020	0.060	0.31
5	0.42	0.306	0.010	0.060	0.31

2.5.5 Uncertainty in Test Voltage Measurement

Total error in test section voltage measurement consists of:

- a) Accuracy of the voltage divider stated by the manufacturer as 0.050% of

the reading.

b) Error in the line from the source to the multiplexer digitizer measured to be 0.304% of the reading.

c) Error in the multiplexer digitizer (0.005 V).

The following table presents the uncertainty in voltage measurement:

T.S. voltage Volts	Signal Voltage Volts	Instrument Error Volts	Line Error Volts	Digitizing Error Volts	Total Error Volts
160	4.00	0.080	0.486	0.200	0.53
80	2.00	0.040	0.243	0.200	0.32
40	1.00	0.020	0.122	0.200	0.23

2.5.6 Uncertainty in Test Section Current Measurement

Total error in test section current measurement consists of:

a) Accuracy of the shunt stated by the manufacturer as 0.100% of the reading.

b) Error in the line from the source to the multiplexer digitizer measured to be 0.304% of the reading.

c) Error in the multiplexer digitizer (0.005 V).

The following table presents the uncertainty in the current measurement:

T.S. Current Amps	Signal Voltage Volts	Instrument Error Amps	Line Error Amps	Digitizing Error Amps	Total Error Amps
10000	2.50	10	30	20	38
5000	2.50	3	15	10	18
2000	1.25	1	6	8	10

2.5.7 Uncertainty in Test Section Dimensional Measurements

The total error in the measurement of the test section dimension depends upon the measurement technique used. This error represents the resolution of the measurement instrument. For several test sections, the test section inside diameter was measured using go no-go gages. In these cases, the error is one half of the difference between the go gage and the no-go gage. The following presents the uncertainty in the dimensional measurements.

Test Section	ID	Heated Length	Pressure Tap Separation
	inches	inches	inches
ST-1	0.005	0.038	0.058
ST-2	0.005	0.038	0.058
ST-3	0.005	0.038	0.058
ST-2.1	0.005	0.038	0.058
ST-4	0.005	0.038	0.058
ST-5	0.0015	0.038	0.058
ST-6	0.0045	0.038	0.058
ST-7	0.005	0.038	0.058
ST-8	0.005	0.038	0.058
ST-9	0.0015	0.038	0.058

3. DATA DESCRIPTION

The following sections presents all the key information relative to the data for the uniformly heated tubes.

3.1 Primary Instrumentation and Ranges

SRL - UNIFORMLY HEATED SINGLE TUBE TEST

PRIMARY INSTRUMENTATION LIST

TEST NO: ST-2

RUN NO: 113-301

SYMBOL	INSTRUMENT SENSOR	MEASUREMENT	RANGE FULL SCALE
Volt TS	Voltage	Test section voltage	N/A
Curr TS	Current (shunt)	Test section current	N/A
PT11	Absolute pressure transducer	Inlet pressure	200 psi
PTO1	Absolute pressure transducer	Outlet pressure	200 psi
DT1	Differential pressure transducer	Test section pressure drop	10 psi
FT12	Turbine flowmeter	Test section flowrate	60 gpm
RT11	RTD	Inlet temperature	60 F to 360 F
RTO1	RTD	Exit temperature	60 F to 360 F

SRL - UNIFORMLY HEATED SINGLE TUBE TEST

PRIMARY INSTRUMENTATION LIST

TEST NO: ST-3

RUN NO: 302-597

SYMBOL	INSTRUMENT SENSOR	MEASUREMENT	RANGE FULL SCALE
Volt TS	Voltage	Test section voltage	N/A
Curr TS	Current (shunt)	Test section current	N/A
PTI1	Absolute pressure transducer	Inlet pressure	200 psi
PTO1	Absolute pressure transducer	Outlet pressure	200 psi
DT1	Differential pressure transducer	Test section pressure drop	10 psi
FTI2	Turbine flowmeter	Test section flowrate	60 gpm
RTI1	RTD	Inlet temperature	60 F to 360 F
RTO1	RTD	Exit temperature	60 F to 360 F

SRL - UNIFORMLY HEATED SINGLE TUBE TEST

PRIMARY INSTRUMENTATION LIST

TEST NO: ST-2-1

RUN NO: 598-820

SYMBOL	INSTRUMENT SENSOR	MEASUREMENT	RANGE FULL SCALE
Volt TS	Voltage	Test section voltage	N/A
Curr TS	Current (shunt)	Test section current	N/A
PTI1	Absolute pressure transducer	Inlet pressure	200 psi
PTO1	Absolute pressure transducer	Outlet pressure	200 psi
DT1	Differential pressure transducer	Test section pressure drop	10 psi
FTI2	Turbine flowmeter	Test section flowrate	60 gpm
RTI1	RTD	Inlet temperature	60 F to 360 F
RTO1	RTD	Exit temperature	60 F to 360 F

SRL - UNIFORMLY HEATED SINGLE TUBE TEST

PRIMARY INSTRUMENTATION LIST

TEST NO: ST-4

RUN NO: 821-1100

SYMBOL	INSTRUMENT SENSOR	MEASUREMENT	RANGE FULL SCALE
Volt TS	Voltage	Test section voltage	N/A
Curr TS	Current (shunt)	Test section current	N/A
PT11	Absolute pressure transducer	Inlet pressure	200 psi
PTO1	Absolute pressure transducer	Outlet pressure	200 psi
DT1	Differential pressure transducer	Test section pressure drop	15psi
FT12	Turbine flowmeter	Test section flowrate	60 gpm
RT11	RTD	Inlet temperature	60 F to 360 F
RTO1	RTD	Exit temperature	60 F to 360 F

SRL - UNIFORMLY HEATED SINGLE TUBE TEST

PRIMARY INSTRUMENTATION LIST

TEST NO: ST-5

RUN NO: 1101-1154

SYMBOL	INSTRUMENT SENSOR	MEASUREMENT	RANGE FULL SCALE
Volt TS	Voltage	Test section voltage	N/A
Curr TS	Current (shunt)	Test section current	N/A
PTI1	Absolute pressure transducer	Inlet pressure	200 psi
PTO1	Absolute pressure transducer	Outlet pressure	200 psi
DT1	Differential pressure transducer	Test section pressure drop	200psi
FTI2	Turbine flowmeter	Test section flowrate	30gpm
RTI1	RTD	Inlet temperature	60 F to 360 F
RTO1	RTD	Exit temperature	60 F to 360 F

SRL - UNIFORMLY HEATED SINGLE TUBE TEST

PRIMARY INSTRUMENTATION LIST

TEST NO: ST-6

RUN NO: 1155-1453

SYMBOL	INSTRUMENT SENSOR	MEASUREMENT	RANGE FULL SCALE
Volt TS	Voltage	Test section voltage	N/A
Curr TS	Current (shunt)	Test section current	N/A
PT11	Absolute pressure transducer	Inlet pressure	200 psi
PTO1	Absolute pressure transducer	Outlet pressure	200 psi
DT2	Differential pressure transducer	Test section pressure drop	5psi
FT12	Turbine flowmeter	Test section flowrate	60gpm
RT11	RTD	Inlet temperature	60 F to 360 F
RTO1	RTD	Exit temperature	60 F to 360 F

SRL - UNIFORMLY HEATED SINGLE TUBE TEST

PRIMARY INSTRUMENTATION LIST

TEST NO: ST-7

RUN NO: 1489-1609

SYMBOL	INSTRUMENT SENSOR	MEASUREMENT	RANGE FULL SCALE
Volt TS	Voltage	Test section voltage	N/A
Curr TS	Current (shunt)	Test section current	N/A
PTI1	Absolute pressure transducer	Inlet pressure	200 psi
PTO1	Absolute pressure transducer	Outlet pressure	200 psi
DT1	Differential pressure transducer	Test section pressure drop	15 psi
FTI1	Turbine flowmeter	Test section flowrate	60gpm
RTI1	RTD	Inlet temperature	60 F to 360 F
RTO1	RTD	Exit temperature	60 F to 360 F

SRL - UNIFORMLY HEATED SINGLE TUBE TEST

PRIMARY INSTRUMENTATION LIST

TEST NO: ST-8

RUN NO: 1610-1662

SYMBOL	INSTRUMENT SENSOR	MEASUREMENT	RANGE FULL SCALE
Volt TS	Voltage	Test section voltage	N/A
Curr TS	Current (shunt)	Test section current	N/A
PTI1	Absolute pressure transducer	Inlet pressure	200 psi
PTO1	Absolute pressure transducer	Outlet pressure	200 psi
DT1	Differential pressure transducer	Test section pressure drop	15 psi
FTI1	Turbine flowmeter	Test section flowrate	60gpm
RTI1	RTD	Inlet temperature	60 F to 360 F
RTO1	RTD	Exit temperature	60 F to 360 F

SRL - UNIFORMLY HEATED SINGLE TUBE TEST

PRIMARY INSTRUMENTATION LIST

TEST NO: ST-9

RUN NO: 1663-1852

SYMBOL	INSTRUMENT SENSOR	MEASUREMENT	RANGE FULL SCALE
Volt TS	Voltage	Test section voltage	N/A
Curr TS	Current (shunt)	Test section current	N/A
PTI1	Absolute pressure transducer	Inlet pressure	200 psi
PTO1	Absolute pressure transducer	Outlet pressure	200 psi
DT1	Differential pressure transducer	Test section pressure drop	**
FTI1	Turbine flowmeter	Test section flowrate	60gpm
RTI1	RTD	Inlet temperature	60 F to 360 F
RTO1	RTD	Exit temperature	60 F to 360 F

RUN NO. 1663-1746, 1822-1852

RUN NO. 1747-1821

DT1 full scale = 20 psi

DT1 full scale = 60 psi

3.2 Loop Configuration

During the course of the test program, the loop configuration was modified to meet test requirements. The following table relates the loop configuration to a set of test runs.

Run Number	Figure Number
113-301	3.1
302-597	3.2
598-820	3.2
821-1100	3.2
1155-1453	3.2
1489-1609	3.3
1663-1797	3.4

DATE	SIC	REVISION RECORD	DATE	BY	CHK

TOLERANCES (except as noted)			
DECIMAL	SRL PROJECT	SCALE	DRAWN BY
FRACTIONAL	TASK 4	MIS	APPROVED BY
TITLE			
Flow Loop for Task 4			
ASSEMBLER	DATE	DRAWING NUMBER	REV.
	11/16/08	DP-2-T4-600-4	0

Figure 3.4

TOLERANCES (EXCEPT AS NOTED)		COLUMBIA UNIVERSITY CHEMICAL ENGINEERING RESEARCH LABORATORIES	
DECIMAL	SRL PROJECT	SCALE	GRADE BY
2	TASK4	NTS	APPROVED BY
FRACTIONAL	TITLE		
2	High Head Pump for Single Tube		
ANALYST	DATE	DESIGN NUMBER	FILE

3.3 Programming Sheets

SRL FLOW INSTABILITY TESTS
TEST NO. 2; RUN NUMBERS 113-301
EACH RUN HAS 64 WORDS IN 8 RECORDS
CARD IMAGE FORMAT (8F10.4)

REC. NO.	WORD NO.	SER. NO.	INSTRU- MENT	PARAMETER	UNITS
1	1	1	RUN	Run Number	
1	2	2	TEST	Test Number	
1	3	3	PTI1	Pressure - Heater Inlet	Psia
1	4	4	PTI2	Pressure - T.S. Inlet	Psia
1	5	5	PTO1	Pressure - Heater Outlet	Psia
1	6	6	PTO2	Pressure - Heater Outlet (Gauge)	Psia
1	7	7	PTO3	Pressure - T.S. Outlet	Psia
1	8	8	DPT1	Pressure Drop - Across Heater	Psi
2	1	9	DPT2	Pressure Drop - Across Heater	Psi
2	2	10	DPT3	Pressure Drop - Across Heater (Manometer)	Psi
2	3	11	FTI1	Flow - T.S. Inlet (Turbine meter) (2")	GPM
2	4	12	FTI2	Flow - T.S. Inlet (Turbine meter) (1")	GPM
2	5	13	FXO1	Flow - HX Outlet (Turbine meter) (2")	GPM
2	6	14	FXO2	Flow - HX Outlet (Turbine meter) (3/4")	GPM
2	7	15	FMO1	Flow - Mixer Outlet (Turbine meter) (2")	GPM
2	8	16	FMO2	Flow - Mixer Outlet (Turbine meter) (1")	GPM
3	1	17	OTI1	Flow - T.S. Inlet (Orifice Meter)	GPM
3	2	18	TRTI1	Temperature (RTD) - T.S. Inlet	Degrees F
3	3	19	TRTO1	Temperature (RTD) - T.S. Outlet	Degrees F
3	4	20	TJT11	Temperature (T/C) - T.S. Inlet	Degrees F
3	5	21	TJXO1	Temperature (T/C) - HX Outlet	Degrees F
3	6	22	TJTO1	Temperature (T/C) - T.S. Outlet	Degrees F
3	7	23	BLANK		
3	8	24	BLANK		
4	1	25	TEW95W	Wall Temperature - Position 1	Degrees F
4	2	26	TEW95E	Wall Temperature - Position 2	Degrees F
4	3	27	TEW84N	Wall Temperature - Position 3	Degrees F
4	4	28	TEW84S	Wall Temperature - Position 4	Degrees F
4	5	29	TEW72W	Wall Temperature - Position 5	Degrees F
4	6	30	TEW72E	Wall Temperature - Position 6	Degrees F
4	7	31	TEW60N	Wall Temperature - Position 7	Degrees F
4	8	32	TEW60S	Wall Temperature - Position 8	Degrees F

SRL FLOW INSTABILITY TESTS

TEST NO. 2; RUN NUMBERS 113-301

EACH RUN HAS 64 WORDS IN 8 RECORDS

CARD IMAGE FORMAT (8F10.4)

REC. NO.	WORD NO.	SER. NO.	INSTRU- MENT	PARAMETER	UNITS
5	1	33	TEW48W	Wall Temperature - Position 9	Degrees F
5	2	34	TEW48E	Wall Temperature - Position 10	Degrees F
5	3	35	TEW36N	Wall Temperature - Position 11	Degrees F
5	4	36	TEW36S	Wall Temperature - Position 12	Degrees F
5	5	37	TEW24W	Wall Temperature - Position 13	Degrees F
5	6	38	TEW24E	Wall Temperature - Position 14	Degrees F
5	7	39	TEW12N	Wall Temperature - Position 15	Degrees F
5	8	40	TEW12S	Wall Temperature - Position 16	Degrees F
6	1	41	TEW01W	Wall Temperature - Position 17	Degrees F
6	2	42	TEW01E	Wall Temperature - Position 18	Degrees F
6	3	43	PWRKW	Power - Heater	KW
6	4	44	HFLX	Heat Flux - Heater	M.Btu/Hr
6	5	45	VOLTB	Voltage - Bus to Bus	Volts
6	6	46	VOLTT	Voltage - Heater	Volts
6	7	47	CURRT	Current - Heater	Amps
6	8	48	QUALITY	Quality - Heater Outlet	(%)
7	1	49	HRATIO	Heat Output / Heat Input Ratio	
7	2	50	BLANK		
7	3	51	BLANK		
7	4	52	BLANK		
7	5	53	BLANK		
7	6	54	BLANK		
7	7	55	BLANK		
7	8	56	ID	Diameter (ID) - Heater	Inches
8	1	57	HL	Heated Length - Heater	Inches
8	2	58	DPL	Distance Between Pressure Taps	Inches
8	3	59	YEAR	Year - Test Date	
8	4	60	MONTH	Month - Test Date	
8	5	61	DAY	Day - Test Date	
8	6	62	HRS	Hour - Test Date	
8	7	63	MIN	Minute - Test Date	
8	8	64	RUN	Run Number	

SRL FLOW INSTABILITY TESTS

TEST NO. 3; RUN NUMBERS 302-597

EACH RUN HAS 64 WORDS IN 8 RECORDS

CARD IMAGE FORMAT (8F10.4)

REC. NO.	WORD NO.	SER. NO.	INSTRU- MENT	PARAMETER	UNITS
1	1	1	RUN	Run Number	
1	2	2	TEST	Test Number	
1	3	3	PTI1	Pressure - Heater Inlet	Psia
1	4	4	PTI2	Pressure - T.S. Inlet	Psia
1	5	5	PTO1	Pressure - Heater Outlet	Psia
1	6	6	PTO2	Pressure - Heater Outlet (Gauge)	Psia
1	7	7	PTO3	Pressure - T.S. Outlet	Psia
1	8	8	DPT1	Pressure Drop - Across Heater	Psi
2	1	9	DPT2	Pressure Drop - Across Heater	Psi
2	2	10	DPT3	Pressure Drop - Across Heater (Manometer)	Psi
2	3	11	FTI1	Flow - T.S. Inlet (Turbine meter) (2")	GPM
2	4	12	FTI2	Flow - T.S. Inlet (Turbine meter) (1")	GPM
2	5	13	FBI1	Flow - Bypass Line (Turbine meter) (2")	GPM
2	6	14	FXO2	Flow - HX Outlet (Turbine meter) (3/4")	GPM
2	7	15	FMO1	Flow - Mixer Outlet (Turbine meter) (2")	GPM
2	8	16	FMO2	Flow - Mixer Outlet (Turbine meter) (1")	GPM
3	1	17	OTI1	Flow - T.S. Inlet (Orifice Meter)	GPM
3	2	18	TRTI1	Temperature (RTD) - T.S. Inlet	Degrees F
3	3	19	TRTO1	Temperature (RTD) - T.S. Outlet	Degrees F
3	4	20	TJT11	Temperature (T/C) - T.S. Inlet	Degrees F
3	5	21	TJT12	Temperature (T/C) - T.S. Inlet	Degrees F
3	6	22	TRTO2	Temperature (RTD) - T.S. Outlet	Degrees F
3	7	23	PPO1	Pressure - Pump Discharge	Psia
3	8	24	PPI1	Pressure - Pump Inlet	Psia
4	1	25	TEW95W	Wall Temperature - Position 1	Degrees F
4	2	26	TEW95E	Wall Temperature - Position 2	Degrees F
4	3	27	TEW84N	Wall Temperature - Position 3	Degrees F
4	4	28	TEW84S	Wall Temperature - Position 4	Degrees F
4	5	29	TEW72W	Wall Temperature - Position 5	Degrees F
4	6	30	TEW72E	Wall Temperature - Position 6	Degrees F
4	7	31	TEW60N	Wall Temperature - Position 7	Degrees F
4	8	32	TEW60S	Wall Temperature - Position 8	Degrees F

SRL FLOW INSTABILITY TESTS
TEST NO. 3; RUN NUMBERS 302-597
EACH RUN HAS 64 WORDS IN 8 RECORDS
CARD IMAGE FORMAT (8F10.4)

REC. NO.	WORD NO.	SER. NO.	INSTRU- MENT	PARAMETER	UNITS
5	1	33	TEW48W	Wall Temperature - Position 9	Degrees F
5	2	34	TEW48E	Wall Temperature - Position 10	Degrees F
5	3	35	TEW36N	Wall Temperature - Position 11	Degrees F
5	4	36	TEW36S	Wall Temperature - Position 12	Degrees F
5	5	37	TEW24W	Wall Temperature - Position 13	Degrees F
5	6	38	TEW24E	Wall Temperature - Position 14	Degrees F
5	7	39	TEW12N	Wall Temperature - Position 15	Degrees F
5	8	40	TEW12S	Wall Temperature - Position 16	Degrees F
6	1	41	TEW01W	Wall Temperature - Position 17	Degrees F
6	2	42	TEW01E	Wall Temperature - Position 18	Degrees F
6	3	43	PWRKW	Power - Heater	KW
6	4	44	HFLX	Heat Flux - Heater	M.Btu/Hr
6	5	45	VOLTB	Voltage - Bus to Bus	Volts
6	6	46	VOLTT	Voltage - Heater	Volts
6	7	47	CURRT	Current - Heater	Amps
6	8	48	QUALITY	Quality - Heater Outlet	(%)
7	1	49	HRATIO	Heat Output / Heat Input Ratio	
7	2	50	DPP1	Pressure Difference - Across Pump	Psi
7	3	51	TKW12W	Wall Temperature - Position 19	Degrees F
7	4	52	TKW12E	Wall Temperature - Position 20	Degrees F
7	5	53	TKW01N	Wall Temperature - Position 21	Degrees F
7	6	54	TKW01S	Wall Temperature - Position 22	Degrees F
7	7	55	VTL	Distance Between Voltage Taps	Inches
7	8	56	ID	Diameter (ID) - Heater	Inches
8	1	57	HL	Heated Length - Heater	Inches
8	2	58	DPL	Distance Between Pressure Taps	Inches
8	3	59	YEAR	Year - Test Date	
8	4	60	MONTH	Month - Test Date	
8	5	61	DAY	Day - Test Date	
8	6	62	HRS	Hour - Test Date	
8	7	63	MIN	Minute - Test Date	
8	8	64	RUN	Run Number	

SRL FLOW INSTABILITY TESTS

TEST NO. 2.1; RUN NUMBERS 598-820

EACH RUN HAS 64 WORDS IN 8 RECORDS

CARD IMAGE FORMAT (8F10.4)

REC. NO.	WORD NO.	SER. NO.	INSTRU- MENT	PARAMETER	UNITS
1	1	1	RUN	Run Number	
1	2	2	TEST	Test Number	
1	3	3	PTI1	Pressure - Heater Inlet	Psia
1	4	4	PTI2	Pressure - T.S. Inlet	Psia
1	5	5	PTO1	Pressure - Heater Outlet	Psia
1	6	6	PTO2	Pressure - Heater Outlet (Gauge)	Psia
1	7	7	PTO3	Pressure - T.S. Outlet	Psia
1	8	8	DPT1	Pressure Drop - Across Heater	Psi
2	1	9	DPT2	Pressure Drop - Across Heater	Psi
2	2	10	DPT3	Pressure Drop - Across Heater (Manometer)	Psi
2	3	11	FTI1	Flow - T.S. Inlet (Turbine meter) (2")	GPM
2	4	12	FTI2	Flow - T.S. Inlet (Turbine meter) (1")	GPM
2	5	13	FBI1	Flow - Bypass Line (Turbine meter) (2")	GPM
2	6	14	FXO2	Flow - HX Outlet (Turbine meter) (3/4")	GPM
2	7	15	FMO1	Flow - Mixer Outlet (Turbine meter) (2")	GPM
2	8	16	FMO2	Flow - Mixer Outlet (Turbine meter) (1")	GPM
3	1	17	OTI1	Flow - T.S. Inlet (Orifice Meter)	GPM
3	2	18	TRTI1	Temperature (RTD) - T.S. Inlet	Degrees F
3	3	19	TRTO1	Temperature (RTD) - T.S. Outlet	Degrees F
3	4	20	TJT11	Temperature (T/C) - T.S. Inlet	Degrees F
3	5	21	TJT12	Temperature (T/C) - T.S. Inlet	Degrees F
3	6	22	TRTO2	Temperature (RTD) - T.S. Outlet	Degrees F
3	7	23	PPO1	Pressure - Pump Discharge	Psia
3	8	24	PPI1	Pressure - Pump Inlet	Psia
4	1	25	TEW95W	Wall Temperature - Position 1	Degrees F
4	2	26	TEW95E	Wall Temperature - Position 2	Degrees F
4	3	27	TEW72N	Wall Temperature - Position 3	Degrees F
4	4	28	TEW72S	Wall Temperature - Position 4	Degrees F
4	5	29	TEW48W	Wall Temperature - Position 5	Degrees F
4	6	30	TEW48E	Wall Temperature - Position 6	Degrees F
4	7	31	TEW24N	Wall Temperature - Position 7	Degrees F
4	8	32	TEW24S	Wall Temperature - Position 8	Degrees F

SRL FLOW INSTABILITY TESTS

TEST NO. 2.1; RUN NUMBERS 598-820

EACH RUN HAS 64 WORDS IN 8 RECORDS

CARD IMAGE FORMAT (8F10.4)

REC. NO.	WORD NO.	SER. NO.	INSTRU- MENT	PARAMETER	UNITS
5	1	33	TEW13W	Wall Temperature - Position 9	Degrees F
5	2	34	TEW13E	Wall Temperature - Position 10	Degrees F
5	3	35	TEW10N	Wall Temperature - Position 11	Degrees F
5	4	36	TEW10S	Wall Temperature - Position 12	Degrees F
5	5	37	TEW07W	Wall Temperature - Position 13	Degrees F
5	6	38	TEW07E	Wall Temperature - Position 14	Degrees F
5	7	39	TEW04N	Wall Temperature - Position 15	Degrees F
5	8	40	TEW04S	Wall Temperature - Position 16	Degrees F
6	1	41	TEW01W	Wall Temperature - Position 17	Degrees F
6	2	42	TEW01E	Wall Temperature - Position 18	Degrees F
6	3	43	PWRKW	Power - Heater	KW
6	4	44	HFLX	Heat Flux - Heater	M.Btu/Hr
6	5	45	VOLTB	Voltage - Bus to Bus	Volts
6	6	46	VOLTT	Voltage - Heater	Volts
6	7	47	CURRT	Current - Heater	Amps
6	8	48	QUALITY	Quality - Heater Outlet	(%)
7	1	49	HRATIO	Heat Output / Heat Input Ratio	
7	2	50	DPP1	Pressure Difference - Across Pump	Psi
7	3	51	TKW07N	Wall Temperature - Position 19	Degrees F
7	4	52	TKW01S	Wall Temperature - Position 20	Degrees F
7	5	53	BLANK		
7	6	54	BLANK		
7	7	55	VTL	Distance Between Voltage Taps	Inches
7	8	56	ID	Diameter (ID) - Heater	Inches
8	1	57	HL	Heated Length - Heater	Inches
8	2	58	DPL	Distance Between Pressure Taps	Inches
8	3	59	YEAR	Year - Test Date	
8	4	60	MONTH	Month - Test Date	
8	5	61	DAY	Day - Test Date	
8	6	62	HRS	Hour - Test Date	
8	7	63	MIN	Minute - Test Date	
8	8	64	RUN	Run Number	

SRL FLOW INSTABILITY TESTS
TEST NO. 4; RUN NUMBERS 821-1100
EACH RUN HAS 64 WORDS IN 8 RECORDS
CARD IMAGE FORMAT (8F10.4)

REC. NO.	WORD NO.	SER. NO.	INSTRU- MENT	PARAMETER	UNITS
1	1	1	RUN	Run Number	
1	2	2	TEST	Test Number	
1	3	3	PTI1	Pressure - Heater Inlet	Psia
1	4	4	PTI2	Pressure - T.S. Inlet	Psia
1	5	5	PTO1	Pressure - Heater Outlet	Psia
1	6	6	PTO2	Pressure - Heater Outlet (Gauge)	Psia
1	7	7	PTO3	Pressure - T.S. Outlet	Psia
1	8	8	DPT1	Pressure Drop - Across Heater	Psi
2	1	9	DPT2	Pressure Drop - Across Heater	Psi
2	2	10	DPT3	Pressure Drop - Across Heater (Manometer)	Psi
2	3	11	FTI1	Flow - T.S. Inlet (Turbine meter) (2")	GPM
2	4	12	FTI2	Flow - T.S. Inlet (Turbine meter) (1")	GPM
2	5	13	FBI1	Flow - Bypass Line (Turbine meter) (2")	GPM
2	6	14	FXO2	Flow - HX Outlet (Turbine meter) (3/4")	GPM
2	7	15	FMO1	Flow - Mixer Outlet (Turbine meter) (2")	GPM
2	8	16	FMO2	Flow - Mixer Outlet (Turbine meter) (1")	GPM
3	1	17	OTI1	Flow - T.S. Inlet (Orifice Meter)	GPM
3	2	18	TRTI1	Temperature (RTD) - T.S. Inlet	Degrees F
3	3	19	TRTO1	Temperature (RTD) - T.S. Outlet	Degrees F
3	4	20	TJT11	Temperature (T/C) - T.S. Inlet	Degrees F
3	5	21	TJT12	Temperature (T/C) - T.S. Inlet	Degrees F
3	6	22	TRTO2	Temperature (RTD) - T.S. Outlet	Degrees F
3	7	23	PPO1	Pressure - Pump Discharge	Psia
3	8	24	PPI1	Pressure - Pump Inlet	Psia
4	1	25	TEW95W	Wall Temperature - Position 1	Degrees F
4	2	26	TEW95E	Wall Temperature - Position 2	Degrees F
4	3	27	TEW72N	Wall Temperature - Position 3	Degrees F
4	4	28	TEW72S	Wall Temperature - Position 4	Degrees F
4	5	29	TEW48W	Wall Temperature - Position 5	Degrees F
4	6	30	TEW48E	Wall Temperature - Position 6	Degrees F
4	7	31	TEW24N	Wall Temperature - Position 7	Degrees F
4	8	32	TEW24S	Wall Temperature - Position 8	Degrees F

SRL FLOW INSTABILITY TESTS

TEST NO. 4; RUN NUMBERS 821-1100

EACH RUN HAS 64 WORDS IN 8 RECORDS

CARD IMAGE FORMAT (8F10.4)

REC. NO.	WORD NO.	SER. NO.	INSTRU- MENT	PARAMETER	UNITS
5	1	33	TEW13W	Wall Temperature - Position 9	Degrees F
5	2	34	TEW13E	Wall Temperature - Position 10	Degrees F
5	3	35	TEW10N	Wall Temperature - Position 11	Degrees F
5	4	36	TEW10S	Wall Temperature - Position 12	Degrees F
5	5	37	TEW07W	Wall Temperature - Position 13	Degrees F
5	6	38	TEW07E	Wall Temperature - Position 14	Degrees F
5	7	39	TEW04N	Wall Temperature - Position 15	Degrees F
5	8	40	TEW04S	Wall Temperature - Position 16	Degrees F
6	1	41	TEW01W	Wall Temperature - Position 17	Degrees F
6	2	42	TEW01E	Wall Temperature - Position 18	Degrees F
6	3	43	PWRKW	Power - Heater	KW
6	4	44	HFLX	Heat Flux - Heater	M.Btu/Hr
6	5	45	VOLTB	Voltage - Bus to Bus	Volts
6	6	46	VOLTT	Voltage - Heater	Volts
6	7	47	CURRT	Current - Heater	Amps
6	8	48	QUALITY	Quality - Heater Outlet	(%)
7	1	49	HRATIO	Heat Output / Heat Input Ratio	
7	2	50	DPP1	Pressure Difference - Across Pump	Psi
7	3	51	TEW06S	Wall Temperature - Position 19	Degrees F
7	4	52	TKW07N	Wall Temperature - Position 20	Degrees F
7	5	53	TKW01S	Wall Temperature - Position 21	Degrees F
7	6	54	BLANK		
7	7	55	VTL	Distance Between Voltage Taps	Inches
7	8	56	ID	Diameter (ID) - Heater	Inches
8	1	57	HL	Heated Length - Heater	Inches
8	2	58	DPL	Distance Between Pressure Taps	Inches
8	3	59	YEAR	Year - Test Date	
8	4	60	MONTH	Month - Test Date	
8	5	61	DAY	Day - Test Date	
8	6	62	HRS	Hour - Test Date	
8	7	63	MIN	Minute - Test Date	
8	8	64	RUN	Run Number	

SRL FLOW INSTABILITY TESTS

TEST NO. 5; RUN NUMBERS 1101-1154

EACH RUN HAS 64 WORDS IN 8 RECORDS

CARD IMAGE FORMAT (8F10.4)

REC. NO.	WORD NO.	SER. NO.	INSTRU- MENT	PARAMETER	UNITS
1	1	1	RUN	Run Number	
1	2	2	TEST	Test Number	
1	3	3	PTI1	Pressure - Heater Inlet	Psia
1	4	4	PTI2	Pressure - T.S. Inlet	Psia
1	5	5	PTO1	Pressure - Heater Outlet	Psia
1	6	6	PTO2	Pressure - Heater Outlet (Gauge)	Psia
1	7	7	PTO3	Pressure - T.S. Outlet	Psia
1	8	8	DPT1	Pressure Drop - Across Heater	Psi
2	1	9	DPT2	Pressure Drop - Across Heater	Psi
2	2	10	DPT3	Pressure Drop - Across Heater (Manometer)	Psi
2	3	11	FTI1	Flow - T.S. Inlet (Turbine meter) (2")	GPM
2	4	12	FTI2	Flow - T.S. Inlet (Turbine meter) (1")	GPM
2	5	13	FBI1	Flow - Bypass Line (Turbine meter) (2")	GPM
2	6	14	FXO2	Flow - HX Outlet (Turbine meter) (3/4")	GPM
2	7	15	FMO1	Flow - Mixer Outlet (Turbine meter) (2")	GPM
2	8	16	FMO2	Flow - Mixer Outlet (Turbine meter) (1")	GPM
3	1	17	OTI1	Flow - T.S. Inlet (Orifice Meter)	GPM
3	2	18	TRTI1	Temperature (RTD) - T.S. Inlet	Degrees F
3	3	19	TRTO1	Temperature (RTD) - T.S. Outlet	Degrees F
3	4	20	TJT11	Temperature (T/C) - T.S. Inlet	Degrees F
3	5	21	TRTI2	Temperature (RTD) - T.S. Inlet	Degrees F
3	6	22	TRTO2	Temperature (RTD) - T.S. Outlet	Degrees F
3	7	23	PPO1	Pressure - Pump Discharge	Psia
3	8	24	PPI1	Pressure - Pump Inlet	Psia
4	1	25	TEW95W	Wall Temperature - Position 1	Degrees F
4	2	26	TEW95E	Wall Temperature - Position 2	Degrees F
4	3	27	TEW72N	Wall Temperature - Position 3	Degrees F
4	4	28	TEW72S	Wall Temperature - Position 4	Degrees F
4	5	29	TEW48W	Wall Temperature - Position 5	Degrees F
4	6	30	TEW48E	Wall Temperature - Position 6	Degrees F
4	7	31	TEW24N	Wall Temperature - Position 7	Degrees F
4	8	32	TEW24S	Wall Temperature - Position 8	Degrees F

SRL FLOW INSTABILITY TESTS
TEST NO. 5; RUN NUMBERS 1101-1154
EACH RUN HAS 64 WORDS IN 8 RECORDS
CARD IMAGE FORMAT (8F10.4)

REC. NO.	WORD NO.	SER. NO.	INSTRU- MENT	PARAMETER	UNITS
5	1	33	TEW13W	Wall Temperature - Position 9	Degrees F
5	2	34	TEW13E	Wall Temperature - Position 10	Degrees F
5	3	35	TEW10N	Wall Temperature - Position 11	Degrees F
5	4	36	TEW10S	Wall Temperature - Position 12	Degrees F
5	5	37	TEW07W	Wall Temperature - Position 13	Degrees F
5	6	38	TEW07E	Wall Temperature - Position 14	Degrees F
5	7	39	TEW04N	Wall Temperature - Position 15	Degrees F
5	8	40	TEW04S	Wall Temperature - Position 16	Degrees F
6	1	41	TEW01W	Wall Temperature - Position 17	Degrees F
6	2	42	TEW01E	Wall Temperature - Position 18	Degrees F
6	3	43	PWRKW	Power - Heater	KW
6	4	44	HFLX	Heat Flux - Heater	M.Btu/Hr
6	5	45	VOLTB	Voltage - Bus to Bus	Volts
6	6	46	VOLTT	Voltage - Heater	Volts
6	7	47	CURRT	Current - Heater	Amps
6	8	48	QUALITY	Quality - Heater Outlet	(%)
7	1	49	HRATIO	Heat Output / Heat Input Ratio	
7	2	50	DPP1	Pressure Difference - Across Pump	Psi
7	3	51	BLANK		
7	4	52	TKW07S	Wall Temperature - Position 19	Degrees F
7	5	53	TKW01N	Wall Temperature - Position 20	Degrees F
7	6	54	BLANK		
7	7	55	VTL	Distance Between Voltage Taps	Inches
7	8	56	ID	Diameter (ID) - Heater	Inches
8	1	57	HL	Heated Length - Heater	Inches
8	2	58	DPL	Distance Between Pressure Taps	Inches
8	3	59	YEAR	Year - Test Date	
8	4	60	MONTH	Month - Test Date	
8	5	61	DAY	Day - Test Date	
8	6	62	HRS	Hour - Test Date	
8	7	63	MIN	Minute - Test Date	
8	8	64	RUN	Run Number	

SRL FLOW INSTABILITY TESTS

TEST NO. 6; RUN NUMBERS 1155-1453

EACH RUN HAS 64 WORDS IN 8 RECORDS

CARD IMAGE FORMAT (8F10.4)

REC. NO.	WORD NO.	SER. NO.	INSTRU- MENT	PARAMETER	UNITS
1	1	1	RUN	Run Number	
1	2	2	TEST	Test Number	
1	3	3	PTI1	Pressure - Heater Inlet	Psia
1	4	4	PTI2	Pressure - T.S. Inlet	Psia
1	5	5	PTO1	Pressure - Heater Outlet	Psia
1	6	6	PTO2	Pressure - Heater Outlet (Gauge)	Psia
1	7	7	PTO3	Pressure - T.S. Outlet	Psia
1	8	8	DPT1	Pressure Drop - Across Heater	Psi
2	1	9	DPT2	Pressure Drop - Across Heater	Psi
2	2	10	DPT3	Pressure Drop - Across Heater (Manometer)	Psi
2	3	11	FTI1	Flow - T.S. Inlet (Turbine meter) (2")	GPM
2	4	12	FTI2	Flow - T.S. Inlet (Turbine meter) (1")	GPM
2	5	13	FBI1	Flow - Bypass Line (Turbine meter) (2")	GPM
2	6	14	FXO2	Flow - HX Outlet (Turbine meter) (3/4")	GPM
2	7	15	FMO1	Flow - Mixer Outlet (Turbine meter) (2")	GPM
2	8	16	FMO2	Flow - Mixer Outlet (Turbine meter) (1")	GPM
3	1	17	OTI1	Flow - T.S. Inlet (Orifice Meter)	GPM
3	2	18	TRTI1	Temperature (RTD) - T.S. Inlet	Degrees F
3	3	19	TRTO1	Temperature (RTD) - T.S. Outlet	Degrees F
3	4	20	TJT11	Temperature (T/C) - T.S. Inlet	Degrees F
3	5	21	TRTI2	Temperature (RTD) - T.S. Inlet	Degrees F
3	6	22	TRTO2	Temperature (RTD) - T.S. Outlet	Degrees F
3	7	23	PPO1	Pressure - Pump Discharge	Psia
3	8	24	PPI1	Pressure - Pump Inlet	Psia
4	1	25	TEW95W	Wall Temperature - Position 1	Degrees F
4	2	26	TEW95E	Wall Temperature - Position 2	Degrees F
4	3	27	TEW72N	Wall Temperature - Position 3	Degrees F
4	4	28	TEW72S	Wall Temperature - Position 4	Degrees F
4	5	29	TEW48W	Wall Temperature - Position 5	Degrees F
4	6	30	TEW48E	Wall Temperature - Position 6	Degrees F
4	7	31	TEW24N	Wall Temperature - Position 7	Degrees F
4	8	32	TEW24S	Wall Temperature - Position 8	Degrees F

SRL FLOW INSTABILITY TESTS

TEST NO. 6; RUN NUMBERS 1155-1453

EACH RUN HAS 64 WORDS IN 8 RECORDS

CARD IMAGE FORMAT (8F10.4)

REC. NO.	WORD NO.	SER. NO.	INSTRU- MENT	PARAMETER	UNITS
5	1	33	TEW13W	Wall Temperature - Position 9	Degrees F
5	2	34	TEW13E	Wall Temperature - Position 10	Degrees F
5	3	35	TEW10N	Wall Temperature - Position 11	Degrees F
5	4	36	TEW10S	Wall Temperature - Position 12	Degrees F
5	5	37	TEW07W	Wall Temperature - Position 13	Degrees F
5	6	38	TEW07E	Wall Temperature - Position 14	Degrees F
5	7	39	TEW04N	Wall Temperature - Position 15	Degrees F
5	8	40	TEW04S	Wall Temperature - Position 16	Degrees F
6	1	41	TEW01W	Wall Temperature - Position 17	Degrees F
6	2	42	TEW01E	Wall Temperature - Position 18	Degrees F
6	3	43	PWRKW	Power - Heater	KW
6	4	44	HFLX	Heat Flux - Heater	M.Btu/Hr
6	5	45	VOLTB	Voltage - Bus to Bus	Volts
6	6	46	VOLTT	Voltage - Heater	Volts
6	7	47	CURRT	Current - Heater	Amps
6	8	48	QUALITY	Quality - Heater Outlet	(%)
7	1	49	HRATIO	Heat Output / Heat Input Ratio	
7	2	50	DPP1	Pressure Difference - Across Pump	Psi
7	3	51	DPSTD1	Standard Deviation of DPT1	
7	4	52	TKW07S	Wall Temperature - Position 19	Degrees F
7	5	53	TKW01N	Wall Temperature - Position 20	Degrees F
7	6	54	DPSTD2	Standard Deviation of DPT2	
7	7	55	VTL	Distance Between Voltage Taps	Inches
7	8	56	ID	Diameter (ID) - Heater	Inches
8	1	57	HL	Heated Length - Heater	Inches
8	2	58	DPL	Distance Between Pressure Taps	Inches
8	3	59	YEAR	Year - Test Date	
8	4	60	MONTH	Month - Test Date	
8	5	61	DAY	Day - Test Date	
8	6	62	HRS	Hour - Test Date	
8	7	63	MIN	Minute - Test Date	
8	8	64	RUN	Run Number	

SRL FLOW INSTABILITY TESTS

TESTS 7; RUN NUMBERS 1454-1609

EACH RUN HAS 100 WORDS IN 10 RECORDS

CARD IMAGE FORMAT (10F8.3)

REC. NO.	WORD NO.	SER. NO.	INSTRU- MENT	PARAMETER	UNITS
1	1	1	PWR1	Power - Heater	KW
1	2	2	HFLX	Heat Flux - Heater	M.Btu/Hr
1	3	3	VOLTB	Voltage - Bus to Bus	Volts
1	4	4	VOLTT	Voltage - Heater	Volts
1	5	5	CURRT1	Current - Heater	Amps
1	6	6	CURRT2	Current - Heater Backup	Amps
1	7	7	PTI1	Pressure - T.S. Inlet	Psig
1	8	8	PTI2	Pressure - T.S. Inlet	Psig
1	9	9	PTO1	Pressure - Heater Outlet	Psig
1	10	10	PTO3	Pressure - Heater Outlet	Psig
2	1	11	PBI1	Pressure - By Pass Inlet	Psig
2	2	12	PBO1	Pressure - By Pass Outlet	Psig
2	3	13	PL1	Pressure - Loop 1	Psig
2	4	14	PL2	Pressure - Loop 2	Psig
2	5	15	PD1	Pressure - Heat Exchanger Divert	Psig
2	6	16	PXI1	Pressure - Heat Exchanger Inlet	Psig
2	7	17	PXO1	Pressure - Heat Exchanger Outlet	Psig
2	8	18	PPI1	Pressure - Pump Inlet	Psig
2	9	19	PPO1	Pressure - Pump Discharge	Psig
2	10	20	PA1	Pressure - Tank	Psig
3	1	21	DT1	Pressure Drop - Test Section DP1	Psi
3	2	22	DT2	Pressure Drop - Test Section DP2	Psi
3	3	23	DP1	Pressure Drop - Pump	Psi
3	4	24	DLV1	Pressure Drop - Valve	Psi
3	5	25	OLI1	Flow - Loop Inlet (Orifice Meter 2")	GPM
3	6	26	FLI1	Flow - Loop Inlet (Turbine meter) (2")	GPM
3	7	27	FTI1	Flow - T.S. Inlet (Turbine meter) (1")	GPM
3	8	28	FBI1	Flow - Bypass Line (Turbine meter) (2")	GPM
3	9	29	FXI1	Flow - HX Inlet (Turbine meter) (2")	GPM
3	10	30	FXI2	Flow - HX Inlet (Turbine meter) (1")	GPM
4	1	31	FS1	Flow - Bypass to Tank (Turbine meter) (2")	GPM
4	2	32	TRTI1	Temperature (RTD) - T.S. Inlet	Degrees F
4	3	33	TRTI2	Temperature (RTD) - T.S. Inlet	Degrees F
4	4	34	TRTO1	Temperature (RTD) - T.S. Outlet	Degrees F
4	5	35	TRTO2	Temperature (RTD or T/C) - T.S. Outlet	Degrees F

SRL FLOW INSTABILITY TESTS

TESTS 7; RUN NUMBERS 1454-1609

EACH RUN HAS 100 WORDS IN 10 RECORDS

CARD IMAGE FORMAT (10F8.3)

REC. NO.	WORD NO.	SER. NO.	INSTRU- MENT	PARAMETER	UNITS
4	6	36	JXI1	Temperature (RTD) - T.S. Inlet	Degrees F
4	7	37	JXO1	Temperature (RTD) - T.S. Outlet	Degrees F
4	8	38	PTO2	Pressure - Heater Outlet (Gauge)	Psig
4	9	39	DT3	Pressure Drop - Test Section DP3 (Manometer)	Psi
4	10	40	TEW95W	Wall Temperature - Position 1	Degrees F
5	1	41	TEW95E	Wall Temperature - Position 2	Degrees F
5	2	42	TEW72N	Wall Temperature - Position 3	Degrees F
5	3	43	TEW72S	Wall Temperature - Position 4	Degrees F
5	4	44	TEW48W	Wall Temperature - Position 5	Degrees F
5	5	45	TEW48E	Wall Temperature - Position 6	Degrees F
5	6	46	TEW24N	Wall Temperature - Position 7	Degrees F
5	7	47	TEW24S	Wall Temperature - Position 8	Degrees F
5	8	48	TEW13W	Wall Temperature - Position 9	Degrees F
5	9	49	TEW13E	Wall Temperature - Position 10	Degrees F
5	10	50	TEW10N	Wall Temperature - Position 11	Degrees F
6	1	51	TEW10S	Wall Temperature - Position 12	Degrees F
6	2	52	TEW07W	Wall Temperature - Position 13	Degrees F
6	3	53	TEW07E	Wall Temperature - Position 14	Degrees F
6	4	54	TEW04N	Wall Temperature - Position 15	Degrees F
6	5	55	TEW04S	Wall Temperature - Position 16	Degrees F
6	6	56	TEW01W	Wall Temperature - Position 17	Degrees F
6	7	57	TEW01E	Wall Temperature - Position 18	Degrees F
6	8	58		BLANK	
6	9	59	TKW07W	Wall Temperature - Position 19	Degrees F
6	10	60	TKW04E	Wall Temperature - Position 20	Degrees F
7	1	61	TKW01S	Wall Temperature - Position 21	Degrees F
7	2	62		BLANK	
7	3	63	TEREF	E Reference Junction Temperature	Degrees F
7	4	64	TJREF	J Reference Junction Temperature	Degrees F
7	5	65		BLANK	
7	6	66		BLANK	
7	7	67		BLANK	
7	8	68		BLANK	
7	9	69	PWR2	Power - Heater (Backup)	KW
7	10	70	RTS	Test Section Resistance	Ohms

SRL FLOW INSTABILITY TESTS

TESTS 7; RUN NUMBERS 1454-1609

EACH RUN HAS 100 WORDS IN 10 RECORDS

CARD IMAGE FORMAT (10F8.3)

REC. NO.	WORD NO.	SER. NO.	INSTRU- MENT	PARAMETER	UNITS
8	1	71	QUALITY	Quality - Heater Outlet	(%)
8	2	72	HRATIO	Heat Output / Heat Input Ratio	(%)
8	3	73	HLOSS	Heat Losses	(%)
8	4	74	SVOLT	Standard Deviation of TS Voltage	(%)
8	5	75	SCURR	Standard Deviation of TS Current	(%)
8	6	76	SPTO1	Standard Deviation of TS Exit Pressure	(%)
8	7	77	SDPT1	Standard Deviation of TS Pressure Drop DT1	(%)
8	8	78	SDPT2	Standard Deviation of TS Pressure Drop DT2	(%)
8	9	79	SFTI1	Standard Deviation of TS Flow Rate	(%)
8	10	80	SRTI1	Standard Deviation of TS Inlet Temperature	(%)
9	1	81		BLANK	
9	2	82		BLANK	
9	3	83		BLANK	
9	4	84	DPL	Distance Between Pressure Taps	Inches
9	5	85	VTL	Distance Between Voltage Taps	Inches
9	6	86	HL	Heated Length - Heater	Inches
9	7	87	ID	Diameter (ID) - Heater	Inches
9	8	88	DATE	Test Date	YYMM.D
9	9	89	TIME	Test Time	HHMM.S
9	10	90	TEST	Test Number	
10	1	91	RUN	Run Number	
10	2	92	PTO2	Pressure - Heater Outlet (Gauge)	Psig
10	3	93	DT3	Pressure Drop - Test Section DP3 (Manometer)	IN HG
10	4	94		BLANK	
10	5	95		BLANK	
10	6	96		BLANK	
10	7	97		BLANK	
10	8	98		BLANK	
10	9	99		BLANK	
10	10	100		BLANK	

SRL FLOW INSTABILITY TESTS

TESTS 9; RUN NUMBERS 1663-1852

EACH RUN HAS 100 WORDS IN 10 RECORDS

CARD IMAGE FORMAT (10F8.3)

RECO NO.	WORD NO.	SERIAL NO.	INSTRUMENT	PARAMETER	UNITS
1	1	1	PWR1	Power - Heater	KW
1	2	2	HFLX	Heat Flux - Heater	M.Btu/Hr
1	3	3	VOLT B	Voltage - Bus to Bus	Volts
1	4	4	VOLT T	Voltage - Heater	Volts
1	5	5	CURRT1	Current - Heater	Amps
1	6	6	CURRT2	Current - Heater Backup	Amps
1	7	7	PTI1	Pressure - T.S. Inlet	Psig
1	8	8	PTI2	Pressure - T.S. Inlet	Psig
1	9	9	PTO1	Pressure - Heater Outlet	Psig
1	10	10	PTO3	Pressure - Heater Outlet	Psig
2	1	11	PBI1	Pressure - By Pass Inlet	Psig
2	2	12	PBO1	Pressure - By Pass Outlet	Psig
2	3	13	PL1	Pressure - Loop 1	Psig
2	4	14	PL2	Pressure - Loop 2	Psig
2	5	15	PD1	Pressure - Heat Exchanger Divert	Psig
2	6	16	PXI1	Pressure - Heat Exchanger Inlet	Psig
2	7	17	PXO1	Pressure - Heat Exchanger Outlet	Psig
2	8	18	PPI1	Pressure - Pump Inlet	Psig
2	9	19	PPO1	Pressure - Pump Discharge	Psig
2	10	20	PA1	Pressure - Tank	Psig
3	1	21	DT1	Pressure Drop - Test Section DP1	Psi
3	2	22	DT2	Pressure Drop - Test Section DP2	Psi
3	3	23	DP1	Pressure Drop - Pump	Psi
3	4	24	DLV1	Pressure Drop - Valve	Psi
3	5	25	OLI1	Flow - Loop Inlet (Orifice Meter 2")	GPM
3	6	26	FLI1	Flow - Loop Inlet (Turbine meter) (2")	GPM
3	7	27	FTI1	Flow - T.S. Inlet (Turbine meter) (1")	GPM
3	8	28	FBI1	Flow - Bypass Line (Turbine meter) (2")	GPM
3	9	29	FXI1	Flow - HX Inlet (Turbine meter) (2")	GPM
3	10	30	FXI2	Flow - HX Inlet (Turbine meter) (1")	GPM
4	1	31	FS1	Flow - Bypass to Tank (Turbine meter) (2")	GPM
4	2	32	TRTI1	Temperature (RTD) - T.S. Inlet	Degrees F
4	3	33	TRTI2	Temperature (RTD) - T.S. Inlet	Degrees F
4	4	34	TRTO1	Temperature (RTD) - T.S. Outlet	Degrees F
4	5	35	TRTO2	Temperature (RTD or T/C) - T.S. Outlet	Degrees F

SRL FLOW INSTABILITY TESTS

TESTS 9; RUN NUMBERS 1663-1852

EACH RUN HAS 100 WORDS IN 10 RECORDS

CARD IMAGE FORMAT (10F8.3)

RECO NO.	WORD NO.	SERIAL NO.	INSTRUMENT	PARAMETER	UNITS
4	6	36	JXI1	Temperature (T/C) - T.S. Inlet	Degrees F
4	7	37	JXO1	Temperature (T/C) - T.S. Outlet	Degrees F
4	8	38	PTO2	Pressure - Heater Outlet (Gauge)	Psig
4	9	39	DT3	Pressure Drop - Test Section DP3 (Manometer)	Psi
4	10	40	TEW95W	Wall Temperature - Position 1	Degrees F
5	1	41	TEW95E	Wall Temperature - Position 2	Degrees F
5	2	42	TEW72N	Wall Temperature - Position 3	Degrees F
5	3	43	TEW72S	Wall Temperature - Position 4	Degrees F
5	4	44	TEW48W	Wall Temperature - Position 5	Degrees F
5	5	45	TEW48E	Wall Temperature - Position 6	Degrees F
5	6	46	TEW24N	Wall Temperature - Position 7	Degrees F
5	7	47	TEW24S	Wall Temperature - Position 8	Degrees F
5	8	48	TEW14W	Wall Temperature - Position 9	Degrees F
5	9	49	TEW14E	Wall Temperature - Position 10	Degrees F
5	10	50	TEW10N	Wall Temperature - Position 11	Degrees F
6	1	51	TEW10S	Wall Temperature - Position 12	Degrees F
6	2	52	TEW07W	Wall Temperature - Position 13	Degrees F
6	3	53	TEW07E	Wall Temperature - Position 14	Degrees F
6	4	54	TEW04N	Wall Temperature - Position 15	Degrees F
6	5	55	TEW04S	Wall Temperature - Position 16	Degrees F
6	6	56	TEW01W	Wall Temperature - Position 17	Degrees F
6	7	57	TEW01E	Wall Temperature - Position 18	Degrees F
6	8	58		BLANK	
6	9	59	TKW11N	Wall Temperature - Position 19	Degrees F
6	10	60	TKW05E	Wall Temperature - Position 20	Degrees F
7	1	61	TKW01S	Wall Temperature - Position 21	Degrees F
7	2	62		BLANK	
7	3	63	TEREF	E Reference Junction Temperature	Degrees F
7	4	64	TJREF	J Reference Junction Temperature	Degrees F
7	5	65		BLANK	
7	6	66		BLANK	
7	7	67		BLANK	
7	8	68		BLANK	
7	9	69	PWR2	Power - Heater (Backup)	KW
7	10	70	RTS	Test Section Resistance	Ohms

SRL FLOW INSTABILITY TESTS

TESTS 9; RUN NUMBERS 1663-1852

EACH RUN HAS 100 WORDS IN 10 RECORDS

CARD IMAGE FORMAT (10F8.3)

RECO NO.	WORD NO.	SERIAL NO.	INSTRUMENT	PARAMETER	UNITS
8	1	71	QUALITY	Quality - Heater Outlet	(%)
8	2	72	HRATIO	Heat Output / Heat Input Ratio	
8	3	73	HLOSS	Heat Losses	(%)
8	4	74	SVOLT	Standard Deviation of TS Voltage	(%)
8	5	75	SCURR	Standard Deviation of TS Current	(%)
8	6	76	SPTO1	Standard Deviation of TS Exit Pressure	(%)
8	7	77	SDPT1	Standard Deviation of TS Pressure Drop DT1	(%)
8	8	78	SDPT2	Standard Deviation of TS Pressure Drop DT2	(%)
8	9	79	SFTI1	Standard Deviation of TS Flow Rate	(%)
8	10	80	SRTI1	Standard Deviation of TS Inlet Temperature	(%)
9	1	81		BLANK	
9	2	82		BLANK	
9	3	83		BLANK	
9	4	84	DPL	Distance Between Pressure Taps	Inches
9	5	85	VTL	Distance Between Voltage Taps	Inches
9	6	86	HL	Heated Length - Heater	Inches
9	7	87	ID	Inside Diameter (ID) - Heater	Inches
9	8	88	DATE	Test Date	YYMM.D
9	9	89	TIME	Test Time	HHMM.S
9	10	90	TEST	Test Number	
10	1	91	RUN	Run Number	
10	2	92	PTO2	Pressure - Heater Outlet (Gauge)	Psig
10	3	93	DT3	Pressure Drop - Test Section DP3 (Manometer)	IN HG
10	4	94		BLANK	
10	5	95		BLANK	
10	6	96		BLANK	
10	7	97		BLANK	
10	8	98		BLANK	
10	9	99		BLANK	
10	10	100		BLANK	

3.4 Data

3.18

SRL Single Tube Flow Instability Test # 2.0
Stainless Steel ID = 0.745"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
RUN	PTI1		PTO1		PTO3		DPT2		FTI1		FXO1		FMO1		OTI1		TRTO1		TJXO1	
	TEST	PTI2	PTO2		DPT1		DPT3		FTI2		FXO2		FMO2		TRTI1		TJTI1			
113	2.0	52.3	60.8	48.3	50.2	50.0	8.25	8.82	8.50	35.92	36.09	0.0	0.0	35.6	35.7	34.0	70.5	100.9	74.2	80.2
114	2.0	49.8	56.4	48.0	50.2	49.4	6.29	6.65	6.37	30.99	31.21	0.0	0.0	30.6	30.9	29.3	68.5	103.0	70.2	80.1
115	2.0	49.9	56.3	48.1	50.2	49.4	6.27	6.56	6.39	31.16	31.25	0.0	0.0	30.7	30.9	29.4	70.0	105.5	71.8	80.4
116	2.0	48.4	53.4	48.4	50.2	49.6	4.65	4.93	4.67	26.50	26.58	0.0	0.0	26.1	26.3	25.0	69.6	110.1	72.9	80.6
117	2.0	47.0	50.0	48.8	50.2	49.8	2.77	2.89	2.82	20.38	20.43	0.0	0.0	19.8	20.3	19.3	69.5	123.0	73.4	80.5
118	2.0	45.2	47.6	47.9	49.7	48.8	1.85	1.95	1.84	16.44	16.51	0.0	0.0	16.2	16.4	15.6	70.0	135.5	70.8	80.7
119	2.0	45.3	47.1	48.5	50.2	49.4	1.34	1.36	1.32	14.25	13.85	0.0	0.0	13.2	13.8	13.2	70.5	149.5	73.1	80.1
120	2.0	45.2	46.8	48.8	50.2	49.7	1.03	1.07	1.04	12.32	11.67	0.0	0.0	10.8	11.6	11.2	70.9	163.8	74.6	80.2
121	2.0	45.3	46.7	49.0	50.2	49.9	0.88	0.88	0.88	10.38	10.56	0.0	0.0	9.6	10.5	10.1	69.5	173.0	70.7	80.7
122	2.0	45.1	46.2	49.0	50.2	49.7	0.69	0.70	0.70	7.87	8.10	0.0	0.0	7.4	8.1	7.9	71.3	205.5	72.3	80.6
123	2.0	45.2	46.3	48.9	50.2	49.8	0.76	0.77	0.77	9.28	9.23	0.0	8.5	17.3	0.0	8.9	69.6	189.0	71.3	75.3
124	2.0	45.0	46.1	48.9	50.2	49.8	0.67	0.68	0.66	8.46	7.94	0.0	8.5	15.7	0.0	7.7	69.5	207.5	70.0	75.1
125	2.0	44.6	45.6	48.4	50.2	49.2	0.65	0.65	0.43	7.24	7.35	0.0	8.5	15.6	0.0	7.3	69.5	217.5	70.8	75.2
126	2.0	44.8	45.6	48.5	50.2	49.3	0.64	0.61	0.64	7.86	7.31	0.0	8.5	15.3	0.0	7.3	69.5	218.4	72.2	74.5
127	2.0	44.7	45.6	48.6	50.2	49.3	0.68	0.65	0.66	6.08	6.17	0.0	8.5	13.7	0.0	6.3	69.5	245.9	73.2	74.3
128	2.0	46.7	47.5	49.4	50.2	49.5	1.80	1.88	1.81	0.16	5.02	0.0	8.5	14.5	0.0	5.3	69.8	280.9	71.4	74.4
129	2.0	43.3	44.2	47.0	49.7	47.7	0.82	0.66	0.79	5.56	6.06	0.0	8.5	10.1	0.0	6.2	70.0	253.1	72.4	74.1
130	2.0	45.4	46.2	48.2	50.2	48.4	1.68	1.81	1.63	0.00	5.21	0.0	8.5	8.5	0.0	5.4	70.2	279.4	72.5	73.7
131	2.0	45.0	45.8	48.0	49.7	48.5	1.40	1.52	1.38	3.41	5.30	0.0	8.5	12.1	0.0	5.6	70.2	274.2	73.6	73.6
132	2.0	44.7	46.5	47.8	49.7	48.8	1.40	1.49	1.38	14.01	14.02	0.0	8.4	21.8	0.0	13.5	70.0	147.6	70.5	73.7
133	2.0	44.8	46.9	47.7	49.7	48.8	1.58	1.66	1.56	14.94	15.09	0.0	8.4	23.0	0.0	14.4	69.5	141.5	73.3	73.7
134	2.0	45.9	48.6	48.0	49.7	49.2	2.37	2.43	2.38	18.59	18.73	0.0	8.3	26.5	0.0	17.7	68.8	126.6	69.4	73.6
135	2.0	47.7	51.9	48.3	50.2	49.8	3.88	4.13	3.92	24.17	24.31	0.0	8.2	31.8	0.3	22.9	70.6	115.9	74.0	73.0
136	2.0	49.1	54.6	48.4	50.2	50.0	5.24	5.47	5.28	28.15	28.38	0.0	8.1	36.0	0.3	26.6	69.5	108.5	72.9	72.6
137	2.0	51.5	58.7	48.5	50.7	50.4	7.33	7.68	7.46	33.73	33.68	0.0	8.0	41.2	0.4	31.8	70.5	103.0	73.7	72.9
138	2.0	54.5	65.6	48.0	50.2	50.2	10.46	11.42	10.90	42.18	42.19	0.0	7.8	50.0	5.1	39.6	69.9	108.1	70.2	72.1
139	2.0	52.3	61.9	47.7	50.2	49.5	9.07	9.61	9.25	38.61	38.75	0.0	0.0	38.4	3.7	36.2	69.5	111.6	72.9	68.1
140	2.0	51.2	60.8	47.1	50.2	48.9	8.56	9.03	8.71	38.98	38.91	0.0	0.0	39.0	3.8	36.5	69.5	139.3	73.5	68.6
141	2.0	55.2	63.9	50.2	51.7	51.9	8.87	9.46	9.02	38.17	38.33	0.0	5.1	43.1	4.3	35.9	77.4	120.4	77.6	68.9
142	2.0	52.4	58.4	49.9	51.2	51.3	6.25	6.70	6.31	31.81	32.03	0.0	5.2	36.9	3.5	29.9	77.5	129.0	77.8	69.4
143	2.0	50.9	55.6	49.9	51.7	51.1	4.86	5.18	4.83	27.93	28.01	0.4	5.3	33.1	3.0	26.4	76.6	135.5	76.6	69.7
144	2.0	49.9	53.3	50.4	51.2	51.5	3.51	3.68	3.56	23.55	23.62	0.4	5.3	28.6	2.4	22.2	76.9	146.1	77.2	70.3
145	2.0	48.3	50.5	50.0	51.2	50.9	2.32	2.49	2.32	18.76	18.89	0.3	5.3	24.0	1.8	18.0	76.6	162.6	76.5	70.4
146	2.0	48.4	50.0	50.8	51.7	51.6	1.67	1.79	1.69	15.48	15.64	0.4	5.4	20.7	0.8	14.8	77.0	181.5	77.1	70.5
147	2.0	47.0	48.1	49.7	51.2	50.6	1.35	1.44	1.36	13.00	13.04	0.4	5.4	18.2	0.0	12.5	76.6	201.6	76.5	70.6
148	2.0	46.7	47.5	49.5	50.7	50.2	1.22	1.29	1.21	11.08	11.32	0.0	5.4	16.6	0.0	10.8	77.5	222.2	77.7	71.5
149	2.0	47.2	48.0	50.2	50.7	-2.2	1.23	1.37	1.25	9.30	9.47	0.0	5.4	15.8	0.0	9.2	76.9	250.0	76.6	71.8
150	2.0	48.5	49.2	50.9	51.7	-1.8	1.80	1.71	1.77	8.48	8.78	0.0	5.4	11.4	0.2	8.4	76.8	263.0	77.6	72.0
151	2.0	48.4	49.2	49.9	51.2	-2.1	2.67	2.80	2.63	8.12	8.41	0.0	5.4	12.9	0.3	8.2	77.6	273.8	78.0	72.0
152	2.0	70.6	80.9	64.6	65.7	-0.2	10.15	10.70	10.27	40.82	41.05	0.0	5.0	46.1	4.6	38.5	76.8	116.5	77.1	71.9
153	2.0	68.1	76.2	64.4	65.7	-1.1	7.97	8.45	8.03	36.17	36.11	0.0	5.1	41.2	4.2	33.9	77.0	122.6	77.5	72.4
154	2.0	65.4	71.3	64.3	66.2	-0.1	5.49	5.84	5.50	29.78	29.66	0.0	5.3	34.8	3.4	28.1	77.1	132.5	77.4	72.3
155	2.0	62.8	66.3	64.1	65.7	-0.8	3.04	3.22	3.02	21.68	21.73	0.0	5.3	26.8	2.3	20.5	76.1	151.0	76.4	72.3
156	2.0	61.4	63.3	64.5	66.2	-0.6	1.41	1.50	1.44	13.77	13.89	0.0	5.4	18.9	0.0	13.1	77.4	195.9	77.2	72.5
157	2.0	61.2	62.9	64.4	65.7	-1.7	1.28	1.36	1.28	12.84	12.93	0.0	5.4	18.0	0.0	12.3	77.0	204.5	77.8	72.5
158	2.0	61.5	63.1	64.7	65.7	-0.9	1.20	1.27	1.19	11.95	12.07	0.0	5.4	17.1	0.0	11.6	77.1	213.0	77.6	72.9
159	2.0	61.2	62.4	64.5	65.7	-0.8	1.05	1.12	1.04	10.39	10.31	0.0	5.4	15.2	0.0	9.9	77.3	236.5	78.1	72.8
160	2.0	62.4	63.4	65.3	66.7	-0.9	1.52	1.41	1.45	8.04	8.19	0.0	5.4	13.7	0.0	8.1	76.5	275.0	76.4	72.9
161	2.0	62.5	63.5	63.4	64.7	-1.9	3.43	3.71	3.40	6.64	6.98	0.0	5.4	6.8	0.0	7.0	78.1	297.1	78.8	73.0

SRL Single Tube Flow Instability Test # 2.0
Stainless Steel ID = 0.745"

1	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	BL	TEW95W	TEW84N	TEW72W	TEW60N	TEW48W	TEW36N	TEW24W	TEW12N	TEW01W											
TJTO1	BL	TEW95E	TEW84S	TEW72E	TEW60S	TEW48E	TEW36S	TEW24E	TEW12S	TEW01E											
113	100.5	0	0	229.3	222.6	238.6	238.1	243.5	244.4	242.2	245.2	244.7	245.9	248.7	251.9	255.6	254.6	256.2	251.4	262.0	259.5
114	102.8	0	0	234.8	228.2	243.7	239.2	249.1	249.4	249.2	250.9	251.0	253.1	256.1	258.3	262.4	260.5	264.5	259.6	270.4	267.1
115	105.0	0	0	236.6	230.5	246.5	239.7	251.5	252.5	252.2	253.6	253.8	255.5	258.2	261.6	265.6	264.5	266.6	262.0	273.2	270.4
116	109.8	0	0	242.1	234.4	253.4	243.0	258.9	259.6	259.4	261.3	262.1	263.6	267.2	270.0	274.2	272.5	276.0	271.0	282.2	279.6
117	122.8	0	0	259.0	247.9	274.5	237.3	280.7	281.4	281.3	284.1	285.2	286.0	291.0	294.8	299.4	298.0	302.3	296.6	309.4	306.2
118	136.1	0	0	267.4	254.4	287.2	234.2	293.9	295.4	294.3	298.2	299.6	298.8	305.6	311.1	315.6	315.9	317.0	312.5	325.8	323.3
119	149.8	0	0	284.3	272.4	306.8	240.6	314.5	314.4	316.9	318.6	321.2	322.3	329.4	332.8	339.0	337.5	342.6	338.1	353.5	349.7
120	162.9	0	0	296.0	281.6	321.3	237.0	329.3	329.9	328.6	331.5	333.5	333.3	342.6	345.7	350.5	351.2	355.4	352.5	370.9	367.4
121	172.1	0	0	314.9	304.8	330.9	240.4	338.1	339.1	333.6	335.3	338.9	339.2	353.4	355.7	362.9	361.5	369.9	365.9	380.7	377.9
122	204.6	0	0	328.9	315.3	339.6	239.1	352.1	352.7	343.2	345.7	353.3	353.3	368.8	372.5	381.0	381.0	387.1	383.9	397.6	395.9
123	188.3	0	0	309.2	298.7	332.0	239.7	342.8	344.4	341.4	346.4	351.8	353.4	365.3	368.1	375.2	375.3	382.8	379.5	391.9	389.3
124	207.0	0	0	327.9	312.9	342.5	239.8	355.3	356.6	345.7	351.0	357.3	358.5	372.7	376.0	384.5	384.9	390.0	386.6	400.0	398.9
125	217.0	0	0	337.0	322.6	344.4	239.8	358.6	359.5	348.1	353.3	360.6	361.4	375.8	380.2	387.8	388.5	392.2	388.8	402.4	401.9
126	217.6	0	0	341.7	328.1	345.4	239.4	359.4	360.5	349.9	354.8	362.5	363.4	378.2	381.3	389.3	389.2	393.2	389.6	403.3	402.5
127	245.5	0	0	347.8	333.8	346.3	239.3	363.6	364.2	353.1	358.3	368.2	368.8	382.8	388.6	392.7	394.6	394.9	391.4	403.8	403.2
128	280.8	0	0	372.7	361.8	349.2	238.9	373.7	373.7	371.1	375.4	385.5	389.6	394.7	397.0	399.4	400.6	399.4	395.4	403.8	403.8
129	253.3	0	0	368.2	362.2	348.3	241.3	369.5	369.9	370.5	371.6	381.0	385.6	391.0	392.7	395.9	396.8	397.1	393.4	402.8	402.6
130	279.2	0	0	368.8	364.5	348.7	239.1	374.8	375.1	377.2	378.0	386.2	391.1	395.0	397.3	399.5	400.2	400.0	395.8	404.4	404.2
131	274.2	0	0	370.6	363.6	349.2	240.6	374.0	374.8	376.7	376.8	384.8	389.6	393.6	395.9	398.3	399.3	398.7	394.6	403.3	403.3
132	148.4	0	0	299.7	308.7	305.2	240.0	313.9	313.0	327.3	324.9	324.3	330.5	335.0	331.9	341.8	336.3	350.6	344.8	358.2	355.2
133	142.0	0	0	283.8	284.5	297.7	239.7	305.2	305.5	311.4	311.5	313.0	317.4	323.3	322.7	330.9	327.2	338.0	333.2	346.5	342.3
134	127.5	0	0	264.7	261.7	277.9	239.9	284.5	285.2	287.1	288.1	289.7	293.1	297.7	299.7	305.4	302.7	310.1	305.9	317.3	313.5
135	115.3	0	0	251.5	248.1	262.9	239.3	268.1	269.3	270.0	271.5	272.4	275.9	279.5	280.6	285.4	283.1	289.4	285.7	295.8	291.6
136	108.0	0	0	246.0	244.1	254.5	239.4	259.7	259.9	263.6	264.7	264.0	267.7	270.3	270.4	275.2	271.8	280.1	275.7	285.3	281.2
137	103.0	0	0	235.9	233.3	244.3	239.8	248.6	249.6	249.3	251.2	251.4	254.6	256.7	258.1	261.7	259.8	264.8	261.4	269.6	266.1
138	107.8	0	0	284.4	270.7	297.7	239.9	302.1	304.1	296.5	298.8	304.0	306.2	310.2	313.8	316.4	315.6	317.9	313.5	324.7	319.2
139	111.1	0	0	292.1	287.3	304.7	239.6	309.8	311.2	307.5	309.2	311.8	315.1	318.4	322.1	325.8	324.2	327.7	322.3	335.0	330.1
140	139.7	0	0	405.5	380.8	432.6	240.3	439.7	443.4	420.1	426.4	440.2	440.9	449.4	458.6	461.9	462.3	462.2	454.8	473.6	464.9
141	119.9	0	0	309.8	315.8	314.7	238.7	320.1	319.8	329.0	326.5	324.3	331.3	331.5	332.2	337.9	333.9	342.9	335.7	345.1	346.5
142	130.2	0	0	309.8	296.1	325.4	237.2	331.2	333.1	328.5	329.9	334.8	338.0	343.4	346.0	350.7	349.2	354.0	346.5	352.9	357.0
143	136.1	0	0	319.2	303.3	335.4	238.4	341.3	343.5	339.1	340.4	346.0	348.8	355.2	358.2	363.6	362.1	367.2	360.5	369.6	370.5
144	146.6	0	0	330.1	313.0	347.9	237.8	355.1	356.8	353.5	354.9	360.9	364.1	371.0	373.8	380.3	378.4	385.1	376.8	387.2	389.0
145	161.3	0	0	345.6	326.8	366.0	238.2	374.4	376.2	373.6	375.1	382.7	385.6	394.4	397.4	405.5	403.5	410.4	399.7	418.2	415.6
146	180.4	0	0	362.4	339.6	386.1	238.7	396.6	398.2	394.1	395.7	404.6	407.9	417.2	420.1	427.1	426.1	431.6	421.6	438.4	437.2
147	200.9	0	0	382.7	363.2	402.4	237.6	411.8	414.6	410.4	411.4	419.5	424.4	431.1	434.2	438.7	438.9	441.8	433.8	447.7	448.2
148	221.6	0	0	401.1	382.8	409.1	238.2	418.1	421.3	416.8	417.9	424.5	430.3	434.6	437.1	441.8	442.2	444.8	435.0	443.3	451.1
149	250.2	0	0	417.8	394.5	417.9	237.7	427.2	430.2	426.0	427.2	432.7	438.5	441.8	444.7	446.8	447.7	447.6	437.8	446.4	451.5
150	263.4	0	0	421.0	401.5	421.4	238.7	430.3	433.2	428.4	430.2	435.0	440.9	443.7	446.4	447.6	448.5	447.7	436.9	447.3	450.6
151	273.7	0	0	424.3	409.1	425.8	238.5	434.8	438.0	432.3	434.5	437.9	443.9	445.7	449.2	449.6	450.7	448.6	439.9	447.6	450.8
152	116.4	0	0	297.8	291.8	307.9	238.3	312.7	314.1	314.1	315.9	315.8	320.9	323.7	324.7	329.0	326.4	333.1	325.0	327.6	333.6
153	122.1	0	0	304.0	293.3	316.9	238.9	322.3	324.1	321.4	323.5	325.6	329.4	333.6	336.0	340.2	338.7	343.6	335.3	339.9	345.0
154	133.3	0	0	312.5	297.6	329.1	238.4	334.7	337.2	331.9	333.8	338.8	341.8	348.0	351.3	355.8	354.6	359.0	352.9	364.7	360.9
155	150.0	0	0	330.4	309.5	352.0	238.9	358.7	362.0	354.6	356.3	365.5	367.2	376.0	379.8	386.4	385.8	390.0	383.8	396.1	393.4
156	195.5	0	0	375.7	355.1	400.9	238.6	411.6	413.8	410.4	411.2	418.8	422.5	430.8	433.7	441.8	441.0	446.8	438.4	445.7	450.5
157	204.1	0	0	382.6	362.5	409.6	239.7	418.8	421.8	415.9	417.7	424.6	428.5	436.4	440.2	447.2	446.1	451.4	442.9	455.0	455.5
158	212.7	0	0	392.1	370.3	415.4	238.7	424.7	427.1	421.7	423.3	429.7	433.9	442.0	445.0	451.7	450.7	455.1	445.4	457.9	460.4
159	236.4	0	0	413.8	387.2	423.6	237.9	432.8	435.6	430.8	432.1	438.2	443.3	449.9	453.2	457.8	458.2	459.7	452.8	462.0	466.1
160	275.7	0	0	428.1	401.1	431.5	238.9	440.8	444.4	438.3	440.9	447.4	452.4	456.8	460.4	462.0	463.6	461.4	450.8	463.4	465.7
161	297.0	0	0	434.3	414.8	437.3	238.5	447.0	450.6	444.5	447.1	452.9	457.8	460.0	462.7	463.0	464.2	462.0	451.8	457.7	464.1

SRL Single Tube Flow Instability Test # 2.0
Stainless Steel ID = 0.745"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VOLTB	CURRT	HRATIO	BL	BL	BL	BL	BL	BL	BL	BL	HL	YEAR	DAY	MIN						
	HFLX	VOLTT	QUALITY	BL	BL	BL	ID	DPL	MONTH	HRS	RUN											
113	155.9	0.341	54.0	54.7	2851	-19.5	104.0	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	11	58	113	
114	153.7	0.336	53.8	54.3	2828	-19.2	103.4	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	12	17	114	
115	157.0	0.343	54.5	55.0	2853	-18.9	104.1	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	12	25	115	
116	153.4	0.336	54.0	54.5	2815	-18.5	103.5	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	13	4	116	
117	156.9	0.343	54.6	55.4	2831	-17.2	103.5	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	13	10	117	
118	154.4	0.338	54.7	55.2	2796	-15.8	103.4	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	13	14	118	
119	156.1	0.341	55.4	55.8	2796	-14.4	103.3	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	13	21	119	
120	154.6	0.338	55.1	55.7	2774	-13.0	103.7	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	13	24	120	
121	154.6	0.338	55.3	55.8	2769	-12.1	104.5	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	13	59	121	
122	153.2	0.335	55.1	55.7	2748	-8.8	105.1	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	14	6	122	
123	155.6	0.340	55.5	56.1	2774	-10.5	104.7	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	14	28	123	
124	155.0	0.339	55.6	56.1	2762	-8.5	104.6	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	14	31	124	
125	154.9	0.339	55.6	56.1	2759	-7.4	104.0	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	14	33	125	
126	154.9	0.339	55.4	56.2	2759	-7.3	104.3	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	14	35	126	
127	155.0	0.339	55.3	56.2	2755	-4.5	104.8	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	14	37	127	
128	155.2	0.340	55.8	56.4	2753	-0.3	101.5	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	14	41	128	
129	155.5	0.340	55.7	56.4	2759	-3.8	106.0	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	14	44	129	
130	155.3	0.340	55.8	56.4	2755	-0.9	104.3	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	14	51	130	
131	155.0	0.339	55.6	56.3	2753	-1.3	103.8	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	14	53	131	
132	154.1	0.337	54.9	55.4	2783	-14.5	104.2	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	14	56	132	
133	154.1	0.337	54.7	55.3	2786	-15.2	104.3	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	14	58	133	
134	153.7	0.336	54.4	54.9	2800	-16.7	104.1	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	15	3	134	
135	155.9	0.341	54.4	55.0	2834	-17.9	104.4	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	15	11	135	
136	155.7	0.341	54.2	54.7	2848	-18.7	104.8	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	15	13	136	
137	156.7	0.343	54.2	54.9	2854	-19.3	103.5	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	15	20	137	
138	230.7	0.505	66.4	67.3	3428	-18.6	103.3	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	15	32	138	
139	232.6	0.509	66.3	67.7	3436	-18.3	104.6	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	16	12	139	
140	388.7	0.850	66.6	69.8	4330	-15.4	105.9	0	0	0	0	0	0.745	96.0	100.5	1988	12	7	16	18	140	
141	232.9	0.510	68.1	67.6	3444	-17.7	102.6	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	13	19	141	
142	234.5	0.513	68.5	68.1	3442	-16.7	102.1	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	13	26	142	
143	234.7	0.513	68.7	68.3	3434	-16.0	102.1	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	13	35	143	
144	233.3	0.510	68.8	68.4	3412	-14.9	101.7	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	13	40	144	
145	231.4	0.506	68.9	68.5	3380	-13.1	102.0	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	13	47	145	
146	232.0	0.507	69.3	68.9	3368	-11.3	102.4	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	13	53	146	
147	232.4	0.508	69.6	69.2	3360	-8.9	102.0	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	14	3	147	
148	230.7	0.505	69.4	69.0	3345	-6.9	103.3	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	14	17	148	
149	231.8	0.507	69.7	69.2	3348	-4.0	103.1	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	14	27	149	
150	230.9	0.505	69.5	69.1	3341	-2.8	103.4	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	14	31	150	
151	234.2	0.512	70.1	69.7	3362	-1.4	102.9	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	14	39	151	
152	232.1	0.508	67.8	67.4	3444	-20.1	101.9	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	14	56	152	
153	234.9	0.514	68.4	68.0	3454	-19.4	101.7	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	15	8	153	
154	233.7	0.511	68.4	68.1	3434	-18.4	102.1	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	15	12	154	
155	232.4	0.508	68.8	68.3	3401	-16.3	101.6	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	15	16	155	
156	234.7	0.513	69.9	69.5	3377	-11.6	102.0	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	15	26	156	
157	234.0	0.512	69.9	69.5	3368	-10.7	102.4	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	15	33	157	
158	233.6	0.511	69.9	69.5	3361	-9.8	102.2	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	15	37	158	
159	233.4	0.510	70.0	69.6	3353	-7.2	102.5	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	15	44	159	
160	232.9	0.509	70.0	69.6	3345	-3.1	102.1	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	15	52	160	
161	232.4	0.508	70.0	69.6	3341	1.0	96.2	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	15	57	161	

SRL Single Tube Flow Instability Test # 2.0
Stainless Steel ID = 0.745"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VOLTB		CURRT		HRATIO		BL		BL		BL		HL		YEAR		DAY		MIN		
	HFLX	VOLTT		QUALITY	BL	BL	BL	ID	DPL	MONTH	HRS	RUN										
162	233.7	0.511	68.7	68.3	3421	-17.3	101.6	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	16	3	162
163	231.9	0.507	69.0	68.8	3374	-14.4	102.0	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	16	8	163
164	230.7	0.505	69.0	68.7	3360	-13.2	102.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	16	11	164
165	231.7	0.507	68.8	68.4	3389	-15.7	102.1	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	16	15	165
166	233.3	0.510	68.7	68.3	3414	-17.0	101.9	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	16	18	166
167	233.8	0.511	68.6	68.2	3426	-17.9	102.3	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	16	22	167
168	234.2	0.512	68.4	68.0	3446	-19.1	102.6	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	16	28	168
169	231.8	0.507	69.7	69.3	3346	-8.7	102.1	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	16	33	169
170	232.5	0.509	69.8	69.5	3345	-6.3	103.0	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	16	35	170
171	231.6	0.506	69.8	69.4	3337	-4.5	102.7	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	16	39	171
172	231.5	0.506	69.9	69.5	3334	-2.2	103.4	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	16	42	172
173	231.7	0.507	69.8	69.5	3337	-1.6	103.2	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	8	16	44	173
174	231.4	0.506	67.7	67.3	3437	-19.7	102.1	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	10	59	174
175	155.5	0.340	54.7	54.4	2860	-21.3	101.4	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	11	9	175
176	155.4	0.340	54.7	54.4	2854	-21.0	103.0	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	11	12	176
177	156.1	0.341	54.9	54.6	2856	-20.6	102.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	11	16	177
178	153.5	0.336	54.6	54.3	2830	-20.2	102.0	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	11	19	178
179	154.3	0.338	55.1	54.7	2820	-18.7	102.1	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	11	26	179
180	154.0	0.337	55.1	54.8	2809	-18.0	102.2	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	11	37	180
181	155.9	0.341	55.7	55.3	2817	-17.2	102.2	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	11	49	181
182	156.7	0.343	55.8	55.5	2823	-16.8	101.7	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	11	59	182
183	154.5	0.338	55.6	55.2	2797	-16.8	112.0	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	12	2	183
184	155.7	0.341	55.9	55.6	2801	-15.4	102.9	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	12	9	184
185	156.7	0.343	56.1	55.8	2809	-15.4	103.2	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	12	15	185
186	155.6	0.340	56.0	55.7	2795	-14.6	102.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	12	25	186
187	155.3	0.340	56.2	55.8	2783	-13.2	103.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	12	29	187
188	156.0	0.341	56.3	56.0	2787	-13.1	102.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	13	46	188
189	156.1	0.342	56.4	56.1	2783	-12.3	102.8	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	13	53	189
190	154.6	0.338	56.3	55.9	2767	-11.8	103.0	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	13	56	190
191	154.3	0.337	56.2	55.9	2760	-10.9	102.6	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	13	58	191
192	155.0	0.339	56.4	56.0	2768	-10.8	102.7	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	14	8	192
193	154.2	0.337	56.2	55.9	2757	-10.4	103.3	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	14	16	193
194	154.4	0.338	56.3	56.0	2757	-9.8	102.9	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	14	22	194
195	154.1	0.337	56.4	56.0	2752	-9.2	104.1	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	14	29	195
196	154.2	0.337	56.4	56.1	2751	-7.7	103.2	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	14	32	196
197	153.5	0.336	56.3	56.0	2742	-6.0	102.9	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	14	34	197
198	153.7	0.336	56.4	56.1	2740	-3.7	103.2	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	14	37	198
199	153.9	0.337	56.4	56.1	2742	-3.6	103.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	14	38	199
200	154.2	0.337	56.5	56.2	2743	-0.4	101.8	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	14	41	200
201	153.8	0.336	56.4	56.1	2742	-2.8	104.1	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	14	44	201
202	155.1	0.339	56.0	55.8	2781	-13.6	103.1	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	14	51	202
203	153.4	0.336	54.7	54.4	2819	-19.4	102.0	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	14	58	203
204	154.8	0.339	54.8	54.6	2836	-19.8	101.4	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	15	3	204
205	154.2	0.337	54.6	54.3	2839	-20.6	103.3	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	9	15	7	205
206	363.9	0.796	86.8	86.2	4223	-17.6	101.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	14	56	206
207	365.1	0.799	87.0	86.5	4222	-17.0	102.4	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	4	207
208	361.8	0.791	86.8	86.2	4195	-16.3	101.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	7	208
209	368.1	0.805	87.5	87.1	4226	-16.2	102.0	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	9	209
210	362.0	0.792	87.1	86.6	4180	-15.3	101.9	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	15	210

SRL Single Tube Flow Instability Test # 2.0

Stainless Steel ID = 0.745"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FXO1	FMO1	OTI1	TRTO1	TJXO1										
TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRTI1	TJTI1											
211	2.0	64.2	69.3	65.1	67.2	66.6	3.99	4.23	4.04	25.78	25.84	0.1	10.4	36.4	3.6	24.3	77.0	176.6	77.2	70.5
212	2.0	63.2	67.4	65.1	66.7	66.4	3.18	3.38	3.19	22.42	22.46	0.0	10.5	33.2	3.2	21.2	77.0	191.4	77.0	71.3
213	2.0	62.4	66.3	64.5	66.7	65.8	2.93	3.07	2.95	21.03	21.19	0.0	10.5	31.6	2.9	20.0	76.3	195.5	76.7	70.8
214	2.0	62.2	66.0	64.2	66.7	65.5	2.96	3.14	2.96	21.55	21.27	0.0	10.5	32.1	3.0	20.1	76.2	197.0	76.3	71.4
215	2.0	61.9	65.1	64.6	66.7	66.0	2.40	2.59	2.42	18.12	17.99	0.0	10.6	28.8	2.4	17.0	76.2	219.4	76.4	70.8
216	2.0	62.2	65.2	65.2	66.7	66.5	2.19	2.30	2.23	16.32	16.52	0.4	10.6	27.0	1.9	15.6	76.4	231.9	76.6	70.5
217	2.0	61.9	64.9	64.9	66.7	66.2	2.16	2.23	2.18	15.54	15.81	0.0	10.6	26.6	2.0	14.9	76.3	237.7	75.6	70.9
218	2.0	62.1	64.7	65.0	67.2	66.4	2.18	2.34	2.17	14.22	14.51	0.0	10.7	25.7	0.9	13.7	76.3	254.5	76.0	71.3
219	2.0	63.2	65.1	65.0	66.7	66.8	2.58	2.93	2.56	13.44	13.51	0.1	10.7	24.7	0.0	12.8	76.3	266.8	76.1	71.3
220	2.0	62.7	65.1	65.0	67.2	66.8	2.98	3.32	2.95	13.56	13.17	0.1	10.7	23.9	0.0	12.5	76.2	272.4	76.1	71.6
221	2.0	63.7	65.9	65.5	66.7	67.4	3.04	3.43	3.47	13.03	12.86	0.0	10.7	24.0	0.0	12.2	76.5	277.5	77.4	72.2
222	2.0	63.3	65.5	65.0	67.2	67.2	3.33	3.47	3.47	13.23	12.84	0.1	10.7	23.9	0.0	12.2	76.5	277.4	77.0	72.1
223	2.0	65.4	67.7	64.8	66.2	65.0	5.81	6.07	5.76	11.56	11.52	0.4	10.6	27.5	0.0	10.9	76.7	297.4	77.2	72.3
224	2.0	64.1	66.4	65.3	66.7	67.7	4.16	4.78	4.04	12.56	12.46	0.0	10.7	23.3	0.0	11.8	76.9	284.4	77.1	72.3
225	2.0	62.4	64.9	64.7	66.7	66.6	2.67	2.96	2.63	13.17	13.37	0.0	10.7	25.1	0.1	12.7	76.5	268.0	76.1	71.9
226	2.0	61.5	64.3	64.6	66.7	66.1	2.12	2.15	2.15	14.80	15.04	0.4	10.6	25.4	0.1	14.2	76.7	248.0	76.4	71.5
227	2.0	61.3	64.5	64.1	66.2	65.7	2.32	2.48	2.31	16.81	16.94	0.0	10.6	27.7	0.0	16.0	77.2	229.0	76.9	71.9
228	2.0	62.3	66.1	64.6	66.2	66.3	2.80	2.97	2.78	19.86	20.06	0.4	10.5	30.5	0.1	18.9	77.8	206.1	77.3	71.7
229	2.0	63.4	68.2	65.0	66.7	67.0	3.53	3.77	3.54	23.69	23.87	0.1	10.4	34.3	0.0	22.4	76.4	184.2	76.7	72.3
230	2.0	64.0	69.9	64.6	66.7	66.8	4.47	4.79	4.49	27.19	27.57	0.0	10.3	38.0	0.1	25.8	76.3	170.0	76.1	71.8
231	2.0	66.0	73.4	65.3	66.7	67.4	5.86	6.23	5.92	31.59	31.96	0.0	10.2	42.0	0.1	29.9	77.0	158.0	76.9	72.1
232	2.0	69.8	80.2	64.5	67.2	66.7	9.80	10.33	9.93	39.49	39.65	0.0	28.9	69.0	7.4	37.4	77.0	109.0	76.7	70.6
233	2.0	68.2	77.2	64.1	66.7	66.2	8.52	9.00	8.64	36.70	36.78	0.0	29.1	66.1	7.2	34.6	77.5	112.0	77.5	70.6
234	2.0	67.0	74.8	64.7	67.2	66.6	6.99	7.40	6.82	33.10	33.33	0.0	29.6	63.5	6.7	31.2	77.4	116.5	77.5	70.6
235	2.0	65.5	72.1	64.2	66.7	65.9	5.89	6.23	5.90	30.34	30.45	0.0	29.9	60.7	6.5	28.5	77.3	119.0	77.2	70.8
236	2.0	64.4	69.5	64.4	67.2	66.1	4.45	4.71	4.47	26.24	26.36	0.0	30.4	57.5	6.1	24.6	76.9	125.5	76.6	71.1
237	2.0	62.8	66.2	64.9	67.2	66.3	2.51	2.67	2.52	19.63	19.45	0.0	31.0	51.0	5.4	18.4	76.1	141.0	76.3	70.8
238	2.0	62.8	66.2	64.9	67.2	66.2	2.51	2.66	2.49	19.54	19.53	0.0	31.1	51.1	5.4	18.2	76.0	142.4	76.1	70.8
239	2.0	62.0	64.6	65.0	67.2	66.4	1.63	1.70	1.61	15.30	15.60	0.0	31.5	47.1	5.0	14.5	77.9	161.0	77.9	71.0
240	2.0	61.3	63.1	65.3	67.2	66.5	0.76	0.80	0.77	9.76	9.80	0.0	31.9	41.6	4.3	9.1	76.5	210.0	76.3	71.0
241	2.0	60.6	62.3	64.8	67.2	65.9	0.68	0.70	0.69	7.97	8.35	0.0	32.0	40.6	4.2	7.8	76.5	230.5	76.4	70.8
242	2.0	60.6	62.1	64.7	66.7	65.8	0.68	0.73	0.68	6.22	7.06	0.0	32.0	39.0	4.0	6.6	76.1	257.0	76.1	70.5
243	2.0	61.2	62.5	64.9	67.2	66.0	0.88	1.13	0.98	5.44	6.49	0.0	32.2	39.0	4.0	6.2	76.2	274.1	76.4	71.3
244	2.0	61.8	63.3	64.7	66.7	65.2	1.83	1.96	1.79	4.77	5.78	0.0	32.3	39.4	4.0	5.4	77.5	297.7	76.4	70.8
245	2.0	60.9	63.0	64.5	67.2	65.7	1.06	1.13	1.09	12.20	12.34	0.0	31.7	44.1	4.5	11.6	76.5	180.0	76.4	70.7
246	2.0	63.4	67.9	64.7	67.2	66.3	3.50	3.73	3.47	23.08	23.20	0.0	30.7	54.2	5.7	21.8	77.8	133.0	78.0	71.0
247	2.0	65.7	71.5	65.2	67.2	67.1	5.08	5.36	5.10	27.98	28.25	0.0	30.1	58.5	6.2	26.3	76.2	121.6	76.1	71.5
248	2.0	68.8	78.0	64.8	67.2	67.0	8.59	9.07	8.68	36.94	37.02	0.0	28.9	66.2	7.1	34.7	77.0	111.5	77.1	71.2
249	2.0	68.0	77.3	64.4	66.7	66.7	8.24	8.73	8.32	37.00	37.15	0.0	28.9	67.1	7.2	34.9	76.7	128.5	76.6	71.2
250	2.0	67.2	75.4	64.8	67.2	67.0	7.06	7.49	7.10	34.23	34.45	0.0	29.3	64.9	6.9	32.3	76.7	132.5	76.7	71.2
251	2.0	65.1	72.3	64.1	66.7	65.9	5.84	6.19	5.87	31.06	31.16	0.0	29.6	61.6	6.5	29.2	77.7	139.0	77.6	71.2
252	2.0	63.7	69.4	64.1	66.7	66.0	4.40	4.66	4.44	26.79	26.94	0.0	30.1	57.4	6.1	25.2	75.9	147.5	75.5	71.4
253	2.0	64.8	70.4	65.2	67.2	67.1	4.38	4.65	4.42	26.67	26.83	0.0	30.1	57.9	6.1	25.1	77.5	149.0	77.2	71.2
254	2.0	63.2	67.4	65.0	67.2	66.6	3.06	3.26	3.04	21.97	22.10	0.0	30.6	53.2	5.6	20.7	77.5	165.0	77.5	72.0
255	2.0	62.2	65.6	64.9	66.7	66.4	2.19	2.30	2.20	18.29	18.42	0.0	31.0	49.8	5.2	17.2	77.0	181.5	76.8	71.4
256	2.0	61.6	64.4	64.7	67.2	66.0	1.77	1.85	1.77	15.71	15.88	0.0	31.2	47.4	5.0	15.0	77.7	196.4	77.6	71.8
257	2.0	61.3	63.9	64.7	67.2	66.1	1.51	1.61	1.51	14.02	14.07	0.0	31.4	46.1	4.8	13.1	76.5	212.4	76.5	71.6
258	2.0	61.9	64.2	65.4	67.2	66.7	1.35	1.40	1.36	12.31	12.63	0.0	31.6	44.3	4.5	11.6	77.6	230.5	78.1	71.1
259	2.0	61.2	63.4	64.8	67.2	66.0	1.31	1.39	1.29	11.42	11.48	0.0	31.6	43.6	4.5	10.8	77.1	244.0	76.8	71.5

SRL Single Tube Flow Instability Test # 2.0
Stainless Steel ID = 0.745"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FXO1	FMO1	OTI1	TRTO1	TJXO1										
TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRTI1	TJTI1											
162	2.0	64.0	68.4	64.3	65.7	-0.5	4.03	4.31	4.04	25.26	25.23	0.0	5.2	30.2	0.0	24.0	77.0	141.8	77.1	72.7
163	2.0	61.7	64.3	64.1	65.2	-1.0	2.06	2.19	2.09	17.75	17.79	0.0	5.3	22.6	0.0	16.8	77.5	168.9	77.9	73.0
164	2.0	61.7	63.7	64.4	65.2	-0.3	1.66	1.81	1.66	15.42	15.54	0.0	5.3	20.4	0.0	14.6	76.6	181.2	76.6	72.8
165	2.0	62.7	65.7	64.5	65.2	-0.5	2.59	2.75	2.61	19.96	20.09	0.0	5.3	25.0	0.2	18.9	76.3	157.4	75.7	72.9
166	2.0	63.7	67.6	64.5	65.7	-1.7	3.59	3.80	3.61	23.72	23.75	0.0	5.3	28.7	0.0	22.4	76.6	145.4	77.0	72.7
167	2.0	64.9	69.9	64.6	65.7	-1.4	4.67	4.99	4.69	27.24	27.46	0.0	5.2	32.4	2.5	25.8	77.5	137.5	78.0	72.4
168	2.0	67.0	74.2	64.5	66.2	-1.5	6.85	7.28	6.94	33.46	33.51	0.0	5.2	36.5	3.8	31.5	77.1	126.5	77.2	72.7
169	2.0	61.1	62.4	64.3	65.7	-0.7	1.10	1.19	1.11	10.99	11.14	0.0	5.4	16.1	0.0	10.6	76.5	222.5	77.0	72.9
170	2.0	61.5	62.4	64.7	65.7	-1.1	1.02	1.08	1.01	9.46	9.63	0.0	5.4	14.5	0.0	9.2	76.1	246.6	76.6	73.1
171	2.0	61.9	62.7	64.9	66.2	-0.5	1.14	1.17	1.11	8.46	8.71	0.0	5.4	13.4	0.0	8.5	76.0	263.0	76.5	73.1
172	2.0	64.0	64.8	66.4	66.7	-0.4	1.66	1.81	1.11	7.46	7.79	0.0	5.4	11.2	0.0	7.7	77.0	287.0	77.3	73.0
173	2.0	62.8	63.1	64.4	65.7	-0.7	2.12	2.34	2.13	7.37	7.72	0.0	5.4	12.5	0.0	7.5	77.8	289.5	78.4	73.3
174	2.0	68.7	78.5	64.6	66.7	66.8	8.82	9.32	8.90	37.96	38.19	0.0	11.2	49.3	5.1	35.8	77.5	120.0	69.7	72.1
175	2.0	68.8	78.5	64.4	66.7	66.4	9.13	9.58	9.26	37.87	37.95	0.1	11.2	49.2	5.0	35.6	76.5	105.1	70.9	72.4
176	2.0	67.6	76.0	64.5	67.2	66.4	7.79	8.21	7.89	34.72	34.96	0.0	11.3	46.0	4.7	32.9	77.0	108.5	69.7	72.1
177	2.0	66.1	73.3	64.3	66.7	66.0	6.53	6.91	6.60	31.67	31.90	0.0	11.4	43.1	4.4	30.0	77.0	111.5	70.7	72.1
178	2.0	64.5	70.2	64.2	66.7	65.9	5.05	5.29	5.06	27.61	27.81	0.0	11.5	39.3	3.9	26.2	76.8	115.6	69.7	72.2
179	2.0	63.1	66.8	65.1	67.2	66.4	2.79	2.95	2.82	20.48	20.48	0.3	11.7	32.0	3.0	19.3	77.0	130.0	68.6	72.1
180	2.0	61.9	65.1	64.6	66.7	65.9	2.30	2.41	2.31	18.16	18.36	0.0	11.8	30.0	2.8	17.3	77.0	136.0	68.3	72.5
181	2.0	62.0	64.8	65.2	67.2	66.3	1.76	1.85	1.76	16.06	15.96	0.1	11.9	27.8	2.6	15.2	75.9	144.7	69.5	73.9
182	2.0	61.1	63.8	64.2	66.2	65.4	1.77	1.81	1.76	15.97	15.96	0.1	11.9	27.6	2.4	15.2	77.7	146.4	69.8	74.0
183	2.0	61.2	63.6	64.6	66.2	66.1	1.43	1.55	1.43	14.23	15.55	0.0	11.9	26.0	2.4	13.5	77.1	153.8	68.5	73.7
184	2.0	61.3	63.6	65.2	66.7	66.2	1.21	1.19	1.21	13.21	13.24	0.0	12.0	24.9	2.1	12.5	78.2	161.5	69.7	74.0
185	2.0	61.1	63.3	64.8	66.7	65.8	1.23	1.36	1.22	13.18	13.18	0.1	11.9	24.9	2.1	12.4	77.0	161.5	68.7	73.7
186	2.0	60.9	62.9	64.7	66.7	65.8	1.06	1.03	1.05	12.12	12.10	0.0	12.0	23.9	2.1	11.5	77.4	168.0	70.1	73.9
187	2.0	60.3	62.2	64.5	66.2	65.5	0.79	0.70	1.26	10.66	10.55	0.0	12.0	22.2	1.7	9.9	77.1	181.9	70.2	73.9
188	2.0	60.7	62.7	65.0	66.7	66.0	0.82	0.86	0.81	10.61	10.43	0.0	12.0	22.2	1.8	9.9	77.0	182.5	77.3	77.3
189	2.0	60.3	62.1	64.6	67.2	65.6	0.75	0.77	0.74	9.66	9.74	0.0	12.1	21.4	1.6	9.4	76.8	190.1	77.5	76.1
190	2.0	61.0	62.8	65.4	67.2	66.3	0.68	0.73	0.68	9.08	9.26	0.0	12.0	21.0	1.3	8.8	77.6	196.0	78.5	75.9
191	2.0	60.4	61.9	64.6	66.2	65.7	0.63	0.67	0.64	8.58	8.71	0.0	12.0	20.4	1.3	8.4	78.1	203.0	78.8	75.8
192	2.0	60.3	61.9	64.7	66.7	65.6	0.64	0.66	0.64	8.53	8.65	0.0	12.0	20.4	1.2	8.4	77.2	203.8	77.9	75.6
193	2.0	60.4	62.0	64.8	66.7	65.7	0.63	0.65	0.60	8.14	8.29	0.0	12.1	19.9	1.1	8.0	77.1	209.0	78.3	75.3
194	2.0	60.3	61.9	64.8	66.2	65.8	0.55	0.54	0.58	7.84	7.95	0.0	12.0	19.5	0.9	7.8	76.7	214.0	76.8	75.3
195	2.0	60.6	62.1	64.9	66.7	65.9	0.60	0.62	0.54	7.30	7.59	0.0	12.1	19.0	0.5	7.3	76.2	221.5	77.0	75.2
196	2.0	60.0	61.5	64.6	66.2	65.5	0.51	0.48	0.52	6.64	7.00	0.0	12.1	18.7	0.8	7.0	77.0	233.0	77.7	75.4
197	2.0	60.1	61.4	64.5	66.7	65.4	0.55	0.55	0.52	5.75	6.30	0.0	12.1	18.4	0.5	6.3	77.3	249.0	78.1	75.0
198	2.0	61.4	62.8	65.8	67.2	66.6	0.71	0.62	0.74	3.46	5.58	0.0	12.1	17.4	0.0	5.8	77.5	272.0	78.6	75.0
199	2.0	60.8	62.2	65.1	66.7	66.0	0.79	0.83	0.75	3.94	5.59	0.0	12.1	18.0	0.1	5.8	77.5	272.5	78.5	75.2
200	2.0	61.7	63.1	65.2	66.2	65.6	1.40	1.49	1.43	3.21	4.86	0.0	12.1	15.8	0.5	5.3	77.5	298.2	78.3	74.9
201	2.0	60.5	61.9	64.6	66.2	65.5	0.88	0.97	0.88	4.33	5.40	0.0	12.1	15.6	0.0	5.6	77.6	280.1	78.7	75.2
202	2.0	60.2	62.1	64.3	66.2	65.4	0.90	0.97	0.86	10.89	10.93	0.0	12.0	22.9	0.0	10.4	77.1	177.5	77.4	75.2
203	2.0	62.8	67.1	64.1	66.7	65.6	3.61	3.78	3.58	23.20	23.16	0.0	11.7	34.7	0.0	21.7	76.5	123.0	76.5	75.0
204	2.0	64.1	69.3	64.6	66.7	66.2	4.50	4.71	4.53	26.22	26.12	0.0	11.6	37.5	0.0	24.6	78.2	119.5	79.2	75.3
205	2.0	65.7	72.1	64.9	66.7	66.5	5.75	6.07	5.80	29.87	29.89	0.1	11.5	41.3	0.2	26.0	76.3	113.0	76.7	75.3
206	2.0	69.0	79.7	64.6	67.2	67.2	9.23	9.80	9.32	40.17	40.20	0.3	10.0	50.6	5.4	37.7	76.6	139.9	76.8	70.2
207	2.0	67.6	76.9	64.6	67.2	66.6	7.84	8.32	7.94	37.21	37.11	0.0	10.1	47.3	4.9	34.7	76.6	146.0	76.7	69.4
208	2.0	66.7	74.5	65.2	67.7	66.8	6.53	6.92	6.56	33.47	33.54	0.0	10.1	43.8	4.5	31.4	76.6	152.0	76.4	69.6
209	2.0	66.3	74.2	64.8	66.7	66.4	6.53	6.93	6.54	33.78	33.61	0.0	10.2	44.0	4.4	31.5	76.5	153.4	76.7	70.3
210	2.0	65.4	71.9	65.2	67.2	66.9	5.20	5.52	5.19	29.61	29.67	0.0	10.3	40.0	4.1	27.9	76.2	161.8	76.2	69.6

SRL Single Tube Flow Instability Test # 2.0
Stainless Steel ID = 0.745"

1	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	BL	TEW95W	TEW84N	TEW72W	TEW60N	TEW48W	TEW36N	TEW24W	TEW12N	TEW01W											
TJTO1	BL	TEW95E	TEW84S	TEW72E	TEW60S	TEW48E	TEW36S	TEW24E	TEW12S	TEW01E											
162	142.3	0	0	329.5	332.4	343.5	239.7	350.1	352.2	353.7	355.0	356.2	361.2	366.6	368.0	374.5	372.2	380.2	374.4	382.6	383.0
163	168.0	0	0	349.8	331.5	371.1	239.2	380.1	382.4	379.5	381.6	389.2	392.7	402.4	404.9	413.0	411.7	419.0	410.7	425.0	422.3
164	180.1	0	0	357.9	337.3	383.4	240.0	392.1	396.0	390.2	392.2	401.6	404.2	413.7	418.2	425.3	425.7	429.8	421.6	435.4	434.6
165	156.8	0	0	345.1	335.6	361.3	239.4	369.5	370.6	374.6	374.8	377.7	383.6	389.3	390.6	399.4	396.8	406.4	399.3	409.8	410.9
166	146.1	0	0	332.5	325.7	347.1	239.8	355.0	356.0	359.0	359.9	361.3	367.2	371.9	373.3	380.8	377.9	387.0	378.3	385.0	390.3
167	138.3	0	0	322.7	315.9	337.0	238.9	343.7	345.2	346.1	347.3	349.1	354.0	358.4	360.4	366.7	364.2	371.5	364.8	369.5	374.5
168	125.7	0	0	309.9	303.8	322.5	238.9	328.3	329.6	329.5	331.2	332.5	336.4	340.3	342.6	347.8	345.4	351.6	344.3	346.1	353.6
169	222.3	0	0	390.7	349.8	416.2	239.8	424.8	428.9	414.5	418.8	429.7	431.6	441.6	445.7	451.0	451.8	453.1	443.4	457.6	459.5
170	246.7	0	0	409.4	371.4	424.3	239.7	432.9	437.3	425.9	426.7	437.8	440.9	446.4	453.7	457.5	459.7	458.1	450.9	459.8	464.7
171	263.6	0	0	426.5	397.1	429.0	239.2	438.3	442.1	435.1	436.8	444.1	448.7	453.7	457.8	460.4	461.9	460.3	452.0	460.7	465.2
172	287.4	0	0	431.1	406.7	434.0	240.6	443.8	447.0	439.8	441.5	448.9	453.1	457.0	461.2	462.1	464.2	460.9	452.6	455.8	464.9
173	290.2	0	0	432.8	412.2	434.3	239.6	443.8	447.2	441.9	443.6	449.8	454.7	457.3	461.0	461.9	463.8	461.2	453.6	457.0	464.6
174	119.6	0	0	297.3	284.5	310.2	239.0	314.8	317.4	313.7	314.1	318.3	321.1	325.8	328.2	332.4	330.5	332.2	326.7	338.8	335.1
175	105.1	0	0	232.6	231.9	241.1	238.8	244.5	246.0	245.5	246.5	247.2	249.9	253.1	253.9	257.2	255.9	258.4	255.6	258.4	260.0
176	107.5	0	0	234.4	227.7	244.5	238.4	248.0	249.9	247.7	248.7	251.0	252.9	257.0	258.6	261.8	260.9	261.3	259.3	262.0	263.3
177	111.2	0	0	239.1	229.6	249.9	238.4	254.3	255.9	253.5	254.0	256.7	258.9	263.7	265.2	268.6	267.7	268.3	265.6	267.9	270.2
178	115.0	0	0	242.1	231.7	254.8	239.2	258.9	261.4	257.9	258.7	262.6	264.0	269.0	271.6	274.9	274.4	274.0	272.6	275.4	277.2
179	128.8	0	0	260.2	247.9	275.0	238.2	280.6	282.6	281.5	281.5	286.1	286.0	294.9	296.4	301.4	300.4	302.2	299.1	303.2	305.5
180	135.0	0	0	267.6	256.6	283.3	238.3	289.0	290.7	290.8	290.9	295.7	298.4	304.6	305.9	312.2	310.3	314.0	310.6	317.7	318.2
181	146.2	0	0	277.1	264.0	295.8	239.1	302.3	304.5	303.6	304.3	309.4	312.0	319.9	321.3	328.7	327.0	330.3	327.9	336.2	335.6
182	147.7	0	0	277.3	264.4	297.1	238.5	303.3	306.2	303.8	305.0	311.2	312.5	320.8	323.3	329.6	328.9	330.4	327.4	333.6	336.4
183	152.9	0	0	284.6	268.7	305.7	240.2	311.2	315.9	313.6	314.2	321.5	323.2	332.0	334.5	341.5	340.4	342.7	339.6	351.9	349.0
184	161.3	0	0	292.5	275.7	314.8	239.9	321.8	324.3	323.5	324.2	331.8	333.9	343.3	344.8	353.0	351.2	355.8	352.3	361.4	362.3
185	161.0	0	0	294.5	280.4	316.3	238.9	324.4	326.4	326.9	327.0	334.3	336.6	345.4	346.6	355.3	353.4	358.9	354.2	363.2	365.3
186	167.5	0	0	299.3	282.0	322.0	240.5	329.5	332.0	332.3	332.2	340.1	342.4	352.2	354.2	363.1	361.3	365.9	362.0	367.7	372.8
187	181.6	0	0	309.8	288.4	337.5	239.2	346.6	349.1	346.2	347.1	357.3	358.7	369.9	372.7	380.2	379.6	380.5	377.7	383.9	389.2
188	181.9	0	0	306.9	282.2	335.2	239.4	344.7	346.3	342.1	342.1	356.1	356.2	368.4	371.2	379.1	379.3	374.2	375.4	383.7	387.6
189	189.7	0	0	314.2	288.7	342.1	239.7	352.1	354.4	351.3	350.9	363.5	364.3	375.8	379.1	386.4	386.9	384.2	383.9	394.2	396.4
190	195.9	0	0	318.4	293.9	348.2	241.0	358.5	360.9	356.3	356.2	368.5	369.3	380.5	383.9	390.8	391.4	388.3	387.0	394.4	400.3
191	203.0	0	0	321.9	297.9	350.4	239.6	361.6	364.0	360.2	360.5	371.9	373.7	384.3	387.7	394.8	395.3	391.8	391.8	400.7	404.4
192	203.8	0	0	327.4	306.7	354.4	241.5	364.9	366.3	365.7	365.1	375.2	378.5	388.2	389.7	396.2	397.5	396.1	396.7	406.2	408.8
193	208.9	0	0	330.7	310.9	358.0	238.4	368.0	370.4	367.3	367.8	377.4	380.5	390.2	393.0	400.1	400.0	399.7	396.4	401.6	411.1
194	213.8	0	0	334.3	314.8	361.7	238.9	372.0	374.4	370.8	371.0	380.3	383.9	393.6	395.7	403.1	402.7	402.3	398.6	404.9	414.4
195	221.7	0	0	342.3	322.3	367.8	240.1	377.0	379.3	374.8	375.5	384.7	388.1	397.5	399.0	406.5	406.2	405.3	400.5	409.3	418.1
196	233.4	0	0	344.3	323.8	371.3	240.2	380.5	383.9	377.2	378.1	388.0	391.1	400.6	403.5	409.7	410.4	407.2	406.1	411.4	421.3
197	249.8	0	0	351.6	328.0	377.4	239.2	385.7	388.9	382.1	382.9	393.0	395.8	404.8	408.0	412.8	414.9	409.4	405.4	416.1	423.4
198	272.5	0	0	368.8	340.1	384.1	239.1	391.1	394.9	388.1	389.4	398.6	402.2	409.9	413.2	416.8	418.7	412.2	408.2	414.4	423.0
199	273.0	0	0	375.5	347.9	383.5	239.2	390.9	394.0	389.5	391.1	398.7	402.7	410.4	413.1	416.5	418.3	412.8	409.2	417.4	423.0
200	298.3	0	0	382.7	357.5	386.9	240.1	394.8	398.6	394.0	395.1	403.9	407.5	413.6	416.7	418.0	419.9	413.1	407.4	411.3	421.3
201	280.7	0	0	382.5	363.0	384.1	238.5	391.7	394.7	393.3	394.8	401.5	406.2	411.7	413.2	416.5	418.0	412.9	406.9	410.9	421.1
202	177.4	0	0	310.5	305.0	334.3	239.6	342.1	344.7	347.0	347.2	353.0	357.4	365.4	366.8	374.8	373.9	379.2	373.8	381.1	386.4
203	123.1	0	0	257.5	257.6	268.3	239.4	274.1	274.5	277.8	279.2	279.0	283.3	286.7	286.7	292.4	289.4	297.8	292.8	299.1	299.5
204	119.7	0	0	250.0	245.4	261.0	239.3	266.0	267.1	268.3	269.2	270.3	273.8	277.7	278.4	282.8	280.8	285.5	282.5	288.8	288.0
205	113.5	0	0	244.4	240.9	253.6	239.7	258.0	259.0	261.0	262.3	261.7	266.2	268.4	268.8	273.7	271.0	277.6	272.7	276.6	278.3
206	141.3	0	0	397.9	373.2	418.8	346.9	423.3	426.0	418.2	419.3	427.2	429.6	436.8	441.7	447.3	445.4	441.4	439.2	450.1	451.3
207	147.1	0	0	405.9	382.9	424.9	241.6	432.2	435.1	428.0	429.3	436.7	439.2	447.2	451.8	457.7	455.8	452.9	451.6	463.3	462.6
208	151.6	0	0	410.5	387.8	431.0	241.4	438.6	441.4	434.1	436.2	443.8	446.1	454.5	459.6	465.9	464.1	460.0	460.6	473.7	471.6
209	152.7	0	0	415.0	392.7	435.5	242.5	443.3	446.3	439.1	440.6	448.3	451.3	459.6	464.5	471.2	468.8	466.5	465.0	478.5	476.7
210	160.5	0	0	423.7	401.0	443.9	240.9	452.4	454.7	449.8	451.5	458.3	461.9	470.7	475.1	482.6	480.2	479.5	478.4	495.6	490.0

SRL Single Tube Flow Instability Test # 2.0
Stainless Steel ID = 0.745"

1	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	BL	TEW95W	TEW84N	TEW72W	TEW60N	TEW48W	TEW36N	TEW24W	TEW12N	TEW01W											
TJTO1	BL	TEW95E	TEW84S	TEW72E	TEW60S	TEW48E	TEW36S	TEW24E	TEW12S	TEW01E											
211	175.9	0	0	435.3	409.9	459.3	240.0	468.7	472.7	484.0	486.1	476.1	478.0	489.2	495.6	502.7	501.6	494.7	498.7	511.2	508.8
212	190.8	0	0	451.5	423.1	476.6	239.7	487.2	490.7	481.9	484.2	493.9	496.0	506.3	512.1	518.6	518.0	511.0	509.7	517.9	525.0
213	194.7	0	0	455.8	431.1	479.5	240.1	490.2	492.9	486.8	488.3	496.3	500.0	508.7	513.3	519.9	518.7	515.5	514.2	521.3	526.9
214	197.0	0	0	458.6	434.8	482.8	241.0	493.6	496.9	488.8	490.9	498.7	502.3	511.4	516.4	523.2	522.5	517.3	516.1	523.5	529.1
215	219.2	0	0	479.5	453.3	499.4	240.0	508.6	511.9	503.8	505.9	511.9	516.2	522.7	527.2	532.2	532.3	526.0	523.2	529.1	539.0
216	231.1	0	0	487.8	460.7	504.9	241.6	513.4	516.5	508.3	510.6	515.7	520.4	525.9	530.6	534.2	535.0	528.1	526.7	532.6	540.7
217	237.1	0	0	493.3	467.7	506.5	237.1	514.9	518.3	510.4	513.2	516.8	522.3	526.5	531.2	534.1	535.3	528.1	527.1	533.7	539.6
218	254.3	0	0	503.5	476.2	514.2	239.7	521.4	525.9	515.8	518.5	522.1	524.5	530.5	532.6	537.8	538.3	540.3	530.7	529.4	533.9
219	267.4	0	0	507.8	483.9	516.6	240.1	524.7	528.3	518.9	522.1	524.5	530.5	532.6	537.8	538.3	540.3	530.7	529.4	533.9	538.8
220	273.2	0	0	508.7	489.2	516.9	243.4	525.0	528.5	520.0	523.5	524.7	531.1	532.8	537.8	538.3	540.2	530.9	528.5	532.8	537.5
221	278.3	0	0	509.1	491.7	517.6	242.5	525.4	529.0	520.8	524.4	525.0	531.8	533.2	538.0	538.3	540.0	531.1	528.0	528.8	536.7
222	277.8	0	0	508.7	492.6	516.9	238.6	524.8	528.3	520.9	524.0	525.0	531.4	532.8	537.1	537.9	539.2	530.7	527.4	531.2	535.9
223	297.1	0	0	512.1	495.6	521.8	239.5	529.1	533.2	524.9	528.4	528.8	535.6	535.5	539.6	539.4	540.8	532.2	529.8	531.9	535.8
224	284.6	0	0	509.3	495.2	518.1	242.4	525.7	529.0	522.0	525.4	525.1	532.7	532.8	537.6	538.1	539.5	530.3	528.6	533.0	534.8
225	267.8	0	0	506.2	491.8	513.6	237.6	521.5	525.1	518.6	521.3	522.0	529.1	531.2	535.5	537.2	538.8	530.6	526.7	525.8	536.2
226	247.7	0	0	503.9	489.1	509.4	240.3	517.0	520.1	515.2	518.4	518.5	526.1	528.7	532.1	535.1	536.6	530.5	525.5	528.1	536.5
227	228.2	0	0	497.6	483.2	503.1	242.2	511.1	514.4	510.4	513.4	513.6	521.4	524.6	527.6	532.5	532.4	529.8	526.4	531.7	536.8
228	205.0	0	0	475.8	465.3	489.7	241.1	498.9	501.8	499.4	501.3	503.0	510.9	515.4	518.7	524.8	524.0	524.7	519.4	533.5	531.3
229	183.6	0	0	457.2	449.6	472.7	239.5	483.0	484.6	486.6	488.0	489.3	497.4	502.6	504.8	512.7	510.4	515.9	509.8	514.7	520.1
230	168.2	0	0	441.2	433.5	456.7	239.1	467.2	468.4	471.0	472.2	474.6	481.8	488.0	490.3	498.5	495.2	502.5	495.9	507.1	506.4
231	156.8	0	0	427.7	419.6	443.6	239.2	452.5	454.1	455.2	457.0	458.9	466.2	471.6	473.5	481.8	478.0	486.4	480.2	495.3	490.1
232	108.5	0	0	245.3	238.7	262.2	259.7	265.8	268.1	263.7	264.5	268.6	269.3	274.7	273.6	280.1	279.1	275.1	277.2	189.5	279.6
233	111.2	0	0	246.8	240.6	264.9	262.0	269.4	271.9	266.3	267.1	272.3	272.3	278.2	281.2	284.1	283.6	278.3	281.2	198.3	283.2
234	115.6	0	0	254.3	247.3	273.6	270.7	278.4	281.3	275.1	276.5	281.8	282.0	288.2	291.5	294.6	294.5	288.6	291.6	183.6	294.0
235	118.3	0	0	259.1	252.3	277.5	275.6	282.5	285.0	281.1	282.6	286.7	287.7	293.5	295.6	299.9	298.5	295.8	298.9	185.0	300.6
236	126.4	0	0	264.2	256.4	287.0	283.0	292.1	295.3	289.1	290.8	297.1	298.6	305.1	307.2	311.6	310.7	304.8	309.6	206.8	311.7
237	141.8	0	0	278.8	268.6	306.4	302.7	313.3	316.1	311.5	312.1	320.3	319.4	329.5	332.0	337.6	337.0	330.4	336.2	233.0	340.2
238	143.1	0	0	282.5	273.0	308.2	305.9	315.9	318.7	313.9	314.9	322.5	322.8	331.8	335.3	340.9	340.6	335.4	339.2	210.7	344.2
239	160.3	0	0	298.0	285.7	330.8	325.9	338.8	341.8	336.4	337.6	347.9	346.7	359.4	362.1	370.0	368.8	361.1	368.5	260.0	374.1
240	209.1	0	0	332.8	314.1	380.0	372.7	390.6	394.0	382.6	384.9	395.9	394.0	407.0	411.4	417.8	419.3	404.1	413.9	248.0	421.7
241	229.7	0	0	347.5	329.1	388.6	383.0	399.6	403.6	393.0	394.1	404.1	403.6	414.5	419.9	426.0	427.7	414.8	422.2	276.0	432.0
242	256.9	0	0	363.2	342.7	397.0	391.9	407.3	411.0	401.2	402.5	411.9	411.7	422.3	427.8	431.6	434.3	420.7	426.1	240.2	436.9
243	274.2	0	0	383.2	363.3	404.9	399.5	412.7	416.1	409.0	410.7	418.1	420.1	428.5	431.8	434.0	436.8	424.9	429.2	280.3	436.0
244	297.5	0	0	393.0	378.4	407.8	403.4	416.2	419.8	413.8	415.4	422.7	425.4	430.7	433.7	435.0	437.8	426.1	427.9	273.9	434.3
245	179.5	0	0	327.8	323.6	353.9	354.6	364.5	365.7	368.2	368.2	375.1	378.4	387.1	388.5	396.4	395.2	397.3	399.0	261.9	405.6
246	133.4	0	0	282.0	279.6	299.3	297.8	305.0	306.8	307.6	309.0	311.2	314.8	320.4	320.5	326.6	324.5	328.8	326.8	169.8	332.5
247	121.3	0	0	266.9	264.8	282.6	281.8	288.0	290.1	289.3	290.9	292.6	295.8	300.6	301.9	306.4	305.1	307.5	306.0	206.6	310.2
248	110.8	0	0	261.4	260.0	270.3	272.8	275.0	274.6	280.4	280.9	279.0	285.2	285.3	284.6	289.8	286.4	297.7	289.8	196.2	296.1
249	129.5	0	0	318.2	301.9	348.6	342.7	354.4	357.8	348.4	352.0	358.4	358.7	367.4	370.8	375.0	374.0	364.4	371.2	254.9	374.8
250	133.7	0	0	329.6	318.7	353.3	349.8	359.8	362.5	356.6	358.5	363.6	365.5	372.7	375.9	381.0	379.8	374.9	378.3	263.4	383.2
251	139.5	0	0	334.0	323.8	359.6	355.6	366.6	369.7	363.1	365.1	371.0	372.2	381.0	384.8	389.8	388.8	382.3	386.4	270.9	391.6
252	148.2	0	0	343.2	332.0	372.6	367.3	380.2	384.0	375.8	377.1	385.7	385.7	396.3	400.7	406.2	405.8	396.4	403.3	265.9	408.6
253	149.4	0	0	349.3	339.7	374.5	371.6	382.3	384.8	381.2	382.0	388.4	390.6	399.1	402.0	408.5	406.7	404.9	405.8	278.7	413.5
254	163.7	0	0	358.0	348.0	392.0	385.9	402.1	405.3	396.5	398.2	408.2	407.2	420.4	425.9	433.3	433.2	420.9	429.7	292.3	436.8
255	180.7	0	0	377.8	362.6	411.5	407.2	422.3	424.9	420.3	422.1	431.8	432.7	444.4	448.4	455.7	454.8	447.8	452.1	274.5	461.3
256	197.6	0	0	389.9	373.7	427.5	421.1	438.9	442.5	435.0	436.8	445.3	446.7	457.0	461.3	467.8	468.0	459.2	463.6	277.3	472.4
257	211.8	0	0	398.5	380.5	438.1	430.0	448.7	452.7	442.0	444.2	452.5	453.6	462.9	468.2	473.9	475.1	464.4	468.3	283.1	479.5
258	230.5	0	0	417.1	398.7	450.0	443.1	458.5	461.8	453.3	455.6	461.8	464.1	471.7	476.1	481.3	482.5	473.0	475.4	291.0	487.5
259	243.7	0	0	434.2	414.7	456.9	452.3	465.6	468.3	461.1	463.1	468.0	471.4	477.9	481.6	485.8	487.3	477.5	480.9	321.4	490.3

SRL Single Tube Flow Instability Test # 2.0
Stainless Steel ID = 0.745"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VOLTB	CURRT	HRATIO	BL	BL	BL	BL	BL	BL	BL	BL	HL	YEAR	DAY	MIN						
	HFLX	VOLTT	QUALITY	BL	BL	BL	BL	ID	DPL	MONTH	HRS	RUN										
211	366.7	0.807	88.2	87.8	4201	-13.7	101.5	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	18	211	
212	367.0	0.803	88.3	87.8	4180	-12.1	101.8	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	21	212	
213	360.9	0.789	87.6	87.0	4147	-11.6	101.7	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	25	213	
214	367.6	0.804	88.5	87.9	4181	-11.4	101.8	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	27	214	
215	366.0	0.800	88.4	88.0	4159	-9.1	102.6	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	33	215	
216	364.1	0.796	88.3	87.8	4145	-7.9	102.6	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	36	216	
217	362.6	0.794	88.2	87.7	4138	-7.2	102.4	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	39	217	
218	367.6	0.804	89.0	88.3	4163	-5.3	102.4	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	42	218	
219	367.6	0.804	88.9	88.4	4161	-3.9	102.2	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	44	219	
220	366.2	0.801	88.9	88.1	4158	-3.5	102.8	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	47	220	
221	366.0	0.801	88.7	88.2	4150	-3.1	103.3	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	49	221	
222	367.0	0.803	88.5	88.5	4146	-3.0	103.4	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	51	222	
223	364.8	0.796	88.6	88.1	4143	-0.5	102.0	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	54	223	
224	364.4	0.797	88.5	88.0	4142	-2.4	103.7	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	15	57	224	
225	365.0	0.796	88.5	88.0	4147	-3.8	102.5	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	16	0	225	
226	363.6	0.795	88.3	87.8	4143	-6.2	103.4	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	16	3	226	
227	363.5	0.795	88.2	87.6	4148	-8.1	103.1	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	16	6	227	
228	365.4	0.799	88.2	87.7	4167	-10.5	102.6	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	16	9	228	
229	365.9	0.800	88.0	87.5	4181	-12.9	102.2	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	16	12	229	
230	366.5	0.802	87.8	87.3	4199	-14.4	102.4	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	16	15	230	
231	368.2	0.805	87.7	87.2	4223	-15.8	102.1	0	0	0	0	0	0.745	96.0	100.5	1988	12	12	16	19	231	
232	181.5	0.397	59.3	59.0	3075	-20.9	101.5	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	14	22	232	
233	181.4	0.397	59.4	59.1	3071	-20.5	101.6	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	14	30	233	
234	184.8	0.404	60.1	59.8	3092	-20.1	102.2	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	14	36	234	
235	181.5	0.397	59.6	59.3	3081	-19.8	101.7	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	14	40	235	
236	181.8	0.396	59.8	59.5	3056	-19.1	102.3	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	14	43	236	
237	180.2	0.394	59.9	59.6	3025	-17.5	101.7	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	14	46	237	
238	184.5	0.403	60.7	60.3	3058	-17.4	102.0	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	14	48	238	
239	182.9	0.400	60.8	60.4	3027	-15.5	102.9	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	14	52	239	
240	184.4	0.403	61.8	61.4	3001	-10.3	103.3	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	14	56	240	
241	183.6	0.402	61.7	61.4	2990	-7.9	102.1	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	14	59	241	
242	182.5	0.399	61.7	61.3	2977	-4.9	102.0	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	15	1	242	
243	182.3	0.399	61.6	61.3	2973	-3.3	103.1	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	15	4	243	
244	182.1	0.398	61.6	61.3	2970	-0.6	102.3	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	15	8	244	
245	182.0	0.398	61.0	60.7	3000	-13.3	102.1	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	15	15	245	
246	181.3	0.397	59.9	59.6	3043	-18.4	102.6	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	15	22	246	
247	181.7	0.397	59.7	59.4	3080	-19.7	102.3	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	15	28	247	
248	182.4	0.399	59.6	59.2	3081	-20.7	101.5	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	15	31	248	
249	275.4	0.602	74.5	74.0	3720	-18.8	101.4	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	15	37	249	
250	273.8	0.599	74.3	73.9	3705	-18.4	101.9	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	15	42	250	
251	272.4	0.596	74.4	73.9	3686	-17.6	101.8	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	15	44	251	
252	274.4	0.600	74.8	74.4	3687	-16.7	102.1	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	15	47	252	
253	273.8	0.599	74.9	74.3	3683	-16.7	101.5	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	15	51	253	
254	276.9	0.606	75.6	75.2	3683	-14.9	101.5	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	15	54	254	
255	274.8	0.601	75.7	75.2	3653	-13.1	101.8	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	15	57	255	
256	273.9	0.599	75.7	75.3	3636	-11.3	101.9	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	16	1	256	
257	272.3	0.596	75.6	75.3	3619	-9.8	102.2	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	16	2	257	
258	272.4	0.596	75.8	75.4	3613	-8.1	103.3	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	16	6	258	
259	274.8	0.601	76.3	75.7	3628	-6.3	101.6	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	16	10	259	

SRL Single Tube Flow Instability Test # 2.0
Stainless Steel ID = 0.745"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
RUN	TEST	PT11	PT12	PTO1	PTO2	PTO3	DPT1	DPT2	DPT3	FT11	FT12	FXO1	FXO2	FMO1	FMO2	OT11	TRT11	TRT01	TJT11	TJX01
260	2.0	61.2	63.4	64.8	67.2	66.1	1.30	1.37	1.41	10.71	10.76	0.0	31.7	43.2	4.5	10.1	76.5	257.1	76.7	71.9
261	2.0	64.0	65.8	65.8	67.7	66.5	3.12	3.24	3.22	8.53	8.91	0.0	31.9	42.0	4.3	8.3	77.5	295.5	77.8	71.8
262	2.0	63.2	64.8	64.1	66.7	64.5	3.65	3.86	3.67	7.88	8.35	0.0	31.9	42.5	4.3	8.0	77.2	297.2	76.9	71.6
263	2.0	61.8	64.0	65.0	67.2	66.4	1.81	1.79	1.81	10.25	9.90	0.0	31.7	42.1	4.3	9.4	77.0	268.5	77.8	72.1
264	2.0	62.0	64.3	64.8	67.2	66.2	2.72	2.64	2.70	8.81	9.00	0.0	31.8	41.3	4.3	8.7	77.5	286.5	76.7	71.8
265	2.0	61.0	63.3	64.6	67.2	65.9	1.34	1.39	1.34	11.74	11.94	0.0	31.7	44.3	4.6	11.1	76.4	240.4	76.7	71.7
266	2.0	62.3	65.4	65.1	67.2	66.5	2.04	2.16	2.05	17.31	17.38	0.0	31.1	49.0	5.0	16.3	77.5	188.5	76.9	71.9
267	2.0	63.3	68.0	64.5	67.2	66.3	3.51	3.75	3.51	23.69	23.90	0.0	30.4	55.2	5.8	22.4	77.0	158.0	77.2	71.8
268	2.0	64.8	71.1	64.5	67.2	66.4	5.09	5.37	5.08	28.83	29.04	0.0	29.9	60.1	6.2	27.1	76.5	143.6	76.1	72.1
269	2.0	37.7	44.4	34.8	36.2	36.1	7.09	7.50	7.14	33.61	33.53	4.4	7.6	41.0	4.3	31.8	77.4	115.5	77.8	74.1
270	2.0	36.7	42.0	35.1	36.4	36.3	5.75	6.06	5.78	30.13	29.97	0.0	7.7	37.6	3.8	28.3	77.1	119.5	77.8	74.3
271	2.0	35.1	39.2	34.8	36.2	35.8	4.45	4.67	4.47	26.37	26.22	0.3	7.8	33.8	3.4	24.7	76.6	125.0	77.4	73.3
272	2.0	34.1	37.3	34.9	36.2	35.8	3.42	3.59	3.44	23.12	22.89	0.0	7.9	30.7	2.9	21.7	77.0	132.5	77.7	73.8
273	2.0	32.5	34.7	34.4	36.7	35.2	2.36	2.47	2.37	18.90	18.82	0.0	8.0	26.9	2.4	17.9	77.3	145.5	78.2	73.5
274	2.0	32.2	34.1	34.6	35.7	35.3	1.92	2.05	1.91	16.90	16.67	0.2	8.0	24.5	2.0	15.9	77.0	153.5	77.3	73.4
275	2.0	32.1	33.6	34.8	36.2	35.5	1.55	1.62	1.54	14.96	14.83	0.2	8.0	22.6	1.4	14.1	76.4	162.0	77.1	73.6
276	2.0	31.8	32.9	34.7	36.2	35.5	1.33	1.40	1.34	13.74	13.38	0.0	8.0	21.2	0.7	12.8	77.5	172.5	78.1	73.7
277	2.0	31.4	32.4	34.8	35.7	35.4	1.07	1.10	1.08	13.13	11.47	0.0	8.1	19.0	0.4	11.0	77.6	189.2	78.0	73.2
278	2.0	31.4	32.4	34.9	35.7	35.5	0.96	1.03	1.01	11.04	10.72	0.0	8.1	17.4	0.0	10.2	76.5	196.5	77.7	73.2
279	2.0	31.3	32.2	34.9	35.7	35.5	0.93	0.99	0.93	10.19	9.84	0.0	8.1	17.7	0.4	9.5	76.5	206.5	77.2	73.8
280	2.0	31.0	32.0	34.7	36.2	35.4	0.91	0.95	0.88	10.40	9.45	0.2	8.1	18.2	0.0	9.2	77.5	216.0	77.8	73.7
281	2.0	31.8	32.5	35.1	36.2	35.8	1.10	1.19	1.11	8.88	8.33	0.2	8.1	17.0	0.0	8.0	76.3	236.5	77.3	74.0
282	2.0	33.2	33.8	35.7	36.7	36.3	1.85	1.63	1.86	7.80	7.47	0.2	8.0	14.8	0.1	7.4	77.1	250.9	77.8	73.6
283	2.0	32.9	33.3	34.9	36.7	35.5	2.15	2.14	2.00	8.34	7.39	0.0	8.0	15.2	0.0	7.4	77.6	252.6	78.3	73.6
284	2.0	32.5	33.2	35.2	36.7	35.5	1.87	1.98	2.45	7.62	7.29	0.0	8.0	13.6	0.0	7.2	78.0	255.5	78.5	73.8
285	2.0	32.9	33.3	34.8	36.7	35.3	2.37	2.60	2.49	7.11	7.22	0.0	8.0	15.1	0.0	7.2	77.5	256.8	77.7	73.7
286	2.0	31.0	31.6	34.0	35.2	34.8	1.26	1.47	1.36	8.08	7.95	0.0	8.1	13.8	0.0	7.8	76.8	239.8	77.4	73.8
287	2.0	31.0	31.6	34.3	35.2	35.0	0.89	0.94	0.88	9.31	8.87	0.0	8.0	15.2	0.0	8.6	76.0	223.1	76.4	73.9
288	2.0	31.5	32.8	34.7	36.0	35.5	1.16	1.21	1.18	12.66	12.24	0.0	8.0	19.7	0.0	11.8	76.0	181.5	76.8	74.0
289	2.0	32.9	35.7	34.5	35.7	35.5	2.78	2.96	2.77	20.49	20.43	0.0	7.9	28.1	0.0	19.3	76.6	140.2	77.0	74.1
290	2.0	35.5	40.6	34.7	36.2	36.1	5.14	5.47	5.19	28.34	28.42	0.1	7.7	36.0	0.0	26.6	76.0	121.7	76.4	74.2
291	2.0	37.6	44.9	34.9	36.2	36.4	7.06	7.50	7.21	34.41	34.31	4.9	7.5	42.1	0.0	32.3	76.6	132.5	77.2	69.9
292	2.0	36.4	42.4	34.9	36.2	36.2	5.85	6.21	5.85	30.91	31.05	2.5	7.6	38.5	0.0	29.1	76.8	139.0	77.6	70.9
293	2.0	35.2	40.4	34.7	36.2	35.9	4.93	5.23	4.91	28.44	28.34	1.0	7.7	36.4	0.0	26.7	76.6	144.0	77.8	70.5
294	2.0	34.4	38.5	34.8	36.2	35.9	3.93	4.17	3.95	25.17	25.11	2.1	7.7	33.0	0.1	23.6	76.4	153.0	77.3	70.9
295	2.0	33.3	36.5	34.8	36.2	35.6	3.01	3.18	3.04	21.78	21.70	0.4	7.8	29.1	0.0	20.3	77.1	165.5	77.5	71.0
296	2.0	32.7	35.1	34.9	36.2	35.8	2.29	2.41	2.29	18.01	17.97	0.5	7.9	25.4	0.0	17.0	77.0	183.5	77.3	72.1
297	2.0	32.2	34.1	34.9	36.2	35.6	1.89	1.98	1.87	15.19	15.05	0.0	7.9	23.4	0.0	14.1	76.9	204.0	77.1	71.8
298	2.0	32.2	33.9	34.9	36.2	35.7	1.77	1.85	1.76	14.28	14.24	0.0	8.0	22.1	0.0	13.4	76.2	211.5	77.1	71.7
299	2.0	32.2	33.6	34.9	36.2	35.7	1.68	1.99	1.97	13.39	12.51	0.0	7.9	21.4	0.0	11.9	77.2	229.0	78.1	72.4
300	2.0	32.8	34.3	34.5	36.2	36.0	3.03	3.17	3.40	12.21	11.61	0.0	7.9	19.8	0.0	11.1	77.6	245.6	78.1	72.5
301	2.0	33.5	34.9	34.2	35.7	35.8	3.69	4.01	3.27	12.12	11.59	0.0	7.9	17.6	0.0	10.9	76.6	244.2	77.3	72.7

SRL Single Tube Flow Instability Test # 2.0
Stainless Steel ID = 0.745"

1	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	BL	TEW95W	TEW84N	TEW72W	TEW60N	TEW48W	TEW36N	TEW24W	TEW12N	TEW01W											
TJTO1	BL	TEW95E	TEW84S	TEW72E	TEW60S	TEW48E	TEW36S	TEW24E	TEW12S	TEW01E											
260	256.7	0	0	443.4	426.2	460.6	455.6	466.6	472.1	464.3	466.4	470.8	474.9	480.2	484.2	486.6	488.6	478.1	480.6	303.9	488.1
261	295.6	0	0	445.1	429.2	463.2	458.3	472.4	476.8	466.7	468.8	473.6	477.1	482.0	486.1	488.6	491.5	479.4	482.0	326.4	486.3
262	296.4	0	0	452.4	441.5	468.1	463.2	476.3	480.3	472.6	476.1	478.0	483.0	485.9	489.3	490.2	491.6	481.0	481.5	299.7	487.0
263	268.9	0	0	447.4	437.2	460.4	456.4	469.0	472.5	465.7	467.6	470.7	475.6	481.1	484.9	487.9	490.1	480.5	481.4	279.6	488.2
264	286.5	0	0	449.6	438.4	464.4	459.3	472.9	476.7	468.4	471.4	474.2	478.4	483.2	487.3	489.0	491.1	480.5	482.2	324.1	487.3
265	240.2	0	0	440.2	429.3	453.6	450.5	462.6	465.4	460.3	461.7	464.8	469.9	476.3	479.5	484.8	485.8	480.0	480.7	299.4	489.6
266	187.5	0	0	406.9	403.0	423.0	423.4	433.5	435.0	436.0	438.2	440.6	447.2	453.3	455.3	462.9	461.7	465.6	462.4	319.1	471.3
267	156.9	0	0	368.6	367.2	367.0	366.1	365.6	366.0	366.8	369.8	402.5	407.6	414.1	417.0	424.8	422.6	426.2	423.8	259.6	433.2
268	144.1	0	0	355.4	353.3	372.7	239.7	380.0	381.6	384.2	385.3	386.0	392.2	396.8	398.1	405.4	401.9	411.2	405.1	266.4	413.1
269	115.4	0	0	252.3	247.3	271.5	270.0	276.6	278.8	274.6	275.5	280.0	281.2	286.7	286.8	292.2	291.6	296.8	287.3	296.7	292.9
270	119.9	0	0	257.6	252.3	278.1	275.9	283.1	285.6	281.3	282.6	287.2	288.0	294.1	296.3	300.4	299.2	295.4	297.3	307.1	301.1
271	125.7	0	0	261.2	255.4	284.7	281.3	290.6	293.9	287.2	288.8	294.5	294.3	302.9	305.7	309.4	309.4	301.7	306.6	316.0	309.5
272	133.6	0	0	268.8	261.9	294.9	291.2	301.7	304.7	296.3	300.1	306.7	306.8	315.2	318.1	323.2	322.8	314.5	320.2	330.1	323.5
273	146.7	0	0	281.8	273.3	310.9	306.7	318.7	321.8	316.1	317.4	325.0	325.0	334.8	338.4	344.2	344.2	336.3	342.2	353.2	346.7
274	152.8	0	0	288.6	280.7	319.5	315.0	328.0	331.7	325.4	327.2	335.3	334.7	346.5	349.9	356.4	356.5	347.0	353.3	364.9	359.8
275	161.6	0	0	295.6	287.5	328.1	323.3	337.6	340.6	335.1	336.7	346.0	345.1	357.6	361.5	368.1	368.7	356.2	361.8	373.8	372.7
276	171.9	0	0	302.1	293.3	337.0	332.1	347.9	351.5	345.0	347.0	356.9	356.1	368.9	373.1	379.3	380.0	369.5	376.0	386.4	383.0
277	188.9	0	0	322.0	312.5	354.0	350.6	364.3	367.2	365.5	366.1	371.5	373.6	381.6	383.7	389.0	389.0	385.4	386.6	397.5	396.9
278	196.7	0	0	322.8	314.0	356.8	353.2	368.4	371.3	366.9	367.9	373.7	375.3	384.1	387.2	392.0	392.7	385.1	387.9	398.4	399.1
279	206.7	0	0	330.3	320.0	366.1	241.0	376.9	379.1	374.6	375.9	381.4	383.0	390.5	393.2	396.7	396.5	387.2	387.8	396.8	401.5
280	216.1	0	0	339.2	330.6	371.3	240.0	381.4	382.9	379.5	381.2	383.0	386.6	392.8	395.5	399.5	400.8	394.3	394.5	402.3	403.5
281	236.9	0	0	352.6	340.8	378.8	240.8	386.4	388.8	381.9	384.0	386.2	389.9	396.2	398.9	401.9	403.4	392.1	392.4	397.9	401.8
282	251.3	0	0	357.7	345.8	381.2	240.7	388.1	391.8	383.5	385.7	386.5	391.8	398.0	401.2	403.4	405.5	396.8	398.0	402.8	401.5
283	253.0	0	0	365.8	353.3	381.6	239.7	388.2	391.3	384.8	386.7	389.4	393.3	399.0	401.4	403.8	405.4	396.2	394.3	396.9	401.8
284	255.7	0	0	363.1	353.4	378.9	239.6	386.8	390.3	383.2	385.5	388.5	392.2	398.6	401.2	403.5	405.0	396.3	397.8	402.8	401.7
285	256.7	0	0	368.4	357.9	380.6	240.1	387.8	391.1	384.8	387.0	389.8	393.4	399.2	401.5	403.9	404.9	398.2	399.3	403.9	401.8
286	240.2	0	0	367.1	358.0	376.8	240.3	384.3	386.8	382.6	384.4	386.6	391.3	396.6	398.4	401.8	402.2	397.6	398.7	403.8	401.3
287	223.0	0	0	358.3	351.1	372.3	240.5	380.2	382.4	378.7	380.5	382.8	387.3	393.8	395.6	399.9	400.5	390.4	389.2	396.0	401.4
288	181.5	0	0	328.2	326.6	349.6	239.9	360.0	361.6	363.5	364.5	367.6	372.0	379.0	380.7	386.5	385.8	387.5	384.9	395.8	394.3
289	141.3	0	0	300.1	301.0	310.5	240.8	317.7	318.0	326.2	325.7	324.9	332.4	334.2	334.2	341.9	338.5	353.6	343.3	356.1	353.2
290	121.6	0	0	272.8	273.7	284.7	240.2	289.8	291.8	293.3	294.1	294.2	299.2	302.3	303.6	306.2	306.9	313.2	308.4	318.1	314.0
291	134.1	0	0	322.4	308.6	351.6	347.0	357.8	361.0	352.7	353.9	361.2	361.7	370.3	374.5	378.9	378.3	363.6	367.0	379.7	379.0
292	140.0	0	0	330.1	318.3	361.2	355.1	367.6	371.4	362.2	363.7	371.3	371.6	381.7	386.0	390.9	390.4	376.2	380.3	393.3	391.2
293	145.4	0	0	339.3	329.8	368.1	363.4	374.8	378.2	372.1	373.3	379.9	381.6	390.9	394.5	400.3	398.8	392.7	397.2	410.4	402.9
294	152.8	0	0	345.6	335.0	377.3	240.0	385.7	389.5	381.1	382.7	390.4	391.4	402.2	407.4	412.8	413.3	397.8	402.8	416.8	415.1
295	164.7	0	0	363.2	351.0	393.2	239.7	402.1	405.3	400.7	402.1	408.0	410.9	420.6	423.7	429.7	429.1	423.4	427.0	439.6	434.9
296	183.3	0	0	373.2	359.3	410.1	240.4	420.0	424.2	412.5	415.3	421.6	423.4	433.7	438.0	442.1	442.4	432.8	439.6	449.3	446.5
297	203.7	0	0	383.5	368.2	421.1	240.5	430.8	434.6	420.6	423.8	429.0	431.0	440.6	446.1	450.0	451.3	435.4	439.6	450.5	452.7
298	211.5	0	0	394.5	379.5	426.6	241.6	435.4	439.0	426.9	429.9	433.5	436.9	444.9	449.1	452.9	454.2	438.1	440.0	450.0	455.1
299	229.2	0	0	407.8	393.7	431.8	240.3	439.8	443.3	431.8	434.7	437.8	441.9	448.3	452.0	454.6	456.1	447.4	449.5	456.6	453.2
300	245.5	0	0	418.6	405.2	436.6	240.8	443.6	447.3	435.8	439.0	441.2	445.5	450.9	455.0	457.1	458.9	447.3	449.2	454.3	451.7
301	244.2	0	0	421.7	409.6	437.2	239.8	443.1	446.7	437.2	439.7	441.8	446.3	451.3	454.7	457.0	458.4	446.6	445.2	450.5	451.8

SRL Single Tube Flow Instability Test # 2.0
Stainless Steel ID = 0.745"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VOLTB	CURRT	HRATIO	BL	BL	BL	BL	BL	BL	BL	BL	BL	HL	YEAR	DAY	MIN					
	HFLX	VOLTT	QUALITY	BL	BL	BL	BL	ID	DPL	MONTH	HRS	RUN										
260	275.1	0.802	76.2	75.9	3626	-5.2	103.1	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	16	14	260
261	276.7	0.805	76.6	76.2	3633	-1.0	102.8	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	16	17	261
262	276.0	0.804	76.4	76.1	3629	0.6	97.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	16	21	262
263	276.1	0.804	76.5	76.0	3632	-3.4	100.3	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	16	26	263
264	276.0	0.804	76.5	76.0	3630	-1.2	99.6	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	16	28	234
265	276.8	0.805	76.4	76.0	3640	-8.9	103.2	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	16	33	265
266	275.5	0.803	75.9	75.4	3653	-12.4	101.7	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	16	37	266
267	275.0	0.801	75.1	74.7	3679	-15.7	102.4	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	16	41	267
268	276.2	0.804	74.9	74.5	3706	-17.2	102.6	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	13	16	45	268
269	182.3	0.399	59.7	59.3	3074	-15.4	101.7	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	11	13	269
270	181.7	0.398	59.7	59.3	3063	-15.0	101.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	11	20	270
271	181.9	0.398	59.9	59.5	3056	-14.4	101.4	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	11	25	271
272	182.1	0.398	60.1	59.7	3049	-13.6	101.3	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	11	29	272
273	183.9	0.402	60.6	60.3	3050	-12.2	101.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	11	33	273
274	182.2	0.399	60.6	60.1	3029	-11.4	101.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	11	36	274
275	181.4	0.397	60.5	60.2	3015	-10.5	101.7	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	11	40	275
276	183.0	0.400	60.9	60.7	3016	-9.4	101.2	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	11	42	276
277	181.6	0.397	60.8	60.5	3002	-7.8	102.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	11	51	277
278	181.9	0.398	61.0	60.6	3001	-7.1	102.8	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	11	54	278
279	183.4	0.401	61.3	61.0	3009	-5.9	103.1	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	11	58	279
280	182.7	0.400	61.3	60.9	3002	-5.2	104.2	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	12	7	280
281	182.2	0.398	61.2	60.8	2996	-3.5	106.7	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	12	12	281
282	182.2	0.398	61.3	60.9	2991	-1.7	103.9	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	12	14	282
283	181.9	0.398	61.1	60.8	2991	-1.4	103.7	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	12	16	283
284	182.0	0.398	61.2	60.8	2992	-1.1	103.7	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	12	19	284
285	181.6	0.397	61.1	60.8	2987	-1.0	104.2	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	12	21	285
286	181.5	0.397	61.1	60.7	2992	-2.6	104.0	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	12	23	286
287	182.0	0.398	61.0	60.7	2997	-4.4	104.4	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	12	25	287
288	182.5	0.399	61.0	60.6	3013	-8.6	102.8	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	12	29	288
289	184.0	0.402	60.6	60.2	3058	-12.8	102.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	12	33	289
290	184.5	0.404	60.2	59.8	3084	-14.7	102.1	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	12	38	290
291	273.6	0.599	74.4	73.9	3703	-13.6	101.6	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	13	39	291
292	275.1	0.602	74.6	74.3	3702	-13.0	102.1	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	13	43	292
293	272.3	0.596	74.5	73.9	3684	-12.4	101.7	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	13	54	293
294	275.5	0.603	75.1	74.7	3687	-11.5	101.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	13	57	294
295	272.6	0.596	75.0	74.5	3660	-10.2	102.0	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	14	2	295
296	272.8	0.597	75.3	74.8	3647	-8.3	101.9	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	14	5	296
297	272.6	0.596	75.6	74.7	3648	-6.1	101.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	14	7	297
298	273.1	0.597	75.6	75.0	3643	-5.5	102.4	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	14	10	298
299	272.2	0.595	75.3	75.0	3631	-3.5	101.7	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	14	16	299
300	274.4	0.600	75.8	75.3	3645	-2.0	103.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	14	19	300
301	273.6	0.598	75.7	75.2	3640	-2.1	103.5	0	0	0	0	0	0	0.745	96.0	100.5	1988	12	15	14	21	301

SRL Single Tube Flow Instability Test # 3.0
Stainless Steel ID = 0.995"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUN	PT11	PTO1	PTO3	DPT2	FT11	FB11	FMO1	OT11	TRTO1	TJT12	PPO1											
TEST	PT12	PTO2	DPT1	DPT3	FT12	FXO2	FMO2	TRT11	TJT11	TRTO2												
302	3.0	56.8	64.5	65.6	65.2	65.6	1.92	2.66	1.88	36.53	36.40	255.1	0.0	36.8	0.0	34.6	77.3	146.6	76.4	76.1	147.0	114.0
303	3.0	56.0	63.3	65.6	65.1	65.2	1.53	2.10	1.50	32.46	31.61	257.2	0.0	32.1	0.0	30.0	76.5	156.0	76.5	75.7	156.2	114.7
304	3.0	57.3	62.4	65.4	64.7	64.9	1.29	1.75	1.28	28.41	28.12	257.8	0.0	28.7	0.0	26.9	77.4	166.7	76.5	76.6	167.0	115.9
305	3.0	56.4	62.1	65.4	65.2	64.9	1.16	1.52	1.13	26.05	25.64	259.7	0.0	26.2	0.0	24.6	77.1	174.5	76.7	76.8	174.5	116.4
306	3.0	56.6	61.7	65.2	65.0	64.9	1.02	1.32	1.00	23.23	22.87	260.2	0.0	23.4	0.0	22.1	76.5	185.5	76.0	76.2	185.8	117.0
307	3.0	56.8	61.5	64.9	64.7	64.9	0.94	1.17	0.93	23.07	21.27	260.1	0.0	24.3	0.0	20.2	76.0	195.0	74.1	75.9	195.1	117.7
308	3.0	60.0	62.4	66.4	65.9	66.0	0.86	1.02	0.85	18.89	18.42	261.5	0.0	18.7	0.0	17.6	76.0	210.9	75.3	75.5	211.1	119.2
309	3.0	59.1	62.4	67.0	66.0	66.2	0.84	1.00	0.81	21.00	16.77	262.0	0.0	19.6	0.0	15.9	77.6	229.4	76.9	76.9	229.5	119.5
310	3.0	55.0	61.2	65.6	65.0	64.9	0.82	0.95	0.76	21.96	16.73	261.8	0.0	20.2	0.0	15.8	77.7	229.9	76.7	77.7	230.0	117.7
311	3.0	56.5	61.4	65.8	65.2	65.3	0.77	1.02	0.82	15.55	15.06	261.5	0.0	15.6	0.0	14.5	77.2	242.4	76.9	76.1	242.5	118.6
312	3.0	56.7	62.6	66.9	66.2	66.3	0.87	1.07	0.93	14.77	14.54	260.8	0.0	14.7	0.0	14.1	77.0	249.6	75.9	76.2	250.0	119.6
313	3.0	56.8	61.6	65.6	65.2	65.6	0.83	1.26	0.84	15.57	15.45	260.9	0.0	15.9	0.0	14.8	77.5	243.1	76.9	76.7	243.5	118.7
314	3.0	58.7	61.9	65.1	64.7	65.1	1.11	1.42	1.09	25.24	24.95	257.5	0.0	25.5	0.0	23.9	77.5	177.5	76.2	77.0	178.0	117.2
315	3.0	62.2	66.1	65.6	66.7	66.9	2.07	2.79	2.00	37.34	36.54	254.7	0.0	36.6	3.6	34.9	77.0	123.5	76.5	75.8	123.9	114.9
316	3.0	60.9	64.8	65.5	66.2	66.6	1.58	2.11	1.56	32.08	31.60	256.7	0.0	31.7	2.8	30.3	76.5	129.5	75.7	75.9	129.5	115.7
317	3.0	60.6	63.7	65.4	66.2	66.4	1.19	1.59	1.15	27.17	26.73	257.3	0.0	26.8	2.1	25.7	77.1	139.5	76.2	76.2	140.0	117.2
318	3.0	60.2	62.9	65.3	66.2	66.1	0.90	1.17	0.88	22.96	22.58	259.5	0.0	22.7	1.2	21.8	76.7	150.5	76.1	75.5	150.5	118.0
319	3.0	59.9	62.4	65.5	66.2	66.2	0.65	0.81	0.64	18.74	18.48	260.9	0.0	18.4	0.0	17.8	76.5	167.0	76.3	75.8	167.4	118.9
320	3.0	60.2	62.7	65.8	66.4	66.5	0.57	0.71	0.54	17.11	16.60	259.9	0.0	16.6	0.0	16.1	77.5	177.9	76.7	76.5	178.0	119.9
321	3.0	59.3	62.5	65.8	66.4	66.5	0.51	0.62	0.49	15.06	14.87	259.6	0.0	15.0	0.0	14.4	77.4	188.5	76.5	76.3	189.0	120.3
322	3.0	59.3	62.1	65.7	66.2	66.1	0.48	0.57	0.45	14.43	13.41	261.9	0.0	13.8	0.0	13.0	77.2	202.1	76.5	75.8	202.5	120.3
323	3.0	59.7	62.4	65.8	66.4	66.3	0.46	0.53	0.44	13.58	12.55	262.0	0.0	12.2	0.1	12.1	77.0	209.5	76.1	76.0	209.5	120.4
324	3.0	59.8	62.4	66.0	66.4	66.5	0.44	0.51	0.43	12.77	12.08	261.4	0.0	13.0	0.0	11.8	76.8	214.0	76.2	76.4	214.0	120.3
325	3.0	60.5	62.4	66.0	66.5	66.5	0.44	0.47	0.41	11.97	11.36	261.5	0.0	11.7	0.0	11.0	76.6	222.5	75.9	76.1	222.8	120.8
326	3.0	60.6	62.4	66.1	66.7	66.4	0.43	0.46	0.41	11.13	10.51	263.0	0.0	10.9	0.0	10.2	76.5	234.0	75.4	76.2	234.0	120.6
327	3.0	60.3	62.9	66.6	66.7	66.9	0.48	0.55	0.48	9.71	9.33	262.7	0.0	10.9	0.0	9.1	76.5	252.5	75.5	75.5	253.0	121.3
328	3.0	61.8	64.5	68.1	67.7	68.4	0.70	0.57	0.66	9.12	8.78	263.6	0.0	8.9	0.0	8.5	76.5	264.6	75.7	75.8	265.1	122.1
329	3.0	60.0	61.7	65.4	66.6	65.7	0.43	0.47	0.42	11.36	11.18	261.9	0.0	11.7	0.0	10.9	76.5	225.5	76.0	75.8	225.7	119.8
330	3.0	60.1	62.7	65.2	65.9	65.9	0.80	1.06	0.77	21.35	20.94	259.9	0.0	21.2	0.0	20.3	76.9	157.8	76.3	75.6	158.0	117.4
331	3.0	61.3	64.3	65.4	66.2	66.3	1.42	1.90	1.38	30.14	29.71	256.8	0.0	30.0	0.0	28.4	77.9	134.5	77.0	77.0	134.6	116.5
332	3.0	62.2	66.0	65.6	66.5	66.9	1.99	2.70	1.91	37.54	36.70	254.8	0.0	37.2	0.1	35.1	76.4	145.0	76.0	75.4	145.1	114.4
333	3.0	62.0	65.9	65.4	66.0	66.7	2.08	2.82	2.05	37.31	37.13	254.3	0.0	37.7	0.0	35.5	120.6	166.5	119.6	119.7	166.5	114.3
334	3.0	62.0	65.0	65.6	66.5	66.8	1.62	2.19	1.59	32.29	31.91	256.7	0.0	32.4	0.0	30.6	120.5	173.5	119.5	119.2	173.5	115.7
335	3.0	61.2	64.0	65.4	66.2	66.3	1.28	1.72	1.26	28.06	27.70	257.6	0.0	28.3	0.0	26.6	121.0	182.5	119.8	119.8	182.5	117.1
336	3.0	60.8	63.2	65.4	66.2	66.2	1.01	1.33	1.00	23.89	23.58	259.9	0.0	24.0	0.0	22.9	120.5	191.8	119.8	119.2	192.0	117.4
337	3.0	60.5	62.9	65.6	66.2	66.3	0.81	1.03	0.79	20.15	19.84	260.7	0.0	20.1	0.1	19.2	121.5	206.0	120.4	119.9	206.0	118.6
338	3.0	60.4	62.8	65.8	66.2	66.4	0.69	0.85	0.68	17.42	17.10	260.6	0.0	17.2	0.0	16.4	120.6	218.1	119.4	119.2	218.5	119.4
339	3.0	60.5	62.5	65.7	66.2	66.3	0.64	0.76	0.61	15.30	15.17	262.7	0.0	15.2	0.0	14.6	120.4	231.0	119.2	118.7	231.5	119.2
340	3.0	61.2	63.2	66.5	66.9	67.1	0.60	0.64	0.58	14.00	13.56	262.9	0.0	13.5	0.0	13.2	121.5	243.0	120.3	120.2	243.5	120.3
341	3.0	60.2	62.7	65.9	66.7	66.3	0.71	0.81	0.62	12.39	12.30	262.8	0.0	11.7	0.0	12.0	122.0	256.0	120.7	119.9	256.5	119.2
342	3.0	61.4	63.7	66.9	67.7	67.6	0.68	0.68	0.62	11.56	11.55	262.8	0.0	11.2	0.0	11.4	121.8	265.3	121.7	119.1	265.5	120.0
343	3.0	61.9	63.7	66.8	67.2	67.5	0.71	1.26	0.79	11.64	11.65	263.2	0.0	11.6	0.0	11.2	121.6	263.5	119.9	121.7	264.0	119.8
344	3.0	64.1	65.5	64.9	64.7	66.1	1.95	2.35	1.93	37.36	37.28	255.8	0.0	38.4	3.6	35.4	121.5	189.9	121.5	120.8	190.1	114.1
345	3.0	63.5	64.4	64.7	64.7	66.0	1.57	1.89	1.58	32.74	32.33	258.4	0.0	33.2	2.8	30.9	120.5	199.6	120.6	119.8	199.9	115.1
346	3.0	62.8	63.6	64.6	64.6	65.7	1.35	1.58	1.35	28.70	28.35	258.8	0.0	29.1	2.2	27.2	120.8	209.9	119.9	120.1	210.1	116.3
347	3.0	63.0	63.4	64.9	64.6	65.9	1.21	1.41	1.19	25.36	24.94	260.0	0.0	25.9	0.0	23.9	121.5	222.6	121.4	121.0	222.9	117.4
348	3.0	62.6	63.0	64.5	64.5	65.6	1.14	1.29	1.12	23.66	22.91	259.6	0.0	24.3	0.1	22.1	120.2	231.1	119.1	119.5	231.3	117.6
349	3.0	62.7	63.1	64.7	64.7	66.1	1.05	1.20	1.06	21.29	20.73	260.4	0.0	22.2	0.0	19.9	121.6	242.8	121.5	121.2	242.9	118.1
350	3.0	62.8	63.0	64.7	64.6	65.9	1.20	1.15	1.11	21.68	19.61	260.5	0.0	23.4	0.0	18.7	121.8	250.9	121.5	121.6	251.4	117.8
351	3.0	62.8	62.9	64.8	64.7	66.1	1.19	1.40	1.18	19.70	18.65	261.3	0.0	20.0	0.0	18.0	119.9	255.5	119.0	118.8	255.8	118.1

SRL Single Tube Flow Instability Test # 3.0
Stainless Steel ID = 0.995"

1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	TEW95W	TEW84N	TEW72W	TEW60N	TEW48W	TEW36N	TEW24W	TEW12N	TEW01W										
PPI1	TEW95E	TEW84S	TEW72E	TEW60S	TEW48E	TEW36S	TEW24E	TEW12S	TEW01E										
302	49.6	381.6	387.4	382.4	406.5	405.3	405.5	394.1	423.5	408.9	418.6	409.0	432.5	420.7	429.9	421.1	434.3	403.9	405.5
303	50.5	391.6	397.6	395.1	419.6	417.7	419.0	407.5	438.5	423.4	433.4	423.4	447.8	435.0	443.8	436.1	446.6	420.5	424.8
304	51.0	402.9	408.6	408.5	430.4	429.2	434.0	422.8	451.7	439.0	447.3	438.3	460.5	449.3	458.2	450.7	460.9	436.1	438.2
305	51.5	405.6	412.7	414.1	436.2	436.0	436.0	427.5	455.9	442.8	451.8	442.5	464.5	453.4	462.6	455.3	465.0	442.1	445.7
306	51.9	413.0	419.7	424.3	446.6	445.6	447.2	436.6	463.6	452.1	459.5	451.8	472.5	462.4	470.1	461.6	468.4	446.1	453.5
307	52.3	416.7	423.6	430.0	451.3	451.3	451.4	440.1	467.4	455.7	463.6	455.9	476.5	466.5	473.7	463.3	469.8	447.6	457.1
308	53.6	424.6	431.4	439.3	461.2	457.9	459.3	449.0	474.3	463.7	471.2	464.7	483.6	474.8	481.3	471.8	478.6	455.8	463.1
309	53.9	430.2	440.3	445.8	467.9	464.5	463.6	453.7	479.6	468.7	476.7	469.4	488.9	478.6	484.4	472.7	478.8	456.3	465.5
310	52.3	434.4	444.3	447.1	468.6	464.7	465.5	454.9	480.8	469.6	476.6	469.8	488.7	478.5	484.5	475.0	482.2	461.8	467.6
311	52.9	437.1	448.1	450.0	471.2	467.8	467.7	456.9	482.1	472.3	480.2	471.8	490.9	479.5	485.3	476.3	484.1	463.1	467.1
312	53.8	437.8	449.1	452.0	472.9	470.0	469.6	459.6	485.2	475.2	482.5	474.2	493.1	482.1	487.5	477.3	485.2	463.4	468.7
313	52.7	437.6	452.8	450.9	471.1	471.0	467.2	456.3	484.0	471.4	479.5	472.3	492.1	480.2	484.8	475.5	481.8	453.9	452.2
314	51.8	407.8	414.0	417.5	440.0	438.7	442.2	431.4	458.1	446.7	454.2	445.2	466.3	456.7	464.7	456.6	465.2	442.6	450.5
315	50.8	289.2	295.0	292.0	309.1	308.1	307.5	298.7	321.4	310.2	317.6	310.1	327.8	319.0	325.2	318.3	319.0	290.4	288.6
316	51.5	296.4	300.8	300.3	317.6	316.0	316.9	308.2	331.0	320.7	327.2	320.6	338.4	329.9	336.5	330.5	334.7	307.4	306.8
317	52.7	305.4	311.6	311.9	329.1	329.7	328.6	320.5	345.2	333.8	342.0	335.5	355.0	345.2	351.4	345.7	346.2	320.2	318.5
318	53.1	313.8	320.2	323.0	339.4	343.0	340.6	334.2	358.7	347.3	356.5	350.9	370.8	361.7	367.9	362.8	364.8	337.7	334.9
319	53.8	326.3	332.5	341.6	357.3	362.1	363.0	357.1	381.9	374.2	381.2	378.1	397.8	392.4	399.3	395.6	401.8	373.3	366.4
320	54.4	331.5	338.3	349.8	365.3	371.8	370.9	367.6	390.5	383.6	391.9	389.1	408.2	401.9	407.8	403.5	408.8	381.7	375.9
321	54.6	333.6	339.1	354.8	370.3	380.1	378.3	375.3	399.9	393.3	400.5	398.6	415.3	408.3	413.7	408.6	412.5	387.2	383.4
322	54.5	338.3	344.6	363.1	379.5	390.2	387.6	384.2	409.5	399.8	407.5	404.0	420.4	413.2	417.5	413.5	418.1	394.9	389.0
323	54.6	346.2	351.3	372.9	389.1	396.5	396.8	390.9	413.8	405.1	411.9	407.6	423.2	417.3	422.2	417.9	421.7	399.4	396.3
324	54.9	347.2	356.2	375.0	392.7	398.2	398.9	393.0	415.1	406.0	413.1	409.1	424.3	418.5	423.1	419.3	424.8	402.7	399.2
325	54.9	349.9	355.0	379.1	396.1	400.8	401.7	395.8	416.7	408.7	415.6	411.8	426.8	421.4	425.9	421.3	426.5	404.8	401.6
326	54.8	354.7	357.3	384.2	402.9	406.2	405.2	399.3	420.5	412.7	419.6	416.1	430.5	425.0	429.4	423.0	426.3	405.5	404.7
327	55.2	363.4	372.2	391.6	409.3	408.9	409.2	402.9	423.2	416.0	422.9	419.9	434.1	427.8	431.3	426.0	431.9	409.8	406.4
328	56.1	372.8	388.4	397.4	414.2	414.0	413.9	407.9	428.3	422.5	428.6	425.1	438.9	432.0	435.3	427.8	430.3	408.2	409.3
329	53.8	367.8	380.8	389.4	406.7	406.2	406.2	399.1	419.1	411.8	418.4	414.3	428.3	423.4	428.2	423.4	428.7	408.7	409.2
330	52.6	329.1	332.6	341.0	358.7	356.5	365.6	358.0	377.0	372.0	377.8	371.8	388.8	385.7	394.5	387.9	399.5	383.8	396.0
331	52.0	303.3	306.8	308.2	325.9	324.4	327.1	319.3	341.0	331.5	338.2	331.0	349.2	341.9	348.8	344.0	352.3	340.0	351.9
332	51.0	378.8	384.7	379.2	404.2	402.3	402.5	390.8	420.3	407.0	415.3	406.0	428.7	418.5	427.3	418.8	429.3	403.0	408.5
333	51.2	314.9	317.7	319.9	337.5	335.5	338.2	330.6	351.1	342.9	348.4	342.1	358.4	351.8	359.5	353.8	363.2	352.2	364.9
334	52.5	321.4	325.2	328.1	345.7	344.9	347.4	339.7	361.6	352.0	359.4	353.0	370.1	363.1	370.5	365.1	372.5	357.2	366.3
335	53.1	330.0	335.4	340.6	355.4	357.0	360.6	353.0	375.6	367.4	374.4	369.1	386.1	379.9	386.3	381.1	388.1	370.4	376.6
336	53.7	336.1	342.4	348.9	366.0	369.6	370.1	364.5	387.0	379.5	386.2	381.7	399.0	392.0	398.2	391.9	393.7	375.9	386.2
337	54.5	345.1	351.5	363.0	378.8	385.5	384.5	379.6	402.1	394.5	401.2	396.5	412.8	405.4	410.8	404.6	408.3	388.1	392.7
338	54.7	350.2	356.6	372.4	387.7	395.6	394.6	388.2	411.7	401.9	409.0	404.5	420.3	413.1	417.5	412.6	418.4	399.0	398.4
339	54.8	362.1	366.8	386.5	402.1	406.4	407.0	400.0	420.9	412.8	419.1	414.0	428.3	422.2	427.1	421.5	425.5	405.3	408.5
340	55.4	369.1	376.1	392.0	408.9	411.0	410.6	403.9	424.4	416.2	422.4	418.2	432.0	425.3	430.0	422.3	423.1	403.8	411.4
341	54.5	377.2	385.7	398.4	415.0	415.2	415.9	408.7	428.5	420.4	426.6	422.5	435.6	428.6	433.0	426.3	433.3	412.9	413.0
342	55.4	380.9	391.2	400.8	417.0	418.3	417.3	410.5	430.4	422.6	429.0	424.5	438.1	430.2	433.6	426.6	431.0	411.6	412.8
343	55.2	379.7	388.9	400.9	416.3	417.6	418.0	411.2	431.0	422.9	428.9	424.4	438.1	430.5	434.2	426.5	428.5	408.9	414.1
344	50.4	399.9	404.0	404.8	428.6	429.8	428.3	419.5	448.6	436.5	444.5	437.1	459.8	449.8	458.4	448.2	456.5	420.1	421.4
345	51.2	410.4	415.5	418.8	441.7	443.9	443.4	434.0	465.0	453.0	460.9	453.6	475.7	466.3	472.9	465.6	474.3	441.9	438.7
346	51.8	417.6	422.5	428.6	452.9	455.4	453.6	444.9	472.4	461.7	469.7	462.5	481.4	472.1	477.9	469.3	478.7	449.0	446.7
347	52.6	427.4	432.9	439.9	462.6	462.7	462.0	451.1	477.2	464.7	472.9	465.6	484.4	474.1	479.9	472.4	482.1	455.0	454.1
348	52.3	434.4	438.8	447.0	468.6	467.6	467.0	455.6	481.3	469.2	477.4	469.1	488.4	478.1	484.5	476.2	485.1	458.6	458.6
349	52.8	439.4	446.3	451.8	471.4	468.8	469.9	458.7	483.5	472.5	479.6	471.1	490.5	480.3	486.1	472.7	480.8	455.9	463.0
350	52.6	445.9	454.5	456.5	475.8	473.7	474.5	462.9	488.3	476.3	483.9	476.0	494.4	483.2	488.9	477.0	483.6	458.6	465.4
351	52.8	447.6	456.6	457.8	477.3	475.8	475.3	464.9	486.6	477.6	485.7	477.3	495.8	484.0	489.1	475.9	481.8	456.8	465.9

SRL Single Tube Flow Instability Test # 3.0
Stainless Steel ID = 0.995"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VOLTB	CURRT	HRATIO	TKW12W	TKW01N	VL	HL	YEAR	DAY	MIN											
	HFLX	VOLTT	QUALITY	DPP1	TKW12E	TKW01S	ID	DPL	MONTH	HRS	RUN											
302	363.1	0.598	74.3	73.9	4917	-16.8	100.9	64.5	422.1	433.8	425.8	438.8	95.5	0.995	96.0	100.5	1988	12	23	13	16	302
303	364.9	0.601	74.7	74.3	4912	-15.7	100.1	64.6	436.6	447.4	439.5	453.9	95.5	0.995	96.0	100.5	1988	12	23	13	26	303
304	366.0	0.603	75.0	74.6	4908	-14.5	99.7	64.9	449.9	460.8	455.4	466.1	95.5	0.995	96.0	100.5	1988	12	23	13	31	304
305	363.7	0.599	74.9	74.5	4884	-13.6	99.8	65.1	453.7	463.6	458.9	470.4	95.5	0.995	96.0	100.5	1988	12	23	13	35	305
306	363.4	0.598	75.1	74.6	4875	-12.4	99.6	65.3	462.7	471.7	466.0	476.1	95.5	0.995	96.0	100.5	1988	12	23	13	38	306
307	364.0	0.599	75.1	74.7	4870	-11.5	101.3	65.5	465.4	474.6	468.6	480.1	95.5	0.995	96.0	100.5	1988	12	23	13	42	307
308	363.1	0.598	75.2	74.8	4857	-9.7	99.8	65.7	472.4	480.5	475.9	484.3	95.5	0.995	96.0	100.5	1988	12	23	13	45	308
309	365.5	0.602	75.3	75.1	4867	-8.1	101.7	65.9	474.3	482.2	477.1	484.0	95.5	0.995	96.0	100.5	1988	12	23	13	48	309
310	364.1	0.599	75.4	74.9	4859	-7.8	101.7	65.9	475.1	482.9	475.6	484.9	95.5	0.995	96.0	100.5	1988	12	23	13	55	310
311	364.7	0.600	75.4	75.0	4861	-6.1	99.7	65.9	475.3	482.7	476.6	484.2	95.5	0.995	96.0	100.5	1988	12	23	13	58	311
312	365.8	0.602	75.6	75.1	4867	-5.5	100.1	66.1	476.6	484.0	476.3	485.7	95.5	0.995	96.0	100.5	1988	12	23	14	0	312
313	373.3	0.615	76.5	76.0	4912	-6.1	99.8	65.7	472.4	479.5	474.2	484.8	95.5	0.995	96.0	100.5	1988	12	23	14	11	313
314	362.6	0.597	74.8	74.4	4874	-13.3	100.1	65.1	456.2	465.2	458.7	471.3	95.5	0.995	96.0	100.5	1988	12	23	14	16	314
315	246.3	0.405	60.0	59.6	4131	-19.3	100.2	63.8	317.0	323.1	318.2	332.0	95.5	0.995	96.0	100.5	1989	1	3	14	29	315
316	241.9	0.398	59.5	59.3	4083	-18.6	100.6	64.0	329.9	337.7	330.7	344.5	95.5	0.995	96.0	100.5	1989	1	3	14	33	316
317	244.6	0.403	60.0	60.0	4079	-17.4	99.5	64.4	342.1	350.4	344.9	363.0	95.5	0.995	96.0	100.5	1989	1	3	14	36	317
318	243.1	0.400	60.2	59.8	4063	-16.2	99.5	64.8	359.3	367.7	363.0	381.0	95.5	0.995	96.0	100.5	1989	1	3	14	39	318
319	243.7	0.401	60.7	60.2	4049	-14.4	99.5	65.1	393.0	400.1	396.9	411.3	95.5	0.995	96.0	100.5	1989	1	3	14	43	319
320	243.6	0.401	60.7	60.4	4034	-13.3	99.8	65.3	401.2	407.0	405.6	416.9	95.5	0.995	96.0	100.5	1989	1	3	14	45	320
321	242.2	0.399	60.5	60.3	4017	-12.1	99.3	65.4	407.1	412.9	411.3	421.0	95.5	0.995	96.0	100.5	1989	1	3	14	48	321
322	245.5	0.404	61.1	60.8	4036	-10.5	99.3	65.5	410.4	415.8	415.7	426.1	95.5	0.995	96.0	100.5	1989	1	3	14	50	322
323	244.4	0.402	61.1	60.7	4024	-9.7	99.1	65.5	416.0	421.5	420.5	429.3	95.5	0.995	96.0	100.5	1989	1	3	14	53	323
324	243.3	0.400	60.9	60.7	4010	-8.3	99.3	65.5	417.8	423.5	421.5	429.9	95.5	0.995	96.0	100.5	1989	1	3	14	55	324
325	242.3	0.399	60.9	60.5	4004	-8.4	99.7	65.8	419.5	425.5	423.6	431.1	95.5	0.995	96.0	100.5	1989	1	3	14	57	325
326	243.0	0.400	61.1	60.7	4006	-7.0	99.2	65.6	422.9	428.1	426.5	432.4	95.5	0.995	96.0	100.5	1989	1	3	15	1	326
327	242.6	0.399	61.0	60.7	3998	-4.9	98.7	65.7	423.6	429.6	426.3	432.3	95.5	0.995	96.0	100.5	1989	1	3	15	3	327
328	244.1	0.402	61.3	60.9	4007	-3.7	98.7	65.8	427.7	432.6	428.4	434.5	95.5	0.995	96.0	100.5	1989	1	3	15	6	328
329	243.4	0.401	61.1	60.7	4010	-7.9	99.6	65.5	422.7	428.8	426.2	432.5	95.5	0.995	96.0	100.5	1989	1	3	15	9	329
330	245.6	0.404	60.6	60.3	4073	-15.5	100.1	64.7	395.4	404.9	399.3	402.1	95.5	0.995	96.0	100.5	1989	1	3	15	11	330
331	244.3	0.402	60.0	59.6	4098	-18.0	99.9	64.2	344.7	355.3	346.8	358.1	95.5	0.995	96.0	100.5	1989	1	3	15	18	331
332	364.9	0.601	74.4	74.0	4929	-16.9	100.4	63.3	418.5	429.2	420.2	435.6	95.5	0.995	96.0	100.5	1989	1	3	15	26	332
333	243.5	0.401	60.0	59.6	4083	-14.6	100.7	62.5	356.2	365.0	356.8	367.0	95.5	0.995	96.0	100.5	1989	1	3	15	52	333
334	244.3	0.402	60.3	60.0	4074	-13.8	99.8	62.8	365.5	374.7	367.6	378.2	95.5	0.995	96.0	100.5	1989	1	3	15	58	334
335	246.9	0.407	60.9	60.5	4083	-12.7	99.5	63.4	381.2	389.3	384.1	395.5	95.5	0.995	96.0	100.5	1989	1	3	16	2	335
336	245.2	0.404	60.8	60.5	4057	-11.6	98.8	63.5	393.1	401.0	395.9	406.4	95.5	0.995	96.0	100.5	1989	1	3	16	7	336
337	245.2	0.404	61.0	60.7	4041	-10.1	98.8	63.9	403.0	410.4	406.4	418.4	95.5	0.995	96.0	100.5	1989	1	3	16	10	337
338	243.5	0.401	60.9	60.6	4021	-8.8	98.9	64.2	409.9	416.9	414.0	424.2	95.5	0.995	96.0	100.5	1989	1	3	16	12	338
339	245.0	0.403	61.2	60.9	4023	-7.3	99.2	64.1	420.6	427.6	424.3	432.2	95.5	0.995	96.0	100.5	1989	1	3	16	16	339
340	243.0	0.400	61.1	60.7	4003	-5.9	98.0	64.4	424.0	429.3	426.2	432.3	95.5	0.995	96.0	100.5	1989	1	3	16	21	340
341	241.6	0.398	60.9	60.6	3988	-4.5	98.9	64.4	425.3	430.8	426.3	431.7	95.5	0.995	96.0	100.5	1989	1	3	16	26	341
342	243.2	0.400	61.2	60.8	4000	-3.6	98.7	64.4	425.3	431.1	426.0	432.3	95.5	0.995	96.0	100.5	1989	1	3	16	28	342
343	242.1	0.399	61.0	60.7	3991	-3.8	99.0	64.5	426.6	431.9	427.1	432.4	95.5	0.995	96.0	100.5	1989	1	3	16	36	343
344	366.3	0.603	75.0	74.7	4906	-12.0	100.5	63.7	450.5	471.7	450.2	457.0	95.5	0.995	96.0	100.5	1989	1	12	16	43	344
345	370.2	0.609	75.7	75.3	4914	-10.9	99.7	63.7	463.6	482.3	465.4	466.4	95.5	0.995	96.0	100.5	1989	1	12	16	49	345
346	366.3	0.603	75.4	75.1	4880	-9.7	99.6	64.5	466.4	484.5	469.7	472.9	95.5	0.995	96.0	100.5	1989	1	12	16	52	346
347	366.0	0.603	75.6	75.1	4871	-8.4	99.6	64.6	472.4	488.8	473.7	474.9	95.5	0.995	96.0	100.5	1989	1	12	16	58	347
348	367.5	0.605	75.7	75.3	4879	-7.4	100.1	64.9	474.7	490.8	476.3	478.9	95.5	0.995	96.0	100.5	1989	1	12	17	2	348
349	363.3	0.598	75.3	75.0	4847	-6.2	100.2	65.0	476.2	489.6	477.8	481.0	95.5	0.995	96.0	100.5	1989	1	12	17	8	349
350	367.0	0.604	75.7	75.3	4876	-5.2	99.9	65.3	476.0	490.8	480.7	482.1	95.5	0.995	96.0	100.5	1989	1	12	17	13	350
351	369.0	0.608	75.9	75.6	4879	-4.7	99.5	65.2	476.0	490.2	481.1	482.0	95.5	0.995	96.0	100.5	1989	1	12	17	17	351

SRL Single Tube Flow Instability Test # 3.0
Stainless Steel ID = 0.995"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FBI1	FMO1	OTI1	TRTO1	TJT12	PP01											
TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRTI1	TJT11	TRTO2												
352	3.0	63.4	63.4	65.1	64.9	66.4	1.16	1.43	1.16	18.59	18.50	261.9	0.0	20.3	0.0	17.9	120.6	254.8	120.3	119.8	255.3	118.2
353	3.0	63.6	63.6	65.3	65.2	66.6	1.12	1.11	1.11	19.75	19.44	262.3	0.0	20.2	0.0	18.7	121.5	251.3	121.2	120.3	251.5	118.4
354	3.0	63.5	63.5	65.3	65.2	66.5	1.06	1.24	1.07	20.55	20.54	261.2	0.0	21.4	0.1	19.6	122.0	244.9	121.2	121.0	245.2	118.2
355	3.0	63.3	63.5	65.2	65.2	66.4	1.09	1.17	1.07	20.14	19.96	260.1	0.0	20.6	0.1	19.2	121.1	247.8	120.6	120.3	247.8	118.5
356	3.0	62.6	62.9	64.5	64.4	65.7	1.08	1.26	1.09	21.97	21.65	259.3	0.0	23.0	0.0	20.8	121.1	237.9	120.4	121.1	237.9	117.5
357	3.0	63.9	65.2	64.9	64.7	66.3	1.82	2.19	1.83	35.97	35.48	256.2	0.0	36.3	0.0	33.8	120.3	192.9	119.3	119.8	192.9	114.7
358	3.0	63.4	65.2	64.5	64.5	65.9	1.92	2.30	1.92	38.01	36.97	255.2	0.0	37.8	0.0	35.1	76.0	167.4	75.7	76.0	167.6	114.2
359	3.0	63.8	65.0	64.8	64.7	66.0	1.71	2.05	1.73	34.64	34.07	256.6	0.0	34.8	0.0	32.5	76.4	176.3	76.1	76.3	176.3	115.3
360	3.0	63.3	64.3	64.6	64.5	65.9	1.61	1.88	1.58	32.75	31.85	256.9	0.0	32.9	0.0	30.3	76.2	181.9	75.9	76.3	181.9	115.6
361	3.0	63.5	64.4	64.6	64.7	66.1	1.59	1.88	1.59	32.81	31.80	255.9	0.0	32.7	0.0	30.3	76.3	182.8	75.3	75.6	182.8	115.9
362	3.0	63.3	64.1	64.8	64.7	66.0	1.50	1.78	1.50	30.88	30.17	257.3	0.0	31.0	0.0	28.8	77.0	188.8	77.0	76.4	189.2	116.4
363	3.0	63.2	63.9	64.7	64.7	65.9	1.36	1.60	1.36	28.45	27.50	258.7	0.0	28.6	0.0	26.3	77.1	198.9	77.9	76.5	199.4	116.9
364	3.0	62.9	63.6	64.6	64.7	65.9	1.26	1.47	1.25	25.72	25.05	258.1	0.0	25.9	0.0	24.0	76.8	209.9	76.4	76.2	209.9	117.9
365	3.0	63.3	63.3	65.0	64.8	66.1	1.18	1.32	1.19	23.33	22.76	258.9	0.0	24.1	0.0	21.9	76.0	222.9	75.9	75.4	222.9	118.4
366	3.0	64.3	63.4	65.1	64.7	66.1	1.16	1.29	1.18	22.39	20.91	259.9	0.0	22.7	0.0	20.1	76.4	236.6	75.5	75.7	236.9	118.6
367	3.0	63.3	63.8	65.0	65.2	66.4	1.29	1.22	1.29	20.55	20.09	259.3	0.0	21.2	0.0	19.3	77.8	244.3	78.4	78.0	244.5	119.2
368	3.0	62.9	63.5	64.6	64.7	65.9	1.33	1.55	1.33	27.29	26.67	258.5	0.0	27.6	0.0	25.6	77.7	203.4	77.7	77.4	203.4	118.9
369	3.0	63.2	63.2	64.8	64.7	66.0	1.25	1.31	1.16	23.79	21.84	260.0	0.0	24.1	0.0	20.9	76.2	229.9	76.5	75.2	230.3	118.4
370	3.0	62.4	63.1	64.6	64.7	65.9	1.17	1.34	1.16	23.63	21.81	258.6	0.0	25.6	0.0	21.0	76.1	229.3	75.5	76.7	229.8	118.4
371	3.0	63.4	63.4	64.8	64.7	66.1	1.18	1.35	1.18	22.87	22.51	259.2	0.0	24.5	0.0	21.5	76.9	226.9	76.4	77.1	227.1	118.4
372	3.0	63.0	63.3	64.6	64.7	66.0	1.22	1.41	1.23	24.59	24.01	260.0	0.0	25.5	0.0	23.1	77.4	217.4	77.6	76.1	217.7	117.8
373	3.0	64.9	67.2	64.9	64.9	66.5	2.62	3.15	2.62	45.11	43.95	253.2	0.0	45.3	4.5	41.5	77.4	174.8	76.7	77.1	174.8	112.2
374	3.0	63.8	65.4	64.3	64.5	66.0	2.21	2.63	2.18	38.76	37.99	255.3	0.0	39.4	3.8	36.0	76.8	187.3	76.3	75.2	187.3	113.8
375	3.0	63.7	64.8	64.7	64.9	66.1	1.90	2.21	1.91	33.63	32.81	256.1	0.0	33.9	2.6	31.6	76.3	205.1	75.6	76.0	205.2	115.7
376	3.0	63.6	64.3	64.6	64.4	65.9	1.81	2.11	1.82	31.33	30.56	256.2	0.0	31.9	2.3	29.3	77.2	214.8	75.8	76.1	215.0	116.5
377	3.0	63.8	64.8	64.6	64.5	66.0	1.71	1.96	1.72	29.71	28.03	258.8	0.0	29.6	0.0	26.8	77.1	226.3	76.3	76.1	226.8	116.8
378	3.0	64.7	63.9	61.4	64.5	65.6	1.77	1.98	1.73	29.63	27.86	258.9	0.0	29.5	0.0	26.7	76.8	227.3	75.8	76.1	227.6	116.7
379	3.0	64.3	65.2	65.1	64.7	66.2	1.68	1.93	1.70	28.00	27.07	258.1	0.0	28.3	0.0	26.0	76.6	231.2	76.7	77.1	231.7	117.4
380	3.0	63.1	64.0	64.4	64.5	65.8	1.76	1.93	1.75	26.97	26.53	258.3	0.0	27.6	0.0	25.3	76.5	235.7	76.2	75.5	235.9	117.6
381	3.0	63.9	64.7	64.7	64.8	66.3	1.76	2.01	1.75	30.22	29.47	258.5	0.0	30.9	0.0	28.1	76.2	218.5	75.8	75.6	218.8	116.6
382	3.0	63.5	64.0	64.6	64.5	65.9	1.70	1.97	1.71	29.95	28.54	258.3	0.0	29.8	0.0	27.4	76.8	221.8	76.9	76.0	222.0	116.6
383	3.0	62.8	64.2	64.6	64.6	66.1	1.73	1.95	1.70	28.68	28.11	257.8	0.0	29.4	0.0	27.0	76.6	224.8	76.0	76.0	225.3	117.2
384	3.0	63.5	64.3	64.4	64.4	65.7	1.73	1.96	1.69	28.70	28.04	258.3	0.0	29.5	0.0	26.9	76.6	224.6	76.8	76.3	224.8	116.8
385	3.0	63.5	63.3	64.1	64.0	65.5	1.70	1.93	1.69	29.41	28.11	258.4	0.0	30.1	0.0	26.8	76.5	224.3	76.5	76.5	224.8	116.3
386	3.0	64.5	63.8	64.6	64.6	66.1	1.72	1.98	1.70	28.76	27.69	256.9	0.0	29.1	0.0	26.4	76.3	228.7	77.0	75.8	229.0	117.0
387	3.0	63.0	63.6	64.3	64.7	65.8	1.78	2.00	1.91	27.41	26.39	257.8	0.0	27.8	0.0	25.3	76.3	235.3	74.5	76.4	235.7	117.1
388	3.0	64.2	65.4	64.8	64.7	66.2	2.07	2.45	2.05	36.63	35.52	254.5	0.0	36.8	0.0	33.8	77.4	197.4	76.7	77.9	197.4	115.4
389	3.0	64.4	66.0	64.8	64.7	66.0	2.28	2.75	2.28	39.26	39.27	255.6	0.0	40.7	0.0	37.4	121.3	207.8	121.1	120.4	207.8	113.5
390	3.0	64.4	65.9	64.9	64.8	66.2	2.15	2.56	2.14	37.22	37.08	256.0	0.0	38.2	0.0	35.2	120.9	211.7	120.7	120.2	211.7	114.4
391	3.0	64.1	65.3	64.8	64.7	66.0	2.05	2.39	2.03	35.41	35.29	256.1	0.0	36.4	0.0	33.6	121.6	218.0	121.2	120.7	218.3	114.8
392	3.0	64.2	65.4	65.2	64.9	66.5	1.93	2.29	1.93	34.36	33.99	257.1	0.0	35.0	0.0	32.5	120.5	219.3	120.0	119.9	219.5	115.5
393	3.0	63.7	64.6	64.6	64.5	65.9	1.85	2.15	1.83	32.32	32.12	258.5	0.0	33.3	0.0	30.8	121.3	225.2	120.5	120.3	225.3	115.5
394	3.0	63.4	64.3	64.3	64.5	65.6	1.85	2.17	1.84	32.43	32.16	258.4	0.0	33.4	0.0	30.9	120.2	225.4	120.5	119.1	225.8	115.2
395	3.0	63.5	64.2	64.5	64.4	65.9	1.78	2.03	1.78	30.76	30.34	256.8	0.0	31.6	0.0	29.1	121.2	231.8	120.2	120.4	232.0	116.3
396	3.0	63.3	64.1	64.7	64.6	65.9	1.66	1.93	1.64	28.71	28.41	259.7	0.0	29.7	0.0	27.3	120.3	237.8	119.9	119.6	237.8	116.1
397	3.0	63.1	64.1	64.7	64.9	66.0	1.70	1.96	1.66	27.78	27.47	259.1	0.0	28.8	0.0	26.3	121.7	243.3	121.3	121.1	243.3	116.8
398	3.0	63.5	63.9	64.6	64.7	65.8	1.67	1.89	1.66	27.87	27.48	258.8	0.0	28.8	0.0	26.4	121.6	243.3	120.6	121.0	243.8	116.9
399	3.0	63.8	64.0	64.7	64.7	66.0	1.70	1.93	1.66	27.28	26.89	258.7	0.0	28.2	0.0	25.9	120.8	244.7	119.9	120.1	244.8	116.8
400	3.0	63.9	64.2	65.0	64.9	66.3	1.66	1.80	1.75	26.00	25.69	259.6	0.0	27.0	0.0	24.7	121.5	250.8	120.7	120.9	251.3	117.3
401	3.0	63.9	64.1	64.8	64.7	66.2	1.78	1.90	1.77	25.99	25.75	259.7	0.1	26.9	0.0	24.6	121.3	251.3	120.8	120.6	251.4	117.2

SRL Single Tube Flow Instability Test # 3.0
Stainless Steel ID = 0.995"

1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	TEW95W	TEW84N	TEW72W	TEW60N	TEW48W	TEW36N	TEW24W	TEW12N	TEW01W										
PPI1	TEW95E	TEW84S	TEW72E	TEW60S	TEW48E	TEW36S	TEW24E	TEW12S	TEW01E										
352	52.8	446.4	455.8	455.9	475.0	473.3	473.8	462.3	487.9	475.9	483.6	475.4	494.1	482.1	487.5	471.7	478.1	450.9	461.5
353	53.1	445.8	453.6	457.3	476.3	474.0	475.4	464.3	488.6	478.0	485.0	476.7	496.0	484.8	490.7	476.2	485.0	460.3	470.1
354	52.9	438.7	446.0	453.3	471.8	470.8	470.8	459.6	484.3	473.3	481.0	473.6	492.9	481.5	487.7	478.2	483.4	460.1	469.7
355	53.2	441.6	450.6	454.9	474.0	472.5	473.3	461.6	487.0	475.9	482.9	475.5	494.8	483.5	489.6	480.2	489.3	465.1	470.8
356	52.4	435.6	442.0	451.3	470.7	468.4	469.8	458.5	483.4	472.5	480.0	471.9	491.4	480.8	487.5	477.1	482.4	460.3	470.8
357	50.6	406.4	408.7	413.2	436.2	435.7	437.8	427.8	455.3	443.6	450.7	442.2	464.2	453.9	462.1	451.2	460.3	441.4	459.7
358	49.9	465.4	471.0	484.0	492.6	490.3	489.3	475.5	510.5	493.9	502.9	491.4	517.7	503.5	512.8	500.7	513.1	478.3	480.8
359	50.6	475.0	480.3	474.7	503.2	500.4	499.5	485.7	518.0	502.7	512.1	500.1	525.6	511.4	521.1	505.6	516.7	486.1	497.1
360	50.9	476.9	483.2	478.5	507.3	503.4	503.4	488.3	521.5	504.8	514.0	502.3	528.0	513.9	523.2	508.6	520.9	490.5	500.8
361	51.1	476.7	483.7	478.9	506.0	504.5	502.6	488.0	521.2	505.4	514.0	503.0	528.6	514.5	522.9	507.2	517.7	490.0	504.5
362	51.2	482.3	488.2	484.7	512.7	508.2	507.5	493.7	525.1	508.4	519.0	506.9	532.2	518.3	527.3	516.4	530.9	501.6	508.9
363	51.8	486.5	494.1	490.2	516.5	513.4	511.6	496.4	529.4	513.6	522.7	511.6	536.5	522.0	531.1	521.3	533.8	506.4	513.0
364	52.3	490.9	499.0	495.0	520.4	515.6	514.6	500.5	531.8	516.5	525.8	514.8	540.2	526.3	534.6	523.5	536.1	506.6	516.0
365	52.7	494.7	504.8	499.2	524.7	519.5	519.2	504.3	535.4	521.2	531.0	520.5	544.9	530.8	537.9	526.0	537.1	509.6	517.8
366	52.9	502.5	512.2	505.0	529.9	524.7	525.6	510.4	542.4	528.0	537.2	525.8	549.7	535.5	542.6	523.7	534.0	505.6	520.7
367	53.4	503.4	513.6	505.6	530.1	526.1	525.9	511.4	543.2	528.1	537.6	526.2	549.8	534.7	542.2	526.1	536.4	507.9	520.9
368	51.8	489.0	496.0	492.7	518.6	513.8	514.5	499.2	530.0	516.2	524.6	514.0	538.1	525.0	534.2	518.4	528.9	503.6	521.8
369	52.6	499.0	508.6	502.2	526.6	524.0	521.8	506.9	538.5	524.5	533.6	523.7	548.3	533.9	540.6	527.5	537.7	510.9	523.0
370	52.5	499.8	509.7	502.2	526.6	523.6	523.2	508.9	539.8	525.7	534.6	524.8	548.6	534.7	542.2	524.7	536.2	508.3	524.0
371	52.6	500.1	509.1	503.1	528.2	523.1	523.3	509.7	540.0	526.4	535.5	525.2	549.4	534.8	542.6	526.5	535.8	509.6	525.2
372	52.2	498.7	506.1	501.3	526.0	520.0	520.7	506.8	537.1	523.4	532.1	521.0	546.3	532.6	541.8	528.1	539.6	513.1	525.2
373	48.3	529.4	532.6	524.2	555.5	551.8	551.1	531.9	571.5	551.9	561.0	549.1	576.2	561.4	571.3	557.9	574.9	537.8	542.4
374	49.3	534.9	540.2	532.1	561.8	556.0	556.1	535.9	575.9	555.4	565.2	554.0	580.5	566.2	575.2	563.4	577.6	542.9	551.7
375	50.6	546.2	552.7	544.3	573.3	567.0	567.6	547.6	583.9	566.2	576.2	564.3	591.7	577.2	586.6	573.6	588.2	558.1	569.9
376	50.9	549.7	554.3	548.0	575.3	569.2	569.4	550.2	587.2	569.1	579.0	568.8	595.3	579.7	588.3	575.1	590.5	560.7	572.2
377	51.4	553.3	559.9	551.9	580.5	573.9	574.2	556.2	593.1	574.4	585.5	573.6	599.1	583.1	591.8	571.5	584.5	556.4	576.2
378	51.1	555.1	562.1	553.3	581.4	574.5	576.5	557.0	593.1	576.6	586.3	574.2	600.4	584.4	592.7	575.0	588.9	561.3	577.0
379	51.7	556.5	563.0	553.9	583.0	575.9	576.6	560.1	594.6	577.8	587.3	574.3	600.8	586.0	594.2	579.2	593.9	565.7	579.1
380	51.5	557.0	563.2	554.7	584.5	577.6	579.1	559.6	596.8	578.9	588.4	576.4	601.6	585.6	594.0	573.4	587.1	560.1	578.8
381	51.6	549.5	555.6	547.5	575.7	570.5	569.8	552.2	588.6	570.8	580.0	569.2	596.2	581.1	589.2	568.6	579.9	553.6	571.7
382	51.2	551.5	557.9	548.3	577.6	570.3	572.0	553.2	589.9	573.0	583.3	571.6	597.1	581.9	590.9	569.3	581.5	556.4	577.4
383	51.6	551.9	557.8	549.7	577.6	570.8	572.6	554.5	590.1	574.1	582.9	570.9	597.4	582.0	590.7	570.3	583.2	556.8	578.3
384	51.3	551.8	558.0	549.4	578.2	571.7	572.3	555.2	590.4	573.9	582.6	571.2	597.6	582.4	591.1	570.8	583.9	556.4	579.8
385	50.9	550.3	557.3	548.2	577.6	569.8	572.2	554.4	590.2	572.6	582.6	570.0	596.8	580.7	590.0	576.1	590.2	565.2	422.8
386	51.6	554.7	560.8	552.5	581.2	574.4	575.3	557.6	593.5	576.8	586.7	573.3	600.5	584.8	592.9	572.9	585.0	559.7	343.9
387	52.1	556.9	563.7	554.4	583.7	577.4	578.7	560.2	595.4	578.7	588.7	576.7	601.4	585.4	594.3	574.8	589.9	563.2	344.8
388	50.7	547.4	552.9	543.5	572.9	565.1	567.7	548.8	586.2	567.7	578.0	564.3	592.6	577.6	587.5	570.1	584.7	560.8	344.8
389	50.2	474.2	475.8	476.9	505.6	506.2	502.9	488.0	521.4	505.7	513.8	505.6	528.2	516.4	523.7	513.2	526.9	484.5	478.0
390	50.9	480.2	481.7	483.9	510.2	506.5	507.7	494.2	525.4	510.0	518.1	509.8	522.2	519.8	527.8	514.4	525.5	489.7	494.7
391	51.2	487.0	489.2	489.8	516.0	515.4	514.0	498.9	531.0	515.6	523.7	514.5	516.6	525.2	533.1	520.3	530.6	496.7	503.9
392	51.8	486.5	489.9	490.7	517.0	514.3	513.7	498.8	529.4	515.0	523.7	514.0	536.8	524.4	533.4	523.1	535.9	504.1	507.7
393	51.6	489.3	491.4	492.7	518.7	515.9	515.1	500.6	530.2	516.7	524.6	515.5	538.1	526.1	534.0	523.8	537.0	506.8	509.2
394	51.7	494.5	497.2	497.4	523.7	519.7	519.3	504.2	535.5	521.6	529.6	519.7	543.1	530.7	539.2	524.4	533.3	503.0	513.0
395	52.1	495.2	497.0	498.4	523.5	520.7	519.8	505.0	535.6	521.1	529.5	520.2	543.5	531.3	538.2	521.5	531.0	501.1	514.7
396	52.3	497.4	501.5	500.1	525.9	521.5	522.2	506.4	537.5	524.1	532.2	522.9	545.0	531.7	539.4	526.2	536.4	507.0	515.5
397	52.7	500.6	504.8	502.7	527.3	523.3	523.6	506.6	539.4	525.4	533.5	523.9	546.2	532.7	540.5	528.4	541.7	511.8	515.8
398	52.5	502.1	506.7	504.1	529.8	524.2	525.9	510.5	540.7	527.1	536.2	525.5	547.6	534.5	541.5	528.0	539.4	510.5	518.0
399	52.9	500.5	505.0	502.4	528.4	525.1	523.7	509.0	539.6	525.6	533.6	524.5	546.6	533.0	540.1	528.2	540.1	511.6	516.9
400	52.9	502.3	507.2	504.8	529.4	526.7	526.5	510.9	542.0	527.2	535.9	526.1	547.6	534.1	541.4	523.9	534.1	506.0	518.6
401	53.1	504.0	508.8	505.5	530.8	527.6	526.8	512.3	543.3	528.8	536.3	527.0	548.0	534.7	541.4	529.0	539.5	510.6	518.7

SRL Single Tube Flow Instability Test # 3.0
Stainless Steel ID = 0.995"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VOLTB	CURRT	HRATIO	TKW12W	TKW01N	VL	HL	YEAR	DAY	MIN											
	HFLX	VOL1T	QUALITY	DPP1	TKW12E	TKW01S	ID	DPL	MONTH	HRS	MIN											RUN
352	361.7	0.595	75.3	74.7	4840	-4.7	99.3	65.1	475.9	489.2	478.6	481.2	95.5	0.995	96.0	100.5	1989	1	12	17	46	352
353	367.1	0.604	75.8	75.3	4874	-5.2	99.5	65.1	477.9	492.2	482.6	484.4	95.5	0.995	96.0	100.5	1989	1	12	18	5	353
354	364.1	0.599	75.5	74.9	4862	-6.0	100.1	65.0	476.1	491.3	479.3	482.5	95.5	0.995	96.0	100.5	1989	1	12	18	10	354
355	366.6	0.603	75.7	75.3	4867	-5.6	100.0	65.3	477.9	492.6	481.5	484.3	95.5	0.995	96.0	100.5	1989	1	12	18	16	355
356	366.7	0.604	75.6	75.2	4874	-6.6	99.8	65.2	477.0	491.8	479.5	483.1	95.5	0.995	96.0	100.5	1989	1	12	18	24	356
357	366.8	0.607	75.4	75.0	4921	-11.7	100.8	63.9	456.8	473.8	458.2	464.1	95.5	0.995	96.0	100.5	1989	1	12	18	28	357
358	487.0	0.802	87.3	86.9	5607	-14.5	100.8	64.4	499.8	523.2	502.5	509.0	95.5	0.995	96.0	100.5	1989	1	12	19	49	358
359	490.7	0.808	87.7	87.4	5614	-13.6	101.0	64.5	507.5	530.9	511.2	517.7	95.5	0.995	96.0	100.5	1989	1	12	19	57	359
360	487.0	0.802	87.6	87.1	5591	-12.9	100.5	64.9	512.0	531.6	512.4	519.9	95.5	0.995	96.0	100.5	1989	1	12	20	0	360
361	489.3	0.806	87.9	87.4	5602	-12.8	100.6	64.7	512.3	534.2	512.2	519.9	95.5	0.995	96.0	100.5	1989	1	12	20	4	361
362	489.7	0.806	87.9	87.4	5604	-12.1	100.1	64.8	515.6	538.6	516.6	523.2	95.5	0.995	96.0	100.5	1989	1	12	20	7	362
363	487.8	0.803	87.8	87.3	5589	-11.0	99.7	65.1	519.0	541.2	521.8	527.0	95.5	0.995	96.0	100.5	1989	1	12	20	10	363
364	484.9	0.798	87.5	87.1	5567	-9.8	100.1	65.6	521.7	542.2	524.5	530.7	95.5	0.995	96.0	100.5	1989	1	12	20	14	364
365	487.4	0.802	87.9	87.5	5571	-8.4	100.0	65.5	523.2	543.2	529.2	531.4	95.5	0.995	96.0	100.5	1989	1	12	20	19	365
366	491.1	0.808	88.3	87.8	5590	-8.8	99.5	65.7	525.0	544.4	531.8	536.0	95.5	0.995	96.0	100.5	1989	1	12	20	23	366
367	487.0	0.802	88.0	87.5	5566	-6.0	100.1	65.8	525.2	543.7	530.8	534.9	95.5	0.995	96.0	100.5	1989	1	12	20	25	367
368	487.0	0.802	87.7	87.3	5579	-10.5	100.2	65.4	524.2	542.7	526.6	531.6	95.5	0.995	96.0	100.5	1989	1	12	20	32	368
369	492.3	0.811	88.3	87.9	5600	-7.5	99.5	65.7	526.0	545.3	530.0	534.0	95.5	0.995	96.0	100.5	1989	1	12	20	37	369
370	490.4	0.807	88.2	87.7	5591	-7.5	99.3	65.7	523.6	544.5	531.1	534.5	95.5	0.995	96.0	100.5	1989	1	12	20	39	370
371	491.6	0.809	88.3	87.9	5596	-7.9	100.1	65.6	526.9	545.9	532.4	536.7	95.5	0.995	96.0	100.5	1989	1	12	20	41	371
372	489.9	0.807	88.2	87.6	5591	-8.9	99.8	65.5	527.4	544.8	531.0	536.7	95.5	0.995	96.0	100.5	1989	1	12	20	44	372
373	612.9	1.009	98.9	98.4	6231	-13.8	101.5	63.9	553.4	582.4	556.8	565.4	95.5	0.995	96.0	100.5	1989	1	12	21	10	373
374	605.9	0.997	98.5	98.0	6183	-12.3	100.8	64.4	557.5	586.4	560.9	566.9	95.5	0.995	96.0	100.5	1989	1	12	21	13	374
375	614.4	1.012	99.4	98.8	6220	-10.3	100.0	65.0	568.9	593.8	571.7	581.3	95.5	0.995	96.0	100.5	1989	1	12	21	23	375
376	614.4	1.012	99.5	98.9	6214	-9.2	99.6	64.9	571.5	594.8	574.6	582.2	95.5	0.995	96.0	100.5	1989	1	12	21	27	376
377	611.3	1.006	99.2	98.7	6191	-7.9	99.8	65.2	572.6	595.1	579.1	584.6	95.5	0.995	96.0	100.5	1989	1	12	21	29	377
378	616.4	1.015	99.6	99.1	6218	-7.7	99.2	65.3	571.6	594.9	579.0	586.2	95.5	0.995	96.0	100.5	1989	1	12	21	32	378
379	612.5	1.008	99.3	98.6	6201	-7.4	99.5	65.3	574.0	595.4	578.3	586.0	95.5	0.995	96.0	100.5	1989	1	12	21	34	379
380	614.5	1.012	99.5	98.9	6214	-6.9	100.1	65.4	573.7	594.7	579.9	586.2	95.5	0.995	96.0	100.5	1989	1	12	21	37	380
381	612.0	1.008	99.3	98.7	6203	-8.8	99.7	65.2	570.1	592.6	573.7	581.1	95.5	0.995	96.0	100.5	1989	1	12	21	45	381
382	607.1	1.000	99.0	98.3	6179	-8.3	99.0	65.4	571.7	593.4	576.0	584.0	95.5	0.995	96.0	100.5	1989	1	12	21	48	382
383	607.2	1.000	98.9	98.3	6179	-8.1	99.9	65.3	570.8	593.5	576.1	584.5	95.5	0.995	96.0	100.5	1989	1	12	21	52	383
384	606.9	0.999	98.7	98.3	6177	-8.1	99.8	65.4	571.7	595.5	576.9	585.3	95.5	0.995	96.0	100.5	1989	1	12	21	54	384
385	606.0	0.998	98.7	98.2	6173	-8.1	99.9	65.3	571.9	593.6	577.6	584.4	95.5	0.995	96.0	100.5	1989	1	12	21	58	385
386	616.2	1.014	99.6	99.1	6218	-7.7	99.9	65.0	573.3	596.8	577.5	586.3	95.5	0.995	96.0	100.5	1989	1	12	22	2	386
387	611.9	1.007	99.4	98.8	6195	-6.9	99.9	65.0	572.1	595.5	579.1	586.6	95.5	0.995	96.0	100.5	1989	1	12	22	9	387
388	616.9	1.016	99.4	99.0	6234	-11.3	100.6	64.6	571.0	596.9	576.8	585.2	95.5	0.995	96.0	100.5	1989	1	12	22	12	388
389	486.9	0.802	87.6	87.2	5586	-10.1	100.7	63.1	510.6	535.0	512.0	517.9	95.5	0.995	96.0	100.5	1989	1	12	23	13	389
390	486.6	0.801	87.7	87.1	5584	-9.6	99.9	63.2	515.7	538.6	516.5	523.5	95.5	0.995	96.0	100.5	1989	1	12	23	20	390
391	489.8	0.806	88.0	87.6	5594	-8.9	100.4	63.5	520.2	542.7	522.8	526.9	95.5	0.995	96.0	100.5	1989	1	12	23	24	391
392	486.1	0.800	87.7	87.2	5574	-8.8	99.8	63.6	521.8	542.5	523.2	529.3	95.5	0.995	96.0	100.5	1989	1	12	23	29	392
393	483.2	0.795	87.4	86.9	5557	-8.1	99.8	63.6	520.6	542.5	523.0	529.7	95.5	0.995	96.0	100.5	1989	1	12	23	32	393
394	489.9	0.807	88.1	87.6	5592	-8.0	99.8	63.4	525.0	545.0	527.8	533.7	95.5	0.995	96.0	100.5	1989	1	12	23	34	394
395	487.7	0.803	87.9	87.4	5577	-7.3	99.5	63.7	523.4	544.0	528.5	533.6	95.5	0.995	96.0	100.5	1989	1	12	23	37	395
396	485.7	0.800	87.8	87.3	5561	-6.6	99.5	63.6	525.2	543.4	528.2	533.8	95.5	0.995	96.0	100.5	1989	1	12	23	39	396
397	485.1	0.799	87.8	87.3	5559	-6.0	99.6	63.7	523.2	543.8	528.5	534.0	95.5	0.995	96.0	100.5	1989	1	12	23	41	397
398	488.4	0.804	88.0	87.6	5577	-6.0	99.2	64.0	526.5	544.5	531.7	535.2	95.5	0.995	96.0	100.5	1989	1	12	23	45	398
399	485.5	0.799	87.8	87.3	5561	-5.8	99.3	64.0	524.1	544.1	527.2	534.2	95.5	0.995	96.0	100.5	1989	1	12	23	47	399
400	486.7	0.801	87.9	87.5	5564	-5.1	98.9	63.8	524.7	543.6	529.1	534.1	95.5	0.995	96.0	100.5	1989	1	12	23	50	400
401	488.0	0.803	88.0	87.6	5570	-5.1	99.4	63.9	526.1	542.8	530.3	535.2	95.5	0.995	96.0	100.5	1989	1	12	23	52	401

SRL Single Tube Flow Instability Test # 3.0
Stainless Steel ID = 0.995"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FB11	FMO1	OTI1	TRTO1	TJT12	PTO1	TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRT11	TJT11	TRTO2
402	3.0	63.5	64.1	64.5	64.4	65.7	1.85	2.08	1.84	25.40	25.00	260.7	0.0	26.8	0.0	24.1	121.2	254.8	120.4	121.0	254.8	116.6
403	3.0	63.7	64.6	64.7	64.7	66.1	1.71	1.95	1.73	29.71	29.45	257.4	0.0	30.7	0.0	28.2	120.7	234.6	120.2	119.6	234.8	115.9
404	3.0	64.5	66.4	64.4	64.6	66.2	2.66	3.11	2.64	39.81	39.43	255.6	0.0	41.0	0.0	37.5	120.1	226.8	119.5	119.2	227.3	113.5
405	3.0	64.2	65.9	64.4	64.7	66.1	2.52	2.92	2.52	37.26	37.07	256.3	0.0	38.8	0.0	35.4	120.0	233.4	119.0	119.2	233.8	114.0
406	3.0	64.2	65.5	64.7	64.7	66.4	2.43	2.83	2.45	36.03	35.07	255.9	0.0	37.1	0.0	33.4	120.7	240.8	120.0	119.5	240.9	114.8
407	3.0	64.5	66.0	65.0	64.7	66.5	2.39	2.79	2.38	34.91	34.43	257.1	0.0	36.1	0.0	32.8	120.8	242.9	120.7	120.0	243.1	114.7
408	3.0	64.6	65.9	64.8	64.7	66.3	2.47	2.91	2.43	34.42	33.92	257.7	0.0	35.9	0.0	32.4	120.4	243.8	120.3	119.9	244.3	115.0
409	3.0	64.6	65.6	64.4	64.5	65.9	2.48	2.77	2.45	34.58	34.20	257.6	0.0	36.0	0.0	32.6	121.3	243.3	120.8	120.3	243.8	114.8
410	3.0	64.8	64.9	64.4	64.5	66.0	2.50	2.92	2.54	33.79	33.04	257.7	0.0	34.8	0.0	31.6	120.3	247.9	119.5	120.6	247.9	114.9
411	3.0	64.8	65.3	64.5	64.7	66.3	2.57	3.00	2.59	32.94	32.42	256.3	0.1	34.1	0.0	31.0	120.1	249.9	119.7	120.0	250.4	115.9
412	3.0	64.6	66.3	64.7	64.6	66.4	2.61	3.04	2.59	38.18	37.96	256.3	0.0	39.8	0.0	36.0	121.7	233.4	120.4	121.6	233.8	113.8
413	3.0	64.3	65.6	64.4	64.6	66.2	2.53	2.88	2.51	36.56	36.07	256.1	0.0	38.1	0.0	34.4	120.1	237.8	119.9	119.6	237.8	114.3
414	3.0	64.4	65.4	64.6	64.4	65.9	2.58	2.90	2.51	34.58	33.80	256.8	0.0	35.5	0.0	32.4	121.4	245.9	120.9	122.3	245.9	114.8
415	3.0	64.5	65.3	64.1	64.2	65.6	2.47	2.92	2.45	33.99	33.69	257.2	0.0	35.8	0.0	32.1	120.1	244.3	119.5	118.4	244.8	114.4
416	3.0	65.0	65.7	64.9	64.8	66.4	2.49	2.80	2.45	34.90	34.45	256.0	0.0	36.1	0.0	32.6	121.5	243.2	121.0	120.8	243.3	115.1
417	3.0	64.5	65.7	64.5	64.5	65.8	2.45	2.77	2.46	35.26	35.02	257.7	0.0	37.0	0.0	33.3	121.3	240.9	120.1	120.2	241.4	114.3
418	3.0	64.5	65.5	64.9	64.7	66.2	2.50	2.90	2.50	36.18	35.51	257.4	0.0	37.4	0.0	34.0	120.5	240.3	119.5	119.5	240.3	114.5
419	3.0	34.7	35.8	35.0	34.9	36.1	2.49	2.81	2.46	37.09	36.65	253.4	0.0	36.6	3.8	34.8	77.3	77.5	77.2	77.0	78.0	84.3
420	3.0	33.9	34.3	34.8	34.7	35.8	1.89	2.11	1.87	31.64	31.24	257.1	0.0	31.1	3.2	29.8	76.9	77.0	77.0	76.8	77.4	85.7
421	3.0	33.4	33.7	34.9	34.8	35.8	1.48	1.64	1.48	27.64	27.09	258.7	0.0	26.7	2.7	25.9	77.4	77.5	77.0	77.2	78.0	87.0
422	3.0	33.1	33.1	34.9	34.8	35.8	1.16	1.29	1.14	23.95	23.48	259.2	0.0	23.1	2.1	22.5	77.2	77.4	77.1	77.0	77.5	87.9
423	3.0	32.5	32.1	34.8	34.7	35.6	0.78	0.86	0.79	19.32	18.92	261.0	0.0	18.3	1.4	18.2	77.0	77.2	76.9	76.9	77.5	88.7
424	3.0	32.2	31.6	34.7	34.7	35.4	0.59	0.64	0.57	16.29	15.97	261.5	0.0	15.1	0.0	15.3	76.1	76.1	76.6	75.9	76.5	89.5
425	3.0	32.0	31.3	34.7	34.7	35.5	0.38	0.43	0.36	12.76	12.55	261.4	0.0	11.3	0.0	11.9	77.9	77.9	77.8	77.2	78.0	90.4
426	3.0	31.9	31.1	34.8	34.7	35.5	0.21	0.22	0.19	8.67	8.67	263.5	0.0	6.8	0.0	8.2	77.9	78.0	77.1	77.3	78.3	91.0
427	3.0	31.8	30.9	34.8	34.7	35.5	0.11	0.11	0.10	5.87	6.00	263.2	0.0	0.5	0.0	5.6	76.6	76.9	76.6	76.7	77.0	91.7
428	3.0	34.0	35.0	34.7	34.8	35.8	1.94	2.30	1.91	36.86	36.58	255.2	0.0	36.6	3.9	34.7	77.4	123.5	77.4	76.7	123.9	84.7
429	3.0	33.6	34.3	34.9	34.8	35.7	1.61	1.89	1.59	33.36	33.03	256.7	0.0	33.0	3.4	31.5	77.7	126.6	77.6	76.8	129.0	85.6
430	3.0	33.4	33.9	34.9	34.8	35.8	1.38	1.61	1.36	30.76	30.09	257.3	0.0	30.3	3.1	28.6	76.4	132.5	76.2	76.4	132.5	86.5
431	3.0	32.9	33.2	34.7	34.7	35.5	1.18	1.35	1.16	27.92	27.44	258.5	0.0	27.6	2.7	26.3	76.6	137.5	76.4	76.4	137.9	87.0
432	3.0	32.6	32.8	34.6	34.6	35.4	1.05	1.20	1.03	26.33	25.52	258.6	0.0	26.0	2.6	24.4	76.5	141.9	76.4	76.4	142.0	87.3
433	3.0	32.5	32.4	34.7	34.7	35.5	0.86	0.98	0.85	23.28	22.67	258.9	0.0	23.3	1.9	21.6	76.2	150.5	76.1	76.2	150.5	88.3
434	3.0	32.7	32.5	35.0	34.9	35.8	0.73	0.83	0.73	20.89	20.44	260.4	0.0	20.4	1.7	19.7	77.1	160.0	77.0	76.7	160.0	88.9
435	3.0	32.4	32.1	34.9	34.9	35.6	0.64	0.71	0.62	19.23	18.18	259.3	0.0	18.9	0.0	17.4	76.7	170.0	76.9	76.6	170.0	89.6
436	3.0	32.5	31.9	35.0	34.9	35.7	0.60	0.66	0.62	16.87	16.32	261.5	0.0	17.2	0.0	15.4	76.9	179.5	76.6	76.5	180.0	89.6
437	3.0	32.6	32.0	35.0	34.9	35.8	0.54	0.63	0.52	15.71	14.72	261.8	0.0	15.9	0.0	14.1	76.7	191.1	76.7	76.4	191.5	89.9
438	3.0	32.3	31.6	34.9	34.8	35.5	0.51	0.57	0.50	14.84	13.63	261.6	0.0	14.3	0.6	13.0	76.3	198.5	76.5	76.3	198.8	90.0
439	3.0	32.4	31.7	34.9	34.9	35.4	0.51	0.55	0.48	13.24	12.01	262.3	0.0	12.4	0.0	11.5	76.6	215.0	76.7	76.4	215.0	89.7
440	3.0	33.0	32.1	35.2	35.4	35.9	0.73	1.19	0.68	12.67	11.05	261.8	0.0	13.5	0.0	12.4	78.0	229.5	77.8	78.1	230.0	88.4
441	3.0	32.0	31.5	34.7	34.7	35.3	0.44	0.59	0.52	13.16	12.02	262.6	0.0	13.4	0.0	11.4	77.4	217.5	77.0	78.2	217.5	87.7
442	3.0	32.2	31.5	34.9	34.8	35.3	0.50	0.60	0.50	13.55	12.00	260.8	0.0	12.3	0.0	11.6	76.5	215.8	76.4	77.1	216.0	88.1
443	3.0	32.5	31.6	34.7	34.8	35.3	0.62	0.63	0.59	12.24	11.44	262.9	0.0	12.2	0.0	9.4	76.5	222.0	76.6	76.3	222.0	87.2
444	3.0	32.1	31.5	34.8	34.7	35.4	0.53	0.61	0.50	13.13	12.43	262.1	0.0	12.4	0.0	12.3	77.9	212.3	77.6	78.3	212.5	87.7
445	3.0	32.2	31.8	34.6	34.7	35.4	0.64	0.74	0.63	16.28	17.93	260.9	0.0	16.5	0.0	17.1	77.8	171.0	77.9	77.4	171.0	87.8
446	3.0	33.0	33.1	35.0	34.9	36.1	0.97	1.13	0.95	24.56	24.08	259.2	0.0	24.1	0.0	23.1	76.6	147.0	76.6	76.6	147.0	88.1
447	3.0	33.2	34.5	34.7	34.7	35.4	1.78	2.14	1.78	35.39	35.07	255.0	0.0	35.0	0.0	33.4	77.7	126.5	77.1	76.4	126.6	85.0
448	3.0	33.2	34.4	34.7	34.7	35.4	1.80	2.15	1.77	35.08	34.93	255.8	0.0	34.8	0.0	33.3	77.4	126.5	76.3	76.8	126.5	84.9
449	3.0	33.3	34.4	34.6	34.7	35.3	1.72	2.07	1.71	35.03	34.86	256.0	0.0	35.2	0.0	33.1	77.6	150.1	76.4	76.7	150.5	84.6
450	3.0	32.9	33.7	34.7	34.7	35.3	1.51	1.80	1.49	32.37	31.84	255.7	0.0	32.3	0.0	30.5	77.1	156.4	76.4	77.0	156.5	85.7
451	3.0	32.6	33.0	34.5	34.6	35.0	1.31	1.56	1.30	29.33	28.86	257.8	0.0	29.2	0.0	27.7	76.7	163.5	76.3	75.6	163.9	86.3

SRL Single Tube Flow Instability Test # 3.0
Stainless Steel ID = 0.995"

1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	TEW95W	TEW84N	TEW72W	TEW60N	TEW48W	TEW36N	TEW24W	TEW12N	TEW01W										
PPI	TEW95E	TEW84S	TEW72E	TEW60S	TEW48E	TEW36S	TEW24E	TEW12S	TEW01E										
402	52.9	505.9	510.4	507.5	531.8	528.9	529.1	514.2	544.4	529.8	537.8	527.8	549.5	535.4	542.8	530.2	542.5	514.0	520.7
403	52.5	497.8	501.1	500.3	525.4	520.8	522.5	507.7	537.4	524.0	532.1	522.2	545.2	532.2	540.5	528.5	539.9	512.3	521.0
404	50.4	545.2	549.5	544.2	574.3	568.1	568.2	549.7	586.1	569.8	579.5	566.4	594.2	578.7	587.5	568.7	582.3	548.2	561.3
405	51.0	548.8	554.0	547.8	577.8	571.7	572.1	553.8	589.0	572.9	582.7	570.8	597.2	581.4	590.0	575.7	591.5	558.1	566.5
406	51.7	553.1	558.8	552.4	581.7	575.8	577.1	558.2	593.7	577.2	587.1	574.8	600.5	584.2	592.5	574.0	587.6	555.2	571.7
407	51.7	552.8	559.8	551.3	582.0	575.5	576.3	557.3	593.8	577.7	586.0	573.7	599.7	582.6	582.3	574.7	589.4	558.9	571.8
408	51.9	552.7	558.6	551.4	581.7	576.1	576.3	557.9	593.9	576.7	586.4	572.5	598.8	582.9	581.5	573.8	85.2	628.3	570.6
409	51.5	552.1	559.1	550.8	581.4	576.3	576.5	558.0	593.3	576.2	585.8	572.9	598.6	582.3	590.8	575.3	89.0	562.4	572.0
410	51.8	555.4	560.8	553.6	583.9	578.4	579.7	559.4	595.8	578.1	587.6	575.0	601.2	584.3	592.2	572.7	84.3	635.4	572.4
411	52.4	556.7	561.3	554.9	585.2	578.4	579.1	561.0	596.5	579.2	587.5	575.0	600.8	584.4	592.5	578.2	87.3	562.6	446.4
412	51.1	550.8	555.8	550.0	578.5	571.7	574.9	555.2	591.4	574.6	584.4	572.8	598.9	583.0	591.7	574.0	86.1	644.2	330.9
413	51.3	552.2	557.6	551.1	581.1	574.8	575.8	558.0	593.1	577.2	586.6	574.3	600.2	584.4	592.9	577.1	87.6	576.0	331.5
414	51.7	554.2	560.1	553.1	583.7	578.1	579.1	558.6	594.6	578.1	587.1	574.4	600.7	584.4	592.5	578.1	89.1	563.9	331.3
415	51.4	553.5	560.0	551.7	583.6	577.9	577.4	559.5	594.5	577.5	586.6	573.5	600.1	583.3	591.7	575.5	85.1	627.6	331.1
416	52.5	553.1	558.1	552.2	581.8	574.7	578.2	558.8	593.3	576.9	586.4	573.6	599.3	582.8	592.3	571.1	83.0	614.8	332.7
417	51.4	552.2	558.2	551.1	581.7	576.2	576.3	558.6	594.0	577.2	585.6	572.9	600.0	583.5	591.3	576.0	87.2	630.0	332.4
418	51.6	554.4	559.8	553.4	583.3	576.7	578.0	559.6	595.3	578.0	588.8	575.0	601.8	584.3	593.7	579.5	85.9	564.4	333.8
419	20.8	76.8	77.3	77.0	77.3	77.2	77.8	77.2	77.9	77.1	77.0	76.8	77.2	77.2	77.0	76.8	76.8	78.1	77.9
420	21.9	75.8	76.0	75.8	75.9	76.1	76.2	76.0	76.6	76.0	76.0	75.7	76.1	76.0	75.9	75.4	76.3	76.5	76.0
421	22.8	76.7	77.3	77.0	77.1	76.9	77.7	77.1	77.6	77.0	77.3	76.6	77.1	77.1	77.1	77.1	75.4	76.0	77.5
422	23.3	76.2	76.7	76.5	76.8	76.4	77.2	77.0	77.4	76.8	76.4	76.4	76.5	76.7	76.5	76.7	76.1	76.2	77.2
423	23.8	76.2	76.8	77.0	77.0	76.4	77.5	77.2	77.6	76.7	76.9	76.7	76.7	76.7	77.0	76.3	75.2	75.7	77.2
424	24.2	75.3	75.9	75.7	75.6	75.7	76.1	75.9	76.0	75.7	75.8	75.3	75.6	75.6	75.2	75.3	72.6	73.3	76.7
425	24.7	76.4	76.7	76.7	76.8	77.1	77.4	76.7	77.4	76.6	76.5	76.5	76.5	76.6	76.4	76.1	74.6	75.2	77.0
426	25.0	77.1	77.4	77.4	77.6	77.4	78.1	77.5	77.9	77.5	77.5	77.0	77.3	77.4	77.4	77.2	78.2	78.2	77.7
427	25.3	75.8	76.1	76.3	76.5	76.1	76.7	76.4	76.5	76.0	76.1	75.6	76.1	76.2	76.1	75.9	73.4	73.7	76.6
428	20.9	287.5	287.7	288.6	305.4	306.5	304.5	296.4	317.5	307.5	312.5	308.3	322.4	316.4	321.3	315.9	319.7	291.6	291.4
429	21.6	295.9	297.2	298.0	316.1	314.9	315.2	307.4	328.2	319.7	324.7	319.2	334.3	329.0	335.7	328.5	336.4	312.1	316.1
430	22.3	300.1	300.1	302.9	321.4	323.3	320.0	312.3	334.7	325.6	330.3	325.7	341.2	335.5	341.2	336.5	342.2	321.2	322.4
431	22.5	305.0	307.3	309.8	328.6	329.0	328.1	320.5	343.0	333.6	339.6	335.0	350.6	344.8	351.7	346.4	354.1	333.1	336.7
432	22.8	308.1	310.1	313.7	332.6	332.9	333.3	326.3	347.7	339.3	345.0	340.5	356.8	351.5	358.2	353.4	361.5	339.7	343.7
433	23.2	315.1	316.8	323.3	342.3	343.4	344.1	336.8	359.9	351.4	357.9	354.0	370.1	365.3	372.5	369.4	377.8	355.6	357.3
434	23.8	319.7	322.6	330.7	349.4	354.7	352.2	345.4	368.9	360.3	367.6	365.2	381.3	376.7	382.6	379.1	383.9	363.1	367.9
435	24.1	326.8	329.6	341.5	358.5	363.6	364.1	356.9	379.7	373.2	380.6	378.1	393.1	390.8	395.1	391.5	398.5	376.7	376.9
436	24.2	330.9	334.2	348.5	364.4	370.8	370.6	365.8	386.7	382.0	387.6	384.3	397.7	392.3	397.7	393.7	402.6	381.4	381.7
437	24.5	340.4	342.6	357.7	374.4	381.3	379.6	373.1	394.7	386.3	391.0	387.4	401.7	395.5	399.9	396.6	405.7	384.1	383.6
438	24.4	344.0	346.5	363.4	379.3	382.8	383.6	376.2	395.9	388.8	394.4	389.9	404.4	397.2	402.0	395.3	400.3	380.0	386.2
439	24.0	357.2	358.1	371.5	388.2	388.3	387.6	380.6	401.3	394.7	400.0	395.0	408.9	400.5	404.9	399.5	408.0	387.8	387.7
440	22.9	377.5	381.6	380.2	395.7	395.7	395.7	387.6	408.5	400.5	405.8	399.5	413.3	404.2	408.7	401.4	408.9	387.8	390.4
441	22.4	365.7	369.8	374.7	392.0	390.3	391.9	384.5	404.9	397.1	402.5	397.2	411.0	402.3	406.5	400.2	405.6	386.4	390.1
442	22.5	365.0	368.6	373.6	391.3	390.3	391.1	383.5	404.9	396.5	401.6	396.3	410.6	401.9	406.3	400.0	405.1	386.2	390.5
443	21.7	375.0	377.8	378.7	394.2	392.6	392.6	385.3	405.9	398.0	403.5	397.7	411.0	402.5	406.9	397.7	401.2	381.9	390.8
444	22.4	355.7	357.5	369.8	387.1	388.2	387.1	380.5	401.3	394.2	399.6	394.9	408.6	400.7	405.2	397.8	400.9	382.7	390.1
445	22.9	328.6	332.7	344.4	360.5	362.8	366.9	361.2	381.6	375.2	380.3	376.2	391.1	386.0	391.6	388.0	398.5	380.2	385.7
446	23.6	312.6	315.8	322.4	338.1	338.8	342.4	335.7	356.1	348.8	355.8	350.7	367.5	362.1	369.0	364.5	372.9	357.4	368.4
447	20.2	292.8	294.0	294.9	311.7	311.9	310.7	302.7	323.9	314.7	319.6	314.6	329.5	324.0	329.1	323.6	330.7	304.8	304.2
448	20.2	292.2	293.6	294.5	312.9	311.2	310.9	302.4	324.9	314.9	320.3	315.1	330.0	323.5	329.7	323.2	329.6	309.4	315.1
449	20.3	384.4	387.0	385.0	409.2	407.8	409.2	397.3	427.0	414.4	421.8	413.7	434.8	426.6	435.6	426.6	436.8	407.2	412.5
450	20.9	391.0	392.0	392.6	416.4	415.2	416.1	405.3	434.3	423.1	430.0	422.7	442.4	435.0	443.3	434.2	443.2	415.4	421.8
451	21.2	396.0	398.3	399.0	423.7	425.1	423.9	413.5	442.1	430.7	437.0	430.0	449.4	442.9	448.9	438.7	448.8	421.0	427.1

SRL Single Tube Flow Instability Test # 3.0
Stainless Steel ID = 0.995"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VOLTB	CURRT	HRATIO	TKW12W	TKW01N	VL	HL	YEAR	DAY	MIN											
	HFLX	VOLTT	QUALITY	DPP1	TKW12E	TKW01S	ID	DPL	MONTH	HRS	RUN											
402	488.2	0.804	88.1	87.6	5576	-4.6	99.0	64.0	526.6	545.0	530.8	536.1	95.5	0.995	96.0	100.5	1989	1	12	23	56	402
403	485.5	0.799	87.8	87.2	5566	-7.0	99.9	63.7	525.1	543.9	529.2	535.1	95.5	0.995	96.0	100.5	1989	1	13	0	0	403
404	607.5	1.000	98.8	98.3	6183	-7.9	100.2	62.8	569.9	592.1	573.5	581.0	95.5	0.995	96.0	100.5	1989	1	13	0	6	404
405	609.1	1.003	99.1	98.4	6189	-7.1	99.7	62.8	570.1	594.3	575.0	583.0	95.5	0.995	96.0	100.5	1989	1	13	0	10	405
406	609.5	1.003	99.1	98.5	6189	-8.3	99.9	63.2	571.3	595.2	578.6	585.4	95.5	0.995	96.0	100.5	1989	1	13	0	16	406
407	609.4	1.003	99.1	98.6	6182	-8.1	99.9	63.1	572.1	594.7	578.9	584.5	95.5	0.995	96.0	100.5	1989	1	13	0	19	407
408	607.5	1.000	99.0	98.3	6182	-8.0	99.6	63.0	571.3	595.1	577.5	583.2	95.5	0.995	96.0	100.5	1989	1	13	0	23	408
409	605.0	0.998	98.8	98.0	6171	-8.0	99.6	63.0	570.3	594.7	576.2	584.3	95.5	0.995	96.0	100.5	1989	1	13	0	28	409
410	610.5	1.005	99.3	98.6	6191	-5.5	99.8	63.1	572.7	593.1	577.8	585.1	95.5	0.995	96.0	100.5	1989	1	13	0	31	410
411	611.0	1.006	99.3	98.7	6192	-5.3	99.8	63.3	572.9	596.7	579.2	585.7	95.5	0.995	96.0	100.5	1989	1	13	0	34	411
412	613.4	1.010	99.4	98.8	6207	-7.2	100.0	62.6	574.2	596.9	578.8	586.2	95.5	0.995	96.0	100.5	1989	1	13	0	39	412
413	614.8	1.012	99.4	99.0	6213	-8.6	100.0	62.7	574.8	597.6	579.1	587.0	95.5	0.995	96.0	100.5	1989	1	13	0	41	413
414	609.5	1.003	99.1	98.5	6187	-5.8	99.9	62.9	572.1	595.0	579.4	586.0	95.5	0.995	96.0	100.5	1989	1	13	0	45	414
415	608.3	1.002	99.0	98.4	6185	-5.8	99.5	62.7	571.9	594.1	579.1	585.4	95.5	0.995	96.0	100.5	1989	1	13	0	48	415
416	607.7	1.001	98.9	98.4	6177	-6.1	99.8	62.8	572.3	593.8	579.8	584.9	95.5	0.995	96.0	100.5	1989	1	13	0	51	416
417	606.1	0.998	98.8	98.2	6173	-6.3	99.9	62.5	573.3	595.9	578.1	586.0	95.5	0.995	96.0	100.5	1989	1	13	0	55	417
418	616.2	1.014	99.6	99.1	6218	-8.4	100.0	62.6	574.8	597.5	579.1	586.9	95.5	0.995	96.0	100.5	1989	1	13	1	0	418
419	0.0	0.000	0.1	0.1	1	0.0	0.0	64.8	80.2	79.5	79.4	78.8	95.5	0.995	96.0	100.5	1989	1	17	13	39	419
420	0.0	0.000	0.1	0.1	1	0.0	0.0	65.1	78.6	78.1	78.1	77.6	95.5	0.995	96.0	100.5	1989	1	17	13	49	420
421	0.0	0.000	0.1	0.1	1	0.0	0.0	65.5	79.8	79.5	79.4	79.2	95.5	0.995	96.0	100.5	1989	1	17	13	53	421
422	0.0	0.000	0.1	0.1	1	0.0	0.0	65.8	79.4	78.9	79.0	79.0	95.5	0.995	96.0	100.5	1989	1	17	13	56	422
423	0.0	0.000	0.1	0.1	1	0.0	0.0	66.2	79.9	79.1	79.0	79.2	95.5	0.995	96.0	100.5	1989	1	17	13	59	423
424	0.0	0.000	0.1	0.1	1	0.0	0.0	66.5	79.0	77.9	78.2	77.5	95.5	0.995	96.0	100.5	1989	1	17	14	1	424
425	0.0	0.000	0.1	0.1	2	0.0	0.0	66.9	79.9	78.8	78.8	78.6	95.5	0.995	96.0	100.5	1989	1	17	14	3	425
426	0.0	0.000	0.1	0.1	0	0.0	0.0	67.1	80.2	79.9	79.6	79.4	95.5	0.995	96.0	100.5	1989	1	17	14	10	426
427	0.0	0.000	0.1	0.1	0	0.0	0.0	67.4	80.3	78.6	78.3	78.1	95.5	0.995	96.0	100.5	1989	1	17	14	15	427
428	242.9	0.400	59.5	59.2	4102	-14.5	100.9	64.9	317.1	333.7	316.8	322.2	95.5	0.995	96.0	100.5	1989	1	17	14	27	428
429	242.1	0.399	59.6	59.2	4090	-14.0	100.7	64.9	331.9	346.6	332.6	337.6	95.5	0.995	96.0	100.5	1989	1	17	14	35	429
430	244.0	0.402	60.0	59.6	4096	-13.6	100.4	65.3	337.2	354.6	337.4	343.1	95.5	0.995	96.0	100.5	1989	1	17	14	39	430
431	241.5	0.398	59.7	59.3	4071	-13.0	100.3	65.4	348.5	366.0	349.1	354.9	95.5	0.995	96.0	100.5	1989	1	17	14	45	431
432	242.0	0.398	59.8	59.6	4062	-12.5	100.4	65.7	355.8	372.8	356.4	361.4	95.5	0.995	96.0	100.5	1989	1	17	14	49	432
433	243.8	0.401	60.2	59.9	4068	-11.6	100.4	66.0	370.7	389.0	370.3	375.8	95.5	0.995	96.0	100.5	1989	1	17	14	53	433
434	246.5	0.406	60.8	60.4	4081	-10.6	99.8	66.1	382.4	401.0	380.9	386.3	95.5	0.995	96.0	100.5	1989	1	17	14	57	434
435	246.6	0.406	60.9	60.6	4069	-9.6	100.2	66.5	393.5	409.2	392.7	396.4	95.5	0.995	96.0	100.5	1989	1	17	15	0	435
436	244.5	0.402	60.7	60.4	4048	-8.5	99.7	66.6	396.7	408.8	395.9	398.4	95.5	0.995	96.0	100.5	1989	1	17	15	4	436
437	245.3	0.404	60.9	60.6	4051	-7.3	99.8	66.6	398.8	410.2	397.0	401.0	95.5	0.995	96.0	100.5	1989	1	17	15	7	437
438	241.9	0.398	60.5	60.2	4018	-6.6	100.3	66.6	400.6	411.3	398.5	402.5	95.5	0.995	96.0	100.5	1989	1	17	15	11	438
439	243.5	0.401	60.8	60.5	4028	-4.7	99.5	66.7	401.1	412.4	400.0	404.0	95.5	0.995	96.0	100.5	1989	1	17	15	17	439
440	246.4	0.406	61.2	60.9	4047	-3.1	99.0	66.7	402.9	413.3	403.7	406.4	95.5	0.995	96.0	100.5	1989	1	17	15	22	440
441	245.7	0.405	61.1	60.8	4045	-4.4	99.7	66.5	402.6	412.6	402.0	405.0	95.5	0.995	96.0	100.5	1989	1	17	15	29	441
442	244.7	0.403	61.0	60.6	4037	-4.6	99.5	66.7	402.1	412.3	401.7	404.2	95.5	0.995	96.0	100.5	1989	1	17	15	31	442
443	243.2	0.400	60.8	60.5	4023	-3.9	99.7	66.5	401.8	412.5	402.4	405.0	95.5	0.995	96.0	100.5	1989	1	17	15	36	443
444	245.5	0.404	61.0	60.7	4044	-4.9	99.2	66.5	401.2	411.7	400.5	404.2	95.5	0.995	96.0	100.5	1989	1	17	15	41	444
445	242.6	0.399	60.4	60.0	4044	-9.4	100.0	66.3	392.1	404.0	390.2	395.9	95.5	0.995	96.0	100.5	1989	1	17	15	45	445
446	245.5	0.404	60.4	60.1	4087	-12.1	100.4	65.8	369.3	383.3	368.9	374.7	95.5	0.995	96.0	100.5	1989	1	17	15	51	446
447	245.1	0.404	59.9	59.5	4119	-14.2	101.3	66.1	324.9	340.2	325.1	330.3	95.5	0.995	96.0	100.5	1989	1	18	12	12	447
448	245.0	0.403	59.8	59.5	4116	-14.2	101.5	65.8	323.8	340.4	325.8	330.9	95.5	0.995	96.0	100.5	1989	1	18	12	26	448
449	365.0	0.601	74.5	74.1	4923	-11.7	100.6	65.8	427.3	447.1	428.7	436.3	95.5	0.995	96.0	100.5	1989	1	18	12	48	449
450	365.0	0.601	74.6	74.3	4913	-11.0	100.7	66.3	434.5	454.1	436.7	442.6	95.5	0.995	96.0	100.5	1989	1	18	12	53	450
451	364.6	0.600	74.7	74.4	4903	-10.2	100.0	66.4	440.9	460.0	442.2	447.1	95.5	0.995	96.0	100.5	1989	1	18	12	56	451

SRL Single Tube Flow Instability Test # 3.0
Stainless Steel ID = 0.985"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FBI1	FMO1	OTI1	TRTO1	TJT12	PPO1											
TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRT11	TJT11	TRTO2												
452	3.0	32.6	32.9	34.5	34.6	35.1	1.19	1.42	1.18	27.01	26.77	257.0	0.0	27.0	0.0	25.8	76.1	170.0	75.0	75.8	170.0	87.1
453	3.0	32.6	32.7	35.0	34.8	35.4	1.09	1.28	1.08	24.40	24.12	259.0	0.0	25.1	0.0	23.3	76.8	179.5	76.1	76.3	179.5	87.3
454	3.0	32.5	32.6	34.9	34.8	35.4	1.03	1.19	1.04	22.84	22.62	257.2	0.0	23.6	0.0	21.8	76.8	186.0	76.0	76.2	186.0	88.4
455	3.0	32.3	33.3	34.8	34.7	35.3	0.97	1.13	0.98	21.69	21.23	259.4	0.0	24.1	0.0	20.5	76.5	195.5	75.8	75.7	195.5	88.5
456	3.0	32.4	33.1	35.0	34.8	35.3	0.97	1.05	0.95	20.63	20.47	258.2	0.0	22.6	0.0	19.5	76.3	199.1	75.5	75.3	199.5	88.9
457	3.0	32.2	32.0	34.8	34.8	35.2	0.88	1.19	0.95	20.97	19.79	260.6	0.0	20.2	0.0	19.5	76.1	203.9	75.5	74.8	204.0	88.5
458	3.0	32.6	32.8	34.9	34.9	35.5	1.00	1.17	0.96	22.32	22.04	258.3	0.0	22.7	22.8	21.4	76.9	190.6	76.0	76.1	191.0	80.0
459	3.0	32.7	32.8	34.9	34.8	35.5	0.99	1.12	0.94	21.85	20.96	260.2	0.0	23.2	21.7	20.5	77.7	197.5	77.0	75.9	198.0	81.0
460	3.0	32.6	32.7	35.0	34.8	35.5	0.98	1.09	0.94	21.71	21.01	259.2	0.0	22.3	21.7	20.2	77.2	197.5	76.1	76.3	197.5	80.8
461	3.0	32.2	32.2	34.6	34.6	35.3	0.98	1.12	0.94	20.38	19.69	260.1	0.0	20.8	20.5	19.1	76.6	205.0	76.4	75.6	205.2	81.9
462	3.0	32.3	32.4	34.8	34.7	35.3	0.88	1.03	0.94	20.37	19.75	260.2	0.0	20.6	20.6	18.9	76.4	203.4	75.2	75.6	203.5	81.4
463	3.0	32.2	32.2	34.7	34.7	35.3	1.02	1.08	0.95	19.31	18.74	260.4	0.0	19.3	19.6	17.7	76.1	209.3	75.6	75.3	209.5	82.5
464	3.0	32.4	32.1	34.6	34.7	35.4	1.00	1.14	1.00	18.97	18.45	261.1	0.0	19.3	19.3	17.5	76.9	212.0	76.0	76.6	212.5	82.8
465	3.0	32.3	32.4	34.7	34.7	35.4	1.03	1.17	1.02	19.30	18.57	258.6	0.0	19.5	19.2	17.9	77.3	212.0	76.2	76.4	212.0	82.7
466	3.0	32.0	31.9	34.3	34.6	35.0	1.12	1.48	1.04	18.89	18.06	261.1	0.0	19.8	19.0	19.2	77.2	214.5	76.6	76.3	214.5	82.3
467	3.0	35.2	37.7	35.0	34.7	36.2	3.13	3.74	3.11	47.50	47.90	251.8	0.0	48.0	5.2	45.4	120.7	156.5	119.8	119.8	156.5	81.2
468	3.0	34.5	36.9	34.7	34.7	35.8	2.87	3.45	2.84	45.46	45.64	252.5	0.0	45.9	4.9	43.1	120.6	158.0	119.9	119.3	158.2	81.3
469	3.0	34.2	35.9	34.6	34.7	35.8	2.46	2.96	2.43	41.64	41.74	254.5	0.0	42.1	4.4	39.6	120.5	161.1	119.4	119.4	161.5	82.9
470	3.0	33.5	34.6	34.6	34.6	35.5	2.00	2.39	1.98	36.97	37.00	255.9	0.0	37.4	3.8	35.3	121.8	167.3	120.5	120.2	167.5	83.6
471	3.0	33.2	34.3	34.7	34.7	35.6	1.66	2.00	1.63	33.16	33.09	256.3	0.0	33.5	3.4	31.7	120.2	171.5	119.1	118.6	171.5	85.7
472	3.0	33.3	34.0	35.0	34.8	35.8	1.52	1.81	1.50	31.62	31.41	256.1	0.0	31.9	3.0	30.1	121.1	174.5	119.9	120.1	175.0	86.1
473	3.0	32.8	33.3	34.6	34.7	35.5	1.32	1.59	1.32	29.09	28.86	258.3	0.0	29.3	2.4	27.8	120.9	179.0	120.2	120.0	179.0	86.1
474	3.0	32.8	33.1	34.9	34.8	35.6	1.17	1.39	1.18	26.83	26.59	259.4	0.0	27.0	1.5	25.7	120.2	182.6	119.2	118.7	183.0	86.9
475	3.0	32.7	32.8	35.0	34.8	35.7	1.05	1.24	1.04	24.74	24.54	259.7	0.0	24.9	0.0	23.7	120.3	188.0	119.4	119.7	188.3	88.0
476	3.0	32.1	31.3	34.6	34.7	35.5	0.87	1.14	0.95	22.94	22.78	258.1	0.0	23.2	0.0	22.0	120.5	194.0	119.9	119.5	194.0	88.2
477	3.0	32.6	32.5	34.9	34.8	35.7	0.89	1.06	0.88	21.47	21.33	260.2	0.0	21.6	0.0	20.7	120.7	199.5	119.4	119.7	199.9	88.6
478	3.0	32.4	32.3	34.8	34.7	35.6	0.84	1.00	0.86	20.53	20.32	261.2	0.0	20.5	0.0	19.8	120.9	203.4	120.3	119.9	203.5	88.2
479	3.0	32.4	32.2	35.0	34.7	35.8	0.76	0.92	0.77	18.85	18.55	260.4	0.0	18.7	0.0	18.2	120.3	210.5	119.7	118.5	210.5	88.9
480	3.0	32.3	32.1	34.9	34.7	35.5	0.77	0.87	0.77	18.00	17.82	261.7	0.0	18.5	0.0	17.2	121.5	215.2	120.7	121.0	215.5	88.4
481	3.0	32.3	32.0	34.8	34.7	35.5	0.81	1.00	0.76	17.62	17.20	261.0	0.0	17.2	0.0	16.9	121.9	220.0	120.8	121.1	220.1	88.5
482	3.0	32.5	32.3	35.0	34.9	35.7	0.85	0.80	0.79	16.49	16.09	262.2	0.0	16.2	0.4	15.9	120.3	225.0	119.5	119.3	225.0	88.1
483	3.0	32.0	31.7	34.4	34.5	35.3	0.79	0.90	0.77	18.00	18.72	260.9	0.0	19.0	0.0	18.4	120.3	210.5	118.3	119.1	211.0	87.2
484	3.0	31.5	31.3	34.5	34.4	34.8	0.86	0.99	0.84	20.26	20.00	261.5	0.0	20.6	0.0	19.4	121.0	205.5	120.2	119.7	205.5	86.6
485	3.0	31.8	31.7	34.7	34.5	35.0	0.84	0.98	0.84	19.90	19.62	259.6	0.0	19.8	0.0	19.1	121.9	206.7	120.9	120.9	207.0	87.4
486	3.0	31.9	31.6	34.9	34.6	35.2	1.03	1.17	0.98	22.89	22.72	259.6	0.0	23.2	0.0	22.0	120.1	194.5	119.2	119.0	194.5	87.0
487	3.0	32.1	32.1	34.9	34.6	35.2	0.98	1.16	0.97	22.95	22.81	260.0	0.0	23.1	0.0	22.0	120.6	194.5	119.7	119.3	194.7	87.6
488	3.0	31.9	31.9	34.8	34.5	35.1	0.93	1.10	0.91	22.05	21.80	260.4	0.0	22.1	0.0	21.1	121.4	196.5	120.4	120.4	196.5	87.2
489	3.0	35.1	37.7	34.5	34.9	36.1	3.10	3.71	3.09	47.54	47.91	252.2	0.0	48.0	5.1	45.1	120.8	156.5	120.0	119.9	156.5	81.0
490	3.0	34.4	36.4	34.7	34.9	36.1	2.55	3.08	2.54	42.75	42.97	253.5	0.0	43.3	4.4	40.5	121.5	161.3	121.0	120.6	161.5	82.9
491	3.0	36.2	38.7	35.1	35.0	36.5	3.58	4.17	3.55	47.39	47.73	251.9	0.0	47.2	5.0	44.9	120.1	120.5	119.4	119.1	120.9	81.3
492	3.0	35.3	37.4	34.8	34.9	36.1	3.15	3.66	3.14	44.23	44.47	253.4	0.0	44.1	4.7	41.8	121.3	121.6	120.4	120.2	122.0	82.1
493	3.0	34.4	36.1	34.5	34.7	35.9	2.64	3.08	2.63	40	40.06	255.2	0.0	39.9	4.1	37.8	121.2	121.5	120.2	120.1	122.0	83.3
494	3.0	34.1	35.3	34.6	34.7	36.0	2.26	2.64	2.23	36.51	36.57	254.4	0.0	36.2	3.6	34.8	121.7	122.0	120.6	120.4	122.5	84.8
495	3.0	33.6	34.4	34.7	34.7	35.9	1.76	2.05	1.77	32.06	31.9	255.3	0.0	31.6	3.2	30.4	120.9	121.4	119.7	119.6	121.5	86.1
496	3.0	33.3	33.8	34.7	34.7	35.9	1.48	1.7	1.5	29.07	28.8	257.1	0.0	28.6	2.7	27.6	121.1	121.6	120.3	120.1	122.0	87.0
497	3.0	33.0	33.3	34.7	34.7	35.8	1.22	1.43	1.24	26.21	25.91	258.4	0.0	25.5	2.2	24.9	120.7	121.2	119.7	119.6	121.5	87.8
498	3.0	32.7	32.8	34.8	34.8	35.9	0.93	1.07	0.93	22.15	21.85	259.9	0.0	21.5	1.3	21.1	120.8	121.5	119.7	119.6	121.9	88.5
499	3.0	32.5	32.4	34.9	34.9	36.0	0.67	0.77	0.68	18.62	18.38	260.5	0.0	17.7	18.4	17.7	121.3	122.0	120.4	119.9	122.5	83.9
500	3.0	32.2	31.8	34.6	34.7	35.6	0.54	0.63	0.55	16.24	16.06	259.1	0.0	15.3	16.1	15.4	121.4	122.5	120.9	120.5	122.5	85.4
501	3.0	32.2	31.8	34.9	34.9	35.9	0.39	0.46	0.39	13.43	13.36	261.9	0.0	12.3	13.4	12.9	121.6	122.5	121.0	119.9	123.0	87.3

SRL Single Tube Flow Instability Test # 3.0
Stainless Steel ID = 0.995"

1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	TEW95W	TEW94N	TEW72W	TEW60N	TEW48W	TEW36N	TEW24W	TEW12N	TEW01W										
PP11	TEW95E	TEW94S	TEW72E	TEW60S	TEW48E	TEW36S	TEW24E	TEW12S	TEW01E										
452	22.1	401.8	402.8	407.2	431.2	431.2	431.0	420.3	448.2	436.9	443.4	436.2	454.4	446.9	453.0	445.4	454.4	427.3	432.4
453	22.7	406.6	411.2	414.7	439.8	436.7	436.1	424.7	451.4	440.2	447.0	438.7	457.6	448.6	455.3	447.4	455.8	430.7	437.1
454	23.0	413.6	416.0	420.2	444.4	440.9	438.5	427.3	453.8	442.4	449.6	443.0	461.4	450.8	458.0	449.3	456.7	432.6	438.5
455	22.9	420.5	424.2	425.7	447.6	444.2	442.3	430.8	458.7	446.4	453.1	446.1	465.5	454.1	460.1	451.0	458.7	434.4	440.4
456	23.1	427.2	431.1	428.0	450.0	446.1	444.5	433.9	460.9	449.1	455.5	446.1	467.3	455.6	462.5	451.8	460.6	435.8	442.5
457	23.1	426.0	433.2	429.2	451.3	446.2	447.5	435.6	462.4	451.1	456.1	449.7	468.2	456.0	463.0	453.5	460.9	436.4	443.3
458	15.6	431.8	437.1	426.6	448.4	442.1	441.6	429.9	457.3	445.2	452.2	445.0	463.7	452.4	459.3	449.8	457.4	427.4	429.9
459	16.4	431.1	436.5	427.0	448.9	444.8	444.1	431.6	458.9	447.1	453.9	446.6	465.5	453.9	460.2	450.9	459.0	433.5	438.6
460	16.3	433.6	438.5	429.4	450.9	446.2	446.6	434.4	460.9	450.3	456.7	446.6	467.9	455.4	462.5	452.6	461.6	435.5	441.0
461	16.9	433.4	438.4	429.6	451.7	448.6	447.6	435.3	462.2	450.7	457.0	449.4	467.4	455.3	461.8	450.5	459.8	434.3	441.2
462	16.8	433.1	438.1	428.9	452.2	447.1	447.9	435.6	462.6	450.7	457.4	449.4	467.7	456.1	462.6	452.0	461.5	436.8	442.8
463	17.4	433.5	438.9	430.9	453.1	449.1	449.8	436.9	463.8	451.8	456.7	449.9	468.5	455.8	462.7	451.2	458.8	434.8	443.0
464	17.6	435.6	439.0	431.8	453.5	449.4	450.2	437.4	464.1	452.3	458.6	450.2	468.4	456.2	462.2	452.4	461.3	436.6	442.9
465	17.7	435.0	440.0	432.5	453.5	449.9	450.7	437.9	464.7	452.5	459.1	450.3	468.3	455.9	462.3	452.0	459.3	436.1	442.8
466	17.5	434.9	439.8	432.7	454.3	449.4	450.9	437.7	463.9	452.2	459.1	450.1	468.1	455.9	461.9	451.3	460.2	436.0	442.3
467	18.4	299.2	300.3	302.2	318.5	316.6	317.8	310.1	329.1	320.4	326.2	320.2	334.5	328.4	334.6	329.2	336.5	319.7	327.2
468	18.6	301.9	303.5	305.4	321.4	319.9	320.9	312.9	333.3	324.3	329.5	324.3	338.4	332.6	338.7	332.6	337.9	321.0	328.7
469	19.9	305.4	306.8	309.0	326.1	325.8	324.5	317.0	337.6	328.9	334.3	329.7	343.8	337.7	343.5	337.1	342.2	324.5	332.0
470	20.6	312.3	314.5	317.4	334.4	334.2	334.3	327.4	347.7	339.2	344.8	339.9	355.0	348.9	355.3	349.7	354.7	335.0	343.3
471	21.6	318.6	319.8	323.7	341.6	343.0	341.2	334.8	356.2	347.7	353.3	348.7	363.7	358.2	364.6	359.8	366.4	346.8	351.8
472	22.1	321.1	323.4	327.0	344.9	346.0	345.8	338.8	360.4	352.1	357.7	354.0	368.3	363.0	369.7	365.2	369.9	350.4	355.8
473	22.2	326.4	327.4	333.2	351.0	353.1	352.1	345.4	367.4	359.2	364.9	361.2	376.7	371.1	377.3	372.8	378.9	358.4	363.7
474	22.9	328.4	330.1	337.6	353.2	356.2	356.9	350.4	372.4	364.6	370.3	367.1	382.1	376.6	382.6	377.6	383.6	363.5	367.7
475	23.3	331.7	336.1	343.4	359.1	363.9	364.3	358.5	379.3	372.1	378.1	374.1	388.7	383.4	389.8	383.5	390.3	370.1	375.7
476	23.7	337.4	339.5	348.9	364.6	370.2	369.9	363.5	384.3	377.4	382.8	379.6	393.7	387.9	393.4	388.8	394.3	375.2	378.9
477	23.7	344.6	347.7	358.3	374.3	378.0	379.1	371.9	392.9	384.9	390.1	385.8	400.5	394.4	399.4	394.3	399.6	379.9	385.1
478	23.7	346.5	350.3	361.8	377.3	381.2	381.7	374.4	394.7	387.1	392.2	388.1	402.2	396.2	401.6	396.1	401.8	382.7	387.3
479	23.9	354.4	357.4	369.2	385.2	387.6	387.7	379.2	399.4	391.5	396.5	391.8	405.7	398.6	403.9	399.4	405.2	386.6	390.0
480	23.6	358.9	361.7	374.3	389.3	390.1	390.6	381.8	401.9	393.5	398.6	393.9	407.9	400.6	405.6	399.9	405.8	387.3	390.8
481	23.3	365.3	368.7	378.2	393.7	392.3	392.8	384.4	404.0	396.5	401.1	396.8	410.0	401.6	406.7	400.9	405.7	387.2	391.4
482	23.1	372.9	376.3	379.5	395.1	393.8	394.2	386.3	406.3	398.3	403.1	397.2	411.4	402.5	407.6	401.4	407.0	388.5	392.3
483	22.4	367.1	371.9	374.9	390.3	387.2	390.3	382.7	401.9	394.4	399.4	394.4	407.9	400.2	406.3	400.6	406.9	387.9	392.2
484	22.5	353.2	356.1	367.7	382.4	382.1	383.8	376.2	396.5	388.9	394.0	389.8	403.9	397.4	403.1	397.7	403.6	385.5	391.6
485	22.9	349.1	352.5	364.2	380.1	381.2	381.4	374.6	394.6	387.2	392.3	388.1	402.3	395.8	401.2	396.8	403.1	385.2	390.6
486	22.7	342.3	345.8	355.3	371.0	372.9	374.2	367.2	387.5	380.5	385.3	381.8	396.1	390.2	395.7	391.4	396.1	381.0	387.3
487	22.9	341.6	344.9	354.7	370.9	372.5	374.2	367.3	388.0	381.4	385.8	381.7	396.4	390.3	396.4	391.3	397.6	380.2	387.8
488	23.0	340.6	344.1	354.3	370.3	374.6	373.9	367.3	388.6	380.8	386.0	382.2	396.7	391.0	395.6	391.7	397.4	380.6	387.0
489	17.9	299.5	300.7	302.0	318.4	317.7	317.3	310.2	329.6	320.5	325.5	320.5	334.3	328.7	334.3	328.6	334.6	314.0	319.2
490	19.3	305.3	306.5	308.8	325.1	325.2	324.0	316.6	337.3	328.4	333.7	328.7	342.8	337.0	342.7	337.4	342.0	321.3	324.3
491	18.6	121.5	122.1	122.3	122.0	122.0	122.7	122.9	123.1	122.5	122.8	122.2	123.4	123.4	123.4	122.6	122.8	129.6	136.2
492	19.1	122.5	122.9	123.0	123.3	123.2	123.6	123.7	124.1	123.5	123.8	123.3	123.8	124.0	123.8	123.4	122.2	127.9	135.4
493	20.0	123.3	123.6	123.5	123.7	123.4	124.2	124.0	124.4	124.0	124.0	123.8	124.2	124.8	124.8	124.1	124.3	127.1	132.1
494	20.8	123.0	123.3	123.2	123.2	123.5	123.8	123.8	124.3	123.6	123.9	123.7	123.8	124.1	123.9	123.5	123.2	125.7	129.4
495	21.8	122.2	122.5	122.6	122.7	122.5	123.1	123.0	123.6	122.9	123.5	122.8	123.3	123.7	123.5	123.1	123.8	124.1	128.1
496	22.3	122.5	122.5	122.7	122.8	123.0	123.3	122.8	123.7	123.0	123.5	123.1	123.3	123.7	123.4	122.8	122.3	124.3	127.5
497	22.7	122.4	122.5	122.6	122.8	122.5	123.1	122.6	123.5	122.8	123.3	122.8	123.3	123.5	123.4	122.7	123.0	124.2	126.5
498	23.4	122.4	122.4	122.4	122.8	122.8	123.1	123.0	123.6	122.6	123.2	123.0	123.2	123.7	123.6	122.9	122.7	123.9	126.3
499	18.8	122.5	122.8	122.9	123.1	123.6	123.6	123.1	124.1	123.3	123.7	123.4	123.6	123.8	123.8	123.5	122.1	122.2	125.4
500	20.1	122.9	123.1	123.1	123.2	123.8	123.7	123.2	124.1	123.5	123.8	123.7	123.7	124.0	123.9	123.6	123.1	123.1	124.7
501	21.9	123.4	123.5	123.6	123.9	124.2	124.0	123.7	124.7	123.9	124.1	124.2	124.2	124.5	124.4	124.1	124.1	123.8	125.1

SRL Single Tube Flow Instability Test # 3.0

Stainless Steel ID = 0.995"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VOLTB	CURRT	HRATIO	TKW12W	TKW01N	VL	HL	YEAR	DAY	MIN											
	HFLX	VOLTT	QUALITY	DPP1	TKW12E	TKW01E	ID	DPL	MONTH	HRS	RUN											
452	364.7	0.600	74.9	74.5	4897	-9.5	100.3	66.6	445.0	463.8	446.5	451.7	95.5	0.995	96.0	100.5	1989	1	18	12	59	452
453	362.9	0.597	74.7	74.3	4883	-8.5	99.2	66.6	446.6	465.1	446.6	453.7	95.5	0.995	96.0	100.5	1989	1	18	13	5	453
454	366.0	0.603	75.1	74.7	4901	-7.6	100.0	66.9	449.6	466.5	451.4	455.4	95.5	0.995	96.0	100.5	1989	1	18	13	8	454
455	368.2	0.606	75.4	75.0	4909	-6.8	99.8	66.0	452.8	466.9	453.9	457.7	95.5	0.995	96.0	100.5	1989	1	18	13	12	455
456	367.2	0.605	75.4	74.9	4903	-6.4	99.5	67.2	453.6	467.8	454.5	459.0	95.5	0.995	96.0	100.5	1989	1	18	13	15	456
457	367.4	0.605	75.3	74.9	4905	-5.9	100.2	66.9	452.8	467.5	454.1	460.1	95.5	0.995	96.0	100.5	1989	1	18	13	18	457
458	368.3	0.603	75.2	74.8	4897	-7.3	99.5	66.1	446.6	466.5	450.3	454.2	95.5	0.995	96.0	100.5	1989	1	18	13	26	458
459	369.2	0.606	75.6	75.1	4919	-6.5	99.8	66.3	451.5	467.8	452.7	457.2	95.5	0.995	96.0	100.5	1989	1	18	13	34	459
460	368.4	0.607	75.5	75.0	4913	-6.6	99.7	66.3	453.4	468.4	455.1	459.4	95.5	0.995	96.0	100.5	1989	1	18	13	36	460
461	372.2	0.613	75.9	75.5	4933	-5.6	98.7	66.3	452.4	467.5	453.7	458.9	95.5	0.995	96.0	100.5	1989	1	18	13	39	461
462	367.6	0.605	75.4	74.9	4906	-5.9	99.2	66.4	452.1	467.8	454.6	459.4	95.5	0.995	96.0	100.5	1989	1	18	13	41	462
463	367.5	0.605	75.3	75.0	4896	-5.2	99.0	66.4	452.6	467.8	454.2	459.4	95.5	0.995	96.0	100.5	1989	1	18	13	45	463
464	366.4	0.603	75.2	74.9	4894	-4.9	99.1	66.5	452.1	466.6	454.1	459.0	95.5	0.995	96.0	100.5	1989	1	18	13	48	464
465	364.7	0.600	75.1	74.6	4886	-5.0	99.8	66.7	452.1	466.2	453.4	459.2	95.5	0.995	96.0	100.5	1989	1	18	13	49	465
466	365.4	0.602	75.1	74.8	4886	-4.5	98.9	66.4	451.5	466.6	453.9	458.1	95.5	0.995	96.0	100.5	1989	1	18	13	54	466
467	242.9	0.400	59.6	59.3	4096	-11.1	101.7	63.9	330.0	343.4	330.5	335.8	95.5	0.995	96.0	100.5	1989	1	18	14	37	467
468	243.4	0.401	59.7	59.4	4095	-10.8	101.1	64.2	333.4	347.8	334.7	339.2	95.5	0.995	96.0	100.5	1989	1	18	14	55	468
469	244.0	0.402	59.9	59.6	4095	-10.4	100.3	64.4	337.4	354.4	336.3	343.8	95.5	0.995	96.0	100.5	1989	1	18	14	58	469
470	242.2	0.399	59.8	59.5	4070	-9.8	100.2	64.6	351.0	366.8	351.7	356.8	95.5	0.995	96.0	100.5	1989	1	18	15	2	470
471	244.7	0.403	60.3	59.9	4085	-9.3	100.0	65.3	360.9	376.8	361.4	366.7	95.5	0.995	96.0	100.5	1989	1	18	15	6	471
472	243.2	0.400	60.2	59.8	4065	-9.1	99.5	65.5	365.9	382.0	365.7	371.3	95.5	0.995	96.0	100.5	1989	1	18	15	8	472
473	243.0	0.400	60.2	59.9	4055	-8.5	99.6	65.6	373.3	389.7	373.9	378.9	95.5	0.995	96.0	100.5	1989	1	18	15	11	473
474	241.8	0.398	60.2	59.9	4040	-8.1	98.9	65.6	378.6	395.3	378.9	383.3	95.5	0.995	96.0	100.5	1989	1	18	15	13	474
475	241.9	0.398	60.2	59.9	4035	-7.6	99.2	65.8	386.9	401.4	387.1	391.1	95.5	0.995	96.0	100.5	1989	1	18	15	17	475
476	242.5	0.399	60.4	60.1	4033	-6.9	99.7	66.0	391.4	406.4	390.2	394.2	95.5	0.995	96.0	100.5	1989	1	18	15	20	476
477	245.3	0.404	61.0	60.5	4053	-6.3	98.8	66.0	396.7	409.9	397.0	400.0	95.5	0.995	96.0	100.5	1989	1	18	15	25	477
478	244.2	0.402	60.8	60.4	4042	-5.9	99.0	66.0	396.5	410.7	396.7	402.5	95.5	0.995	96.0	100.5	1989	1	18	15	29	478
479	244.3	0.402	60.9	60.5	4038	-5.1	98.9	66.3	400.8	412.0	400.7	404.0	95.5	0.995	96.0	100.5	1989	1	18	15	35	479
480	244.5	0.403	60.9	60.6	4037	-4.6	98.7	66.4	401.6	412.5	401.1	404.6	95.5	0.995	96.0	100.5	1989	1	18	15	38	480
481	245.6	0.404	61.1	60.7	4044	-4.1	99.3	66.4	402.1	412.4	401.8	405.3	95.5	0.995	96.0	100.5	1989	1	18	15	43	481
482	245.9	0.405	61.1	60.8	4042	-3.6	99.3	66.3	401.6	412.4	403.0	406.4	95.5	0.995	96.0	100.5	1989	1	18	15	52	482
483	245.6	0.404	61.1	60.7	4050	-5.1	99.2	66.0	402.1	413.1	402.0	405.7	95.5	0.995	96.0	100.5	1989	1	18	15	54	483
484	246.9	0.406	61.1	60.8	4061	-5.6	99.0	65.8	399.8	411.4	399.7	404.4	95.5	0.995	96.0	100.5	1989	1	18	16	1	484
485	242.6	0.399	60.5	60.3	4026	-5.5	99.2	66.2	396.3	410.3	397.8	401.7	95.5	0.995	96.0	100.5	1989	1	18	16	4	485
486	246.3	0.406	60.9	60.6	4064	-6.9	99.1	65.7	393.8	406.0	392.9	397.8	95.5	0.995	96.0	100.5	1989	1	18	16	7	486
487	245.1	0.404	60.8	60.4	4056	-6.9	99.3	65.6	394.0	407.0	393.3	397.4	95.5	0.995	96.0	100.5	1989	1	18	16	9	487
488	244.6	0.403	60.8	60.4	4050	-6.4	99.2	65.6	394.0	406.7	392.7	397.6	95.5	0.995	96.0	100.5	1989	1	18	16	12	488
489	242.2	0.399	59.6	59.2	4089	-11.0	101.7	63.4	330.1	343.9	331.3	336.7	95.5	0.995	96.0	100.5	1989	1	19	12	48	489
490	243.0	0.400	59.8	59.5	4086	-10.5	101.4	64.0	337.0	353.7	338.3	343.3	95.5	0.995	96.0	100.5	1989	1	19	12	52	490
491	2.3	0.004	5.5	5.5	417	0.0	0.0	63.3	125.3	124.6	125.1	125.7	95.5	0.995	96.0	100.5	1989	1	19	13	4	491
492	2.3	0.004	5.4	5.5	414	0.0	0.0	63.5	126.0	126.0	126.0	126.4	95.5	0.995	96.0	100.5	1989	1	19	13	6	492
493	2.2	0.004	5.4	5.4	408	0.0	0.0	63.9	126.8	126.0	126.6	125.6	95.5	0.995	96.0	100.5	1989	1	19	13	10	493
494	2.2	0.004	5.4	5.4	406	0.0	0.0	64.3	125.9	126.0	126.1	125.4	95.5	0.995	96.0	100.5	1989	1	19	13	13	494
495	2.1	0.004	5.3	5.3	403	0.0	0.0	64.8	125.3	125.0	124.9	124.8	95.5	0.995	96.0	100.5	1989	1	19	13	15	495
496	2.1	0.003	5.3	5.3	395	0.0	0.0	65.0	125.2	125.1	124.8	124.4	95.5	0.995	96.0	100.5	1989	1	19	13	16	496
497	2.1	0.003	5.2	5.3	396	0.0	0.0	65.2	126.2	125.2	124.4	124.3	95.5	0.995	96.0	100.5	1989	1	19	13	18	497
498	2.1	0.003	5.2	5.2	391	0.0	0.0	65.7	125.4	125.4	124.7	124.0	95.5	0.995	96.0	100.5	1989	1	19	13	20	498
499	2.0	0.003	5.2	5.2	387	0.0	0.0	65.6	125.5	125.4	125.2	124.6	95.5	0.995	96.0	100.5	1989	1	19	13	23	499
500	1.9	0.003	5.1	5.1	379	0.0	0.0	66.1	126.0	125.7	125.5	125.0	95.5	0.995	96.0	100.5	1989	1	19	13	25	500
501	1.9	0.003	5.1	5.1	380	0.0	0.0	66.0	126.3	126.5	125.9	125.4	95.5	0.995	96.0	100.5	1989	1	19	13	27	501

SRL Single Tube Flow Instability Test # 3.0

Stainless Steel ID = 0.995"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FBH1	FMO1	OTI1	TRTO1	TJT12	PPO1											
TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRT11	TJT11	TRTO2												
502	3.0	32.0	31.4	34.6	34.8	35.7	0.29	0.34	0.3	11.22	11.24	263.7	0.0	10.3	11.4	10.9	121.9	123.0	121.2	119.9	123.3	88.4
503	3.0	32.0	31.4	34.7	34.8	35.8	0.25	0.3	0.25	10.03	10.21	262.0	0.0	8.7	10.2	10.0	120.2	121.0	119.6	117.3	121.5	89.2
504	3.0	31.8	31.1	34.6	34.7	35.6	0.16	0.2	0.15	7.21	7.677	262.7	0.0	5.8	7.8	7.7	121.1	122.5	120.2	118.5	122.5	90.0
505	3.0	31.8	31.2	34.7	34.7	35.7	0.11	0.15	0.11	5.154	6.002	264.2	0.0	0.5	6.1	6.2	121.5	123.6	119.9	121.8	124.0	90.6
506	3.0	35.3	37.9	34.8	34.9	36.3	2.99	3.62	3	47.89	47.92	251.5	0.0	48.4	4.9	45.1	121.2	174.5	120.2	119.9	175.0	81.2
507	3.0	34.6	36.5	34.7	34.9	36.0	2.45	2.95	2.45	42.71	42.7	254.0	0.0	43.3	4.4	40.5	121.8	181.6	120.2	120.1	182.0	82.9
508	3.0	34.5	36.0	35.0	35.0	36.2	2.17	2.62	2.18	39.7	39.5	253.8	0.0	40.2	4.1	37.4	121.7	186.5	120.8	121.1	186.9	83.7
509	3.0	33.9	35.0	34.6	34.7	35.8	1.95	2.34	1.94	36.52	36.55	255.4	0.0	37.6	3.7	34.9	120.8	190.5	119.7	119.4	190.5	84.3
510	3.0	33.6	34.4	34.7	34.8	35.9	1.58	1.86	1.58	31.02	30.83	257.7	0.0	31.6	0.0	29.3	120.7	202.0	119.7	119.1	202.3	86.0
511	3.0	33.5	33.7	34.7	34.9	35.9	1.5	1.75	1.49	28.45	28.25	257.7	0.1	29.3	0.0	27.1	121.8	212.0	120.7	119.6	212.0	86.9
512	3.0	33.4	33.9	34.6	34.8	35.9	1.52	1.71	1.46	27.42	27.22	257.5	0.0	28.4	0.0	26.0	121.7	215.0	120.2	120.5	215.0	87.3
513	3.0	33.3	33.3	34.7	34.8	35.7	1.46	1.71	1.46	27.66	27.27	257.6	0.0	28.0	0.0	26.0	120.2	213.5	120.0	118.9	214.0	87.3
514	3.0	33.2	33.4	34.7	34.8	35.7	1.48	1.63	1.42	26.67	26.33	257.3	0.0	27.8	0.0	25.2	120.0	215.5	118.3	119.3	216.0	87.1
515	3.0	33.3	34.1	35.0	34.9	36.0	1.42	1.62	1.41	26.69	26.41	256.9	0.0	27.3	0.0	25.3	120.8	216.1	120.4	119.1	216.5	87.5
516	3.0	33.4	33.7	34.9	34.8	35.9	1.47	1.62	1.44	26.05	25.9	256.5	0.0	27.7	0.0	24.9	121.7	218.4	121.2	120.3	218.5	87.3
517	3.0	33.3	33.5	34.8	34.9	35.9	1.54	1.79	1.54	25.65	25.3	256.7	0.0	26.7	0.0	24.4	122.0	221.0	121.1	121.2	221.5	87.4
518	3.0	33.4	33.7	34.9	34.8	35.9	1.59	1.68	1.57	25.46	24.88	257.7	0.0	26.8	0.0	24.0	121.2	221.5	120.2	120.2	221.6	87.7
519	3.0	33.3	33.2	34.5	34.8	35.7	1.6	1.79	1.7	24.41	24.29	259.2	0.0	26.0	0.0	23.3	121.2	224.0	120.3	119.8	224.4	87.2
520	3.0	33.9	33.8	34.8	34.9	36.0	1.68	2.01	1.7	32.09	31.97	257.3	0.0	32.6	0.0	30.6	121.8	200.7	121.1	121.2	201.0	85.7
521	3.0	34.1	35.1	35.1	35.0	36.2	1.8	2.15	1.83	33.83	33.83	256.9	0.0	34.5	0.0	32.2	121.1	196.0	119.8	119.8	196.2	85.2
522	3.0	34.9	37.1	34.8	34.9	36.1	2.7	3.24	2.7	44.65	44.91	253.8	0.0	45.3	0.0	42.4	120.8	177.5	119.9	119.9	177.5	81.4
523	3.0	35.1	37.7	34.6	34.9	36.3	2.86	3.46	2.86	47.24	47.39	251.0	0.0	47.7	1.2	44.7	76.7	148.6	75.6	76.4	148.8	81.5
524	3.0	34.7	36.8	34.6	34.8	36.2	2.53	3.04	2.56	44.51	44.06	253.3	0.0	44.9	0.1	41.5	77.2	154.5	76.5	76.5	154.5	82.3
525	3.0	34.5	36.3	34.6	34.9	36.2	2.37	2.84	2.35	41.95	41.78	250.4	0.0	42.5	0.0	39.5	77.0	158.5	76.7	76.4	158.5	83.8
526	3.0	34.3	35.9	34.7	34.8	36.2	2.16	2.55	2.16	38.76	38.69	253.3	0.0	39.2	0.0	36.7	76.7	164.5	75.7	77.0	164.6	84.1
527	3.0	34.1	35.2	34.6	34.8	36.2	1.99	2.34	1.99	36.38	35.93	255.4	0.0	36.6	0.0	34.1	77.1	171.2	76.9	76.3	171.5	85.4
528	3.0	33.7	34.8	34.7	34.8	36.0	1.81	2.12	1.83	33.76	33.49	254.8	0.0	34.1	0.0	32.0	77.0	177.7	75.9	76.6	177.9	86.4
529	3.0	33.8	34.5	34.8	34.9	36.1	1.69	1.97	1.69	31.65	30.95	255.9	0.0	32.3	0.0	29.5	76.6	185.0	76.4	75.5	185.0	87.5
530	3.0	33.8	34.4	34.9	34.9	36.1	1.67	1.9	1.66	30.46	29.87	256.3	0.0	31.0	0.0	28.5	76.3	189.1	75.3	75.6	189.4	87.2
531	3.0	34.0	34.3	35.1	35.0	36.2	1.57	1.8	1.6	28.99	28.69	255.7	0.0	29.9	0.0	27.4	76.3	192.5	76.7	75.5	192.9	87.6
532	3.0	34.0	33.6	34.8	34.9	36.0	1.61	1.8	1.6	29.01	28.63	256.7	0.0	29.5	0.0	27.4	76.2	192.5	75.8	75.8	192.5	87.2
533	3.0	33.5	33.4	34.6	34.9	35.8	1.58	1.77	1.59	28.01	27.72	256.6	0.0	28.8	0.0	26.5	76.3	196.9	76.8	75.5	197.0	86.8
534	3.0	33.5	34.0	34.6	34.9	35.9	1.57	1.9	1.58	27.03	26.58	256.6	0.0	28.2	0.0	25.7	76.8	203.5	76.1	75.8	203.7	87.3
535	3.0	33.0	34.3	34.6	34.9	35.9	1.65	1.93	1.63	25.79	25.39	256.7	0.0	27.1	0.0	24.3	76.9	209.0	76.8	76.0	209.5	87.7
536	3.0	33.3	34.0	34.6	34.7	35.9	1.74	1.75	1.66	25.48	25.1	256.5	0.0	26.7	0.0	23.9	76.7	208.5	76.0	76.8	209.0	87.9
537	3.0	34.2	35.6	34.8	34.9	36.1	2.08	2.49	2.08	37.82	37.73	254.8	0.0	38.4	0.0	35.8	77.5	167.5	76.4	76.1	167.5	84.8
538	3.0	34.4	36.0	34.8	34.9	36.1	2.28	2.71	2.27	40.41	40.28	253.8	0.0	40.8	0.0	38.2	77.7	161.6	76.7	76.8	161.6	83.7
539	3.0	35.3	37.8	34.8	34.9	36.2	3.03	3.63	3.02	47.5	47.33	251.4	0.0	48.5	1.7	44.4	76.4	166.0	76.7	75.1	166.0	81.4
540	3.0	34.9	36.8	34.6	34.8	35.9	2.86	3.38	2.84	44.42	44.45	252.5	0.0	45.4	0.0	41.9	76.7	172.9	75.1	76.0	173.0	82.0
541	3.0	34.9	36.9	34.9	34.9	36.0	2.68	3.16	2.67	42.11	41.94	251.9	0.0	43.0	0.0	39.6	76.6	177.8	76.1	75.8	178.0	83.6
542	3.0	34.3	35.8	34.6	34.8	36.0	2.54	2.87	2.51	39.62	38.8	254.6	0.0	39.9	0.0	36.9	76.2	184.5	75.5	76.2	184.5	83.9
543	3.0	34.3	35.6	34.7	34.9	35.9	2.4	2.72	2.41	37.28	36.94	255.4	0.0	38.1	0.0	35.2	76.1	190.0	76.1	76.5	190.1	84.8
544	3.0	34.1	35.6	34.9	34.9	36.0	2.32	2.62	2.29	35.48	35.03	255.1	0.0	36.1	0.0	33.4	76.5	195.9	76.1	74.1	196.0	85.4
545	3.0	34.3	35.5	35.1	35.0	36.1	2.25	2.55	2.27	35.94	34.39	253.7	0.0	35.6	0.0	32.8	76.5	198.9	76.1	76.2	199.0	85.7
546	3.0	34.6	35.4	34.9	35.0	36.0	2.3	2.61	2.28	35.75	34.29	255.5	0.0	35.6	0.0	32.7	76.6	198.5	76.2	75.3	198.5	85.6
547	3.0	34.1	34.7	34.9	34.9	35.9	2.29	2.54	2.28	34.28	33.45	255.6	0.0	34.9	0.0	31.7	76.5	201.9	76.1	76.3	202.0	85.9
548	3.0	34.2	35.2	34.9	34.9	36.0	2.37	2.65	2.38	33.61	32.91	255.0	0.0	34.1	0.0	31.5	76.4	204.5	76.8	76.4	205.0	86.3
549	3.0	34.6	35.5	35.0	34.9	36.1	2.55	2.81	2.5	33.47	31.93	256.2	0.0	33.3	0.0	30.4	76.4	207.2	76.1	76.2	207.5	86.1
550	3.0	33.9	35.0	34.8	34.9	36.0	2.51	2.59	2.47	33.12	32.28	256.3	0.0	33.8	0.0	30.7	76.1	206.5	77.5	75.5	206.5	85.9
551	3.0	34.2	35.0	34.9	34.9	35.9	2.32	2.58	2.37	33.81	33.02	255.7	0.0	34.1	0.0	31.3	76.3	204.0	75.8	75.3	204.4	86.3

SRL Single Tube Flow Instability Test # 3.0
Stainless Steel ID = 0.995"

1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	TEW95W	TEW84N	TEW72W	TEW60N	TEW48W	TEW36N	TEW24W	TEW12N	TEW01W										
PPI1	TEW95E	TEW84S	TEW72E	TEW60S	TEW48E	TEW36S	TEW24E	TEW12S	TEW01E										
502	22.7	123.7	123.8	124.1	124.3	124.7	124.5	124.2	125.5	124.2	124.9	124.7	124.8	125.2	125.0	124.6	124.3	124.3	125.0
503	23.4	121.5	122.0	122.1	122.3	122.7	122.5	122.0	123.2	122.2	122.5	122.7	122.6	123.0	122.5	122.7	121.0	120.6	122.2
504	24.2	123.0	123.1	123.3	123.8	124.3	123.7	123.2	124.8	123.7	124.0	124.2	124.2	124.6	124.0	124.4	123.6	122.6	123.2
505	24.9	125.4	125.8	126.2	126.4	126.3	126.9	126.7	127.5	127.0	127.5	127.1	127.5	128.0	128.0	127.7	126.2	124.8	126.8
506	18.7	380.3	382.4	383.1	406.6	404.8	405.0	394.3	422.1	409.9	417.4	410.0	430.1	421.2	429.8	421.8	431.9	403.4	407.9
507	19.9	389.9	392.4	393.4	416.6	417.4	416.0	406.1	434.0	422.4	429.0	442.0	442.3	434.1	442.0	433.9	443.7	417.0	424.3
508	20.8	395.4	398.2	400.1	423.4	423.9	423.7	412.7	441.5	430.0	436.9	430.1	449.5	441.4	448.3	440.5	449.3	422.6	431.8
509	21.2	399.7	401.4	404.3	428.5	430.0	427.5	417.7	445.5	434.8	440.9	434.3	453.4	446.4	452.1	445.0	453.0	427.5	434.8
510	22.4	412.9	414.9	418.7	443.6	441.5	441.9	430.5	455.8	444.0	451.2	443.7	461.4	453.3	459.8	452.8	461.3	435.3	441.2
511	22.9	424.8	426.6	429.6	453.0	449.9	448.2	435.9	462.1	450.8	457.3	450.3	468.4	457.5	463.8	454.9	462.3	437.4	442.4
512	22.5	431.4	434.7	432.6	453.6	448.5	448.8	437.3	463.1	452.4	458.2	450.5	468.7	457.3	463.9	454.5	462.4	437.5	444.3
513	22.5	430.3	433.9	431.8	453.2	449.1	448.6	437.1	463.3	451.3	458.5	450.1	468.7	456.8	463.8	454.4	463.0	438.1	444.3
514	22.2	428.2	430.8	432.0	452.6	448.8	449.1	437.0	463.7	452.0	458.6	450.6	468.7	457.4	463.8	453.7	463.0	438.1	446.1
515	22.3	428.6	432.1	430.8	451.7	448.1	447.9	436.1	462.6	450.4	457.2	449.3	467.4	455.4	462.6	453.7	462.0	438.0	444.2
516	22.4	430.4	433.7	430.7	451.8	447.2	447.7	435.9	462.2	450.6	457.2	448.7	466.8	455.2	461.5	452.8	461.4	437.2	443.6
517	22.4	430.9	436.2	431.5	452.4	449.0	448.9	437.1	463.1	451.7	458.3	449.1	467.5	455.8	461.7	452.7	462.2	437.7	443.2
518	22.5	429.8	433.7	431.0	451.5	447.4	448.8	436.4	461.9	450.7	457.5	448.8	466.6	454.4	461.1	452.4	461.2	436.9	442.7
519	22.3	431.6	437.8	430.7	453.7	450.2	450.1	436.6	464.0	451.6	457.8	449.3	467.5	455.0	461.1	451.9	459.5	436.0	442.9
520	21.5	417.2	420.8	420.1	442.9	436.9	439.7	428.5	453.8	442.4	449.5	440.5	460.0	449.9	457.2	449.4	458.1	434.7	441.4
521	21.5	408.9	411.1	414.3	437.6	433.8	434.7	423.8	450.1	439.0	446.1	438.2	457.1	447.9	455.6	447.2	457.7	433.9	442.3
522	18.7	383.9	386.4	388.2	410.7	409.2	410.2	400.5	426.7	415.3	422.4	414.5	435.2	426.3	434.7	426.8	437.4	415.8	428.0
523	18.0	443.0	445.9	439.5	468.8	464.9	464.8	451.3	483.6	469.1	476.8	466.7	491.4	478.7	488.8	477.4	490.8	461.4	473.7
524	18.9	450.6	453.6	447.9	474.3	470.6	471.5	457.5	490.7	475.0	483.8	473.4	498.4	484.9	494.3	483.7	496.6	466.3	477.8
525	19.5	453.7	457.0	451.0	479.1	474.7	475.4	460.1	492.8	478.4	486.7	476.1	501.0	487.0	496.8	485.9	499.1	469.2	480.2
526	20.3	461.2	464.9	457.3	486.2	481.7	480.8	464.4	499.4	483.9	491.2	481.5	506.3	492.4	500.9	490.2	502.2	472.8	482.6
527	21.0	468.5	472.3	465.0	491.6	485.8	486.4	470.6	504.1	488.5	497.3	486.5	510.6	498.0	506.5	495.1	507.7	478.2	488.1
528	21.5	471.4	477.0	468.7	494.9	489.8	489.5	473.4	506.3	491.9	499.8	489.3	513.6	500.2	509.3	497.8	508.9	480.5	489.8
529	21.8	477.0	481.6	472.8	499.8	492.4	493.6	477.7	511.1	495.9	503.3	493.4	518.0	503.0	512.3	500.4	512.5	482.7	493.0
530	22.2	481.1	485.6	476.6	501.9	495.5	495.5	480.4	513.7	498.7	506.9	496.6	520.0	505.8	514.6	502.4	514.2	484.6	493.9
531	22.3	480.3	485.8	476.2	502.0	495.1	496.3	481.5	513.3	498.3	507.0	496.1	519.4	505.8	513.8	502.1	515.1	486.0	493.5
532	22.1	479.2	485.1	474.3	500.5	495.1	495.6	479.4	512.1	497.6	505.8	494.8	518.8	504.4	512.9	501.5	513.0	484.7	493.1
533	22.2	483.4	489.5	478.4	504.9	497.4	499.2	482.8	516.0	501.7	510.0	498.6	521.8	507.0	515.3	502.7	512.5	484.7	494.4
534	22.3	486.3	493.1	480.4	508.0	501.9	502.3	486.4	517.5	503.8	511.9	500.7	524.3	509.2	516.6	505.0	516.4	487.7	494.5
535	22.6	485.6	493.2	480.1	507.5	501.5	502.6	486.3	518.5	503.5	511.4	500.1	523.5	507.7	515.9	503.0	513.2	484.8	494.8
536	22.4	485.2	491.0	479.4	505.9	499.2	501.4	485.8	516.1	501.7	510.2	498.3	520.7	505.9	514.2	500.9	511.3	483.2	492.9
537	20.6	466.4	468.2	462.5	489.1	482.3	484.4	469.7	501.8	487.1	495.6	483.9	509.0	495.3	505.0	493.9	506.8	479.8	490.6
538	20.1	459.3	462.2	456.0	484.3	478.3	480.5	465.2	498.1	483.2	491.0	480.0	504.8	491.9	501.3	490.6	503.0	474.4	488.5
539	18.7	521.1	524.2	510.3	541.7	535.3	533.8	514.0	552.9	534.0	543.7	531.6	559.6	543.8	552.8	538.6	553.3	500.9	496.4
540	19.3	524.4	528.9	513.7	544.3	539.3	534.6	515.4	555.0	536.6	545.5	534.2	562.5	546.1	554.3	541.7	554.4	509.2	508.2
541	20.0	527.3	534.8	517.8	549.1	541.8	541.2	520.9	560.6	540.6	550.5	538.8	567.2	550.6	559.2	545.8	559.2	515.0	515.3
542	20.4	529.9	536.5	521.0	551.3	543.5	543.7	523.7	560.9	543.9	552.4	541.1	568.6	551.3	561.5	547.4	559.8	517.7	520.2
543	20.9	532.6	538.8	523.0	554.4	547.3	546.8	527.9	565.3	547.1	557.4	544.4	571.5	554.1	564.0	549.8	563.9	526.0	530.7
544	21.4	534.6	538.0	525.4	555.4	547.3	548.2	530.3	566.0	548.9	558.7	545.0	572.0	554.9	564.1	549.1	562.3	524.6	531.0
545	22.0	534.7	540.4	525.2	556.8	548.2	549.3	529.9	566.4	548.8	558.4	545.3	572.2	554.7	563.5	547.4	560.9	524.2	532.9
546	21.7	535.8	542.5	526.5	558.3	548.8	551.5	532.3	568.4	550.3	560.4	547.3	574.1	556.3	565.3	550.2	563.8	527.7	535.4
547	21.5	534.9	542.5	526.0	558.5	551.2	550.4	531.2	569.0	550.0	559.2	546.5	573.6	555.5	564.9	550.7	563.3	529.3	536.4
548	21.8	536.3	543.5	526.8	558.7	552.2	551.8	531.8	569.4	550.7	559.9	547.1	574.7	556.8	565.1	549.7	562.3	527.7	537.1
549	21.9	539.2	545.8	530.6	561.0	553.1	554.4	535.2	571.3	553.5	562.9	549.2	576.1	558.0	566.1	552.2	565.6	530.2	538.7
550	21.7	540.1	547.4	530.7	562.4	553.5	554.6	535.7	571.1	553.8	562.7	549.1	576.2	558.3	567.1	551.0	562.1	528.8	537.8
551	21.3	539.5	546.0	530.7	561.7	553.2	555.1	535.5	571.9	553.8	564.1	549.2	576.4	558.1	568.5	551.3	563.5	529.7	538.2

SRL Single Tube Flow Instability Test # 3.0

Stainless Steel ID = 0.995"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW		VOLTB		CURRT		HRATIO		TKW12W		TKW01N		VL		HL		YEAR		DAY		MIN	
	HFLX		VOLTT		QUALITY		DPP1		TKW12E		TKW01S		ID		DPL		MONTH		HRS		RUN	
502	1.9	0.003	5.0	5.1	378	0.0	0.0	86.1	127.1	126.9	126.6	125.7	95.5	0.995	96.0	100.5	1989	1	19	13	28	502
503	1.7	0.003	4.8	4.8	361	0.0	0.0	86.3	124.4	124.9	124.1	123.3	95.5	0.995	96.0	100.5	1989	1	19	13	38	503
504	1.8	0.003	4.8	4.9	363	0.0	0.0	86.5	126.1	126.7	125.9	125.1	95.5	0.995	96.0	100.5	1989	1	19	13	40	504
505	1.6	0.003	4.6	4.7	350	0.0	0.0	86.5	130.4	129.6	129.4	129.1	95.5	0.995	96.0	100.5	1989	1	19	13	54	505
506	364.1	0.599	74.3	74.0	4922	-9.1	101.2	82.8	422.5	441.6	423.4	429.9	95.5	0.995	96.0	100.5	1989	1	19	14	14	506
507	365.3	0.601	74.7	74.3	4918	-8.3	100.8	83.3	433.7	453.4	436.1	442.8	95.5	0.995	96.0	100.5	1989	1	19	14	26	507
508	366.0	0.603	75.0	74.5	4913	-7.9	100.8	83.7	439.6	460.5	441.8	448.2	95.5	0.995	96.0	100.5	1989	1	19	14	36	508
509	364.8	0.601	74.9	74.5	4900	-7.4	100.8	83.8	443.7	464.2	444.3	451.5	95.5	0.995	96.0	100.5	1989	1	19	14	38	509
510	363.6	0.599	74.9	74.5	4884	-6.1	99.8	84.2	451.2	467.6	453.1	457.8	95.5	0.995	96.0	100.5	1989	1	19	14	42	510
511	370.0	0.609	75.6	75.2	4918	-5.0	99.5	84.6	454.2	469.6	455.0	460.0	95.5	0.995	96.0	100.5	1989	1	19	14	45	511
512	369.2	0.608	75.6	75.2	4909	-4.6	99.4	85.2	453.1	468.1	455.0	460.6	95.5	0.995	96.0	100.5	1989	1	19	14	50	512
513	369.3	0.608	75.6	75.2	4913	-4.8	99.7	85.1	453.1	468.2	455.4	460.0	95.5	0.995	96.0	100.5	1989	1	19	14	52	513
514	365.8	0.602	75.2	74.8	4892	-4.6	99.3	85.4	454.1	468.6	455.6	459.8	95.5	0.995	96.0	100.5	1989	1	19	14	55	514
515	366.0	0.603	75.2	74.8	4890	-4.6	99.4	85.5	452.9	467.7	454.7	459.6	95.5	0.995	96.0	100.5	1989	1	19	14	57	515
516	363.2	0.598	75.0	74.5	4873	-4.3	99.6	85.6	452.3	465.7	453.7	458.3	95.5	0.995	96.0	100.5	1989	1	19	14	59	516
517	364.4	0.600	75.0	74.6	4885	-4.0	99.4	85.6	451.4	466.2	453.0	458.1	95.5	0.995	96.0	100.5	1989	1	19	15	2	517
518	362.9	0.597	74.8	74.5	4873	-4.0	99.5	85.4	450.7	465.3	452.4	458.6	95.5	0.995	96.0	100.5	1989	1	19	15	5	518
519	364.4	0.600	75.1	74.6	4884	-3.6	99.0	85.4	450.6	464.8	453.5	457.9	95.5	0.995	96.0	100.5	1989	1	19	15	7	519
520	365.5	0.602	75.1	74.6	4899	-6.2	99.6	84.8	449.7	463.8	451.0	455.7	95.5	0.995	96.0	100.5	1989	1	19	15	9	520
521	365.4	0.602	75.0	74.5	4902	-6.8	100.1	84.6	448.5	464.7	448.8	455.2	95.5	0.995	96.0	100.5	1989	1	19	15	13	521
522	363.5	0.599	74.3	74.0	4916	-8.8	101.1	83.4	427.9	444.0	429.8	437.0	95.5	0.995	96.0	100.5	1989	1	19	15	17	522
523	487.4	0.803	86.8	86.4	5640	-11.9	101.7	83.9	477.1	500.3	479.4	488.2	95.5	0.995	96.0	100.5	1989	1	19	15	34	523
524	488.6	0.804	87.1	86.6	5641	-11.3	101.4	84.1	480.9	505.1	484.5	492.9	95.5	0.995	96.0	100.5	1989	1	19	15	37	524
525	487.7	0.803	87.1	86.6	5633	-10.8	101.5	84.5	483.7	506.5	485.9	495.8	95.5	0.995	96.0	100.5	1989	1	19	15	40	525
526	490.4	0.807	87.5	86.9	5642	-10.2	100.6	84.5	487.8	512.2	490.1	498.9	95.5	0.995	96.0	100.5	1989	1	19	15	43	526
527	488.6	0.804	87.4	86.9	5620	-9.4	100.7	84.8	494.4	516.0	497.5	504.7	95.5	0.995	96.0	100.5	1989	1	19	15	45	527
528	488.3	0.804	87.3	86.9	5616	-8.7	100.4	84.9	497.9	517.7	496.1	506.6	95.5	0.995	96.0	100.5	1989	1	19	15	47	528
529	487.6	0.803	87.4	87.0	5606	-8.0	100.1	85.4	499.1	519.3	502.3	509.2	95.5	0.995	96.0	100.5	1989	1	19	15	50	529
530	490.5	0.807	87.7	87.2	5623	-7.5	99.8	85.6	501.3	520.3	502.8	510.5	95.5	0.995	96.0	100.5	1989	1	19	15	52	530
531	485.0	0.799	87.3	86.7	5592	-7.2	99.9	85.6	500.5	519.3	503.8	510.9	95.5	0.995	96.0	100.5	1989	1	19	15	54	531
532	484.0	0.797	87.1	86.7	5585	-7.1	100.1	85.6	499.6	519.0	501.7	506.0	95.5	0.995	96.0	100.5	1989	1	19	15	56	532
533	488.2	0.804	87.6	87.0	5609	-6.6	99.5	85.5	500.7	520.6	503.2	510.3	95.5	0.995	96.0	100.5	1989	1	19	15	59	533
534	491.7	0.810	87.8	87.4	5624	-5.9	99.8	85.4	500.9	520.6	505.6	511.6	95.5	0.995	96.0	100.5	1989	1	19	16	3	534
535	489.0	0.805	87.7	87.1	5612	-5.3	99.7	85.8	501.3	520.4	504.9	511.3	95.5	0.995	96.0	100.5	1989	1	19	16	5	535
536	485.3	0.799	87.3	86.9	5587	-5.3	99.3	85.8	499.2	516.4	502.7	509.1	95.5	0.995	96.0	100.5	1989	1	19	16	8	536
537	486.8	0.801	87.2	86.7	5616	-9.9	101.3	84.7	493.6	514.5	495.9	504.3	95.5	0.995	96.0	100.5	1989	1	19	16	11	537
538	487.6	0.803	87.1	86.7	5627	-10.5	100.7	84.3	489.3	510.5	491.8	500.6	95.5	0.995	96.0	100.5	1989	1	19	16	15	538
539	608.5	1.002	98.2	97.7	6229	-10.1	101.3	83.1	536.4	563.6	538.1	547.1	95.5	0.995	96.0	100.5	1989	1	19	17	21	539
540	611.4	1.007	98.7	98.0	6241	-9.3	101.6	83.4	538.4	566.7	541.1	549.4	95.5	0.995	96.0	100.5	1989	1	19	17	24	540
541	609.5	1.003	98.3	97.9	6224	-8.9	101.5	84.0	542.8	567.8	545.6	552.9	95.5	0.995	96.0	100.5	1989	1	19	17	26	541
542	607.6	1.000	98.3	97.8	6211	-8.0	100.6	84.1	543.9	567.6	546.6	554.6	95.5	0.995	96.0	100.5	1989	1	19	17	28	542
543	607.9	1.001	98.4	97.8	6213	-7.5	100.7	84.4	546.5	569.3	551.2	557.8	95.5	0.995	96.0	100.5	1989	1	19	17	35	543
544	605.8	0.997	98.3	97.6	6204	-6.8	100.4	84.5	545.9	569.2	549.4	557.9	95.5	0.995	96.0	100.5	1989	1	19	17	37	544
545	608.2	1.001	98.5	97.9	6212	-6.6	100.7	84.7	546.4	568.6	549.3	557.0	95.5	0.995	96.0	100.5	1989	1	19	17	40	545
546	608.1	1.001	98.5	98.0	6207	-6.5	100.0	84.7	546.0	569.7	551.5	559.8	95.5	0.995	96.0	100.5	1989	1	19	17	42	546
547	608.4	1.002	98.5	98.0	6209	-6.2	100.5	84.8	544.4	567.9	551.5	558.1	95.5	0.995	96.0	100.5	1989	1	19	17	46	547
548	613.4	1.010	99.0	98.4	6232	-5.9	100.1	84.9	545.5	567.5	550.0	557.8	95.5	0.995	96.0	100.5	1989	1	19	17	51	548
549	608.3	1.001	98.6	97.9	6215	-5.6	99.8	85.2	547.0	566.6	552.2	560.9	95.5	0.995	96.0	100.5	1989	1	19	17	54	549
550	611.1	1.006	98.7	98.2	6225	-5.7	100.2	84.9	545.1	566.7	552.7	559.6	95.5	0.995	96.0	100.5	1989	1	19	17	57	550
551	612.0	1.006	98.9	98.3	6229	-6.0	100.2	85.2	544.8	568.4	551.8	559.6	95.5	0.995	96.0	100.5	1989	1	19	17	59	551

SRL Single Tube Flow Instability Test # 3.0

Stainless Steel ID = 0.995"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUN	PTI1		PTO1		PTO3		DPT2		FTI1		FBI1		FMO1		OTI1		TRTO1		TJT12		PPO1	
	TEST	PTI2	PTO2			DPT1	DPT3			FTI2	FXO2	FMO2			TRTI1		TJT11			TRTO2		
552	3.0	34.2	35.0	34.8	34.8	35.9	2.24	2.45	2.26	34.28	33.57	256.3	0.0	34.7	0.0	31.7	76.4	200.5	75.8	75.7	201.0	85.7
553	3.0	34.2	35.9	34.8	34.9	36.2	2.36	2.67	2.34	37.55	36.14	254.5	0.0	37.3	0.0	34.5	76.6	192.4	77.0	74.8	192.5	84.9
554	3.0	34.9	36.5	34.8	35.0	36.2	2.63	3.03	2.61	41.35	40.77	253.4	0.0	41.7	0.0	38.5	77.2	181.0	76.6	77.2	181.0	84.0
555	3.0	35.6	38.1	34.9	35.0	36.3	3.15	3.8	3.11	47.51	47.77	253.0	0.0	49.1	0.0	44.9	121.3	193.0	120.5	121.0	193.0	81.0
556	3.0	35.4	37.5	34.8	34.9	36.3	2.93	3.51	2.91	45.42	45.51	252.4	0.0	46.4	0.0	42.8	120.8	196.0	120.4	119.8	196.0	81.8
557	3.0	34.8	36.8	34.7	34.9	36.0	2.81	3.32	2.78	43.74	43.54	254.6	0.0	44.5	0.0	41.1	120.5	198.5	120.1	119.0	198.9	82.0
558	3.0	35.0	36.4	34.8	34.9	36.0	2.7	3.18	2.68	41.76	41.99	253.4	0.0	43.1	0.0	39.5	120.4	202.2	119.0	119.1	202.5	82.6
559	3.0	34.8	36.2	34.9	34.9	36.1	2.56	3.02	2.55	40.73	40.39	253.4	0.0	41.4	0.0	38.2	120.4	204.5	119.4	119.2	204.6	83.1
560	3.0	34.8	36.1	35.0	34.9	36.2	2.51	2.95	2.5	39.11	39.1	254.6	0.0	40.5	0.0	37.1	120.9	207.8	119.6	119.1	208.0	84.0
561	3.0	34.5	35.8	34.7	34.8	35.7	2.47	2.82	2.44	37.98	37.7	255.4	0.0	38.9	0.0	35.7	120.7	210.8	120.2	119.6	211.0	83.9
562	3.0	34.4	35.7	34.7	34.8	36.0	2.41	2.8	2.37	36.85	36.43	255.5	0.0	37.7	0.0	34.5	120.2	213.0	119.7	119.1	213.0	84.8
563	3.0	34.8	35.7	34.9	34.9	36.2	2.35	2.71	2.38	35.79	35.76	254.3	0.0	36.9	0.0	34.0	120.2	215.0	119.1	119.4	215.0	85.3
564	3.0	34.3	36.0	34.9	34.9	36.1	2.41	2.78	2.45	36.24	35.76	255.6	0.0	37.0	0.0	33.9	121.6	216.5	120.5	120.5	216.5	84.8
565	3.0	34.5	35.6	34.7	34.8	36.0	2.46	2.78	2.43	35.45	35.49	255.1	0.0	37.0	0.0	33.6	120.4	216.2	119.2	119.4	216.5	84.8
566	3.0	34.7	35.5	34.9	34.9	36.1	2.44	2.78	2.43	35.14	35.14	256.1	0.0	36.5	0.0	33.4	120.3	216.5	120.0	119.0	216.5	84.8
567	3.0	34.7	35.4	34.8	34.9	36.0	2.47	2.82	2.5	34.58	34.53	255.9	0.0	35.8	0.0	32.8	120.2	218.5	119.2	119.3	218.5	84.9
568	3.0	34.7	35.4	34.7	34.7	36.0	2.64	2.89	2.63	34.08	34.08	256.4	0.0	35.3	0.0	32.4	120.4	219.6	119.4	120.0	220.0	85.5
569	3.0	34.6	35.3	34.7	34.8	36.3	2.58	2.73	2.54	34.33	34.06	255.9	0.0	35.2	0.0	32.3	120.4	219.7	120.3	119.4	220.0	85.4
570	3.0	34.7	35.7	34.9	34.9	36.1	2.48	2.79	2.52	34.8	34.73	255.6	0.0	35.9	0.0	33.0	120.8	218.5	119.2	119.4	218.5	85.5
571	3.0	34.5	35.8	35.0	34.9	36.3	2.46	2.71	2.5	35.59	35.34	255.5	0.0	36.6	0.0	33.5	121.3	217.0	120.4	120.7	217.2	84.9
572	3.0	34.6	35.4	34.8	34.9	36.1	2.39	2.74	2.41	36.23	36.21	255.0	0.1	37.4	0.0	34.4	120.7	214.1	119.4	119.9	214.4	84.7
573	3.0	34.9	36.4	34.9	34.9	36.3	2.6	3.02	2.59	40.36	40.24	253.7	0.0	41.3	0.0	38.2	121.2	206.0	121.4	120.2	206.4	83.4
574	3.0	34.8	36.3	34.7	34.8	36.0	2.63	3.1	2.62	41.38	41.17	252.8	0.0	42.6	0.0	39.0	120.8	203.6	119.9	119.6	203.9	83.2
575	3.0	35.8	38.3	34.8	34.9	36.4	3.54	4.17	3.54	47.86	47.84	250.6	0.0	49.8	0.0	45.1	120.4	209.6	120.1	119.0	210.0	81.3
576	3.0	36.0	38.2	35.0	34.9	36.6	3.57	4.19	3.56	46.76	46.88	250.8	0.0	48.2	0.0	44.0	121.8	213.5	121.2	120.9	213.8	81.5
577	3.0	36.0	38.1	34.8	34.9	36.4	3.5	4.13	3.45	46.5	46.06	251.9	0.2	47.7	0.0	43.3	120.9	212.5	119.6	120.1	212.9	81.8
578	3.0	36.0	37.8	34.7	34.8	36.3	3.54	4.09	3.54	47.03	46.09	253.2	0.1	47.5	0.0	43.3	121.5	213.8	119.9	121.0	214.0	81.3
579	3.0	35.9	38.0	34.7	34.9	36.6	3.6	4.13	3.56	46.69	45.21	253.4	0.1	47.2	0.0	42.5	120.9	215.0	120.2	119.5	215.0	82.0
580	3.0	35.9	38.2	34.8	34.9	36.6	3.67	4.31	3.61	46.46	45.19	253.1	0.0	47.6	0.0	42.5	121.6	216.0	121.8	121.3	216.5	82.0
581	3.0	36.0	37.8	34.7	34.8	36.5	3.7	4.31	3.66	44.69	44.66	252.7	0.0	46.9	0.0	42.0	121.0	216.5	120.8	119.6	216.8	81.6
582	3.0	36.0	37.8	34.8	34.9	36.8	3.76	4.22	3.68	45.33	44.5	251.5	0.1	46.7	0.0	41.9	120.6	216.4	120.7	119.8	216.5	82.5
583	3.0	35.5	37.5	34.8	34.8	36.7	3.75	4.26	3.75	44.02	43.39	252.5	0.0	45.1	0.0	40.8	120.4	217.7	120.3	119.9	218.0	82.8
584	3.0	35.7	37.9	34.7	34.9	36.8	3.85	4.29	3.88	46	42.68	253.3	0.1	44.2	0.0	40.2	121.0	220.0	120.4	119.9	220.5	82.8
585	3.0	35.8	37.6	34.7	34.8	36.9	3.99	4.39	4.02	42.55	41.91	254.7	0.0	43.6	0.0	39.9	121.4	222.0	120.7	121.5	222.5	83.0
586	3.0	36.5	38.8	34.9	34.9	36.7	3.62	4.19	3.56	48	47.61	251.7	0.0	49.8	0.0	44.9	121.2	211.0	120.1	119.4	211.5	81.1
587	3.0	35.4	37.3	34.7	34.8	36.2	3.56	4.09	3.5	45.62	45.96	252.4	0.0	47.5	0.0	43.0	120.5	212.6	119.7	119.9	213.0	81.5
588	3.0	35.5	37.8	34.7	34.7	36.1	3.59	4.15	3.54	46.92	45.85	252.5	0.0	48.0	0.0	43.3	121.1	214.5	120.5	119.8	214.5	81.0
589	3.0	35.4	37.4	34.8	34.7	36.3	3.73	4.3	3.84	45.38	43.93	253.3	0.0	45.6	0.0	41.5	121.6	218.5	122.3	119.9	218.8	81.7
590	3.0	35.3	37.8	34.6	34.7	36.0	3.58	4.21	3.55	47.52	47.81	250.9	0.0	47.3	5.0	45.0	120.9	121.0	120.0	119.7	121.0	80.3
591	3.0	65.2	67.9	64.6	64.5	66.0	3.57	4.15	3.55	47.46	47.76	251.8	0.0	47.2	4.9	44.7	121.3	121.5	120.2	119.8	121.5	110.2
592	3.0	64.8	66.8	65.0	64.7	66.3	2.9	3.35	2.88	41.93	42.19	254.3	0.0	41.7	4.3	39.8	121.6	121.9	120.9	120.3	122.0	112.7
593	3.0	63.3	64.4	64.4	64.4	65.6	2.03	2.32	2.02	34.29	34.29	256.2	0.0	34.0	3.4	32.6	120.3	120.4	119.2	119.1	120.5	114.1
594	3.0	62.5	62.7	64.7	64.5	65.7	1.06	1.21	1.09	23.81	23.66	258.4	0.0	23.3	2.0	22.7	121.4	121.5	120.0	120.1	121.5	117.3
595	3.0	62.1	62.2	64.8	64.6	65.6	0.79	0.93	0.78	20.1	19.89	260.0	0.0	19.3	1.1	19.2	121.8	122.0	121.1	120.8	122.3	118.1
596	3.0	61.8	61.7	64.8	64.5	65.7	0.5	0.58	0.5	15.34	15.26	261.6	0.0	14.4	0.0	14.7	120.3	120.5	118.3	119.4	121.0	119.2
597	3.0	61.5	60.9	64.7	64.6	65.6	0.13	0.16	0.14	6.314	6.984	263.4	0.0	5.1	0.0	7.0	120.5	120.4	119.6	119.4	120.5	121.1

SRL Single Tube Flow Instability Test # 3.0

Stainless Steel ID = 0.995"

1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	TEW95W	TEW84N	TEW72W	TEW60N	TEW48W	TEW36N	TEW24W	TEW12N	TEW01W										
PPI1	TEW95E	TEW84S	TEW72E	TEW60S	TEW48E	TEW36S	TEW24E	TEW12S	TEW01E										
552	21.0	536.3	542.7	526.4	556.8	551.6	551.0	532.0	570.0	550.0	560.2	546.5	574.3	557.1	565.6	550.0	561.7	527.8	538.3
553	20.6	535.0	541.1	525.1	555.6	546.0	550.7	530.5	567.5	549.8	559.7	545.7	572.9	555.3	565.8	550.7	562.5	530.0	538.2
554	19.9	531.2	536.7	520.1	551.3	541.9	544.9	525.8	562.1	544.4	554.9	541.3	569.9	553.2	563.6	547.9	560.6	529.6	539.2
555	18.2	461.4	463.4	463.9	491.9	485.5	488.6	474.3	505.6	491.5	499.6	488.3	513.1	499.7	510.3	496.2	510.1	484.5	496.9
556	18.9	467.1	470.2	468.9	496.5	490.1	493.5	477.7	509.0	495.1	503.6	492.6	516.7	503.3	513.3	501.1	512.5	485.4	495.4
557	19.0	467.4	470.6	468.3	494.9	489.1	491.0	475.8	506.1	493.0	501.4	491.3	515.2	501.1	510.5	499.7	510.4	483.3	493.1
558	19.5	475.5	479.1	474.1	501.3	496.1	497.1	481.5	513.1	498.4	507.1	496.3	520.7	506.4	515.5	504.2	514.2	485.9	494.3
559	20.1	473.7	477.6	472.1	499.1	494.3	494.9	478.8	511.3	496.2	505.3	494.1	518.0	504.1	512.6	501.8	512.5	485.4	492.8
560	20.4	477.1	479.3	473.9	500.7	495.4	496.0	480.3	512.1	497.4	505.4	495.0	519.4	505.1	513.2	501.0	512.1	483.2	491.2
561	20.4	481.9	485.8	477.1	504.0	499.4	499.4	483.5	516.0	500.9	506.5	496.1	521.5	507.3	515.3	503.0	512.4	484.5	491.5
562	20.8	482.7	488.3	476.9	504.8	499.1	499.9	484.7	516.6	501.1	509.0	496.3	521.4	506.8	515.0	502.7	513.0	483.9	491.8
563	21.2	485.7	489.9	480.2	506.8	500.1	501.9	485.9	517.3	502.9	511.1	499.7	523.0	506.1	516.2	503.7	512.3	483.7	492.5
564	21.1	485.9	490.2	480.0	506.7	499.9	501.8	485.3	518.3	502.3	510.4	499.7	522.8	507.6	515.7	503.7	513.8	484.9	492.1
565	20.9	486.1	492.0	479.4	507.4	501.7	502.0	486.8	518.1	503.1	512.1	499.9	523.0	507.8	516.0	502.3	511.5	483.0	491.8
566	21.2	485.7	491.5	479.8	507.6	501.6	502.1	486.1	517.6	502.9	511.1	499.7	523.0	507.7	516.3	503.8	513.3	485.2	491.6
567	21.1	486.4	493.1	480.6	508.1	502.3	502.5	487.2	519.1	503.3	511.5	500.8	523.5	508.5	516.7	502.7	512.3	483.2	492.0
568	21.0	488.7	494.4	482.6	508.9	502.6	503.8	488.2	519.5	504.5	512.6	500.8	523.6	508.5	516.9	502.5	512.6	482.9	491.4
569	21.1	488.8	494.5	482.2	508.7	502.5	504.2	488.1	518.7	504.7	511.7	500.5	523.7	507.8	516.4	504.5	513.5	485.3	491.1
570	21.2	488.1	493.2	482.0	509.2	502.6	503.2	488.1	518.3	504.3	512.4	500.4	523.8	508.3	516.5	504.0	514.0	484.1	490.8
571	21.0	486.5	493.4	481.8	508.2	502.6	503.4	487.9	518.6	504.3	512.5	500.6	524.2	508.5	516.7	502.8	512.5	484.1	492.1
572	20.9	484.7	490.8	479.6	506.0	500.1	501.1	486.5	517.0	503.5	510.8	499.1	522.2	507.6	516.3	503.2	513.2	484.6	491.6
573	20.1	479.4	481.4	475.6	501.9	497.2	498.0	482.9	514.1	500.2	507.1	497.1	521.1	507.2	515.5	502.8	513.1	484.5	492.5
574	19.7	475.2	478.5	473.2	499.9	494.6	495.2	480.8	512.6	497.9	505.7	495.1	519.0	505.3	513.7	502.2	512.5	484.8	492.4
575	18.2	531.3	536.0	524.2	555.4	548.0	549.2	529.6	566.7	549.8	558.5	545.6	573.3	555.7	564.9	548.1	561.1	523.7	530.9
576	18.7	535.5	539.7	528.7	559.3	552.6	552.7	533.3	570.4	552.4	562.2	548.6	576.1	557.7	566.9	550.4	561.6	526.5	534.5
577	18.7	533.6	539.3	525.5	556.9	549.7	551.1	531.9	569.3	549.8	560.1	546.3	573.7	555.8	565.0	548.3	561.7	527.9	536.7
578	18.5	533.2	540.2	526.1	557.4	551.2	550.9	530.8	567.9	550.0	558.7	546.6	574.5	555.7	564.1	550.0	560.9	527.9	535.7
579	18.9	536.0	541.8	528.5	560.1	551.1	553.3	533.6	570.2	552.6	561.1	548.2	575.7	557.2	565.9	548.9	560.7	526.6	537.6
580	19.0	535.7	541.9	527.6	559.9	553.4	553.3	533.7	570.5	551.7	561.1	548.0	575.4	557.4	565.1	548.5	562.0	527.7	537.6
581	19.0	540.0	544.9	532.2	562.4	552.9	555.8	536.2	571.1	555.8	564.2	549.4	576.6	558.6	568.8	552.0	84.4	528.8	540.5
582	18.9	541.2	545.3	533.2	562.6	553.5	556.0	537.1	572.7	555.3	564.7	549.9	577.4	559.0	569.7	551.1	84.8	530.4	540.4
583	19.4	536.6	543.1	528.9	560.6	552.4	554.3	534.9	251.6	553.0	561.6	547.4	574.9	556.4	566.0	548.1	84.7	526.9	538.2
584	19.6	539.5	545.5	530.8	563.2	556.0	554.2	535.0	248.9	552.8	563.0	548.0	575.9	557.3	566.1	548.3	85.1	527.5	537.3
585	20.2	540.8	546.1	533.1	562.7	553.6	557.7	537.0	249.6	555.1	564.5	549.7	575.7	557.9	567.9	550.6	87.6	527.1	538.3
586	18.4	534.6	540.1	528.0	559.6	551.6	553.3	534.7	252.8	553.0	562.4	548.8	576.3	558.8	568.2	552.7	88.0	531.9	541.6
587	18.8	535.7	542.1	527.4	560.2	552.0	554.0	534.6	252.2	553.2	562.7	548.2	575.3	557.2	568.0	550.4	85.6	529.5	540.3
588	18.7	537.0	542.6	529.5	560.4	552.4	554.1	533.8	250.5	552.6	561.7	548.2	576.2	557.8	566.5	550.1	85.6	527.9	538.7
589	19.0	540.1	545.8	531.8	563.4	554.5	556.4	536.8	252.6	554.7	563.6	549.8	577.3	558.8	567.4	549.3	85.4	527.5	538.7
590	18.3	121.0	121.9	122.4	122.8	120.8	123.9	124.7	123.1	123.8	123.9	121.9	124.5	124.0	124.4	123.0	124.1	142.1	161.5
591	46.9	120.7	121.0	121.4	121.7	120.6	122.6	122.5	122.3	122.4	122.4	121.7	122.7	122.6	122.6	121.8	122.3	132.4	143.8
592	46.8	121.4	122.0	121.8	122.2	121.2	123.1	122.7	122.7	122.6	122.8	122.0	122.8	122.8	123.0	123.3	122.1	123.4	128.7
593	50.0	119.4	119.7	120.3	119.9	119.4	121.0	120.6	121.0	120.7	120.9	120.0	121.0	121.1	120.9	120.0	119.9	125.7	134.1
594	52.4	120.2	120.6	120.1	120.7	120.8	121.7	120.9	121.6	121.0	121.2	120.4	121.2	121.5	121.4	120.7	121.0	125.5	131.8
595	52.8	121.7	122.1	121.7	121.6	121.4	122.5	121.9	122.3	122.1	122.4	121.5	122.2	122.4	122.4	121.8	120.3	122.5	127.8
596	53.4	121.1	121.5	121.4	121.5	120.9	122.4	121.6	121.8	122.0	122.1	121.4	121.9	122.2	122.2	121.2	119.7	121.5	126.0
597	54.5	119.1	119.3	119.0	118.8	119.5	119.6	119.0	119.9	119.5	119.4	119.2	119.1	119.5	119.5	118.8	117.7	118.5	122.7

SRL Single Tube Flow Instability Test # 3.0

Stainless Steel ID = 0.995"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW		VOLTB		CURRT		HRATIO	TKW12W	TKW01N		VL		HL		YEAR	DAY	MIN					
	HFLX		VOLTT		QUALITY		DPP1	TKW12E	TKW01S		ID		DPL		MONTH	HRS	MIN					RUN
552	606.5	0.999	98.3	97.7	6208	-6.3	99.9	65.4	546.0	565.5	552.3	556.1	95.5	0.995	96.0	100.5	1989	1	19	18	3	552
553	606.4	0.998	98.1	97.7	6206	-7.2	100.6	64.9	545.1	566.7	550.8	556.1	95.5	0.995	96.0	100.5	1989	1	19	18	5	553
554	607.7	1.000	98.3	97.8	6215	-8.5	101.2	64.6	543.9	567.9	549.3	557.8	95.5	0.995	96.0	100.5	1989	1	19	18	9	554
555	489.6	0.806	87.4	87.0	5628	-7.2	101.1	63.1	496.4	516.7	500.6	508.4	95.5	0.995	96.0	100.5	1989	1	19	18	19	555
556	488.4	0.804	87.4	86.9	5618	-6.8	101.1	63.4	496.9	516.6	503.3	510.1	95.5	0.995	96.0	100.5	1989	1	19	18	27	556
557	484.9	0.798	87.1	86.6	5598	-6.6	101.2	63.5	497.4	516.2	500.5	507.4	95.5	0.995	96.0	100.5	1989	1	19	18	29	557
558	492.5	0.811	87.8	87.4	5636	-6.2	100.8	63.6	499.8	517.5	504.1	511.0	95.5	0.995	96.0	100.5	1989	1	19	18	34	558
559	485.6	0.800	87.3	86.8	5596	-6.0	100.9	63.9	497.9	515.9	501.9	508.4	95.5	0.995	96.0	100.5	1989	1	19	18	36	559
560	4	0.804	87.4	87.1	5609	-5.8	100.6	64.0	496.4	516.0	502.0	507.7	95.5	0.995	96.0	100.5	1989	1	19	18	39	560
561	489.4	0.806	87.6	87.2	5613	-5.2	100.3	63.8	499.1	516.4	502.8	509.6	95.5	0.995	96.0	100.5	1989	1	19	18	42	561
562	486.6	0.801	87.4	86.9	5599	-5.0	100.2	64.2	497.7	515.5	503.3	509.2	95.5	0.995	96.0	100.5	1989	1	19	18	45	562
563	487.9	0.803	87.5	87.1	5603	-4.8	100.4	64.5	498.7	516.1	504.0	510.0	95.5	0.995	96.0	100.5	1989	1	19	18	47	563
564	487.8	0.803	87.5	87.1	5602	-4.6	100.6	64.2	498.7	515.6	503.4	510.4	95.5	0.995	96.0	100.5	1989	1	19	18	49	564
565	488.9	0.805	87.7	87.2	5606	-4.6	100.5	64.3	499.1	516.7	503.1	510.0	95.5	0.995	96.0	100.5	1989	1	19	18	52	565
566	487.3	0.802	87.5	86.9	5605	-4.6	100.2	64.4	498.2	515.7	504.0	509.9	95.5	0.995	96.0	100.5	1989	1	19	18	54	566
567	487.2	0.802	87.5	87.0	5603	-4.4	100.6	64.7	498.2	516.0	503.7	510.3	95.5	0.995	96.0	100.5	1989	1	19	18	57	567
568	489.6	0.806	87.7	87.2	5615	-4.2	99.7	64.7	497.6	515.6	503.9	510.2	95.5	0.995	96.0	100.5	1989	1	19	19	0	568
569	487.5	0.803	87.4	87.0	5603	-4.2	100.4	64.7	498.6	514.7	503.3	509.9	95.5	0.995	96.0	100.5	1989	1	19	19	2	569
570	488.7	0.805	87.6	87.2	5605	-4.4	100.4	64.5	497.9	516.1	504.7	509.7	95.5	0.995	96.0	100.5	1989	1	19	19	4	570
571	489.5	0.806	87.6	87.2	5614	-4.5	99.9	64.5	498.1	516.6	504.3	510.6	95.5	0.995	96.0	100.5	1989	1	19	19	6	571
572	487.3	0.802	87.4	87.0	5599	-4.9	100.4	64.5	498.5	515.3	504.2	510.3	95.5	0.995	96.0	100.5	1989	1	19	19	8	572
573	488.5	0.804	87.6	87.0	5614	-5.8	100.8	64.0	498.8	517.6	503.9	509.8	95.5	0.995	96.0	100.5	1989	1	19	19	11	573
574	488.0	0.803	87.4	87.0	5612	-6.0	100.9	64.1	499.1	516.7	503.4	509.5	95.5	0.995	96.0	100.5	1989	1	19	19	13	574
575	608.1	1.001	98.4	97.8	6216	-5.4	101.4	63.3	542.0	566.6	548.6	556.9	95.5	0.995	96.0	100.5	1989	1	19	19	18	575
576	610.6	1.005	98.6	98.2	6220	-5.1	101.8	63.6	544.1	567.1	550.5	558.8	95.5	0.995	96.0	100.5	1989	1	19	19	21	576
577	605.5	0.997	98.2	97.7	6199	-5.1	100.7	63.5	543.1	565.6	549.9	558.1	95.5	0.995	96.0	100.5	1989	1	19	19	28	577
578	609.5	1.003	98.4	98.0	6217	-4.9	101.0	63.5	540.5	564.5	548.5	556.4	95.5	0.995	96.0	100.5	1989	1	19	19	35	578
579	608.2	1.001	98.6	97.9	6211	-4.8	101.0	63.4	543.9	564.8	551.6	558.0	95.5	0.995	96.0	100.5	1989	1	19	19	39	579
580	612.1	1.008	98.6	98.3	6228	-4.7	100.9	63.5	543.7	565.3	550.3	558.4	95.5	0.995	96.0	100.5	1989	1	19	19	43	580
581	613.1	1.009	98.8	98.3	6240	-4.6	100.5	63.8	544.8	566.6	553.6	561.2	95.5	0.995	96.0	100.5	1989	1	19	19	47	581
582	610.5	1.005	98.7	98.1	6226	-4.7	100.8	64.0	546.5	567.4	555.1	560.3	95.5	0.995	96.0	100.5	1989	1	19	19	50	582
583	607.8	1.001	98.3	97.9	6206	-4.5	100.5	63.9	542.1	564.2	551.3	559.7	95.5	0.995	96.0	100.5	1989	1	19	19	55	583
584	609.2	1.003	98.4	98.0	6215	-4.2	100.4	63.9	540.5	564.0	550.6	558.8	95.5	0.995	96.0	100.5	1989	1	19	19	57	584
585	609.8	1.004	98.5	98.1	6216	-4.0	100.1	63.6	542.7	562.7	551.2	559.1	95.5	0.995	96.0	100.5	1989	1	19	20	1	585
586	611.6	1.007	98.6	98.2	6227	-5.3	101.1	63.3	546.3	567.4	552.5	560.5	95.5	0.995	96.0	100.5	1989	1	19	20	3	586
587	604.2	0.995	98.1	97.6	6193	-5.1	101.2	63.0	545.7	565.7	552.5	560.4	95.5	0.995	96.0	100.5	1989	1	19	20	7	587
588	612.5	1.006	98.8	98.3	6233	-4.9	101.0	63.2	543.4	564.9	551.0	558.2	95.5	0.995	96.0	100.5	1989	1	19	20	9	588
589	612.8	1.009	98.9	98.2	6238	-4.4	100.3	63.3	543.0	565.1	552.9	560.8	95.5	0.995	96.0	100.5	1989	1	19	20	13	589
590	0.0	0.000	0.1	0.1	4	0.0	0.0	62.7	126.7	124.8	127.4	129.0	95.5	0.995	96.0	100.5	1989	1	19	20	26	590
591	0.0	0.000	0.1	0.1	3	0.0	0.0	63.6	123.9	123.2	124.5	125.3	95.5	0.995	96.0	100.5	1989	1	19	20	33	591
592	0.0	0.000	0.1	0.1	2	0.0	0.0	64.0	124.5	123.6	124.6	124.9	95.5	0.995	96.0	100.5	1989	1	19	20	38	592
593	0.0	0.000	0.0	0.1	2	0.0	0.0	64.6	122.4	121.8	122.3	122.7	95.5	0.995	96.0	100.5	1989	1	19	20	40	593
594	0.0	0.000	0.0	0.1	3	0.0	0.0	65.3	122.6	122.3	122.5	122.8	95.5	0.995	96.0	100.5	1989	1	19	20	42	594
595	0.0	0.000	0.0	0.1	4	0.0	0.0	65.8	123.5	123.3	124.1	123.1	95.5	0.995	96.0	100.5	1989	1	19	20	51	595
596	0.0	0.000	0.0	0.1	4	0.0	0.0	66.2	123.3	122.4	123.5	122.9	95.5	0.995	96.0	100.5	1989	1	19	20	55	596
597	0.0	0.000	0.1	0.1	3	0.0	0.0	66.9	121.2	120.3	120.5	120.0	95.5	0.995	96.0	100.5	1989	1	19	21	1	597

SRL Single Tube Flow Instability Test # 2.1
Stainless Steel ID = 0.745"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FBI1	FMO1	OTI1	TRTO1	TJT12											
TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRTI1	TJT11	TRT02											
598	2.1	70.0	78.4	64.8	64.7	65.6	9.33	8.89	9.33	34.89	35.18	256.3	0.0	34.2	34.8	33.1	76.9	77.0	75.8	75.5	77.0
599	2.1	68.8	74.1	64.8	64.7	65.6	8.01	7.63	7.99	32.11	32.25	257.4	0.0	31.3	32.0	30.3	78.7	79.0	77.5	77.0	79.0
600	2.1	68.6	73.9	64.6	64.6	65.4	8.01	7.63	8.00	32.09	32.20	257.2	0.0	31.3	31.9	30.5	77.7	77.8	76.8	76.6	78.0
601	2.1	67.7	72.2	65.0	64.7	65.9	6.79	6.46	6.74	29.10	29.10	257.3	0.0	28.3	29.1	27.6	77.5	77.5	76.8	76.5	77.5
602	2.1	66.3	69.8	64.6	64.6	65.5	5.65	5.43	5.62	26.30	26.15	258.2	0.0	25.4	26.2	24.9	77.7	77.7	76.9	76.9	78.0
603	2.1	65.1	67.7	64.5	64.5	65.4	4.43	4.21	4.41	22.87	22.79	260.4	0.0	21.9	22.9	21.9	78.0	78.0	77.0	77.0	78.0
604	2.1	64.6	66.6	64.7	64.7	65.7	3.52	3.37	3.47	20.13	19.99	260.4	0.0	18.9	20.1	19.2	77.9	78.0	76.8	76.7	78.0
605	2.1	63.8	65.3	64.8	64.7	65.7	2.79	2.68	2.77	17.69	17.58	261.7	0.0	16.4	17.7	16.8	77.6	77.5	77.0	76.7	77.9
606	2.1	63.2	64.2	64.7	64.7	65.9	2.11	2.05	2.09	15.08	15.08	261.3	0.0	13.7	15.1	14.5	77.5	77.5	76.8	76.4	77.5
607	2.1	62.4	63.0	64.7	64.7	65.7	1.50	1.47	1.48	12.50	12.35	261.8	0.0	10.7	12.5	11.9	77.4	77.5	76.7	76.5	77.5
608	2.1	61.9	62.3	64.7	64.7	65.9	0.96	0.92	0.95	9.69	9.66	263.1	0.0	7.7	9.7	9.3	77.4	77.5	76.6	76.6	77.5
609	2.1	61.5	61.6	64.6	64.7	65.8	0.61	0.59	0.60	7.11	7.42	263.1	0.0	5.1	7.5	7.1	77.6	77.5	76.7	76.5	77.5
610	2.1	61.3	61.2	64.5	64.5	65.8	0.35	0.34	0.35	3.72	5.49	264.6	0.0	0.0	5.5	5.4	78.0	78.0	76.9	76.9	78.0
611	2.1	72.2	80.3	64.7	64.6	65.5	11.70	11.10	11.71	39.54	39.84	253.5	0.0	38.9	3.9	37.5	76.5	76.5	75.5	75.2	76.5
612	2.1	69.9	78.0	64.7	64.6	65.5	9.46	8.86	9.45	39.92	39.87	253.5	0.0	39.6	3.9	37.7	77.0	125.3	75.8	75.9	125.4
613	2.1	68.4	75.0	64.7	64.6	65.6	7.84	7.34	7.83	35.96	35.96	255.7	0.0	35.8	3.4	34.1	76.4	128.8	75.0	75.1	128.9
614	2.1	67.1	72.2	64.7	64.6	65.6	6.42	6.02	6.40	32.29	32.31	256.5	0.0	32.1	2.9	30.9	77.8	136.5	76.7	76.8	136.5
615	2.1	65.8	70.1	64.5	64.5	65.5	5.25	4.94	5.22	29.06	29.04	257.0	0.0	28.8	2.5	27.7	78.6	141.5	75.5	75.3	141.5
616	2.1	64.9	68.2	64.7	64.7	66.0	4.08	3.84	4.06	25.53	25.33	257.1	0.0	25.2	1.8	24.2	77.5	151.8	76.6	76.1	151.9
617	2.1	63.6	65.7	64.4	64.5	65.6	2.88	2.71	2.86	20.89	20.89	258.4	0.0	20.6	0.0	20.0	77.5	168.0	76.7	76.2	168.0
618	2.1	63.0	64.3	64.6	64.6	65.8	2.10	1.98	2.09	17.28	17.39	260.2	0.0	16.8	0.0	16.6	76.7	185.0	75.5	75.8	185.0
619	2.1	62.7	63.7	64.6	64.6	65.7	1.77	1.68	1.74	15.29	15.31	260.9	0.0	14.8	0.0	14.7	76.0	199.5	74.9	75.0	199.5
620	2.1	62.9	63.4	64.9	64.9	66.0	1.52	1.48	1.50	13.27	13.52	262.2	0.0	13.2	0.1	12.7	77.1	217.5	76.0	76.1	217.5
621	2.1	62.4	62.9	64.6	64.7	65.8	1.43	1.39	1.40	12.35	12.43	261.4	0.0	12.1	0.1	11.9	77.9	229.5	76.6	77.0	229.5
622	2.1	62.6	63.0	64.9	64.8	66.0	1.35	1.30	1.34	11.49	11.67	261.0	0.0	11.2	0.0	11.0	77.3	239.1	76.3	76.2	239.1
623	2.1	62.4	62.9	64.8	64.9	65.9	1.33	1.30	1.30	10.93	11.10	262.8	0.0	10.3	0.0	10.5	77.0	246.5	75.8	76.4	246.5
624	2.1	62.6	63.0	64.9	64.9	66.0	1.30	1.21	1.30	10.56	10.76	262.7	0.0	9.9	0.0	10.2	76.8	251.5	75.5	75.8	251.5
625	2.1	62.7	63.1	64.6	64.7	65.9	1.62	1.70	1.68	9.37	9.63	264.0	0.0	7.9	0.0	9.1	77.0	270.5	75.8	76.2	270.5
626	2.1	69.7	77.4	64.4	64.4	65.6	9.38	8.79	9.40	38.97	39.27	255.6	0.0	39.1	0.1	37.1	120.3	153.0	118.8	118.5	153.0
627	2.1	68.5	75.0	64.5	64.4	65.6	8.12	7.55	8.13	36.04	36.20	256.0	0.0	36.1	0.1	34.5	121.3	156.5	119.5	119.3	156.5
628	2.1	67.5	72.8	64.8	64.6	65.8	6.80	6.39	6.81	32.80	32.93	257.3	0.0	32.8	0.1	31.1	121.3	160.0	119.5	119.2	160.0
629	2.1	66.2	70.2	64.6	64.5	65.6	5.38	5.08	5.38	28.93	29.02	258.6	0.0	29.0	0.1	27.7	120.4	164.0	118.8	118.2	164.0
630	2.1	65.3	68.6	64.6	64.6	65.8	4.54	4.27	4.54	26.31	26.30	259.1	0.0	26.3	0.1	25.1	120.4	168.0	118.5	118.5	168.0
631	2.1	64.4	67.0	64.5	64.5	65.8	3.66	3.44	3.65	23.31	23.33	260.1	0.0	23.2	0.0	22.4	121.4	175.0	119.9	119.3	175.0
632	2.1	63.9	65.8	64.5	64.5	65.7	3.04	2.89	3.02	21.00	21.01	260.9	0.0	20.8	0.0	20.1	120.7	181.0	119.0	118.5	181.0
633	2.1	63.6	65.3	64.9	64.8	66.1	2.45	2.31	2.47	18.62	18.80	260.8	0.0	18.4	0.1	17.9	120.4	187.9	118.9	118.7	187.8
634	2.1	63.2	64.4	64.9	64.9	66.0	2.03	1.93	2.02	16.63	16.78	260.9	0.0	16.3	0.0	16.1	121.8	196.8	119.8	119.6	196.8
635	2.1	62.4	63.2	64.4	64.5	65.7	1.60	1.52	1.59	14.31	14.49	262.0	0.0	14.0	0.0	13.9	121.6	209.0	119.9	119.5	209.0
636	2.1	62.6	63.2	64.8	64.7	66.0	1.43	1.38	1.41	13.16	13.34	263.4	0.0	12.8	0.1	12.8	120.6	215.0	118.8	119.2	215.0
637	2.1	62.6	63.2	65.0	64.9	66.1	1.33	1.27	1.31	12.56	12.71	262.6	0.0	12.0	0.1	12.1	121.6	220.3	121.3	117.3	220.4
638	2.1	62.4	62.6	64.8	64.7	65.9	1.15	1.12	1.14	11.09	11.31	262.7	0.0	10.4	0.0	10.9	121.0	232.5	118.6	120.7	232.5
639	2.1	62.1	62.3	64.7	64.7	65.9	1.03	1.00	1.02	9.64	9.97	263.9	0.0	8.9	0.0	9.6	120.2	244.5	118.8	117.4	244.5
640	2.1	62.4	62.3	64.8	64.9	66.0	0.98	0.97	0.98	8.84	9.32	263.1	0.0	8.3	0.0	8.9	121.6	255.0	120.2	118.5	255.0
641	2.1	62.5	62.6	65.0	64.9	66.1	1.06	1.02	1.05	8.06	8.55	264.2	0.0	7.5	0.0	8.2	120.8	266.0	119.1	117.9	266.0
642	2.1	62.4	62.5	64.7	66.2	65.9	1.39	1.24	1.43	6.94	7.76	265.3	0.0	10.6	0.0	7.6	121.0	278.9	119.4	118.4	278.9
643	2.1	63.7	63.7	65.3	65.0	66.3	1.94	2.01	1.93	6.38	7.26	265.3	0.0	8.1	0.0	7.1	122.0	289.7	121.3	118.0	289.7
644	2.1	62.8	63.8	64.5	64.5	65.8	1.87	1.81	1.86	15.78	15.88	260.8	0.0	15.4	0.1	15.4	121.4	201.5	119.7	119.5	201.5
645	2.1	69.9	77.9	64.7	64.5	65.6	9.38	8.74	9.35	39.56	40.03	254.6	0.0	40.1	0.0	37.7	121.8	169.7	120.2	119.6	169.8
646	2.1	68.5	75.2	64.5	64.5	65.4	8.14	7.60	8.15	36.68	37.04	256.3	0.0	37.2	0.1	35.1	120.1	171.8	118.7	118.4	171.9
647	2.1	67.3	73.2	64.5	64.4	65.4	7.00	6.54	6.97	34.14	34.09	255.6	0.0	34.2	0.0	32.3	120.1	176.0	118.4	118.3	176.0

SRL Single Tube Flow Instability Test # 2.1

Stainless Steel ID = 0.745"

1	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	PP01	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
	PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
598	93.8	29.2	75.2	75.4	75.3	75.3	74.8	75.6	75.4	75.9	74.5	74.7	75.0	75.0	75.4	74.8	73.7	73.5	74.4	75.3
599	97.5	33.1	77.5	77.5	77.7	77.8	77.6	78.0	77.6	78.0	77.5	77.6	77.4	77.6	77.8	77.6	77.0	76.6	76.7	77.8
600	97.3	32.9	76.2	76.4	76.6	76.6	76.8	77.5	76.6	77.1	76.4	76.5	75.6	76.4	76.7	76.6	76.3	75.2	75.7	76.7
601	101.4	36.8	76.1	76.2	76.4	76.3	76.1	76.8	76.4	76.6	76.1	76.1	75.9	76.1	76.4	76.2	75.8	75.8	75.9	76.3
602	104.5	39.8	76.1	76.1	76.6	76.7	76.3	77.1	76.1	77.0	76.3	76.2	76.3	76.3	76.3	76.1	76.1	75.2	75.5	76.6
603	108.1	42.9	76.2	76.7	76.4	76.8	76.4	77.1	76.6	77.2	76.4	76.2	76.8	76.4	76.7	76.2	76.3	74.6	75.0	76.7
604	111.2	45.8	76.2	76.6	76.7	76.6	76.6	77.4	76.6	77.2	76.3	76.4	76.0	76.4	76.7	76.5	76.3	74.8	75.2	76.8
605	112.9	47.7	76.1	76.3	76.6	76.6	76.4	77.2	76.5	76.9	76.4	76.2	75.9	76.2	76.4	76.1	76.1	75.7	76.1	76.7
606	115.3	49.6	76.1	76.3	76.4	76.4	76.2	77.1	76.1	76.8	76.3	76.3	75.8	76.1	76.5	76.1	76.0	75.5	76.1	76.6
607	117.0	51.1	76.0	76.1	76.1	76.1	76.2	77.0	76.0	76.6	76.2	76.1	75.7	76.1	76.3	76.1	75.9	76.1	75.3	76.5
608	118.7	52.6	76.0	76.2	76.0	76.0	76.2	76.8	76.0	76.7	76.2	76.1	75.6	76.1	76.3	76.1	76.0	75.7	75.7	76.0
609	119.5	53.2	76.1	76.2	76.4	76.4	76.1	76.8	76.5	76.8	76.2	76.1	76.0	76.3	76.3	76.3	76.2	75.2	75.4	76.6
610	120.3	53.8	76.3	76.7	76.7	77.0	76.4	77.4	76.7	77.2	76.5	76.2	76.1	76.3	76.6	76.3	76.3	75.9	76.0	76.4
611	112.2	48.4	74.9	75.3	75.2	74.6	75.5	76.0	75.0	75.6	75.7	75.0	74.5	74.9	75.3	74.9	75.3	74.1	74.6	75.3
612	112.0	48.7	337.8	327.7	336.4	349.8	334.7	332.7	351.8	373.9	337.6	370.5	360.9	377.4	358.2	367.1	333.1	364.9	341.6	366.0
613	113.3	49.7	341.0	330.2	340.3	354.1	340.3	336.1	356.8	378.8	344.1	376.3	365.7	382.9	363.7	373.1	340.4	372.4	348.7	372.5
614	114.3	50.7	349.8	338.6	350.7	363.7	351.6	348.8	368.8	392.0	356.8	388.8	378.8	396.2	376.6	385.9	353.7	386.1	361.0	384.9
615	115.3	51.4	355.7	345.2	357.7	371.0	358.6	356.2	377.4	400.8	364.6	398.1	388.3	405.8	386.2	395.8	361.8	395.0	369.1	394.9
616	117.2	52.5	364.9	354.3	368.4	381.9	368.6	366.4	391.4	416.6	376.6	412.8	405.1	422.5	402.0	411.3	372.9	407.1	381.8	410.1
617	117.8	53.1	382.1	371.6	390.3	404.2	397.6	394.5	420.1	445.3	409.9	444.8	432.5	451.7	431.9	442.3	411.8	440.9	416.9	444.5
618	118.7	53.8	389.8	379.2	404.0	418.9	411.9	406.7	439.5	463.4	424.1	461.6	453.8	469.9	451.9	460.1	425.3	456.3	436.1	463.8
619	118.4	53.9	398.5	387.1	416.7	432.4	429.2	425.2	453.2	475.3	438.8	473.5	466.9	480.7	465.4	471.8	437.8	466.7	449.2	475.4
620	119.3	54.3	407.9	397.1	431.4	446.5	444.9	441.4	464.9	485.8	450.9	481.7	477.2	488.8	473.7	480.3	447.5	473.8	457.7	483.9
621	118.9	53.9	422.4	411.5	445.8	456.9	458.0	454.2	470.1	489.7	464.9	486.1	481.7	492.7	479.2	486.4	466.9	481.3	463.9	489.2
622	119.4	54.2	425.0	413.4	448.4	458.7	457.7	454.8	471.8	490.8	464.4	488.8	483.4	493.1	479.9	486.9	468.9	482.5	464.5	489.2
623	119.1	54.1	430.7	419.4	451.8	461.5	459.4	456.4	473.7	492.4	465.5	490.2	484.1	493.6	480.7	487.7	468.9	483.3	465.2	489.8
624	119.2	53.9	440.7	431.8	455.3	464.2	461.0	458.2	475.9	493.6	466.1	491.6	484.4	493.6	481.1	488.4	466.0	483.6	465.5	489.1
625	117.9	52.8	447.0	442.5	461.0	469.0	464.7	461.6	479.2	496.0	467.6	492.9	485.0	494.2	481.2	488.3	463.4	482.6	465.1	489.0
626	111.7	49.5	227.9	279.7	291.2	299.4	299.3	297.4	302.5	318.3	305.1	319.3	309.2	320.7	308.6	315.6	307.3	316.9	298.1	316.2
627	112.6	50.1	291.4	283.3	293.9	302.5	300.1	298.0	306.8	323.1	305.6	322.8	315.0	324.9	313.0	318.9	307.3	320.0	302.3	319.6
628	113.8	51.0	294.4	286.2	297.8	306.3	303.2	301.4	312.5	328.9	308.2	327.3	321.1	330.9	317.8	324.3	310.2	324.4	306.4	324.6
629	115.2	51.6	299.4	291.8	304.5	313.8	309.3	307.6	321.1	337.7	315.2	337.0	329.9	340.6	327.9	333.3	316.4	333.1	314.5	333.5
630	115.6	52.3	302.4	294.9	309.2	318.6	314.8	313.0	327.5	343.7	321.4	343.7	336.4	347.6	334.9	341.2	323.1	341.6	323.4	342.6
631	116.4	52.8	306.9	300.5	316.1	325.5	320.3	318.6	336.8	354.1	327.5	352.7	347.0	357.6	344.5	350.2	328.7	348.8	331.5	351.7
632	116.8	53.1	314.9	308.1	325.8	335.2	331.9	329.6	349.1	366.8	340.6	367.5	360.0	372.2	358.7	365.1	341.0	363.7	345.4	366.9
633	117.4	53.6	319.1	312.6	332.5	342.2	339.7	337.9	359.1	377.7	350.2	378.1	371.8	383.8	370.1	376.6	351.3	376.0	357.5	378.9
634	118.4	53.6	325.2	318.8	341.5	351.1	350.3	348.8	370.9	390.4	363.1	391.3	383.7	396.8	383.5	389.9	364.2	388.1	370.6	392.6
635	118.3	53.4	332.5	325.1	352.5	362.6	361.9	359.8	386.7	406.4	374.5	404.8	401.4	411.3	398.8	403.9	374.5	401.0	384.8	407.6
636	118.5	53.7	336.2	328.8	358.2	369.3	368.0	366.0	394.1	413.6	380.4	411.2	407.8	417.3	405.8	410.7	380.0	406.6	391.8	414.1
637	118.6	54.0	339.3	332.6	364.9	374.6	377.3	374.8	400.7	418.8	388.7	418.2	413.6	423.1	412.6	417.0	388.5	413.5	399.4	420.7
638	119.0	53.9	345.1	337.0	375.8	385.4	386.9	384.5	409.9	426.4	395.9	424.6	421.1	430.0	419.3	423.3	395.0	419.3	406.9	426.9
639	118.9	53.7	350.5	341.4	384.4	393.9	393.5	391.4	415.8	431.7	400.6	429.3	427.0	434.2	424.0	428.1	399.1	422.7	411.1	432.2
640	118.9	53.9	354.7	346.0	389.7	399.2	396.8	394.7	418.5	434.8	402.8	431.2	430.0	436.0	425.9	430.4	401.3	423.1	411.8	434.2
641	118.7	53.6	370.3	362.7	400.4	408.0	403.7	401.8	423.4	438.7	407.3	434.7	432.6	438.4	428.6	432.6	405.0	424.7	414.4	435.3
642	118.4	53.2	373.5	366.5	405.1	411.9	406.6	404.7	426.6	441.1	409.0	435.7	433.5	439.1	429.7	433.0	405.4	424.8	414.6	435.6
643	116.9	51.9	385.8	382.8	408.0	414.3	409.9	407.6	427.1	440.6	409.5	435.6	432.0	438.0	428.8	432.8	406.1	424.8	415.0	435.0
644	117.8	53.5	331.0	322.6	348.9	358.9	363.1	360.4	380.4	398.8	376.6	401.3	393.4	405.7	393.5	399.9	378.7	400.0	381.5	403.3
645	112.0	49.3	358.9	352.0	362.1	375.2	352.7	351.9	381.4	402.0	353.3	396.8	390.7	404.6	387.3	395.1	345.7	388.9	365.0	395.8
646	112.6	49.7	363.9	355.7	367.7	381.1	364.8	363.5	388.0	408.7	367.0	405.6	397.4	412.4	394.9	403.0	363.0	397.7	374.1	404.6
647	113.6	50.5	367.3	359.1	372.7	384.9	369.3	367.9	394.1	415.5	372.5	411.2	404.9	419.2	401.2	409.5	368.5	405.1	380.3	410.6

SRL Single Tube Flow Instability Test # 2.1
Stainless Steel ID = 0.745"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VOLTB	CURRT	HRATIO	TKW07N	BL	VTL	HL	YEAR	DAY	MIN											
	HFLX	VOLTT	QUALITY	DPP1	TKW01S	BL	ID	DPL	MONTH	HRS	RUN											
598	0.0	0.001	0.1	0.1	8	0.0	0.0	65.9	76.7	76.6	0	0	95.5	0.745	96.0	100.5	1989	1	24	14	22	598
599	0.0	0.001	0.0	0.2	8	0.0	0.0	65.9	79.3	78.5	0	0	95.5	0.745	96.0	100.5	1989	1	24	14	29	599
600	0.0	0.001	0.1	0.1	5	0.0	0.0	65.8	78.1	77.8	0	0	95.5	0.745	96.0	100.5	1989	1	24	14	31	600
601	0.0	0.001	0.0	0.1	9	0.0	0.0	66.0	77.8	77.0	0	0	95.5	0.745	96.0	100.5	1989	1	24	14	42	601
602	0.0	0.001	0.1	0.1	8	0.0	0.0	66.2	78.2	77.5	0	0	95.5	0.745	96.0	100.5	1989	1	24	14	45	602
603	0.0	0.001	0.0	0.1	8	0.0	0.0	66.3	78.2	77.8	0	0	95.5	0.745	96.0	100.5	1989	1	24	14	47	603
604	0.0	0.001	0.0	0.1	9	0.0	0.0	66.7	78.4	77.7	0	0	95.5	0.745	96.0	100.5	1989	1	24	14	51	604
605	0.0	0.001	0.0	0.1	8	0.0	0.0	66.8	78.2	77.5	0	0	95.5	0.745	96.0	100.5	1989	1	24	14	53	605
606	0.0	0.001	0.0	0.1	8	0.0	0.0	66.9	77.8	77.1	0	0	95.5	0.745	96.0	100.5	1989	1	24	14	54	606
607	0.0	0.001	0.1	0.2	7	0.0	0.0	67.2	77.7	77.3	0	0	95.5	0.745	96.0	100.5	1989	1	24	14	56	607
608	0.0	0.001	0.1	0.1	8	0.0	0.0	67.2	78.0	77.3	0	0	95.5	0.745	96.0	100.5	1989	1	24	14	58	608
609	0.0	0.001	0.1	0.1	7	0.0	0.0	67.4	77.7	77.2	0	0	95.5	0.745	96.0	100.5	1989	1	24	15	1	609
610	0.0	0.001	0.1	0.1	9	0.0	0.0	67.5	78.2	77.9	0	0	95.5	0.745	96.0	100.5	1989	1	24	15	4	610
611	0.0	0.001	0.1	0.1	7	0.0	0.0	64.9	76.6	76.5	0	0	95.5	0.745	96.0	100.5	1989	1	24	15	13	611
612	274.5	0.604	74.4	73.9	3716	-19.2	101.6	64.6	406.9	469.0	0	0	95.5	0.745	96.0	100.5	1989	1	24	16	17	612
613	270.5	0.595	74.0	73.4	3685	-18.8	101.0	64.7	411.0	471.7	0	0	95.5	0.745	96.0	100.5	1989	1	24	16	21	613
614	272.0	0.598	74.4	73.8	3685	-17.9	101.0	64.7	423.8	486.5	0	0	95.5	0.745	96.0	100.5	1989	1	24	16	34	614
615	271.0	0.598	74.4	73.8	3675	-17.3	100.8	65.0	432.8	494.7	0	0	95.5	0.745	96.0	100.5	1989	1	24	16	37	615
616	272.9	0.600	75.0	74.3	3674	-16.2	99.9	65.5	450.9	514.9	0	0	95.5	0.745	96.0	100.5	1989	1	24	16	39	616
617	272.6	0.599	75.2	74.6	3654	-14.4	100.5	65.8	476.0	541.6	0	0	95.5	0.745	96.0	100.5	1989	1	24	16	54	617
618	271.4	0.597	75.3	74.7	3631	-12.6	100.7	66.0	497.2	561.3	0	0	95.5	0.745	96.0	100.5	1989	1	24	16	58	618
619	273.8	0.602	75.9	75.3	3637	-11.0	100.3	65.9	511.2	572.7	0	0	95.5	0.745	96.0	100.5	1989	1	24	17	1	619
620	272.2	0.599	75.8	75.3	3618	-9.2	101.3	66.2	521.6	583.0	0	0	95.5	0.745	96.0	100.5	1989	1	24	17	4	620
621	272.3	0.599	76.0	75.4	3614	-7.7	100.6	66.2	526.1	584.6	0	0	95.5	0.745	96.0	100.5	1989	1	24	17	12	621
622	271.5	0.597	75.9	75.2	3609	-6.8	101.0	66.4	530.6	585.1	0	0	95.5	0.745	96.0	100.5	1989	1	24	17	14	622
623	271.5	0.597	75.9	75.4	3602	-5.9	100.9	66.3	531.8	584.8	0	0	95.5	0.745	96.0	100.5	1989	1	24	17	16	623
624	270.7	0.595	75.8	75.2	3598	-5.4	101.1	66.3	531.9	584.0	0	0	95.5	0.745	96.0	100.5	1989	1	24	17	19	624
625	270.0	0.594	75.8	75.2	3590	-3.2	100.6	66.2	530.5	582.3	0	0	95.5	0.745	96.0	100.5	1989	1	24	17	23	625
626	181.8	0.400	60.1	59.6	3051	-16.1	101.4	63.5	340.0	383.2	0	0	95.5	0.745	96.0	100.5	1989	1	24	17	41	626
627	182.2	0.401	60.2	59.7	3050	-15.7	100.7	63.7	346.2	389.5	0	0	95.5	0.745	96.0	100.5	1989	1	24	17	44	627
628	182.0	0.400	60.2	59.8	3044	-15.3	100.8	64.0	352.1	396.9	0	0	95.5	0.745	96.0	100.5	1989	1	24	17	45	628
629	181.6	0.399	60.3	59.8	3034	-14.8	100.3	64.4	360.9	405.9	0	0	95.5	0.745	96.0	100.5	1989	1	24	17	47	629
630	180.1	0.396	60.1	59.7	3018	-14.4	100.1	64.5	367.4	411.5	0	0	95.5	0.745	96.0	100.5	1989	1	24	18	6	630
631	181.0	0.398	60.5	59.9	3022	-13.6	99.2	64.7	378.4	423.7	0	0	95.5	0.745	96.0	100.5	1989	1	24	18	8	631
632	182.6	0.402	60.9	60.4	3026	-12.9	99.6	64.9	390.6	436.9	0	0	95.5	0.745	96.0	100.5	1989	1	24	18	13	632
633	182.2	0.401	60.9	60.4	3016	-12.2	100.3	65.1	402.0	449.4	0	0	95.5	0.745	96.0	100.5	1989	1	24	18	19	633
634	180.4	0.397	60.9	60.2	2996	-11.3	100.2	65.8	412.9	461.4	0	0	95.5	0.745	96.0	100.5	1989	1	24	18	25	634
635	182.8	0.402	61.4	60.9	3003	-9.8	99.9	65.9	430.4	478.4	0	0	95.5	0.745	96.0	100.5	1989	1	24	18	29	635
636	182.1	0.400	61.4	60.8	2995	-9.2	99.6	65.8	436.9	483.8	0	0	95.5	0.745	96.0	100.5	1989	1	24	18	31	636
637	182.1	0.400	61.4	60.9	2990	-8.6	99.3	66.1	442.1	488.0	0	0	95.5	0.745	96.0	100.5	1989	1	24	18	36	637
638	181.0	0.398	61.4	60.8	2978	-7.3	100.3	66.4	449.6	496.3	0	0	95.5	0.745	96.0	100.5	1989	1	24	18	40	638
639	180.7	0.397	61.3	60.8	2970	-5.8	99.1	66.0	457.3	501.7	0	0	95.5	0.745	96.0	100.5	1989	1	24	18	43	639
640	180.6	0.397	61.4	60.9	2965	-4.7	99.5	66.4	462.0	503.9	0	0	95.5	0.745	96.0	100.5	1989	1	24	18	45	640
641	181.8	0.400	61.7	61.2	2971	-3.4	98.8	66.2	465.6	504.5	0	0	95.5	0.745	96.0	100.5	1989	1	24	18	49	641
642	181.2	0.398	61.6	61.1	2964	-1.8	98.0	66.2	465.4	502.6	0	0	95.5	0.745	96.0	100.5	1989	1	24	18	52	642
643	181.5	0.399	61.7	61.2	2965	-0.4	97.2	66.3	464.9	502.8	0	0	95.5	0.745	96.0	100.5	1989	1	24	18	55	643
644	183.0	0.402	61.3	60.8	3010	-10.7	100.1	65.6	422.6	469.8	0	0	95.5	0.745	96.0	100.5	1989	1	24	19	9	644
645	272.0	0.598	74.6	74.0	3675	-14.3	101.5	63.7	436.1	497.3	0	0	95.5	0.745	96.0	100.5	1989	1	24	20	52	645
646	272.9	0.600	74.8	74.2	3677	-14.0	100.9	64.0	443.4	503.7	0	0	95.5	0.745	96.0	100.5	1989	1	24	20	59	646
647	272.3	0.599	74.9	74.3	3668	-13.5	100.6	64.3	450.0	511.8	0	0	95.5	0.745	96.0	100.5	1989	1	24	21	1	647

SRL Single Tube Flow Instability Test # 2.1

Stainless Steel ID = 0.745"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FBH1	FMO1	OTI1	TRTO1	TJT12											
TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRTI1	TJT11	TRT02											
648	2.1	66.4	71.0	64.7	64.7	65.6	5.67	5.35	5.64	30.28	30.30	257.0	0.0	30.6	0.1	29.0	120.3	182.5	119.0	118.2	182.5
649	2.1	65.3	68.8	64.7	64.7	65.6	4.55	4.31	4.53	27.13	26.78	257.6	0.0	27.1	0.1	25.6	120.5	190.3	118.8	118.5	190.4
650	2.1	64.3	66.7	64.6	64.6	65.5	3.47	3.29	3.47	23.16	22.91	260.1	0.0	23.3	0.1	22.0	120.0	202.5	118.3	118.5	202.5
651	2.1	63.6	65.3	64.7	64.7	65.6	2.65	2.49	2.63	19.34	19.33	261.1	0.0	19.7	0.0	18.6	120.6	217.9	119.6	118.8	217.9
652	2.1	63.3	64.4	64.9	64.8	65.7	2.16	2.07	2.14	16.33	16.46	261.6	0.0	16.7	0.0	15.7	120.8	234.6	118.9	118.6	234.6
653	2.1	63.0	63.8	64.7	64.7	65.8	1.91	1.81	1.90	14.69	14.37	262.5	0.0	15.8	0.0	13.8	121.9	253.0	120.2	120.1	253.0
654	2.1	63.5	63.9	64.9	65.7	66.1	2.11	1.92	2.04	13.06	12.89	261.7	0.0	13.6	0.1	12.3	120.8	266.7	119.1	118.9	266.8
655	2.1	64.4	65.0	65.5	65.4	67.0	2.58	2.49	2.59	12.20	11.97	263.2	0.0	13.7	0.0	11.6	122.1	277.6	120.4	118.9	277.5
656	2.1	63.1	63.7	64.7	64.7	65.7	1.90	1.77	1.87	13.55	13.49	261.5	0.0	13.5	0.0	12.9	121.3	259.9	119.4	119.6	259.9
657	2.1	62.8	63.6	64.6	64.6	65.7	1.87	1.78	1.86	13.97	13.97	262.3	0.0	13.8	0.0	13.5	121.6	255.0	119.9	120.0	255.1
658	2.1	63.4	64.6	65.2	64.9	66.4	2.00	1.93	2.00	15.09	15.29	261.9	0.0	15.4	0.0	14.5	121.8	244.5	121.7	119.5	244.5
659	2.1	63.8	65.2	65.0	64.8	66.2	2.45	2.33	2.41	17.96	18.01	260.4	0.0	18.3	0.1	17.2	121.9	226.0	119.7	119.8	226.0
660	2.1	67.3	72.3	64.8	64.5	65.9	6.22	5.96	6.29	31.85	31.97	256.1	0.0	31.8	0.1	30.4	120.2	181.5	118.4	118.4	181.6
661	2.1	69.8	77.7	64.8	64.6	66.0	9.07	8.42	9.07	39.40	39.81	253.8	0.0	40.1	0.0	37.6	120.4	184.4	118.6	118.6	184.5
662	2.1	68.5	75.2	64.4	64.4	65.7	7.99	7.44	7.95	36.84	37.11	254.6	0.0	37.4	0.1	35.1	121.7	189.7	120.4	119.9	189.6
663	2.1	67.6	73.6	64.5	64.4	65.4	7.07	6.63	7.08	34.57	34.69	256.0	0.0	35.1	0.0	33.0	121.7	195.0	120.1	119.6	195.0
664	2.1	66.8	71.8	64.5	64.5	65.8	6.10	5.71	6.11	31.88	31.98	256.1	0.0	32.5	0.0	30.5	121.3	200.5	119.4	119.3	200.4
665	2.1	65.9	69.6	64.7	64.6	65.8	4.95	4.66	4.92	28.07	28.01	256.9	0.0	28.5	0.0	26.8	121.4	211.5	119.5	119.8	211.5
666	2.1	65.5	68.8	64.9	64.8	66.0	4.44	4.17	4.41	26.18	26.10	257.2	0.0	26.6	0.0	25.1	120.3	216.5	118.7	118.5	216.5
667	2.1	71.6	79.5	64.9	64.7	65.9	10.74	10.11	10.77	39.55	40.07	253.7	0.0	39.1	0.1	37.7	121.0	121.0	119.5	119.1	121.0
668	2.1	69.1	75.2	64.6	64.5	65.7	8.46	7.99	8.45	34.62	34.80	256.3	0.0	34.1	0.0	32.9	121.6	121.7	119.8	120.2	121.9
669	2.1	67.5	71.8	64.6	64.5	65.8	6.58	6.21	6.59	30.10	30.21	256.1	0.0	29.6	0.0	28.8	121.5	121.5	119.7	119.8	121.5
670	2.1	64.5	66.5	64.7	64.7	65.9	3.49	3.32	3.46	20.98	21.01	258.2	0.0	20.3	0.0	20.2	120.1	120.0	118.3	118.1	120.0
671	2.1	63.4	64.5	64.6	64.6	65.9	2.27	2.14	2.25	16.43	16.51	259.5	0.0	15.5	0.1	15.9	121.2	121.0	119.4	119.4	121.1
672	2.1	62.5	63.1	64.7	64.7	65.9	1.38	1.32	1.38	12.27	12.53	260.9	0.0	11.2	0.0	12.1	121.7	122.0	119.7	119.5	122.0
673	2.1	62.0	62.1	64.5	64.6	65.8	0.95	0.90	0.96	9.82	10.11	262.1	0.0	8.3	0.0	9.7	120.4	120.5	118.5	117.8	120.0
674	2.1	61.7	61.5	64.8	64.8	66.1	0.37	0.35	0.36	4.56	5.67	263.8	0.0	0.0	0.0	5.8	121.3	121.0	119.6	119.4	121.0
675	2.1	61.9	61.8	64.7	64.7	66.0	0.64	0.61	0.64	7.21	7.92	262.7	0.0	5.8	0.0	7.6	122.0	121.9	120.7	119.6	122.0
676	2.1	65.9	69.0	64.7	64.6	65.9	4.88	4.63	4.87	25.42	25.35	258.1	0.0	24.8	0.1	24.3	120.7	121.0	118.1	118.5	121.0
677	2.1	63.4	65.0	64.4	64.4	65.5	2.61	2.46	2.58	19.04	18.87	259.7	0.0	19.8	0.1	18.1	76.1	207.0	74.6	75.2	207.0
678	2.1	63.6	64.9	64.8	64.7	65.8	2.37	2.22	2.35	18.00	17.38	259.0	0.0	17.5	0.1	16.8	76.1	218.5	75.3	74.9	218.5
679	2.1	63.4	64.5	64.8	64.7	65.8	2.20	2.09	2.18	16.22	16.16	259.3	0.0	16.7	0.0	15.5	77.5	231.6	76.7	76.5	231.6
680	2.1	63.1	64.3	64.7	64.7	65.9	2.10	2.08	2.09	15.45	15.02	260.5	0.0	14.7	0.0	14.2	77.9	244.5	76.8	76.5	244.5
681	2.1	63.8	64.1	64.8	65.0	65.8	2.19	2.18	2.23	14.18	13.73	261.1	0.0	15.2	0.0	13.1	77.3	257.8	76.1	76.0	258.0
682	2.1	65.2	67.9	64.9	64.9	66.0	3.96	3.74	3.95	24.19	24.01	258.9	0.0	25.0	0.1	23.1	120.7	226.0	118.8	119.1	226.0
683	2.1	64.3	66.6	64.7	64.7	65.8	3.49	3.30	3.48	21.82	21.74	258.7	0.0	22.9	0.1	20.9	120.4	236.0	118.7	118.8	236.0
684	2.1	64.0	65.9	64.6	64.7	65.7	3.19	3.01	3.13	19.75	19.78	260.1	0.0	20.6	0.1	19.0	120.3	246.5	118.5	118.8	246.5
685	2.1	64.5	65.9	65.1	64.9	66.1	3.02	2.95	3.02	18.50	18.56	259.2	0.0	19.8	0.0	17.9	120.4	255.0	118.9	118.9	255.0
686	2.1	64.7	65.8	65.0	65.0	66.3	3.18	3.11	3.13	17.80	17.43	259.7	0.0	19.4	0.0	16.7	120.3	262.8	118.4	118.5	262.7
687	2.1	65.0	66.2	64.7	64.7	66.3	3.89	3.85	3.84	16.64	16.85	260.8	0.0	18.2	0.1	16.1	121.8	271.6	120.2	120.0	271.5
688	2.1	63.9	65.5	64.4	64.5	65.7	3.13	2.97	3.09	18.96	18.96	260.7	0.0	19.6	0.1	18.3	121.7	254.0	120.0	119.3	254.0
689	2.1	64.2	65.8	64.8	64.8	66.2	3.21	3.01	3.11	18.23	18.20	259.4	0.0	18.8	0.1	17.4	120.7	259.3	119.1	119.0	259.1
690	2.1	64.0	65.7	64.6	64.6	66.0	3.13	2.81	3.13	18.48	18.04	259.8	0.0	19.4	0.0	17.3	121.1	260.5	119.3	119.0	260.5
691	2.1	66.3	70.6	64.6	64.6	65.8	5.50	5.17	5.47	29.91	29.93	256.1	0.0	30.5	0.0	28.7	121.7	206.5	119.9	120.2	206.5
692	2.1	70.2	78.0	65.3	64.9	66.6	8.95	8.27	8.97	39.65	39.87	254.2	0.0	40.4	0.1	37.6	121.5	201.0	119.8	119.7	201.0
693	2.1	69.3	76.6	64.8	64.7	66.0	8.51	7.88	8.51	38.30	38.68	254.2	0.0	39.3	0.1	36.5	120.4	203.0	118.9	118.3	203.0
694	2.1	68.8	75.7	64.7	64.6	66.0	8.09	7.54	8.04	37.28	37.39	254.1	0.0	38.1	0.1	35.5	121.0	206.5	119.5	119.1	206.5
695	2.1	68.4	74.9	64.7	64.6	65.9	7.70	7.18	7.65	36.12	36.27	253.2	0.0	36.9	0.1	34.4	120.5	208.5	119.2	118.4	208.5
696	2.1	67.9	73.9	64.6	64.6	65.8	7.31	6.81	7.31	34.97	35.24	255.6	0.1	35.8	0.0	33.4	120.3	210.5	119.0	118.1	210.5
697	2.1	67.5	73.1	64.5	64.4	65.8	6.90	6.44	6.90	33.75	33.95	255.1	0.0	34.7	0.0	32.2	121.5	215.0	120.1	119.7	215.0

SRL Single Tube Flow Instability Test # 2.1
Stainless Steel ID = 0.745"

1	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	PPO1	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
	PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
648	115.0	51.6	375.0	365.9	381.7	394.7	382.3	380.5	405.1	426.1	388.0	425.0	416.3	431.7	414.2	423.1	385.3	418.6	394.0	424.4
649	115.9	52.3	381.1	371.5	389.3	402.4	389.7	387.7	415.9	437.9	395.9	434.8	428.1	443.0	425.0	433.3	392.5	429.2	403.4	433.9
650	116.6	52.8	392.4	384.7	405.7	418.6	405.0	403.6	435.5	459.1	412.5	454.1	450.1	463.5	445.6	453.6	407.5	446.4	419.6	453.8
651	117.6	53.4	401.3	393.4	420.0	433.5	420.9	416.8	453.6	473.2	426.4	468.0	464.7	478.3	460.9	466.9	420.2	458.0	434.6	468.0
652	118.1	54.0	410.2	402.6	433.9	446.5	431.5	429.8	463.2	482.8	434.8	475.9	474.6	485.0	469.8	475.6	429.8	466.8	445.1	478.1
653	117.6	53.1	429.2	419.9	452.8	463.1	453.5	451.2	473.2	491.8	454.5	487.8	483.3	492.9	479.0	485.2	450.3	477.7	459.5	487.2
654	118.1	53.5	432.8	424.0	455.7	466.2	455.2	453.4	475.5	493.6	455.4	488.3	484.2	493.0	479.4	485.2	450.9	476.1	458.1	487.2
655	117.1	52.6	447.1	440.7	463.3	472.4	461.2	459.3	479.2	498.0	458.1	490.0	484.7	493.8	480.1	486.8	452.6	477.8	458.9	487.4
656	117.3	52.7	431.5	421.4	455.6	465.6	458.2	455.7	475.0	492.8	457.8	488.3	482.8	492.5	478.7	485.1	453.3	477.6	458.7	486.3
657	116.7	52.5	429.4	419.4	453.6	462.9	456.5	454.2	472.9	491.9	458.0	488.2	482.8	492.6	478.8	485.3	453.8	477.7	458.1	486.9
658	117.6	53.5	422.3	412.2	445.9	457.2	452.7	450.1	468.4	487.6	455.4	486.3	480.2	491.6	477.1	484.2	453.3	478.1	457.5	486.3
659	117.6	53.5	410.2	400.0	431.6	444.0	443.2	440.5	459.2	479.0	448.8	478.2	470.2	482.8	468.7	476.4	448.3	472.6	450.4	479.0
660	114.2	51.4	386.3	373.7	395.5	408.5	417.5	413.7	417.1	438.0	427.3	448.0	423.8	446.8	431.1	442.6	430.1	444.8	423.1	446.4
661	112.0	49.7	431.2	419.2	436.0	451.4	441.4	438.8	458.5	485.0	447.2	483.5	471.7	490.0	468.4	480.0	446.0	477.7	446.3	480.1
662	112.7	50.2	435.2	424.0	441.4	457.0	446.4	443.7	465.7	491.6	452.3	490.3	478.7	497.3	475.3	487.3	452.3	484.2	452.2	486.4
663	112.8	50.4	443.7	431.5	451.2	465.9	455.9	453.3	476.6	502.9	462.2	501.3	489.8	508.6	486.9	498.1	460.9	495.9	462.6	497.5
664	114.2	51.4	446.4	435.3	455.1	470.8	461.8	459.1	482.1	508.3	469.7	507.7	496.2	514.2	492.8	505.2	469.7	503.1	471.6	505.8
665	115.2	52.0	456.1	444.8	466.9	482.2	471.4	468.6	495.2	522.3	477.5	517.0	510.3	525.3	504.6	515.6	475.8	509.2	478.2	514.9
666	116.2	52.8	462.8	451.0	475.3	491.0	481.5	478.5	502.8	527.6	486.6	524.7	515.3	531.1	512.0	521.9	484.7	516.5	487.7	522.7
667	111.9	49.8	121.9	119.7	122.8	121.2	133.7	132.7	120.8	123.3	138.5	124.9	122.2	123.8	123.8	125.4	142.9	127.9	123.1	122.1
668	113.2	50.6	122.3	121.3	123.2	121.6	126.4	126.2	122.2	123.5	131.3	124.2	122.1	123.6	123.7	124.5	134.3	124.9	121.6	122.6
669	114.8	51.7	121.3	120.9	121.8	121.0	126.5	125.8	121.0	122.3	128.2	123.2	121.6	122.5	122.6	123.4	130.8	123.2	120.6	121.6
670	117.5	53.4	118.7	118.4	119.4	118.5	122.5	122.4	118.7	120.0	123.9	120.5	119.2	119.8	119.8	120.6	126.5	121.2	117.3	119.5
671	118.4	54.1	119.9	119.8	120.4	119.8	122.6	122.4	119.7	121.1	123.7	121.3	120.3	120.9	121.1	121.0	125.9	121.5	118.8	120.4
672	118.9	54.5	120.9	121.1	121.5	121.4	122.4	122.4	120.8	122.0	122.9	122.2	121.1	122.0	122.1	122.0	124.2	120.7	119.4	121.2
673	119.5	54.7	118.8	118.8	119.0	118.9	121.0	120.9	118.8	119.8	121.4	119.9	119.2	119.6	119.8	119.9	122.6	118.2	117.1	119.6
674	120.6	55.5	119.6	119.7	120.2	119.8	120.8	120.8	119.6	120.6	120.7	120.6	120.1	120.1	120.4	120.2	122.1	119.2	117.8	119.9
675	119.9	55.1	119.9	120.7	120.5	120.2	120.9	120.9	120.1	121.3	120.8	120.8	120.5	120.6	121.0	120.7	121.9	119.5	118.4	120.6
676	115.9	52.7	120.8	120.9	121.5	120.4	121.6	121.6	120.5	121.8	121.4	121.6	120.5	121.2	121.6	121.0	122.3	120.1	119.0	121.1
677	117.7	52.5	458.0	452.7	474.0	489.5	453.8	453.0	502.7	527.8	452.6	511.9	517.1	529.0	507.2	511.9	439.9	501.5	467.9	509.5
678	118.3	52.9	472.9	463.3	490.2	504.6	483.5	481.3	514.0	537.3	483.9	531.5	527.1	541.2	521.8	530.4	476.7	520.5	494.4	532.0
679	118.8	52.9	476.2	467.2	494.4	508.1	487.6	485.5	517.3	540.6	487.7	533.7	530.9	543.1	524.0	532.3	481.9	522.9	498.1	534.0
680	118.4	52.8	489.1	478.4	503.7	517.0	498.7	496.2	524.2	545.9	496.6	538.6	533.6	545.6	527.8	535.5	489.7	525.5	501.1	535.3
681	118.7	52.8	490.6	479.7	504.7	518.1	500.5	498.3	525.0	545.9	497.9	538.3	532.7	544.8	527.0	535.2	492.3	526.3	501.2	535.0
682	116.6	52.3	470.9	460.0	487.0	502.5	492.8	490.0	512.0	535.8	494.3	532.8	523.7	539.4	520.5	530.4	492.1	525.3	497.7	533.3
683	117.0	52.4	474.4	463.3	491.9	507.1	494.8	492.0	514.5	539.1	495.8	534.8	528.4	542.5	523.6	533.2	494.3	526.6	498.9	535.4
684	117.6	52.6	481.1	471.4	500.0	513.7	499.8	497.4	519.9	544.1	500.9	539.0	533.1	546.0	527.8	536.4	498.5	529.3	503.2	537.9
685	117.7	52.9	486.2	476.2	505.1	517.4	503.6	501.2	523.8	545.8	503.8	540.8	534.5	547.0	529.3	537.5	500.7	530.2	504.3	538.4
686	117.8	53.0	492.0	481.1	508.7	521.4	507.5	504.8	526.5	547.5	505.3	541.3	533.5	546.2	528.7	537.0	501.8	530.1	504.5	536.8
687	115.8	51.0	505.3	496.1	515.9	528.1	515.7	512.8	530.7	550.9	509.5	544.4	535.9	548.5	530.7	538.9	505.9	532.7	505.4	537.8
688	116.6	51.8	492.6	481.5	507.9	520.4	509.8	507.0	526.0	548.4	508.9	543.1	535.0	548.0	530.0	538.8	507.8	533.7	507.4	538.5
689	117.1	52.2	494.3	483.8	509.9	522.1	512.0	508.8	527.6	549.0	510.4	543.5	535.6	548.1	530.5	538.9	508.7	533.5	507.0	538.8
690	116.7	51.8	496.9	486.7	511.5	523.0	513.2	509.8	527.4	549.2	510.5	544.0	535.7	548.3	530.3	539.2	508.9	533.1	506.5	538.5
691	114.8	50.8	455.5	442.0	466.5	481.5	480.1	476.4	493.2	519.1	487.5	519.3	506.9	524.8	504.3	515.9	489.3	514.0	483.5	517.4
692	112.4	49.4	498.3	484.7	504.8	522.8	511.8	508.5	531.9	562.9	518.0	560.3	547.0	568.0	543.1	557.0	518.6	554.9	516.5	556.0
693	112.4	48.9	503.5	489.1	510.2	528.3	518.4	515.0	537.1	567.4	525.8	566.6	552.0	573.4	548.4	562.8	525.8	559.8	522.1	562.5
694	112.6	49.3	505.8	492.3	513.4	531.8	521.5	517.7	541.4	571.4	528.2	569.2	556.5	576.5	552.2	565.9	528.6	562.3	524.4	565.1
695	113.1	49.6	509.3	495.1	517.3	534.8	525.6	521.5	544.5	574.4	531.8	572.5	559.3	578.9	555.1	568.4	532.5	565.7	528.4	567.7
696	113.2	49.6	510.9	497.6	519.6	536.7	528.7	524.5	547.5	576.1	534.6	574.4	561.5	580.6	557.0	570.5	534.6	566.4	529.9	569.9
697	113.6	50.0	514.1	499.7	522.8	541.1	531.0	527.2	550.2	578.9	536.6	575.7	563.4	582.5	559.5	572.3	537.7	569.1	532.6	572.1

SRL Single Tube Flow Instability Test # 2.1
Stainless Steel ID = 0.745"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VOLTB	CURRT	HRATIO	TKW07N	BL	VTL	HL	YEAR	DAY	MIN											
	HFLX	VOLTT	QUALITY	DPP1	TKW01S	BL	ID	DPL	MONTH	HRS	RUN											
648	271.3	0.596	74.8	74.3	3651	-12.8	100.1	64.7	460.6	521.7	0	0	95.5	0.745	96.0	100.5	1989	1	24	21	6	648
649	271.2	0.596	75.0	74.4	3644	-11.9	99.3	64.8	472.0	535.5	0	0	95.5	0.745	96.0	100.5	1989	1	24	21	8	649
650	274.4	0.603	75.7	75.1	3652	-10.5	99.3	64.9	492.5	555.8	0	0	95.5	0.745	96.0	100.5	1989	1	24	21	10	650
651	273.2	0.601	75.8	75.2	3631	-8.8	99.3	65.5	507.4	570.1	0	0	95.5	0.745	96.0	100.5	1989	1	24	21	12	651
652	272.0	0.598	75.9	75.2	3615	-7.0	99.4	65.4	519.4	582.2	0	0	95.5	0.745	96.0	100.5	1989	1	24	21	14	652
653	272.4	0.599	76.0	75.5	3610	-5.0	99.9	65.5	528.8	583.9	0	0	95.5	0.745	96.0	100.5	1989	1	24	21	25	653
654	272.1	0.598	76.0	75.5	3604	-3.5	100.0	65.8	530.2	583.1	0	0	95.5	0.745	96.0	100.5	1989	1	24	21	27	654
655	271.4	0.597	76.1	75.5	3596	-2.2	99.2	65.7	530.6	582.2	0	0	95.5	0.745	96.0	100.5	1989	1	24	21	30	655
656	271.0	0.596	75.9	75.3	3599	-4.2	99.8	65.5	528.8	582.0	0	0	95.5	0.745	96.0	100.5	1989	1	24	21	36	656
657	270.6	0.595	75.8	75.2	3599	-4.7	99.5	65.3	527.4	582.1	0	0	95.5	0.745	96.0	100.5	1989	1	24	21	39	657
658	271.5	0.597	75.9	75.3	3608	-6.0	99.6	65.2	525.0	582.0	0	0	95.5	0.745	96.0	100.5	1989	1	24	21	42	658
659	271.7	0.597	75.7	75.1	3619	-8.0	99.5	65.0	512.4	572.5	0	0	95.5	0.745	96.0	100.5	1989	1	24	21	50	659
660	275.0	0.605	75.4	74.7	3680	-13.1	102.6	64.0	463.5	521.9	0	0	95.5	0.745	96.0	100.5	1989	1	24	21	52	660
661	362.4	0.797	87.2	86.6	4186	-12.7	101.3	63.3	527.6	602.7	0	0	95.5	0.745	96.0	100.5	1989	1	24	21	58	661
662	360.4	0.793	87.1	86.4	4171	-12.0	100.7	63.5	534.2	609.2	0	0	95.5	0.745	96.0	100.5	1989	1	24	22	0	662
663	364.0	0.800	87.7	87.0	4183	-11.5	100.7	63.7	544.7	620.3	0	0	95.5	0.745	96.0	100.5	1989	1	24	22	3	663
664	361.2	0.794	87.5	86.8	4162	-10.9	100.9	64.0	550.2	625.9	0	0	95.5	0.745	96.0	100.5	1989	1	24	22	7	664
665	364.3	0.801	88.1	87.4	4168	-9.6	99.8	64.2	565.4	641.1	0	0	95.5	0.745	96.0	100.5	1989	1	24	22	10	665
666	364.1	0.800	88.2	87.5	4162	-9.0	99.3	64.4	570.1	646.7	0	0	95.5	0.745	96.0	100.5	1989	1	24	22	13	666
667	0.0	0.000	0.0	0.2	9	0.0	0.0	63.3	121.8	120.3	0	0	95.5	0.745	96.0	100.5	1989	1	24	22	31	667
668	0.0	0.000	0.0	0.1	8	0.0	0.0	63.9	122.4	121.3	0	0	95.5	0.745	96.0	100.5	1989	1	24	22	40	668
669	0.0	0.000	0.0	0.1	8	0.0	0.0	64.1	122.0	121.0	0	0	95.5	0.745	96.0	100.5	1989	1	24	22	43	669
670	0.0	0.000	0.0	0.1	9	0.0	0.0	65.0	120.6	119.7	0	0	95.5	0.745	96.0	100.5	1989	1	24	22	47	670
671	0.0	0.000	0.1	0.1	9	0.0	0.0	65.2	122.0	121.0	0	0	95.5	0.745	96.0	100.5	1989	1	24	22	49	671
672	0.0	0.000	0.1	0.2	8	0.0	0.0	65.6	122.0	121.5	0	0	95.5	0.745	96.0	100.5	1989	1	24	22	56	672
673	0.0	0.000	0.0	0.1	8	0.0	0.0	65.8	120.6	120.2	0	0	95.5	0.745	96.0	100.5	1989	1	24	22	58	673
674	0.0	0.000	0.2	0.1	7	0.0	0.0	65.9	121.6	121.0	0	0	95.5	0.745	96.0	100.5	1989	1	24	23	0	674
675	0.0	0.000	0.0	0.1	9	0.0	0.0	65.9	122.3	121.8	0	0	95.5	0.745	96.0	100.5	1989	1	24	23	1	675
676	0.0	0.000	0.0	0.1	8	0.0	0.0	64.3	121.0	120.8	0	0	95.5	0.745	96.0	100.5	1989	1	24	23	4	676
677	360.9	0.793	88.0	87.2	4137	-10.0	99.3	66.2	574.3	652.9	0	0	95.5	0.745	96.0	100.5	1989	1	24	23	28	677
678	362.2	0.796	88.2	87.5	4139	-8.7	99.3	66.7	584.6	658.4	0	0	95.5	0.745	96.0	100.5	1989	1	24	23	34	678
679	361.9	0.796	88.3	87.6	4131	-7.4	100.1	66.9	590.0	660.1	0	0	95.5	0.745	96.0	100.5	1989	1	24	23	36	679
680	362.6	0.797	88.4	87.7	4134	-6.0	100.4	66.9	592.6	658.9	0	0	95.5	0.745	96.0	100.5	1989	1	24	23	40	680
681	360.3	0.792	88.2	87.5	4117	-4.5	100.1	66.9	591.2	655.6	0	0	95.5	0.745	96.0	100.5	1989	1	24	23	42	681
682	365.6	0.804	88.5	87.8	4164	-8.0	99.7	65.6	580.6	654.9	0	0	95.5	0.745	96.0	100.5	1989	1	24	23	56	682
683	365.6	0.804	88.6	87.9	4159	-8.8	99.3	65.8	587.3	659.4	0	0	95.5	0.745	96.0	100.5	1989	1	24	23	58	683
684	364.5	0.801	88.6	87.9	4146	-5.6	99.0	66.0	592.1	660.7	0	0	95.5	0.745	96.0	100.5	1989	1	25	0	0	684
685	362.9	0.798	88.5	87.7	4137	-4.7	99.4	66.0	593.0	658.6	0	0	95.5	0.745	96.0	100.5	1989	1	25	0	2	685
686	361.0	0.794	88.3	87.6	4123	-3.9	99.5	66.1	591.9	655.3	0	0	95.5	0.745	96.0	100.5	1989	1	25	0	4	686
687	365.9	0.804	88.9	88.2	4146	-2.9	99.9	66.0	594.3	657.2	0	0	95.5	0.745	96.0	100.5	1989	1	25	0	16	687
688	364.9	0.802	88.7	88.0	4148	-4.8	99.3	65.9	592.7	658.0	0	0	95.5	0.745	96.0	100.5	1989	1	25	0	28	688
689	364.3	0.801	88.7	88.0	4142	-4.3	100.1	65.9	593.5	657.0	0	0	95.5	0.745	96.0	100.5	1989	1	25	0	33	689
690	365.0	0.803	88.8	88.0	4146	-4.1	99.5	66.0	594.1	656.6	0	0	95.5	0.745	96.0	100.5	1989	1	25	0	37	690
691	363.0	0.798	87.8	87.1	4165	-10.2	100.8	64.8	559.0	632.4	0	0	95.5	0.745	96.0	100.5	1989	1	25	0	43	691
692	451.5	0.993	98.6	97.7	4621	-10.9	101.1	64.1	614.1	698.2	0	0	95.5	0.745	96.0	100.5	1989	1	25	0	50	692
693	455.1	1.001	99.1	98.2	4634	-10.6	101.0	64.4	619.2	704.3	0	0	95.5	0.745	96.0	100.5	1989	1	25	0	54	693
694	456.6	1.004	99.2	98.5	4637	-10.2	100.9	64.7	623.7	709.0	0	0	95.5	0.745	96.0	100.5	1989	1	25	0	56	694
695	455.6	1.002	99.2	98.4	4631	-10.0	100.9	64.7	625.6	710.4	0	0	95.5	0.745	96.0	100.5	1989	1	25	0	58	695
696	454.9	1.000	99.2	98.3	4626	-9.8	100.6	64.5	627.4	711.4	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	1	696
697	455.0	1.000	99.2	98.4	4623	-9.3	100.5	64.7	631.2	715.0	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	2	697

SRL Single Tube Flow Instability Test # 2.1
Stainless Steel ID = 0.745"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
RUN	PT1	PTO1	PTO3	DPT2	FT1	FB1	FMO1	OT1	TRTO1	TJT12											
TEST	PT12	PTO2	DPT1	DPT3	FT12	FXO2	FMO2	TRT11	TJT11	TRT02											
696	2.1	67.1	72.2	64.6	64.5	65.8	6.40	5.94	6.44	32.21	32.37	256.1	0.0	33.2	0.0	30.7	120.6	218.0	118.8	118.5	218.0
699	2.1	66.7	71.1	64.5	64.5	65.8	5.85	5.50	5.83	30.39	30.27	256.4	0.0	31.0	0.1	28.8	120.3	224.0	118.8	118.6	224.0
700	2.1	66.2	70.1	64.6	64.6	65.9	5.42	5.09	5.39	28.34	28.34	256.7	0.0	29.3	0.0	27.0	120.7	230.6	118.7	118.8	230.6
701	2.1	65.7	69.4	64.6	64.7	65.8	5.11	4.82	5.09	27.39	27.14	257.3	0.0	28.4	0.0	26.0	120.2	235.5	118.6	118.2	235.5
702	2.1	66.2	69.3	64.9	64.7	66.0	4.90	4.60	4.87	26.25	26.04	256.3	0.0	27.0	0.1	24.9	121.3	241.5	119.2	118.9	241.5
703	2.1	65.2	68.5	64.8	64.7	66.0	4.63	4.40	4.64	24.85	24.86	256.9	0.1	25.9	0.1	23.8	120.3	246.0	118.5	118.0	246.0
704	2.1	65.9	68.5	64.9	64.8	66.1	4.58	4.34	4.53	23.65	23.65	256.8	0.0	26.2	0.1	22.7	121.9	254.0	120.2	120.2	254.0
705	2.1	66.1	68.4	65.0	64.9	66.5	4.67	4.46	4.62	22.54	22.51	256.8	0.0	24.1	0.1	21.6	121.3	259.6	119.5	119.4	259.5
706	2.1	66.2	68.5	64.7	64.9	66.8	5.25	5.19	5.15	21.24	21.18	259.3	0.0	22.7	0.1	20.2	120.5	267.8	118.8	118.5	267.8
707	2.1	66.1	68.2	64.6	64.7	66.2	4.79	4.68	4.82	22.10	21.82	259.4	0.0	23.5	0.1	21.0	120.3	263.0	119.0	118.8	263.0
708	2.1	65.3	67.9	64.7	64.7	66.1	4.60	4.55	4.63	23.13	22.91	256.5	0.1	24.7	0.1	22.1	121.2	257.8	119.6	119.5	257.6
709	2.1	65.9	68.0	64.6	64.5	65.7	4.58	4.35	4.59	23.90	23.91	256.4	0.0	25.8	0.1	23.0	121.9	253.0	120.1	120.2	253.0
710	2.1	65.4	68.3	64.6	64.6	65.9	4.60	4.39	4.59	24.27	24.30	259.0	0.0	25.3	0.1	23.3	121.5	250.0	119.1	119.8	250.0
711	2.1	67.2	71.7	65.0	64.8	66.2	6.01	5.83	5.99	30.45	30.68	257.6	0.0	31.4	0.1	29.2	121.8	224.5	120.4	119.9	224.4
712	2.1	70.5	79.6	64.6	64.4	65.6	10.12	9.34	10.17	42.23	42.86	252.9	0.0	43.4	0.1	40.2	120.5	196.0	118.7	119.0	196.0
713	2.1	70.7	79.8	64.8	64.5	65.9	9.95	9.20	9.99	42.31	42.44	252.9	0.0	42.5	0.0	40.0	77.3	153.0	76.9	75.7	153.0
714	2.1	69.3	77.0	64.9	64.6	65.4	8.47	7.85	8.49	38.79	39.04	252.8	0.0	39.2	0.1	36.7	77.5	159.0	76.8	76.5	159.0
715	2.1	67.9	74.3	64.7	64.5	65.7	7.19	6.68	7.20	35.73	35.54	254.6	0.0	35.7	0.0	33.8	77.2	166.0	76.3	75.6	166.0
716	2.1	66.8	72.0	64.5	64.4	65.8	6.09	5.66	6.11	32.48	32.42	255.8	0.0	32.7	0.0	30.8	76.6	173.8	75.1	75.5	174.0
717	2.1	65.7	69.7	64.8	64.7	65.9	4.85	4.52	4.86	28.54	28.12	256.8	0.0	29.3	0.0	26.9	76.1	187.4	75.5	74.3	187.5
718	2.1	65.0	67.7	64.7	64.7	66.0	3.90	3.67	3.87	24.04	23.91	256.8	0.0	25.3	0.1	22.9	76.6	207.5	75.4	75.4	207.5
719	2.1	64.3	66.5	64.8	64.7	66.0	3.31	3.15	3.29	21.43	20.66	259.1	0.0	22.2	0.0	19.9	76.7	226.5	75.2	75.5	226.5
720	2.1	64.6	66.2	64.9	64.8	66.2	3.09	2.95	3.08	19.16	18.96	259.1	0.0	20.4	0.1	18.2	76.7	240.5	75.3	75.5	240.5
721	2.1	64.7	65.8	64.8	64.8	66.2	3.21	3.07	3.13	17.76	17.69	260.0	0.0	19.9	0.1	16.9	76.6	252.3	75.5	75.8	252.3
722	2.1	65.0	65.9	64.7	64.7	66.0	3.49	3.73	3.43	17.28	16.98	260.5	0.0	19.5	0.1	16.1	76.5	256.5	75.2	75.3	256.5
723	2.1	63.8	65.8	64.5	64.7	65.8	3.28	3.11	3.18	18.58	17.74	260.3	0.0	20.3	0.1	17.0	76.5	252.0	75.3	75.7	252.0
724	2.1	64.0	65.9	64.6	64.6	65.8	3.10	2.79	3.06	18.33	18.28	259.8	0.0	20.0	0.0	17.6	76.4	246.5	75.1	75.5	246.5
725	2.1	64.3	65.9	64.6	64.6	65.5	3.16	3.05	3.17	20.19	19.62	259.5	0.0	21.1	0.0	18.8	76.4	235.4	75.4	75.0	235.5
726	2.1	64.4	66.7	64.5	64.5	65.6	3.52	3.36	3.51	22.11	21.90	258.1	0.0	22.8	0.1	21.0	76.5	219.1	74.9	75.4	219.0
727	2.1	65.4	68.8	64.8	64.6	65.8	4.38	4.15	4.36	26.07	26.00	257.9	0.0	26.8	0.1	24.8	77.0	198.0	76.1	75.8	198.0
728	2.1	66.4	70.8	65.0	64.7	65.8	5.29	4.90	5.27	29.79	29.67	255.4	0.0	30.7	0.1	28.3	77.7	184.5	76.6	76.6	184.5
729	2.1	40.0	47.6	34.4	34.5	34.6	9.61	8.97	9.60	39.35	39.82	254.1	0.0	39.7	4.0	37.7	120.5	152.8	119.4	118.6	152.8
730	2.1	38.9	45.3	34.8	34.7	35.0	8.13	7.83	8.07	36.20	36.31	253.7	0.0	36.1	3.5	34.4	121.5	157.0	120.0	119.7	157.0
731	2.1	37.6	43.0	34.9	34.7	34.7	6.83	6.39	6.86	32.72	32.97	257.3	0.0	32.9	3.0	31.3	120.3	156.5	118.2	118.5	156.5
732	2.1	36.2	40.1	34.6	34.6	34.8	5.41	5.08	5.40	28.90	29.00	257.9	0.0	29.0	1.8	27.7	121.4	165.0	119.7	119.6	165.0
733	2.1	35.3	38.2	34.7	34.7	35.0	4.30	4.01	4.29	25.45	25.44	259.3	0.0	25.3	0.1	24.4	121.5	171.0	119.8	119.9	171.0
734	2.1	38.8	45.1	34.8	34.7	35.3	8.02	7.49	8.01	35.95	36.14	254.9	0.0	35.9	3.5	34.2	121.9	157.5	120.2	120.2	157.5
735	2.1	35.4	38.2	34.9	34.8	35.4	4.23	4.03	4.25	25.39	25.26	258.3	0.0	25.2	1.9	24.3	120.0	170.4	118.8	118.6	170.3
736	2.1	34.3	36.1	34.7	34.7	35.2	3.13	2.97	3.11	21.49	21.46	260.1	0.0	21.0	0.0	20.8	121.7	180.0	120.3	120.1	180.0
737	2.1	33.7	34.8	34.9	34.8	35.4	2.39	2.28	2.36	18.60	18.40	261.4	0.0	18.1	0.0	17.7	121.4	190.0	120.6	119.7	190.0
738	2.1	33.1	33.8	34.8	34.7	35.3	1.87	1.79	1.84	15.97	15.97	260.9	0.0	15.2	0.0	15.3	121.0	199.5	119.3	119.7	199.5
739	2.1	32.7	32.9	34.8	34.7	35.3	1.42	1.36	1.41	13.24	13.06	262.5	0.0	14.2	0.6	12.6	121.8	217.1	121.2	120.0	217.0
740	2.1	32.3	32.4	34.6	34.7	34.9	1.26	1.22	1.32	11.27	11.48	262.6	0.0	10.6	0.0	11.0	121.5	229.9	120.3	119.3	229.7
741	2.1	33.3	33.2	35.4	35.4	35.6	1.44	1.39	1.43	10.74	10.94	263.6	0.0	10.5	0.0	10.6	120.0	235.5	118.6	118.6	235.5
742	2.1	33.6	33.4	35.2	35.0	35.7	1.94	1.86	1.93	10.45	10.30	263.0	0.0	10.8	0.0	9.9	120.4	243.0	118.8	118.5	243.0
743	2.1	32.5	32.5	34.9	34.8	35.0	1.35	1.28	1.34	11.97	11.90	262.1	0.0	11.5	0.0	11.4	120.3	225.8	118.9	117.3	225.8
744	2.1	32.4	32.6	34.7	34.7	35.0	1.37	1.34	1.40	12.40	12.49	262.6	0.0	12.4	0.0	12.1	121.0	220.7	118.8	118.4	220.6
745	2.1	32.6	33.1	34.5	34.5	35.0	1.69	1.62	1.68	14.66	14.80	262.6	0.0	12.6	0.0	14.1	121.3	206.6	120.0	120.0	206.6
746	2.1	40.9	49.7	34.7	34.5	35.0	10.53	9.80	10.53	42.27	42.78	254.1	0.0	42.9	0.0	40.1	121.9	167.0	120.2	120.5	167.0
747	2.1	39.7	47.2	34.9	34.6	35.2	9.02	8.45	9.04	38.92	39.34	253.7	0.0	39.5	0.0	36.9	120.6	169.5	119.3	119.0	169.5

SRL Single Tube Flow Instability Test # 2.1

Stainless Steel ID = 0.745"

1	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	PP01	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
	PPH	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
698	114.0	50.3	517.6	503.7	526.5	544.5	534.6	530.6	553.4	581.3	536.8	578.4	566.0	584.6	562.3	574.8	539.2	571.8	535.5	574.6
699	114.6	50.8	523.3	508.1	533.0	549.8	540.6	536.7	556.5	584.6	543.2	582.2	569.3	588.4	566.4	578.6	543.3	574.4	539.0	579.7
700	115.0	51.2	528.2	513.1	538.4	555.9	544.6	540.2	560.0	587.5	546.2	585.7	573.2	591.9	569.6	581.8	546.8	578.2	543.0	582.8
701	115.5	51.2	533.9	520.4	544.1	560.2	549.2	545.0	563.8	591.8	551.2	589.7	577.8	595.4	573.5	585.7	552.5	581.9	548.5	586.4
702	115.7	51.7	537.7	522.6	547.5	563.7	550.9	546.7	566.2	593.4	552.5	590.9	579.5	596.3	574.9	586.7	554.0	581.5	548.7	586.9
703	115.9	51.7	543.9	529.3	552.2	567.1	555.1	551.0	570.4	596.8	555.5	593.2	582.2	598.4	577.4	588.3	555.0	582.9	549.8	587.9
704	116.2	51.8	548.9	534.0	555.9	570.3	557.5	554.6	572.9	598.6	557.5	593.8	582.3	598.5	577.1	588.5	556.9	584.0	550.3	587.3
705	117.0	52.2	551.6	537.9	557.8	572.7	559.3	556.0	574.6	599.7	557.4	594.1	582.8	598.6	577.3	588.5	558.5	585.3	551.3	586.3
706	117.2	52.7	554.5	541.4	560.2	575.4	562.0	558.2	575.9	600.2	557.8	594.3	583.4	598.9	577.4	588.5	557.7	582.8	548.6	585.8
707	116.0	51.8	554.8	541.2	560.0	574.6	563.6	559.9	575.4	600.7	558.5	594.5	582.7	598.4	577.4	588.3	558.1	582.9	549.3	585.9
708	115.6	51.6	552.1	537.8	557.4	571.8	561.6	558.0	573.9	599.5	558.0	593.9	582.7	598.4	577.1	588.5	559.1	584.1	549.8	586.1
709	115.5	51.2	548.8	533.7	554.6	570.3	559.9	556.1	572.2	597.8	557.9	593.6	582.8	598.1	576.9	588.4	558.6	583.0	548.4	586.4
710	115.5	51.5	547.3	531.9	553.9	569.3	559.0	555.2	571.7	597.2	557.7	593.8	582.0	597.9	577.0	588.1	560.1	584.5	550.8	586.5
711	114.4	50.7	527.5	510.4	535.5	552.4	548.7	544.9	558.4	585.4	550.5	586.2	570.9	590.6	568.8	582.2	555.2	579.9	544.0	582.7
712	110.6	47.6	502.9	486.3	507.0	525.6	526.0	521.1	531.4	561.7	533.0	565.5	545.5	568.6	545.2	561.3	539.6	561.7	525.1	562.9
713	110.9	47.4	483.2	467.5	480.5	498.9	492.6	488.6	501.8	532.0	500.1	534.4	514.7	539.0	513.4	528.6	506.3	531.9	490.3	529.7
714	111.9	48.1	487.9	472.1	484.9	503.3	493.7	490.0	508.8	538.9	501.5	539.6	523.0	545.8	519.8	534.7	505.2	536.4	494.8	535.0
715	113.2	49.2	493.8	479.5	493.2	511.4	500.1	496.5	518.5	550.0	508.0	548.5	533.6	556.1	529.7	544.1	510.9	544.8	501.7	543.6
716	114.2	50.0	501.7	486.0	500.4	518.7	506.0	502.7	527.5	559.1	513.8	555.6	544.2	564.7	538.6	552.7	517.6	552.9	510.0	551.8
717	115.8	51.1	514.8	499.9	516.5	534.8	522.1	518.1	543.5	573.2	528.9	570.5	558.9	577.9	554.6	566.4	529.3	564.1	524.8	566.2
718	117.2	52.0	526.8	511.2	532.0	548.9	533.6	530.0	555.5	583.4	537.2	579.4	571.5	587.8	565.2	576.7	537.4	572.5	533.9	576.5
719	117.8	52.6	538.6	523.7	545.4	561.6	543.0	539.8	565.4	593.3	544.8	587.5	580.0	595.2	573.0	583.8	545.7	578.2	542.2	583.1
720	118.1	53.0	545.6	531.7	551.2	566.0	548.6	545.8	570.2	596.7	549.2	590.1	582.1	596.9	575.3	585.9	549.2	580.7	546.0	584.7
721	118.1	52.9	552.7	540.0	556.8	571.2	555.5	552.7	574.5	599.1	552.3	592.0	583.3	598.1	576.6	587.1	550.6	579.5	545.3	585.4
722	117.9	52.7	554.6	543.3	558.7	573.5	559.9	556.9	575.7	600.1	554.3	593.0	582.7	598.1	576.7	587.3	552.7	581.9	547.2	584.9
723	117.5	52.4	556.3	545.6	558.1	573.6	560.8	556.9	575.5	600.1	555.1	593.3	583.4	598.6	577.2	588.1	554.0	582.3	548.0	585.8
724	117.2	52.3	553.8	543.0	556.1	570.7	558.9	555.3	573.7	598.9	555.0	593.2	582.9	598.3	576.7	587.9	553.7	581.0	547.0	585.9
725	117.0	51.9	549.5	536.5	553.0	568.4	557.2	553.9	571.7	597.7	554.9	593.0	582.7	598.4	577.1	587.7	554.2	582.1	547.8	586.6
726	116.5	51.8	543.5	529.1	548.0	563.6	554.0	550.3	567.1	593.8	554.2	591.8	579.1	597.5	575.7	587.2	554.8	582.8	548.8	586.0
727	116.2	51.7	529.2	513.3	532.7	550.0	544.6	540.3	556.1	583.8	546.6	583.9	568.6	588.7	566.4	579.7	549.4	577.9	542.5	580.1
728	115.6	51.2	516.2	501.5	520.1	538.5	535.9	530.6	546.4	575.1	540.1	576.8	559.7	581.6	558.6	572.3	544.0	570.2	533.8	573.5
729	82.1	21.3	283.1	271.8	285.5	295.4	282.1	280.9	297.5	312.9	282.3	310.4	305.3	314.2	302.4	308.0	280.4	306.9	290.1	306.5
730	83.8	22.7	289.4	278.2	293.7	303.0	291.9	290.2	306.6	322.5	293.2	320.2	314.1	324.0	311.9	317.5	291.5	318.0	299.4	315.5
731	84.1	22.9	290.7	279.1	294.9	304.4	293.7	292.7	309.0	325.0	296.1	323.2	317.5	327.3	314.8	320.4	294.4	320.9	302.4	319.2
732	85.3	24.0	298.5	286.6	304.5	314.2	303.8	302.4	320.9	337.1	307.0	335.5	329.8	340.0	327.4	333.2	305.3	333.3	313.7	330.6
733	86.3	24.8	302.3	291.5	311.7	320.7	311.5	309.6	330.0	346.2	315.8	345.0	339.9	349.8	336.8	343.1	314.6	343.3	322.9	340.1
734	84.1	20.1	288.7	277.4	292.5	302.2	287.5	286.6	305.8	321.5	287.9	318.5	314.5	323.3	310.9	316.8	286.2	315.5	297.1	314.8
735	87.1	22.1	303.5	292.4	312.1	321.7	310.0	308.5	330.6	347.0	313.5	345.7	340.7	350.9	337.7	343.7	311.7	343.2	322.8	340.4
736	88.1	22.6	312.4	301.6	323.2	332.9	326.2	325.0	344.5	361.5	333.6	362.2	358.2	367.1	354.1	360.9	333.7	361.5	340.4	360.5
737	88.7	23.1	319.5	307.5	334.9	343.6	336.2	335.1	360.2	378.7	344.6	377.1	374.0	384.0	369.7	376.3	344.3	376.2	352.4	373.1
738	89.1	23.3	327.7	317.2	345.1	355.0	351.9	349.5	374.6	392.9	363.6	394.5	388.3	400.2	386.7	393.1	364.1	393.4	370.5	391.8
739	89.2	23.2	339.1	326.8	362.6	371.3	366.9	364.8	392.2	404.9	373.7	403.2	401.8	407.2	397.5	402.2	372.3	398.6	381.3	399.1
740	88.9	22.6	348.4	334.3	373.3	382.5	373.9	371.8	394.3	407.8	375.9	403.6	403.0	407.1	398.2	402.4	373.8	398.1	382.8	400.7
741	89.1	23.0	351.1	338.0	377.3	386.1	377.1	374.9	395.5	409.4	377.2	404.9	404.2	408.0	399.1	403.6	374.8	398.2	382.4	401.4
742	87.1	21.1	364.0	349.5	381.7	389.9	381.2	378.5	397.6	410.7	379.1	406.1	403.4	408.5	400.1	403.9	376.7	400.1	382.6	401.6
743	87.5	21.5	344.6	331.2	369.8	378.7	373.0	371.0	391.2	406.3	377.7	403.7	401.6	407.1	398.2	402.8	377.1	400.2	383.0	401.3
744	86.9	21.2	342.5	331.3	365.8	375.5	371.5	369.3	388.2	402.7	376.8	402.2	399.8	405.6	396.4	401.5	376.8	399.1	381.3	400.5
745	86.6	21.0	336.7	327.4	357.3	367.1	368.0	365.2	381.4	396.1	374.8	398.6	391.5	401.5	391.9	397.5	375.0	396.8	379.0	398.1
746	81.1	17.8	358.0	344.5	362.0	374.7	367.4	364.8	378.5	398.8	372.3	399.5	387.4	402.9	386.2	395.9	372.8	398.4	371.5	396.4
747	82.5	18.8	359.8	344.7	364.7	376.3	367.8	365.8	381.8	403.0	372.0	401.4	392.8	406.1	389.1	396.2	372.9	399.7	373.7	396.4

SRL Single Tube Flow Instability Test # 2.1
Stainless Steel ID = 0.745"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VOLT	CURRT	HRATIO	TKW07N	BL	VTL	HL	YEAR	DAY	MIN											
	HFLX	VOLT	QUALITY	DPP1	TKW01S	BL	ID	DPL	MONTH	HRS	RUN											
698	453.4	0.997	99.0	98.3	4612	-8.9	100.4	64.9	634.2	716.7	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	4	698
699	452.5	0.995	99.1	98.3	4605	-8.2	100.0	65.1	638.1	720.6	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	8	699
700	452.2	0.994	99.2	98.4	4595	-7.4	99.4	65.0	644.0	724.8	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	10	700
701	453.4	0.997	99.3	98.6	4598	-6.9	99.7	65.3	647.7	726.7	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	15	701
702	451.8	0.993	99.3	98.4	4590	-6.3	99.9	65.3	651.0	726.7	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	16	702
703	453.9	0.998	99.5	98.8	4597	-5.7	99.5	65.4	653.8	727.5	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	21	703
704	453.2	0.996	99.5	98.8	4589	-4.9	99.7	65.6	654.2	728.3	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	24	704
705	453.8	0.998	99.6	98.8	4595	-4.2	99.2	65.4	654.5	725.1	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	26	705
706	453.4	0.997	99.7	98.8	4588	-3.3	99.5	65.7	653.8	724.5	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	28	706
707	453.6	0.997	99.6	98.8	4591	-3.8	99.3	65.5	653.7	724.1	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	30	707
708	453.7	0.997	99.7	98.7	4597	-4.4	99.5	65.5	653.4	723.7	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	33	708
709	453.5	0.997	99.6	98.7	4593	-5.0	99.8	65.6	653.4	725.1	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	35	709
710	451.9	0.994	99.4	98.5	4586	-5.3	99.7	65.3	652.5	723.9	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	38	710
711	453.6	0.997	99.3	98.4	4607	-8.2	100.1	64.8	639.9	719.7	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	41	711
712	457.5	1.006	99.0	98.2	4658	-11.5	101.8	64.1	612.4	694.2	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	43	712
713	457.4	1.006	98.6	97.7	4681	-16.2	101.6	64.7	582.7	685.4	0	0	95.5	0.745	96.0	100.5	1989	1	25	1	54	713
714	455.9	1.002	98.5	97.7	4665	-15.5	101.1	64.9	591.3	674.9	0	0	95.5	0.745	96.0	100.5	1989	1	25	2	1	714
715	455.9	1.003	98.7	97.9	4655	-14.7	100.5	65.2	600.9	684.6	0	0	95.5	0.745	96.0	100.5	1989	1	25	2	3	715
716	454.3	0.999	98.7	97.9	4639	-13.8	100.5	65.4	609.8	694.0	0	0	95.5	0.745	96.0	100.5	1989	1	25	2	5	716
717	454.0	0.998	99.1	98.3	4621	-12.3	100.0	65.7	624.5	706.8	0	0	95.5	0.745	96.0	100.5	1989	1	25	2	7	717
718	455.2	1.001	99.5	98.6	4616	-10.0	99.7	66.1	641.3	722.4	0	0	95.5	0.745	96.0	100.5	1989	1	25	2	9	718
719	452.8	0.998	99.3	98.5	4595	-7.8	99.4	66.2	651.0	725.2	0	0	95.5	0.745	96.0	100.5	1989	1	25	2	11	719
720	453.2	0.997	99.5	98.7	4593	-6.4	99.6	66.3	654.5	725.6	0	0	95.5	0.745	96.0	100.5	1989	1	25	2	12	720
721	453.8	0.998	99.6	98.8	4592	-5.0	99.7	66.5	654.7	724.4	0	0	95.5	0.745	96.0	100.5	1989	1	25	2	14	721
722	454.0	0.998	99.7	98.9	4591	-4.2	99.1	66.5	654.4	723.1	0	0	95.5	0.745	96.0	100.5	1989	1	25	2	17	722
723	456.2	1.003	99.8	99.1	4602	-5.0	99.4	66.4	655.2	724.7	0	0	95.5	0.745	96.0	100.5	1989	1	25	2	19	723
724	454.1	0.999	99.7	98.8	4595	-5.6	99.5	66.2	654.2	723.7	0	0	95.5	0.745	96.0	100.5	1989	1	25	2	21	724
725	454.5	0.999	99.7	98.9	4598	-6.9	99.8	66.2	653.2	724.3	0	0	95.5	0.745	96.0	100.5	1989	1	25	2	23	725
726	455.2	1.001	99.5	98.8	4609	-8.7	99.7	65.8	648.3	723.7	0	0	95.5	0.745	96.0	100.5	1989	1	25	2	25	726
727	455.8	1.002	99.5	98.5	4626	-11.1	100.0	65.5	634.8	715.6	0	0	95.5	0.745	96.0	100.5	1989	1	25	2	27	727
728	458.0	1.007	99.4	98.6	4647	-12.7	100.3	65.5	624.8	706.4	0	0	95.5	0.745	96.0	100.5	1989	1	25	2	29	728
729	181.9	0.400	60.1	59.7	3049	-11.3	101.4	61.6	339.2	380.2	0	0	95.5	0.745	96.0	100.5	1989	1	26	14	26	729
730	181.4	0.399	60.2	59.6	3045	-11.0	101.8	62.2	346.2	386.9	0	0	95.5	0.745	96.0	100.5	1989	1	26	14	32	730
731	180.4	0.397	60.1	59.5	3030	-10.8	100.3	62.1	350.3	390.8	0	0	95.5	0.745	96.0	100.5	1989	1	26	14	34	731
732	182.3	0.401	60.4	60.0	3038	-10.0	99.8	62.3	362.2	404.6	0	0	95.5	0.745	96.0	100.5	1989	1	26	14	38	732
733	181.1	0.398	60.4	59.9	3022	-9.4	100.0	62.5	372.2	414.2	0	0	95.5	0.745	96.0	100.5	1989	1	26	14	41	733
734	183.1	0.403	60.4	60.0	3055	-10.9	101.0	65.1	348.2	389.7	0	0	95.5	0.745	96.0	100.5	1989	1	31	13	53	734
735	182.7	0.402	60.7	60.2	3038	-9.5	99.9	65.7	373.2	415.9	0	0	95.5	0.745	96.0	100.5	1989	1	31	13	59	735
736	180.5	0.397	60.4	60.0	3009	-8.4	99.8	66.1	387.3	430.2	0	0	95.5	0.745	96.0	100.5	1989	1	31	14	10	736
737	182.8	0.402	61.1	60.6	3018	-7.4	99.3	66.1	405.8	450.3	0	0	95.5	0.745	96.0	100.5	1989	1	31	14	13	737
738	181.7	0.400	61.1	60.5	3002	-6.3	99.2	66.5	420.6	459.8	0	0	95.5	0.745	96.0	100.5	1989	1	31	14	20	738
739	180.9	0.398	61.1	60.6	2984	-4.4	99.1	66.7	431.8	469.4	0	0	95.5	0.745	96.0	100.5	1989	1	31	14	22	739
740	180.5	0.397	61.1	60.6	2977	-3.0	99.5	66.7	434.3	467.3	0	0	95.5	0.745	96.0	100.5	1989	1	31	14	24	740
741	183.6	0.404	61.7	61.2	3001	-2.5	99.3	66.7	437.2	469.9	0	0	95.5	0.745	96.0	100.5	1989	1	31	14	27	741
742	182.9	0.402	61.6	61.2	2991	-1.8	99.8	66.8	435.7	468.3	0	0	95.5	0.745	96.0	100.5	1989	1	31	14	30	742
743	181.9	0.400	61.3	60.8	2991	-3.5	99.6	66.7	433.9	468.4	0	0	95.5	0.745	96.0	100.5	1989	1	31	14	39	743
744	181.8	0.400	61.3	60.8	2990	-4.0	98.8	66.3	431.0	467.7	0	0	95.5	0.745	96.0	100.5	1989	1	31	14	41	744
745	181.2	0.399	61.1	60.5	2994	-5.6	100.3	66.2	420.2	462.0	0	0	95.5	0.745	96.0	100.5	1989	1	31	14	43	745
746	272.0	0.598	74.6	74.0	3678	-9.9	101.9	64.0	431.8	485.5	0	0	95.5	0.745	96.0	100.5	1989	1	31	14	53	746
747	272.0	0.598	74.7	74.1	3673	-9.7	101.7	64.3	436.9	491.9	0	0	95.5	0.745	96.0	100.5	1989	1	31	14	55	747

AIM

Association for Information and Image Management

1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910
301/587-8202

Centimeter

Inches

MANUFACTURED TO AIM STANDARDS
BY APPLIED IMAGE, INC.

2 of 2

SRL Single Tube Flow Instability Test # 2.1

Stainless Steel ID = 0.745"

1	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	PPO1	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
	PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
748	83.4	19.7	367.4	352.7	373.2	385.4	377.0	374.8	391.9	413.8	382.4	412.9	403.1	417.7	400.6	409.6	382.8	411.8	384.2	407.0
749	84.2	20.3	369.6	354.8	376.8	389.4	380.6	378.0	397.0	418.9	386.1	418.1	408.8	423.1	405.8	414.8	386.4	416.6	388.2	411.4
750	85.1	20.9	374.6	358.6	382.5	395.0	386.2	383.7	404.5	426.6	392.3	425.3	416.7	431.2	413.6	422.7	393.0	423.7	394.7	418.6
751	86.5	21.8	382.4	364.2	393.4	405.2	394.0	392.1	416.9	439.7	399.5	435.0	432.6	442.4	425.3	434.2	400.0	433.0	404.3	428.8
752	87.5	22.3	389.0	373.5	402.5	415.2	406.7	404.0	426.6	447.4	412.3	445.9	439.8	451.3	436.0	444.5	412.3	443.6	416.9	440.9
753	87.0	22.0	400.1	384.9	417.0	428.8	420.1	417.2	437.4	456.9	423.7	455.8	450.3	460.3	446.2	454.0	423.3	452.0	427.7	452.2
754	87.7	22.1	405.3	389.2	423.1	434.9	423.1	420.5	442.7	461.6	425.6	457.7	453.3	461.9	448.7	455.4	424.9	452.6	429.8	452.7
755	87.1	21.7	411.5	395.5	430.0	440.2	428.2	425.4	446.1	464.3	428.3	459.8	454.9	463.5	450.5	457.0	426.4	453.6	430.5	453.5
756	85.8	20.3	419.6	403.9	433.7	443.7	432.6	429.5	447.6	465.1	430.2	460.3	454.4	463.3	450.3	456.6	427.4	453.3	428.5	451.7
757	85.6	20.5	414.3	399.0	430.7	440.8	431.4	428.0	446.5	464.9	431.3	461.0	455.3	463.8	451.0	458.2	429.8	454.8	431.2	454.1
758	85.1	20.7	406.4	392.7	422.2	434.1	427.3	423.6	441.1	460.3	430.0	459.2	452.3	462.2	449.3	456.3	428.8	454.2	429.6	453.7
759	86.2	21.0	406.9	392.0	424.2	435.4	427.1	423.8	442.7	462.5	430.3	460.0	453.9	463.4	450.1	457.3	429.5	455.2	431.1	454.7
760	86.0	21.1	398.6	384.9	413.5	425.8	421.8	418.8	435.1	454.7	425.8	455.2	448.0	459.3	444.9	453.7	426.9	452.8	427.2	452.1
761	84.9	20.6	385.5	372.2	396.1	408.6	407.6	404.5	419.4	440.3	414.8	442.5	431.2	445.9	430.1	440.2	417.4	441.7	413.8	440.5
762	81.4	18.2	425.4	407.2	430.0	445.1	435.1	432.3	451.3	476.7	440.6	475.9	464.8	481.6	460.7	473.2	441.0	473.8	439.8	470.3
763	82.8	19.0	435.3	416.8	441.4	456.7	446.4	443.5	464.8	490.2	452.7	489.3	477.5	494.7	474.3	486.1	453.1	487.3	452.3	481.8
764	83.6	19.9	441.7	422.9	449.3	464.4	455.3	451.8	472.9	497.9	460.8	496.8	485.4	502.2	482.7	494.1	461.4	494.2	460.8	490.5
765	84.5	20.6	447.0	426.7	456.1	471.3	459.9	456.7	479.0	503.7	463.9	500.9	493.5	507.5	488.5	499.3	465.0	498.8	465.7	494.2
766	85.4	20.8	455.9	436.3	466.0	480.5	469.5	466.1	486.5	510.3	472.7	509.0	498.9	513.7	495.6	505.8	472.9	503.7	473.0	501.3
767	86.2	21.7	459.9	440.3	469.9	485.1	472.2	468.9	489.0	512.4	474.7	510.4	501.6	514.8	497.3	507.0	474.0	504.2	475.1	502.4
768	85.6	21.1	468.1	449.2	478.4	492.2	478.6	474.8	495.1	517.8	478.6	513.6	505.3	517.6	500.2	509.4	477.0	506.9	476.9	504.5
769	86.2	21.4	469.5	450.8	479.9	493.3	479.3	475.8	495.7	518.3	478.5	513.1	505.5	517.3	500.1	509.3	477.0	506.3	475.6	503.2
770	86.4	21.5	475.4	456.7	483.8	496.8	483.0	479.2	497.9	519.9	479.6	514.0	506.3	517.6	500.3	509.8	476.7	506.0	474.3	502.0
771	86.1	21.5	477.5	458.3	484.7	497.6	483.7	480.1	497.9	519.8	479.8	513.9	505.8	517.3	500.0	509.4	476.9	505.0	474.3	501.0
772	84.9	20.2	473.2	454.7	481.7	494.7	482.3	478.5	496.9	518.8	479.5	513.8	506.1	517.5	500.3	509.4	477.0	505.9	475.2	502.3
773	85.7	21.1	468.6	450.9	479.6	492.4	480.0	476.7	495.7	518.4	479.6	513.5	505.8	517.7	500.4	510.0	477.8	507.2	476.5	504.0
774	82.0	18.9	434.3	420.2	438.1	453.7	452.6	448.9	459.1	483.6	458.2	488.0	471.1	490.2	470.7	484.0	460.3	486.4	454.7	484.4
775	81.3	17.7	408.8	389.9	407.2	422.7	415.1	411.7	424.4	450.4	419.9	450.9	435.6	454.8	432.8	445.2	422.1	449.7	415.3	442.7
776	81.8	18.2	413.3	394.0	412.6	428.7	418.7	415.7	432.2	457.6	423.8	457.1	443.1	462.0	440.3	452.0	425.1	455.9	418.9	448.0
777	83.3	18.8	419.1	398.9	420.0	435.3	424.5	421.4	440.2	467.4	429.7	465.1	453.7	471.0	449.4	460.6	430.8	463.4	426.6	455.2
778	84.2	19.9	425.0	405.3	426.1	441.5	431.6	428.2	447.7	474.0	438.2	473.8	460.6	479.4	457.8	469.6	438.9	472.3	436.5	465.4
779	85.8	21.0	432.2	412.2	436.5	451.7	440.0	436.7	459.9	486.6	446.0	483.8	474.5	490.6	469.5	480.4	446.4	482.2	446.6	474.7
780	86.8	21.7	440.2	419.6	446.6	460.8	448.6	445.4	470.3	495.9	453.7	492.0	484.8	498.7	478.6	489.2	453.6	489.3	454.0	483.8
781	87.6	22.4	454.6	433.9	464.9	479.2	462.7	459.9	484.9	509.6	465.5	505.6	500.0	512.4	493.2	503.0	465.0	500.6	467.5	495.5
782	88.1	22.5	466.7	447.9	478.2	490.9	473.9	471.1	494.4	517.2	474.6	512.2	504.9	516.8	499.1	507.9	472.6	504.8	474.4	501.8
783	87.5	22.1	478.8	458.1	485.1	497.1	481.0	477.6	498.7	520.2	477.4	513.2	506.1	517.3	499.9	508.7	473.9	504.8	475.2	501.5
784	86.0	20.9	475.0	457.2	479.3	491.8	479.1	475.2	495.9	517.7	477.4	512.7	504.9	516.7	499.4	508.5	474.7	505.1	476.0	502.0
785	86.4	21.5	476.8	458.0	480.6	493.0	479.4	476.0	496.4	518.6	477.7	512.9	505.5	516.8	499.5	508.5	474.9	504.7	475.6	501.8
786	85.5	21.0	471.6	454.1	476.3	489.5	477.3	473.5	493.9	516.6	478.2	512.8	504.5	517.0	499.6	508.7	475.6	506.2	477.3	503.2
787	86.5	22.1	470.4	451.8	476.2	488.9	476.4	472.5	493.9	516.6	477.7	512.1	504.7	516.6	499.1	508.4	475.9	505.8	475.5	503.3
788	86.8	22.1	465.4	447.4	473.1	485.6	474.2	470.6	490.7	514.5	476.8	511.8	504.3	516.6	498.9	508.6	475.6	505.9	476.6	503.5
789	85.1	21.1	434.4	418.1	435.9	451.8	449.2	444.9	457.8	483.5	455.0	486.7	470.4	489.8	468.7	482.7	457.8	485.0	453.4	483.2
790	81.4	18.7	476.6	454.5	474.3	492.9	478.8	475.3	495.4	526.0	483.6	524.8	509.6	531.4	506.1	520.3	483.7	522.6	481.1	515.1
791	82.0	19.6	481.4	459.2	480.7	499.1	484.0	480.0	502.7	534.1	488.6	531.0	517.9	538.4	512.9	527.6	488.8	528.3	487.5	521.1
792	82.9	20.5	488.5	465.3	488.7	506.0	490.9	487.3	511.5	541.8	495.6	538.4	526.9	545.7	521.3	534.8	494.8	534.7	493.9	527.4
793	84.5	21.5	498.8	473.5	498.6	516.9	500.0	496.4	521.1	550.9	503.1	546.5	537.6	554.1	530.7	543.9	502.8	543.0	502.9	536.3
794	85.2	22.3	508.6	486.7	510.8	528.5	511.1	506.8	529.2	557.7	512.8	555.5	544.2	562.5	539.4	552.5	512.0	551.2	511.3	545.8
795	86.0	22.9	515.4	492.4	516.7	533.6	515.2	511.6	534.0	562.9	516.8	559.0	549.4	566.2	544.0	555.8	516.1	554.0	515.7	549.3
796	86.8	23.5	524.9	501.5	523.5	539.1	520.2	516.6	540.4	567.3	520.8	562.3	553.6	567.9	546.8	557.7	519.2	555.5	519.0	550.9
797	86.7	23.5	531.8	509.8	528.4	544.8	525.4	521.1	544.6	571.0	523.7	564.9	555.0	569.8	549.0	560.1	521.5	556.4	520.1	552.2

SRL Single Tube Flow Instability Test # 2.1
Stainless Steel ID = 0.745"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FBH1	FMO1	OTI1	TRTO1	TJT12											
TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRT11	TJT11	TRT02											
748	2.1	38.7	44.9	34.8	34.7	35.3	7.84	7.31	7.85	36.16	36.28	255.5	0.0	36.5	0.1	34.4	121.9	174.5	120.4	120.1	174.5
749	2.1	37.7	42.9	34.8	34.7	35.2	6.77	6.32	6.77	33.34	33.48	256.2	0.0	33.6	0.0	31.7	121.3	178.4	119.8	119.8	178.4
750	2.1	36.6	40.9	34.8	34.7	35.2	5.69	5.36	5.65	30.31	30.38	255.9	0.0	30.6	0.0	29.0	121.0	183.5	119.8	119.5	183.5
751	2.1	34.9	37.7	34.6	34.6	35.1	4.12	3.88	4.09	25.31	25.13	258.8	0.0	25.4	0.0	24.0	120.1	194.5	118.5	118.6	194.5
752	2.1	35.0	37.4	35.1	34.9	35.6	3.87	3.47	3.66	23.46	23.33	259.8	0.0	23.5	0.0	22.5	120.7	201.0	119.5	119.4	201.0
753	2.1	34.3	35.8	34.8	34.7	35.3	3.10	2.96	3.10	20.88	20.74	259.3	0.0	20.9	0.0	20.0	121.8	212.0	120.1	120.1	212.0
754	2.1	34.3	35.3	35.1	34.9	35.6	2.71	2.57	2.71	18.63	18.56	260.8	0.0	19.0	0.0	17.8	121.4	221.6	119.9	120.1	221.5
755	2.1	34.0	35.2	34.9	34.9	35.4	2.80	2.76	2.84	17.58	17.60	259.6	0.0	17.8	0.0	16.9	121.5	228.5	121.1	119.6	228.4
756	2.1	34.0	34.9	34.4	34.5	35.2	3.23	3.20	3.11	16.70	16.71	261.9	0.0	17.0	0.0	16.2	121.3	233.5	119.8	119.4	233.5
757	2.1	33.8	35.0	34.6	34.7	35.3	2.78	2.75	2.77	17.87	17.88	261.8	0.0	17.7	0.0	17.1	121.6	227.0	120.1	120.1	227.0
758	2.1	33.9	35.4	34.6	34.6	35.3	2.93	2.77	2.91	19.70	19.68	259.1	0.0	19.6	0.0	18.9	120.2	215.5	118.6	118.5	215.5
759	2.1	33.8	35.1	34.6	34.7	35.2	2.83	2.70	2.84	19.25	19.11	260.8	0.0	20.0	0.0	18.3	121.0	219.5	120.9	119.4	219.5
760	2.1	34.3	36.2	34.5	34.5	35.0	3.36	3.16	3.35	22.11	21.91	260.0	0.0	22.3	0.0	21.0	120.5	206.7	119.5	118.7	206.5
761	2.1	35.6	39.1	34.5	34.6	35.0	4.87	4.58	4.84	27.83	27.83	257.9	0.0	28.4	0.0	26.5	121.0	190.0	118.5	119.0	190.0
762	2.1	41.1	49.9	35.0	34.6	35.5	10.30	9.56	10.33	42.25	42.82	253.9	0.0	43.1	0.0	40.3	120.6	181.0	119.5	119.1	181.0
763	2.1	39.2	46.2	34.6	34.6	35.3	8.48	7.90	8.44	38.05	38.37	253.7	0.0	38.7	0.0	36.2	121.8	188.5	120.7	120.2	188.5
764	2.1	38.0	43.7	34.8	34.7	35.3	7.21	6.71	7.18	34.68	34.85	256.2	0.0	35.4	0.0	33.0	121.8	194.5	120.6	120.3	194.5
765	2.1	36.8	41.4	34.7	34.7	35.3	6.02	5.62	6.04	31.30	31.26	257.0	0.0	31.8	0.0	29.9	120.6	201.5	119.1	118.9	201.5
766	2.1	36.3	40.1	34.7	34.6	35.3	5.43	5.09	5.40	29.15	29.04	258.0	0.0	29.7	0.0	27.7	121.4	208.0	119.4	119.9	208.0
767	2.1	36.5	39.6	35.3	34.9	35.9	4.90	4.64	4.89	26.97	26.95	258.2	0.0	27.7	0.0	25.8	121.7	214.5	120.7	120.2	214.5
768	2.1	35.6	38.4	34.8	34.7	35.3	4.65	4.48	4.64	25.54	25.47	257.9	0.0	26.3	0.0	24.3	121.5	220.5	119.9	119.7	220.5
769	2.1	35.9	38.3	35.0	34.8	35.6	4.54	4.31	4.57	24.31	24.28	258.0	0.0	25.3	0.0	23.3	120.6	224.1	119.9	118.7	224.0
770	2.1	36.2	38.5	35.0	34.9	36.1	4.92	4.68	4.86	22.93	22.96	259.0	0.0	23.8	0.0	21.9	121.8	231.5	120.2	120.3	231.4
771	2.1	36.6	38.5	35.0	34.9	36.3	5.24	5.00	5.18	21.96	21.92	259.7	0.0	23.3	0.0	20.9	120.6	234.5	119.3	119.4	234.5
772	2.1	35.6	38.0	34.6	34.7	35.2	4.68	4.41	4.63	23.88	23.77	259.8	0.0	25.0	0.0	22.7	120.6	226.0	119.4	119.1	226.0
773	2.1	35.8	38.4	34.8	34.7	35.5	4.57	4.40	4.61	24.65	24.61	260.0	0.0	25.8	0.0	23.7	120.7	222.5	119.6	119.0	222.5
774	2.1	40.3	48.0	35.0	34.7	35.5	9.26	8.62	9.31	39.92	40.38	254.7	0.0	40.8	0.0	38.2	120.3	183.1	120.3	118.6	183.1
775	2.1	40.5	49.5	34.7	34.6	35.1	10.15	9.41	10.22	42.09	42.39	252.1	0.0	42.4	0.0	39.8	76.4	137.0	75.7	75.0	137.0
776	2.1	39.5	47.3	34.7	34.7	35.1	9.08	8.46	9.13	39.61	39.84	254.1	0.0	39.9	0.0	37.3	77.6	142.0	77.0	76.7	142.0
777	2.1	38.2	44.7	34.5	34.5	35.0	7.72	7.23	7.72	36.42	36.49	255.0	0.0	36.7	0.0	34.3	77.3	147.5	76.3	76.4	147.5
778	2.1	37.5	43.0	34.7	34.7	35.2	6.63	6.24	6.63	33.65	33.60	256.4	0.0	33.8	0.0	31.7	76.2	151.5	75.4	75.0	151.5
779	2.1	36.4	40.3	34.9	34.7	35.5	5.23	4.92	5.22	29.78	29.30	255.6	0.0	29.5	0.0	27.9	76.6	162.0	75.7	75.9	162.0
780	2.1	35.2	38.3	34.7	34.7	35.3	4.31	4.08	4.30	26.31	26.13	256.3	0.0	26.9	0.0	25.0	76.5	172.5	75.5	75.9	172.5
781	2.1	34.7	36.9	34.9	34.8	35.5	3.45	3.29	3.44	22.45	22.25	258.9	0.0	22.4	0.0	21.2	77.1	190.2	76.4	76.6	190.2
782	2.1	34.3	35.4	34.9	34.8	35.6	2.88	2.74	2.87	19.02	18.85	259.3	0.0	19.0	0.0	18.0	77.6	209.7	76.7	77.0	209.6
783	2.1	34.6	36.1	34.6	34.9	36.1	4.02	3.92	3.81	15.99	15.87	260.1	0.0	16.0	0.0	15.3	76.7	233.0	76.1	76.1	233.0
784	2.1	34.0	35.1	34.6	34.7	35.2	2.88	2.80	2.86	18.17	18.07	260.2	0.0	18.2	0.0	17.2	76.9	215.0	76.1	75.8	215.0
785	2.1	34.3	35.1	34.8	34.7	35.5	3.15	2.85	3.04	17.34	17.16	260.4	0.0	17.9	0.0	16.4	77.0	221.9	76.5	76.3	221.7
786	2.1	34.0	35.4	34.6	34.6	35.0	3.01	2.86	3.02	20.07	19.81	259.6	0.0	19.8	0.0	19.0	77.2	203.0	76.7	76.4	203.0
787	2.1	34.0	35.3	34.7	34.7	35.2	2.913	2.832	2.91	19.3	19.06	259.0	0.0	19.7	0.0	18.4	77.6	208.0	76.7	76.9	208.0
788	2.1	34.2	36.1	34.7	34.6	35.2	3.22	3.09	3.201	21.14	20.93	258.5	0.0	21.6	0.0	19.9	78.0	198.5	76.9	77.1	198.5
789	2.1	37.0	41.9	34.8	34.7	35.1	6.091	5.718	6.047	32.08	32.06	254.4	0.0	32.1	0.0	30.3	76.4	156.0	75.6	75.2	156.0
790	2.1	40.9	49.6	35.0	34.7	35.1	9.888	9.18	9.92	42.21	42.35	252.1	0.0	42.9	0.0	39.5	76.2	151.5	75.2	75.4	151.5
791	2.1	39.0	46.6	34.4	34.4	35.0	8.588	8.006	8.581	39.34	39.14	253.5	0.0	39.8	0.0	36.9	76.6	157.1	76.1	75.9	157.3
792	2.1	38.0	44.2	34.8	34.5	35.0	7.358	6.863	7.409	35.76	35.79	254.9	0.0	36.3	0.0	33.9	76.5	164.4	76.0	75.5	164.4
793	2.1	37.4	42.6	34.8	34.7	35.3	6.518	6.104	6.547	33.44	33.24	256.5	0.0	33.7	0.0	31.4	76.5	172.0	75.8	75.9	172.0
794	2.1	36.7	40.8	34.9	34.7	35.2	5.532	5.189	5.539	29.94	29.68	257.3	0.0	30.3	0.0	28.4	76.3	182.2	75.7	75.3	182.1
795	2.1	36.0	39.9	34.7	34.7	35.2	5.073	4.791	5.026	27.8	27.65	257.0	0.0	28.4	0.0	26.5	76.8	190.7	76.3	76.0	190.8
796	2.1	35.6	38.2	34.8	34.7	35.4	4.51	4.277	4.472	25.41	25.18	256.7	0.0	25.8	0.0	23.9	76.8	201.1	76.2	75.7	201.1
797	2.1	35.3	37.9	34.9	34.8	35.4	4.259	4.148	4.259	23.98	23.8	258.3	0.0	25.2	0.0	22.7	76.5	208.8	75.7	75.3	208.9

OFL Single Tube Flow Instability Test # 2.1
Stainless Steel ID = 0.745"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VOLT	CURRT	HRATIO	TKW07N	BL	VTL	HL	YEAR	DAY	MIN											
	HFLX	VOLTT	QUALITY	DPP1	TKW01S	BL	ID	DPL	MONTH	HRS												
748	274.0	0.602	75.0	74.4	3683	-9.1	100.2	64.5	446.6	502.2	0	0	95.5	0.745	96.0	100.5	1989	1	31	15	0	748
749	272.7	0.600	75.0	74.3	3668	-8.7	100.8	64.6	452.5	508.7	0	0	95.5	0.745	96.0	100.5	1989	1	31	15	2	749
750	271.7	0.597	74.9	74.3	3656	-8.1	100.5	64.9	460.6	516.9	0	0	95.5	0.745	96.0	100.5	1989	1	31	15	7	750
751	270.7	0.595	75.0	74.4	3637	-6.8	99.5	65.2	476.0	531.7	0	0	95.5	0.745	96.0	100.5	1989	1	31	15	9	751
752	272.6	0.599	75.5	74.8	3644	-6.2	98.9	65.5	483.3	539.9	0	0	95.5	0.745	96.0	100.5	1989	1	31	15	12	752
753	271.2	0.596	75.4	74.8	3626	-5.0	99.3	65.6	493.4	545.9	0	0	95.5	0.745	96.0	100.5	1989	1	31	15	19	753
754	270.0	0.594	75.3	74.7	3615	-4.0	99.2	65.9	498.0	546.3	0	0	95.5	0.745	96.0	100.5	1989	1	31	15	21	754
755	272.1	0.598	75.7	75.1	3626	-3.3	99.8	65.8	500.5	545.5	0	0	95.5	0.745	96.0	100.5	1989	1	31	15	24	755
756	271.7	0.597	75.6	75.0	3621	-2.6	99.6	66.0	499.2	543.3	0	0	95.5	0.745	96.0	100.5	1989	1	31	15	30	756
757	272.6	0.599	75.8	75.0	3635	-3.3	99.5	65.6	499.7	545.8	0	0	95.5	0.745	96.0	100.5	1989	1	31	15	46	757
758	272.5	0.599	75.6	75.0	3633	-4.6	99.2	65.0	495.7	546.3	0	0	95.5	0.745	96.0	100.5	1989	1	31	15	47	758
759	273.4	0.601	75.7	75.2	3637	-4.1	99.3	65.8	498.8	547.3	0	0	95.5	0.745	96.0	100.5	1989	1	31	15	50	759
760	274.0	0.602	75.7	75.1	3648	-5.5	99.3	65.4	491.0	544.0	0	0	95.5	0.745	96.0	100.5	1989	1	31	15	52	760
761	274.9	0.604	75.6	74.9	3669	-7.4	100.4	65.1	473.5	529.0	0	0	95.5	0.745	96.0	100.5	1989	1	31	15	55	761
762	366.7	0.806	87.8	87.0	4217	-8.5	101.4	63.9	524.2	594.4	0	0	95.5	0.745	96.0	100.5	1989	1	31	16	4	762
763	363.3	0.799	87.4	86.7	4189	-7.6	101.3	64.6	532.1	601.4	0	0	95.5	0.745	96.0	100.5	1989	1	31	16	8	763
764	362.0	0.796	87.6	86.7	4175	-7.0	100.6	64.6	539.7	609.1	0	0	95.5	0.745	96.0	100.5	1989	1	31	16	18	764
765	363.7	0.800	87.7	87.1	4176	-6.2	100.3	64.6	548.5	617.2	0	0	95.5	0.745	96.0	100.5	1989	1	31	16	19	765
766	360.7	0.793	87.5	86.8	4156	-5.5	100.4	65.0	553.5	618.8	0	0	95.5	0.745	96.0	100.5	1989	1	31	16	26	766
767	360.1	0.792	87.5	86.8	4146	-4.9	100.0	65.3	558.3	620.0	0	0	95.5	0.745	96.0	100.5	1989	1	31	16	30	767
768	363.4	0.799	88.0	87.3	4162	-4.1	100.0	65.3	562.1	621.2	0	0	95.5	0.745	96.0	100.5	1989	1	31	16	34	768
769	363.2	0.799	88.1	87.3	4160	-3.8	99.7	65.5	562.3	620.3	0	0	95.5	0.745	96.0	100.5	1989	1	31	16	37	769
770	362.2	0.797	88.0	87.2	4152	-3.0	100.2	65.5	561.9	618.0	0	0	95.5	0.745	96.0	100.5	1989	1	31	16	40	770
771	362.0	0.796	88.0	87.2	4150	-2.6	99.5	65.4	562.7	617.3	0	0	95.5	0.745	96.0	100.5	1989	1	31	16	43	771
772	364.0	0.800	88.2	87.4	4164	-3.4	99.3	65.3	563.0	619.4	0	0	95.5	0.745	96.0	100.5	1989	1	31	16	46	772
773	364.2	0.801	88.2	87.4	4165	-3.8	99.1	65.2	563.2	621.1	0	0	95.5	0.745	96.0	100.5	1989	1	31	16	51	773
774	363.9	0.800	87.4	86.7	4197	-8.2	100.3	63.9	526.7	595.1	0	0	95.5	0.745	96.0	100.5	1989	1	31	16	55	774
775	365.1	0.803	86.9	86.2	4236	-13.1	101.9	64.1	491.1	560.4	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	8	775
776	365.7	0.804	87.2	86.4	4231	-12.6	101.7	64.3	498.1	568.6	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	11	776
777	365.9	0.805	87.4	86.6	4225	-12.0	101.3	65.0	507.7	579.0	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	13	777
778	364.0	0.800	87.2	86.5	4207	-11.5	100.8	65.1	514.3	584.5	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	16	778
779	361.8	0.796	87.2	86.5	4184	-10.4	100.3	65.4	527.7	597.8	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	18	779
780	361.5	0.795	87.4	86.7	4171	-9.3	100.6	65.6	536.9	606.1	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	20	780
781	365.1	0.803	88.1	87.4	4180	-7.4	99.9	65.8	555.0	621.7	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	22	781
782	362.7	0.798	88.0	87.2	4158	-5.3	99.5	66.0	561.6	621.6	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	25	782
783	362.4	0.797	88.1	87.3	4150	-2.7	99.4	66.1	563.7	617.6	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	27	783
784	363.2	0.799	88.0	87.3	4160	-4.7	99.8	65.9	562.9	620.1	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	29	784
785	362.5	0.797	88.0	87.3	4153	-3.9	99.7	65.8	562.7	618.6	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	31	785
786	363.9	0.800	88.0	87.3	4166	-5.9	99.5	65.3	560.8	621.5	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	33	786
787	362.7	0.797	87.9	87.2	4161	-5.4	99.5	65.0	562.0	620.7	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	35	787
788	366.1	0.805	88.3	87.5	4182	-6.5	99.9	65.2	560.0	623.7	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	38	788
789	365.9	0.805	87.5	86.9	4212	-11.1	101.2	64.5	524.3	592.2	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	40	789
790	454.1	0.999	98.1	97.3	4667	-11.7	101.7	63.4	576.4	657.7	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	48	790
791	452.9	0.996	98.2	97.3	4653	-10.9	100.7	63.3	583.1	665.6	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	50	791
792	452.1	0.994	98.2	97.4	4641	-10.2	100.8	63.1	590.6	673.2	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	51	792
793	456.8	1.004	98.9	98.1	4656	-9.4	100.7	63.5	602.3	683.7	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	54	793
794	454.8	1.000	98.9	98.1	4637	-8.3	100.3	63.4	610.9	691.2	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	56	794
795	455.6	1.002	99.1	98.3	4633	-7.4	100.4	63.7	617.9	694.9	0	0	95.5	0.745	96.0	100.5	1989	1	31	17	58	795
796	454.2	0.999	99.1	98.3	4621	-6.2	100.0	63.9	622.3	694.7	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	0	796
797	455.4	1.001	99.3	98.5	4626	-5.5	100.3	63.7	625.9	694.7	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	2	797

SRL Single Tube Flow Instability Test # 2.1
Stainless Steel ID = 0.745"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
RUN	PTI1		PTO1		PTO3		DPT2		FTI1		FBI1		FMO1		OTI1		TRTO1		TJT12		
	TEST	PTI2		PTO2		DPT1		DPT3		FTI2		FXO2		FMO2		TRTI1		TJT11		TRT02	
798	2.1	35.3	37.8	35.0	34.7	35.5	4.128	3.807	4.268	22.89	22.64	259.1	0.0	23.7	0.0	21.7	76.5	214.0	75.6	75.4	214.0
799	2.1	36.2	38.1	35.0	35.0	35.7	4.885	4.852	4.676	21.94	21.23	259.4	0.0	21.7	0.0	20.3	77.0	223.0	76.2	76.1	223.0
800	2.1	35.5	37.6	34.6	34.6	35.5	4.598	4.445	4.563	22.05	21.84	259.3	0.0	23.3	0.1	20.9	77.1	219.7	76.3	76.4	219.6
801	2.1	35.2	37.7	34.9	34.6	35.4	4.332	4.231	4.245	22.93	22.55	258.5	0.0	23.9	0.0	21.6	77.3	215.5	76.9	76.7	215.5
802	2.1	35.2	37.5	34.8	34.7	35.3	4.262	4.017	4.268	23.34	23.17	259.4	0.0	23.8	0.0	22.1	77.5	212.5	76.7	76.4	212.5
803	2.1	35.3	38.0	34.6	34.6	35.1	4.413	4.239	4.363	24.76	24.31	257.1	0.0	25.1	0.0	23.1	77.6	205.5	77.0	76.4	205.5
804	2.1	39.0	45.9	35.0	34.6	35.1	8.051	7.504	8.059	37.69	37.73	254.8	0.0	38.1	0.0	35.6	77.1	161.5	76.1	76.2	161.5
805	2.1	41.0	49.2	35.0	34.6	35.6	9.982	9.256	10.03	41.52	42.05	252.6	0.0	44.8	0.0	39.7	120.5	196.5	119.4	119.4	196.5
806	2.1	39.8	47.1	34.8	34.6	35.4	9.118	8.505	9.171	39.12	39.58	252.6	0.0	42.2	0.0	37.2	121.8	202.5	120.6	120.1	202.5
807	2.1	39.1	45.8	34.9	34.7	35.3	8.37	7.759	8.444	37.04	37.38	250.8	0.0	39.7	0.0	35.2	121.4	206.4	120.2	119.9	206.4
808	2.1	38.8	44.7	34.9	34.7	35.4	7.808	7.248	7.786	35.35	35.64	254.9	0.0	37.9	0.0	33.7	120.5	209.5	119.3	118.8	209.5
809	2.1	38.2	43.5	34.7	34.6	35.2	7.416	6.971	7.355	33.55	33.78	253.4	0.0	35.4	0.0	32.1	120.0	213.4	118.5	118.5	213.3
810	2.1	37.8	42.8	34.7	34.5	35.0	7.092	6.634	7.037	32.72	32.67	254.3	0.0	35.2	0.0	30.9	120.3	216.5	119.0	118.9	216.5
811	2.1	38.3	42.5	35.1	34.7	35.6	6.95	6.547	7.014	31.22	31.35	253.3	0.0	33.5	0.0	29.8	121.3	222.0	120.8	119.8	222.0
812	2.1	38.3	42.4	34.9	34.7	35.6	7.173	6.811	7.082	30.54	30.8	257.2	0.0	33.0	0.0	29.2	120.4	225.7	118.9	118.7	225.7
813	2.1	38.4	42.3	34.5	34.7	35.8	7.458	7.371	7.4	29.15	29.24	253.0	0.0	31.7	0.0	27.8	121.5	228.5	120.4	120.4	228.6
814	2.1	38.9	42.5	34.5	34.7	36.3	8.126	7.83	8.263	28.75	28.75	255.7	0.0	30.5	0.0	27.4	122.0	231.0	120.7	120.4	231.0
815	2.1	38.2	42.3	34.8	34.7	35.6	7.191	6.946	7.037	29.97	30.09	251.6	0.0	33.0	0.0	28.3	121.6	226.5	120.4	119.8	226.5
816	2.1	38.3	42.4	34.8	34.7	35.7	7.222	6.722	7.082	30.32	30.49	254.1	0.0	32.2	0.0	28.8	122.0	227.3	121.0	120.5	227.2
817	2.1	38.4	42.5	34.9	34.7	35.6	6.995	6.702	7.037	30.63	30.49	254.5	0.0	32.3	0.0	29.2	121.5	225.0	120.2	119.9	225.0
818	2.1	38.1	42.9	34.6	34.7	35.4	7.23	7.002	6.946	31.56	31.72	252.0	0.0	33.4	0.0	30.2	121.8	222.7	120.5	120.3	222.7
819	2.1	37.8	42.6	34.6	34.5	35.2	6.992	6.512	6.946	32.17	32.34	253.9	0.0	34.2	0.0	30.5	120.5	218.6	118.7	118.9	218.5
820	2.1	38.6	44.5	34.9	34.7	35.3	7.775	7.356	7.627	34.81	35.04	250.1	0.0	36.9	0.0	33.4	121.0	212.0	119.9	119.6	211.9

SRL Single Tube Flow Instability Test # 2.1
Stainless Steel ID = 0.745"

1	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	PP01	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
	PPH	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
798	86.8	23.6	533.1	513.2	529.0	544.3	527.0	523.7	544.5	570.0	524.4	563.7	554.3	568.4	547.9	558.3	521.8	555.3	519.4	551.2
799	86.9	23.9	535.3	517.1	532.6	547.4	530.2	526.6	545.7	571.3	525.5	564.2	563.8	568.3	548.0	558.3	521.6	554.4	518.7	549.3
800	86.0	23.4	534.6	517.1	531.3	546.8	531.1	526.7	545.5	571.2	525.7	564.3	554.0	568.1	547.9	558.8	521.8	554.3	517.6	549.3
801	86.6	23.5	533.5	516.3	530.0	545.7	530.9	526.7	544.7	569.7	525.8	564.1	553.7	567.6	547.1	558.1	522.1	553.5	517.9	549.4
802	85.7	23.3	532.1	513.6	529.2	544.2	529.4	525.6	544.3	569.6	525.9	563.7	553.8	567.9	547.2	558.4	522.8	554.3	518.8	550.5
803	85.8	23.5	529.6	511.1	526.7	541.6	528.2	523.8	542.3	568.1	525.4	563.0	552.1	567.0	546.4	557.5	522.8	553.8	518.7	550.3
804	83.0	21.4	494.8	478.0	492.1	510.6	506.2	501.7	513.5	542.9	510.1	545.5	527.2	549.2	526.0	540.6	511.1	542.5	504.1	538.3
805	79.4	20.8	495.9	475.2	501.8	519.5	508.9	504.8	525.1	554.5	513.9	553.1	539.9	558.6	535.8	549.5	514.8	549.7	510.2	544.0
806	80.3	21.1	500.0	478.7	507.1	525.2	513.0	509.2	530.0	558.3	516.8	556.1	544.4	562.6	539.8	553.4	517.5	553.0	512.4	547.5
807	80.2	21.7	504.3	482.0	511.3	529.5	516.4	512.7	532.5	562.0	519.4	558.9	548.2	564.9	543.3	555.5	519.5	554.2	515.7	549.5
808	81.9	21.8	507.7	485.4	515.5	532.7	519.2	515.4	535.2	563.7	521.4	561.0	549.5	566.3	544.8	556.8	521.0	554.4	518.1	550.5
809	81.3	22.1	511.1	489.6	519.7	536.9	522.0	517.6	538.3	566.5	523.0	562.3	551.4	567.1	546.0	557.6	522.1	555.4	517.8	550.4
810	81.3	22.0	513.5	492.3	522.2	539.2	524.6	520.3	540.3	567.5	524.9	563.6	552.3	567.7	547.2	558.4	523.5	555.3	520.0	550.9
811	81.3	22.5	518.2	497.4	526.6	542.4	526.7	522.9	543.0	570.4	526.0	564.5	553.9	568.7	548.2	559.5	523.9	555.8	519.6	550.5
812	83.7	22.4	520.8	499.4	528.1	543.2	527.6	524.0	543.5	570.3	525.9	563.9	554.4	567.9	547.6	558.7	523.0	554.9	517.7	549.1
813	80.6	22.7	524.7	504.2	530.7	546.7	531.6	527.3	545.8	571.7	528.0	566.1	554.5	569.6	548.6	559.9	524.4	555.9	518.5	549.7
814	82.2	23.0	527.3	506.8	532.2	547.9	532.5	528.6	546.6	572.5	527.7	565.9	554.8	569.6	548.7	559.9	524.5	555.3	517.3	548.7
815	80.2	22.5	525.0	504.7	531.1	546.2	532.2	528.2	545.9	572.3	528.7	566.4	554.9	569.8	549.0	560.5	525.2	556.2	518.5	550.4
816	81.4	22.5	523.8	503.6	529.7	545.7	532.2	527.3	545.4	571.2	527.9	565.4	553.7	568.7	548.2	559.4	524.7	555.7	517.6	549.2
817	82.0	22.3	522.6	502.5	529.1	544.4	531.2	527.3	544.3	570.7	527.6	564.3	553.4	568.4	547.6	559.0	524.3	555.4	517.5	549.5
818	81.7	22.2	520.5	500.7	528.2	544.5	530.9	526.3	544.4	571.0	527.6	565.7	554.5	569.7	548.8	560.0	525.0	557.1	519.5	550.7
819	80.5	22.1	517.6	497.8	525.7	541.5	529.1	524.3	542.3	569.2	527.0	564.7	553.2	568.3	547.7	559.0	524.9	556.4	519.5	550.9
820	81.3	22.0	510.1	489.3	518.1	535.6	523.6	519.4	537.8	565.7	524.9	563.1	551.0	567.8	546.5	558.4	524.4	556.4	518.3	551.8

SRL Single Tube Flow Instability Test # 2.1

Stainless Steel ID = 0.745"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VOLTB	CURRT	HRATIO	TKW07N	BL	VTL	HL	YEAR	DAY	MIN											
	HFLX	VOLTT	QUALITY	DPP1	TKW018	BL	ID	DPL	MONTH	HRS	RUN											
798	453.3	0.997	99.1	98.2	4614	-4.8	99.7	63.9	624.4	691.1	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	4	798
799	452.8	0.996	99.0	98.2	4609	-3.8	99.5	63.8	622.8	688.8	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	6	799
800	453.7	0.998	99.2	98.3	4617	-4.1	99.6	63.4	623.0	688.9	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	8	800
801	452.1	0.994	98.8	98.1	4610	-4.7	100.1	63.5	621.6	688.8	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	11	801
802	453.5	0.997	99.0	98.2	4618	-5.0	100.2	63.2	622.0	689.4	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	14	802
803	451.0	0.992	98.8	97.9	4608	-5.7	100.0	63.1	619.3	689.5	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	16	803
804	457.0	1.005	98.7	97.9	4668	-10.6	101.0	62.1	591.8	671.8	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	19	804
805	455.1	1.001	98.7	97.9	4648	-6.8	101.1	59.1	604.8	684.9	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	31	805
806	453.4	0.997	98.7	97.9	4631	-6.2	101.4	59.8	609.8	689.1	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	33	806
807	453.5	0.997	98.8	98.0	4629	-5.7	100.9	59.1	615.2	690.9	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	35	807
808	452.3	0.995	98.7	97.9	4619	-5.4	101.1	60.7	617.5	690.8	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	37	808
809	452.0	0.994	98.7	98.0	4615	-4.9	100.6	59.8	620.0	690.2	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	38	809
810	452.2	0.994	98.8	98.0	4614	-4.6	100.2	60.0	621.0	690.3	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	44	810
811	454.3	0.999	99.1	98.3	4622	-4.0	100.1	59.5	623.3	690.8	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	47	811
812	453.6	0.997	99.1	98.2	4622	-3.9	102.9	62.0	623.7	689.4	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	52	812
813	453.5	0.997	99.1	98.3	4614	-3.2	99.4	58.5	622.9	686.7	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	54	813
814	453.1	0.996	99.1	98.2	4614	-2.9	99.6	59.7	624.0	686.7	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	56	814
815	454.1	0.998	99.1	98.3	4620	-3.5	100.2	58.2	623.4	688.6	0	0	95.5	0.745	96.0	100.5	1989	1	31	18	59	815
816	453.0	0.996	99.0	98.2	4613	-3.7	102.2	59.7	623.0	687.4	0	0	95.5	0.745	96.0	100.5	1989	1	31	19	7	816
817	451.8	0.993	98.8	98.0	4609	-3.8	100.7	60.3	621.8	687.2	0	0	95.5	0.745	96.0	100.5	1989	1	31	19	10	817
818	452.7	0.995	98.9	98.1	4615	-4.1	101.9	60.0	622.5	687.7	0	0	95.5	0.745	96.0	100.5	1989	1	31	19	13	818
819	451.8	0.993	98.8	97.9	4613	-4.4	101.1	59.0	622.3	688.7	0	0	95.5	0.745	96.0	100.5	1989	1	31	19	17	819
820	452.7	0.995	98.8	98.0	4618	-5.2	101.5	60.0	619.4	691.2	0	0	95.5	0.745	96.0	100.5	1989	1	31	19	23	820

SRL Single Tube Flow Instability Test # 4.0

Inconel

ID = 0.612"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FBI1	FMO1	OTI1	TRTO1	TJT12	PPO1											
	TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRTI1	TJT11	TRT02											
821	4.0	70.2	75.0	64.6	64.6	66.1	9.35	9.29	9.36	20.67	20.42	261.1	0.	19.5	20.5	19.5	76.3	76.5	75.2	75.4	76.5	112.
822	4.0	80.2	90.8	64.9	64.7	67.3	18.41	0.00	19.41	31.16	31.00	258.3	0.	29.9	30.7	29.3	78.2	76.5	74.8	75.3	76.5	102.
823	4.0	78.2	87.4	64.7	64.7	66.9	17.13	0.01	17.37	29.30	29.15	258.1	0.	28.3	29.0	27.6	77.5	77.5	76.4	76.5	77.7	104.
824	4.0	76.1	84.3	64.6	64.7	66.6	15.25	0.01	15.39	27.48	27.16	258.9	0.	26.4	27.1	25.8	77.0	77.0	75.6	75.7	77.0	106.
825	4.0	74.5	81.6	64.7	64.7	66.5	13.50	0.01	13.59	25.63	25.22	260.0	0.	24.4	25.2	24.1	76.1	76.4	75.2	75.2	76.5	108.
826	4.0	72.3	78.2	64.8	64.7	66.4	11.22	11.17	11.23	23.04	22.68	258.7	0.	21.8	22.8	21.6	76.1	76.5	75.2	75.2	76.5	110.
827	4.0	69.4	74.0	64.6	64.7	65.9	8.46	8.43	8.48	19.71	19.30	261.2	0.	18.4	19.4	18.4	76.5	76.5	75.6	75.5	76.9	113.
828	4.0	67.0	70.1	64.5	64.5	65.5	6.36	6.32	6.37	16.74	16.46	262.2	0.	15.3	16.6	15.8	77.5	77.5	76.4	76.2	77.5	115.
829	4.0	65.2	66.8	64.8	64.7	65.6	4.04	4.02	4.02	12.89	12.76	261.8	0.	11.5	12.9	12.2	77.7	78.0	76.7	76.7	78.0	118.
830	4.0	63.5	64.5	64.7	64.7	65.5	2.48	2.46	2.46	9.76	9.71	263.5	0.	8.0	9.7	9.2	77.5	77.6	76.1	77.0	77.9	119.
831	4.0	62.4	63.0	64.6	64.5	65.2	1.62	1.63	1.61	7.51	7.58	264.6	0.	5.5	7.6	7.3	76.8	77.0	75.5	75.3	77.0	120.
832	4.0	61.9	62.0	64.8	64.7	65.3	0.81	0.81	0.79	3.08	5.13	264.6	0.	0.3	5.1	4.9	76.5	76.5	75.5	75.3	76.5	121.
833	4.0	70.7	75.9	64.6	64.6	66.0	9.82	9.79	9.82	22.52	22.14	261.5	0.	21.4	22.2	21.2	121.9	122.0	121.8	121.1	122.0	110.
834	4.0	73.0	79.5	64.7	64.7	66.5	11.89	0.01	11.92	25.03	24.75	260.0	0.	24.2	24.8	23.6	121.5	121.5	120.2	120.0	121.5	108.
835	4.0	75.4	83.1	64.9	64.8	66.9	14.09	0.01	14.21	27.60	27.30	259.5	0.	26.6	27.2	25.9	120.2	120.3	119.0	119.4	120.5	106.
836	4.0	77.4	86.5	65.0	64.7	67.3	16.03	0.02	16.12	29.67	29.55	257.3	0.	28.7	29.3	27.8	121.5	121.5	120.5	120.2	121.5	104.
837	4.0	79.2	89.6	64.7	64.7	67.5	17.72	0.02	18.26	31.69	31.71	258.3	0.	30.8	31.3	29.7	120.2	120.3	119.4	119.3	120.5	101.
838	4.0	69.0	73.2	64.7	64.6	66.0	8.08	8.08	8.04	20.17	19.85	261.4	0.	19.2	20.0	19.1	121.7	121.7	120.8	120.8	121.9	112.
839	4.0	67.4	70.4	64.9	64.7	65.9	6.18	6.16	6.16	17.27	17.11	262.4	0.	16.3	17.1	16.4	120.3	120.0	119.4	119.5	120.2	115.
840	4.0	65.4	67.4	64.7	64.7	65.6	4.32	4.32	4.31	14.14	14.03	263.1	0.	12.9	14.0	13.3	121.5	121.5	120.6	120.4	121.5	117.
841	4.0	64.1	65.5	64.6	64.6	65.4	3.25	3.25	3.22	12.04	11.99	264.2	0.	10.6	12.0	11.5	121.8	121.8	120.7	119.9	121.9	117.
842	4.0	63.5	64.2	65.0	64.7	65.6	2.29	2.30	2.27	9.38	9.82	263.0	0.	8.2	9.8	9.4	121.1	121.0	119.9	119.4	121.0	119.
843	4.0	62.7	63.1	64.6	64.6	65.2	1.65	1.65	1.64	7.43	8.08	265.7	0.	6.2	8.2	7.9	120.5	120.5	119.4	118.8	120.5	119.
844	4.0	62.0	62.1	64.6	64.6	65.2	1.02	1.01	1.02	4.68	6.10	266.2	0.	1.9	6.2	6.0	121.3	121.0	120.4	119.3	121.0	120.
845	4.0	77.6	88.6	64.6	64.7	67.5	16.61	0.01	16.75	32.08	31.99	257.9	0.	31.5	31.9	30.1	77.7	127.5	77.0	76.8	127.5	101.
846	4.0	76.1	85.9	64.9	64.8	67.4	14.90	0.02	15.01	30.20	30.02	257.7	0.	29.6	30.1	28.2	77.4	129.5	76.1	76.5	129.5	104.
847	4.0	73.7	82.0	64.6	64.5	66.9	12.75	0.01	12.85	27.96	27.60	258.4	0.	27.3	27.8	26.2	76.5	133.0	75.6	75.5	133.1	106.
848	4.0	71.4	78.1	64.7	64.7	66.5	10.56	10.51	10.58	25.25	24.84	259.3	0.	24.6	25.2	23.6	76.4	138.5	75.8	75.2	138.5	108.
849	4.0	69.8	75.5	64.7	64.6	66.4	8.83	8.80	8.81	22.97	22.56	258.5	0.	22.3	22.9	21.5	77.5	146.0	76.4	76.4	146.0	110.
850	4.0	67.8	72.1	64.7	64.6	66.1	6.87	6.84	6.82	20.19	19.75	260.6	0.	19.5	20.1	18.9	76.9	154.5	75.8	75.8	154.5	113.
851	4.0	66.1	69.5	64.9	64.7	66.0	5.06	5.03	5.04	17.08	16.79	261.4	0.	16.5	17.2	16.1	76.4	167.5	75.2	75.2	167.5	115.
852	4.0	65.0	67.4	64.7	64.7	65.7	4.01	4.01	4.00	15.11	14.79	261.8	0.	14.3	15.2	14.3	76.8	180.5	76.1	75.8	180.5	117.
853	4.0	64.5	66.3	64.9	64.8	65.7	3.31	3.29	3.27	13.60	13.29	262.1	0.	12.8	13.8	12.8	77.5	192.5	77.1	76.3	192.5	117.
854	4.0	63.5	65.2	64.5	64.5	65.3	2.77	2.76	2.75	12.38	12.15	262.5	0.	11.5	12.6	11.6	77.0	203.5	76.1	76.9	203.5	118.
855	4.0	63.1	64.3	64.5	64.5	65.3	2.32	2.32	2.28	10.74	10.61	263.6	0.	10.0	11.1	10.2	76.3	221.0	75.8	75.6	221.0	119.
856	4.0	62.9	63.8	64.7	64.7	65.4	1.98	1.96	1.96	9.26	9.14	262.5	0.	8.2	9.7	8.8	77.2	244.5	76.4	75.8	244.5	120.
857	4.0	63.2	63.7	64.9	64.9	65.5	1.98	1.99	1.95	8.18	8.16	264.4	0.	7.7	9.0	7.8	77.1	263.5	75.6	76.0	263.4	120.
858	4.0	63.8	64.3	65.1	64.9	65.9	2.37	2.13	2.29	7.86	7.75	264.7	0.	7.0	8.5	7.5	77.0	273.5	76.7	76.2	273.5	120.
859	4.0	63.7	64.2	64.7	64.6	65.4	3.07	3.14	3.02	7.34	7.41	264.9	0.	6.7	8.3	7.2	77.0	281.0	75.3	75.8	281.0	119.
860	4.0	63.2	64.2	64.7	64.7	65.5	2.20	2.20	2.20	10.47	10.04	262.8	0.	9.2	10.5	9.6	76.6	231.0	75.0	76.0	230.9	119.
861	4.0	62.7	63.4	64.6	64.6	65.2	1.92	1.96	1.91	8.33	8.36	262.9	0.	7.9	8.9	8.0	76.4	260.3	74.5	75.5	260.3	119.
862	4.0	77.6	88.4	64.7	64.7	68.1	16.55	0.01	16.64	32.29	32.22	257.5	0.	31.9	32.1	30.3	120.5	169.6	119.7	119.6	169.6	101.
863	4.0	75.5	85.2	64.4	64.5	67.5	14.80	0.01	14.91	30.37	30.18	258.7	0.	30.1	30.3	28.6	121.2	173.5	120.0	120.0	173.5	103.
864	4.0	73.4	81.4	64.8	64.7	67.3	12.33	12.22	12.35	27.61	27.30	259.1	0.	27.3	27.6	26.0	121.0	178.5	119.8	119.7	178.5	106.
865	4.0	70.3	75.8	64.8	64.7	66.9	9.09	9.01	9.10	23.36	23.00	261.1	0.	23.2	23.5	22.0	120.5	188.0	119.1	119.4	188.0	110.
866	4.0	68.3	72.6	64.7	64.7	66.4	7.21	7.16	7.17	20.61	20.29	260.2	0.	20.3	20.8	19.5	121.8	198.0	120.7	120.6	198.0	113.
867	4.0	66.8	69.4	64.7	64.7	66.1	5.33	5.29	5.29	17.74	17.27	261.3	0.	17.1	17.8	16.5	122.0	211.5	121.3	120.8	211.5	115.
868	4.0	64.8	66.8	64.7	64.7	65.8	3.81	3.80	3.81	14.20	14.09	262.7	0.	13.8	14.6	13.5	121.2	231.5	119.9	119.8	231.5	116.
869	4.0	64.2	65.5	64.7	64.7	65.7	3.10	3.08	3.06	12.17	12.05	263.1	0.	11.6	12.7	11.6	121.5	250.0	120.1	118.3	249.9	117.
870	4.0	64.1	65.2	65.0	64.9	65.7	2.86	2.90	2.82	10.47	10.63	263.2	0.	10.4	11.3	10.1	120.9	266.5	120.4	118.7	266.5	118.

SRL Single Tube Flow Instability Test # 4.0

Inconel

ID = 0.612"

1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
821	14.0	74.6	74.7	74.6	74.6	74.6	74.9	74.7	75.5	74.6	74.6	74.5	62.2	74.7	74.6	74.8	75.3	75.4	74.9
822	34.8	74.7	74.7	74.6	74.5	74.7	74.9	74.7	75.2	74.5	74.6	74.5	62.2	74.8	74.7	74.7	75.4	76.0	75.0
823	36.5	76.2	76.1	76.5	76.0	76.2	76.7	76.3	77.1	76.3	76.1	76.1	62.2	76.5	76.1	76.5	77.1	77.5	76.3
824	38.2	75.7	75.9	75.9	75.2	75.9	76.0	75.7	76.2	75.9	76.0	75.3	62.2	76.1	75.8	75.5	76.3	76.2	75.9
825	40.1	74.6	74.8	74.9	74.6	74.7	75.0	74.9	75.8	74.7	74.7	74.7	62.2	74.9	74.7	74.9	75.5	76.1	74.9
826	42.4	74.7	74.8	74.7	74.6	74.9	75.2	75.0	75.6	74.7	74.7	74.8	62.2	74.9	74.8	75.1	75.6	76.0	74.9
827	44.8	75.0	75.2	75.2	74.7	75.3	75.7	75.3	76.0	75.0	75.0	74.9	62.2	75.7	75.0	75.2	76.0	76.1	75.6
828	46.4	76.0	76.1	76.0	76.0	76.1	76.2	76.1	76.5	76.1	76.1	75.6	62.2	76.2	76.1	75.8	76.5	76.7	76.1
829	49.0	76.2	76.3	76.2	76.0	76.3	77.0	76.3	77.3	76.3	76.2	76.1	62.2	76.6	76.3	76.2	77.3	77.5	77.0
830	50.3	76.1	76.7	76.7	76.0	76.2	76.9	76.5	77.1	76.3	76.2	76.3	62.2	76.8	76.3	76.5	77.4	77.5	76.5
831	51.0	75.4	75.8	76.0	74.8	76.0	76.0	75.6	76.3	75.9	75.9	75.4	62.2	76.0	75.7	75.3	76.1	76.2	75.9
832	51.9	74.9	75.2	75.5	74.7	75.1	75.8	75.2	76.0	75.2	75.0	75.1	62.2	75.7	75.1	75.1	76.1	76.1	75.3
833	43.5	125.2	121.1	123.8	121.0	121.0	122.0	121.1	122.1	121.1	121.1	121.2	63.1	121.6	121.0	121.6	121.6	121.6	121.3
834	41.7	120.9	121.0	120.9	121.0	121.0	121.1	120.8	121.6	120.9	120.9	120.8	62.2	121.0	120.9	121.0	121.0	120.9	120.9
835	39.6	119.4	119.5	119.5	119.5	119.6	120.0	119.5	119.9	119.2	119.6	119.4	62.2	119.6	119.5	119.5	119.6	119.5	119.5
836	37.8	119.4	120.4	119.5	120.4	120.8	120.9	120.3	121.0	119.6	120.8	120.3	62.2	120.9	120.7	120.5	120.8	120.9	120.7
837	35.4	117.9	119.4	118.0	119.5	119.5	119.8	119.3	119.8	118.5	119.5	119.0	62.2	119.4	119.5	119.2	119.4	119.5	119.5
838	45.5	119.3	120.9	119.6	120.6	120.9	121.3	120.8	121.1	119.7	120.9	120.5	62.2	120.9	120.8	120.6	121.0	121.0	120.9
839	47.5	118.0	119.3	118.2	119.4	119.5	119.8	119.3	119.7	118.4	119.5	119.0	62.2	119.6	119.5	119.2	119.5	119.5	119.6
840	49.2	118.7	120.4	119.4	120.1	120.8	120.9	120.2	120.9	119.5	120.5	120.3	62.2	121.0	120.5	119.7	120.9	120.8	120.8
841	50.1	119.7	120.9	120.8	120.9	121.0	121.6	120.9	121.4	120.7	120.9	120.7	62.2	121.1	120.9	120.9	121.0	120.9	121.0
842	51.3	119.5	120.4	119.8	120.2	120.8	121.0	120.1	120.9	119.5	120.5	120.0	62.2	120.9	120.2	120.2	120.6	120.7	120.6
843	51.6	119.4	119.5	119.5	119.5	119.6	120.5	119.5	120.5	119.5	119.5	119.6	62.2	120.1	119.5	119.5	119.8	119.6	119.7
844	52.1	118.8	119.6	119.5	119.9	120.6	120.9	119.7	120.9	119.5	119.8	119.8	62.2	120.9	119.8	119.8	120.3	120.1	120.4
845	35.2	331.5	346.7	344.9	357.5	364.4	364.4	368.9	373.6	370.8	374.1	376.0	321.5	384.5	375.6	379.1	378.2	379.2	379.9
846	37.2	335.0	349.4	347.9	360.8	367.6	367.9	372.5	377.7	374.8	378.1	380.1	324.4	389.1	379.6	383.4	382.1	383.7	384.3
847	39.3	339.5	352.5	353.2	365.6	373.0	373.3	378.3	383.4	380.7	384.1	386.2	331.2	395.0	385.5	389.7	388.6	390.0	390.7
848	41.9	344.8	359.7	359.9	372.3	380.2	380.3	386.5	391.8	390.0	392.9	395.2	339.9	404.2	394.8	399.1	398.0	399.2	399.8
849	43.7	350.8	366.2	366.4	379.9	389.1	389.3	396.1	401.2	398.7	403.1	405.0	349.6	414.8	404.9	409.4	408.4	409.7	410.8
850	45.8	357.0	374.0	373.7	389.8	400.2	400.0	408.4	413.5	409.6	415.6	417.6	361.8	428.4	418.0	422.1	420.7	423.0	424.3
851	47.9	369.5	385.8	386.0	403.7	415.9	416.0	426.2	431.4	428.9	434.7	437.4	382.8	448.7	437.6	442.3	441.2	443.5	444.9
852	49.0	381.7	398.4	402.3	417.9	431.2	431.4	443.9	449.7	451.8	453.6	457.7	402.6	468.6	457.8	463.2	462.3	465.7	465.8
853	49.9	389.1	406.0	411.3	427.8	443.4	443.6	458.9	464.9	466.1	469.6	472.9	417.8	485.0	474.8	479.9	478.1	481.4	482.3
854	50.2	403.6	416.6	429.9	440.2	457.6	458.0	473.9	479.3	482.2	484.7	487.3	490.6	495.5	487.3	494.6	489.7	491.0	494.3
855	50.8	409.9	423.7	438.7	453.1	473.8	473.9	488.7	493.4	490.9	496.6	497.5	500.6	506.6	498.6	502.4	498.5	499.2	503.6
856	51.6	418.7	436.2	449.8	468.8	490.1	490.0	496.1	500.2	495.1	501.9	503.0	507.3	512.6	504.9	506.8	503.8	503.8	509.5
857	52.0	431.4	449.1	462.6	482.7	495.7	495.4	499.3	504.6	497.5	504.8	504.4	507.6	510.3	505.1	504.8	502.9	500.9	506.2
858	52.0	456.8	466.2	475.1	489.4	496.6	496.5	501.2	507.1	499.2	504.8	503.9	506.3	507.8	502.1	503.6	501.4	498.7	502.9
859	50.8	462.4	474.6	476.2	491.5	498.0	498.3	500.8	506.6	497.0	503.0	502.3	505.3	505.9	499.6	501.4	499.4	496.3	500.6
860	50.8	433.2	441.8	456.9	466.1	479.8	479.8	485.0	490.5	485.9	490.3	492.8	497.0	499.1	490.7	496.6	494.7	493.7	496.9
861	50.8	441.0	453.7	467.2	484.8	491.6	491.9	496.8	502.4	495.3	501.3	502.0	505.0	506.4	499.8	502.0	500.3	497.7	501.7
862	35.8	361.9	373.0	379.5	386.9	394.0	394.4	400.0	405.5	404.9	406.5	409.2	412.6	416.1	407.1	413.6	411.3	411.0	412.2
863	37.3	365.8	377.2	384.2	391.4	399.2	399.5	405.9	411.2	411.6	413.1	416.1	418.8	422.5	413.5	419.6	417.7	417.3	418.6
864	40.5	370.0	381.9	389.4	397.2	406.3	406.2	413.4	418.7	418.7	420.6	423.6	427.3	430.5	421.6	427.8	425.5	425.6	426.8
865	43.9	375.7	389.4	396.0	408.1	418.6	418.6	427.3	431.9	431.6	434.7	437.3	442.4	446.3	436.2	441.8	440.2	440.4	442.3
866	45.9	383.2	396.8	404.4	417.7	429.9	430.0	439.8	445.5	444.3	447.9	450.9	456.6	460.3	450.1	455.8	454.1	454.6	456.6
867	48.0	392.3	408.3	414.8	431.9	446.5	446.2	458.1	463.3	461.3	467.1	469.2	475.5	480.1	469.5	473.3	472.8	474.0	476.4
868	49.6	410.0	424.4	439.7	452.3	469.3	469.8	479.2	486.2	484.3	488.8	489.4	494.1	500.5	492.3	492.2	492.2	494.7	497.0
869	50.0	423.1	435.4	455.3	469.2	486.3	485.8	490.2	497.9	494.9	499.8	499.9	505.3	512.1	504.1	503.9	503.8	504.6	508.3
870	50.4	430.2	444.5	465.5	479.2	495.9	495.5	498.8	505.8	499.7	506.1	505.0	509.5	510.0	506.5	504.3	502.8	501.2	507.5

SRL Single Tube Flow Instability Test # 4.0
Inconel ID = 0.612"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VLTB	CURRT	HRATIO	TEW06S	TKW01S	VL	HL	YEAR	DAY	MIN											
	HFLX	VLTT	QUALITY	DPP1	TKW07N	BL	ID	DPL	MONTH	HRS	RUN											
821	0.0	0.000	0.1	0.2	7	0.0	0.0	66.8	89.7	76.7	76.5	0	95.5	0.612	96.0	100.5	1989	2	8	10	57	821
822	0.0	0.000	0.2	0.0	8	0.0	0.0	65.6	89.2	76.7	76.4	0	95.5	0.612	96.0	100.5	1989	2	8	11	18	822
823	0.0	0.000	0.1	0.0	9	0.0	0.0	66.0	90.2	78.2	78.4	0	95.5	0.612	96.0	100.5	1989	2	8	11	30	823
824	0.0	0.000	0.2	0.2	7	0.0	0.0	65.9	89.7	77.4	77.4	0	95.5	0.612	96.0	100.5	1989	2	8	11	35	824
825	0.0	0.000	0.1	0.0	8	0.0	0.0	66.4	86.5	76.8	76.5	0	95.5	0.612	96.0	100.5	1989	2	8	11	59	825
826	0.0	0.000	0.1	0.0	7	0.0	0.0	66.6	88.0	76.7	76.3	0	95.5	0.612	96.0	100.5	1989	2	8	12	1	826
827	0.0	0.000	0.1	0.2	8	0.0	0.0	66.7	88.4	77.2	77.2	0	95.5	0.612	96.0	100.5	1989	2	8	12	4	827
828	0.0	0.000	0.1	0.2	8	0.0	0.0	66.8	89.1	77.8	78.2	0	95.5	0.612	96.0	100.5	1989	2	8	12	8	828
829	0.0	0.000	0.1	0.0	9	0.0	0.0	67.0	87.1	78.3	78.4	0	95.5	0.612	96.0	100.5	1989	2	8	12	10	829
830	0.0	0.000	0.1	0.2	8	0.0	0.0	67.4	89.6	78.2	78.3	0	95.5	0.612	96.0	100.5	1989	2	8	12	15	830
831	0.0	0.000	0.1	0.2	8	0.0	0.0	67.4	88.2	77.5	77.4	0	95.5	0.612	96.0	100.5	1989	2	8	12	17	831
832	0.0	0.000	0.1	0.0	9	0.0	0.0	67.6	87.5	77.3	77.1	0	95.5	0.612	96.0	100.5	1989	2	8	12	19	832
833	0.0	0.000	0.2	0.0	9	0.0	0.0	65.3	111.8	122.9	122.3	0	95.5	0.612	96.0	100.5	1989	2	8	13	35	833
834	0.0	0.000	0.2	0.0	9	0.0	0.0	65.1	111.4	122.5	122.2	0	95.5	0.612	96.0	100.5	1989	2	8	13	39	834
835	0.0	0.000	0.1	0.0	10	0.0	0.0	64.9	110.2	121.5	121.5	0	95.5	0.612	96.0	100.5	1989	2	8	13	42	835
836	0.0	0.000	0.1	0.0	9	0.0	0.0	64.7	110.4	122.0	122.2	0	95.5	0.612	96.0	100.5	1989	2	8	13	44	836
837	0.0	0.000	0.2	0.0	9	0.0	0.0	64.2	110.7	121.5	121.6	0	95.5	0.612	96.0	100.5	1989	2	8	13	52	837
838	0.0	0.000	0.2	0.0	9	0.0	0.0	65.2	110.9	122.7	122.2	0	95.5	0.612	96.0	100.5	1989	2	8	13	55	838
839	0.0	0.000	0.2	0.0	9	0.0	0.0	65.5	110.4	121.2	121.5	0	95.5	0.612	96.0	100.5	1989	2	8	14	2	839
840	0.0	0.000	0.2	0.0	9	0.0	0.0	65.7	77.7	122.5	122.3	0	95.5	0.612	96.0	100.5	1989	2	8	14	5	840
841	0.0	0.000	0.0	0.0	9	0.0	0.0	65.6	111.4	122.2	122.3	0	95.5	0.612	96.0	100.5	1989	2	8	14	17	841
842	0.0	0.000	0.2	0.0	9	0.0	0.0	66.1	108.2	122.1	122.2	0	95.5	0.612	96.0	100.5	1989	2	8	14	19	842
843	0.0	0.000	0.2	0.0	9	0.0	0.0	65.9	105.2	121.8	121.7	0	95.5	0.612	96.0	100.5	1989	2	8	14	21	843
844	0.0	0.000	0.2	0.0	0	0.0	0.0	66.2	110.0	122.2	122.2	0	95.5	0.612	96.0	100.5	1989	2	8	14	23	844
845	224.9	0.603	80.3	79.9	2813	-19.0	102.9	64.5	245.9	391.2	392.7	0	95.5	0.612	96.0	100.5	1989	2	8	14	54	845
846	224.8	0.602	80.3	79.9	2813	-18.7	101.1	64.8	248.1	395.2	397.6	0	95.5	0.612	96.0	100.5	1989	2	8	14	57	846
847	224.4	0.601	80.2	79.9	2810	-18.3	101.0	64.8	251.3	401.5	404.4	0	95.5	0.612	96.0	100.5	1989	2	8	15	1	847
848	224.1	0.601	80.1	79.8	2808	-17.6	100.1	65.0	256.4	410.6	413.2	0	95.5	0.612	96.0	100.5	1989	2	8	15	5	848
849	223.6	0.599	80.1	79.8	2804	-16.8	100.4	65.3	261.5	420.7	424.3	0	95.5	0.612	96.0	100.5	1989	2	8	15	8	849
850	223.7	0.599	80.2	79.8	2804	-15.8	99.6	65.5	268.4	434.6	438.0	0	95.5	0.612	96.0	100.5	1989	2	8	15	10	850
851	223.4	0.599	80.1	79.8	2801	-14.4	99.7	65.7	279.4	455.0	459.0	0	95.5	0.612	96.0	100.5	1989	2	8	15	13	851
852	223.8	0.600	80.3	79.9	2801	-13.0	99.8	65.8	291.3	473.9	477.3	0	95.5	0.612	96.0	100.5	1989	2	8	15	17	852
853	223.5	0.599	80.3	79.9	2799	-11.7	99.5	65.9	299.5	490.4	494.7	0	95.5	0.612	96.0	100.5	1989	2	8	15	20	853
854	223.6	0.599	80.3	79.9	2797	-10.5	100.1	66.0	306.3	501.1	506.5	0	95.5	0.612	96.0	100.5	1989	2	8	15	31	854
855	223.9	0.600	80.4	80.0	2798	-8.5	100.0	66.2	311.4	512.7	514.2	0	95.5	0.612	96.0	100.5	1989	2	8	15	34	855
856	224.1	0.600	80.5	80.1	2797	-5.9	99.5	66.4	310.8	521.7	520.7	0	95.5	0.612	96.0	100.5	1989	2	8	15	36	856
857	224.0	0.600	80.5	80.1	2796	-3.7	99.2	66.3	311.6	519.5	515.7	0	95.5	0.612	96.0	100.5	1989	2	8	15	39	857
858	224.1	0.601	80.5	80.2	2797	-2.6	99.4	66.2	311.3	515.3	512.8	0	95.5	0.612	96.0	100.5	1989	2	8	15	43	858
859	224.5	0.602	80.6	80.2	2799	-1.6	98.6	66.3	309.8	513.8	510.0	0	95.5	0.612	96.0	100.5	1989	2	8	15	46	859
860	224.5	0.601	80.6	80.2	2801	-7.6	100.6	66.1	307.3	506.1	509.1	0	95.5	0.612	96.0	100.5	1989	2	8	15	49	860
861	224.5	0.601	80.5	80.2	2799	-4.2	100.1	66.5	310.1	514.6	511.9	0	95.5	0.612	96.0	100.5	1989	2	8	15	53	861
862	225.1	0.603	80.5	80.1	2811	-14.3	101.3	63.4	263.1	422.2	424.1	0	95.5	0.612	96.0	100.5	1989	2	8	16	10	862
863	225.2	0.603	80.5	80.1	2810	-13.8	101.2	63.6	266.5	427.8	431.0	0	95.5	0.612	96.0	100.5	1989	2	8	16	14	863
864	225.3	0.604	80.5	80.2	2810	-13.3	100.6	63.9	270.9	437.0	439.3	0	95.5	0.612	96.0	100.5	1989	2	8	16	22	864
865	224.8	0.602	80.5	80.1	2807	-12.2	99.7	64.5	278.7	452.5	455.7	0	95.5	0.612	96.0	100.5	1989	2	8	16	26	865
866	225.1	0.603	80.6	80.2	2807	-11.0	99.2	64.8	286.0	467.4	470.5	0	95.5	0.612	96.0	100.5	1989	2	8	16	29	866
867	224.9	0.603	80.6	80.2	2805	-9.5	99.4	65.1	295.5	486.1	491.2	0	95.5	0.612	96.0	100.5	1989	2	8	16	31	867
868	224.8	0.602	80.6	80.2	2802	-7.4	100.0	65.1	308.2	506.5	510.0	0	95.5	0.612	96.0	100.5	1989	2	8	16	37	868
869	224.6	0.602	80.6	80.2	2800	-5.3	99.8	65.6	314.0	519.4	519.4	0	95.5	0.612	96.0	100.5	1989	2	8	16	46	869
870	224.8	0.602	80.7	80.3	2799	-3.5	100.0	65.7	313.4	520.8	515.7	0	95.5	0.612	96.0	100.5	1989	2	8	16	49	870

SRL Single Tube Flow Instability Test # 4.0
Inconel ID = 0.612"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUN	PTI1		PTO1		PTO3		DPT2		FTI1		FBI1	FMO1		OTI1		TRTO1		TJT12		PPO1		
	TEST	PTI2	PTO2		DPT1		DPT3		FTI2		FXO2	FMO2		TRT11		TJT11		TRT02				
871	4.0	65.0	65.7	65.1	64.8	66.2	3.42	3.50	3.41	9.79	9.85	263.5	0.	8.3	9.2	9.5	121.0	277.3	119.9	121.4	277.2	118.
872	4.0	64.2	65.4	64.9	64.7	65.7	3.02	3.00	3.02	11.65	11.65	263.4	0.	11.2	12.4	11.1	121.0	253.9	119.9	119.0	253.8	117.
873	4.0	64.0	65.1	64.8	64.7	65.6	2.87	2.85	2.86	11.06	11.06	264.0	0.	10.6	11.7	10.6	120.4	260.0	118.8	118.5	259.8	117.
874	4.0	64.6	65.5	65.2	64.9	66.2	3.03	2.99	3.13	9.93	10.09	262.6	0.	9.7	10.1	9.6	121.0	273.5	120.2	117.4	273.5	118.
875	4.0	71.6	78.4	64.5	64.5	66.9	10.75	10.71	10.76	25.64	25.26	259.9	0.	25.3	25.6	24.0	121.5	183.5	120.4	120.2	183.5	108.
876	4.0	77.3	88.2	64.8	64.8	68.3	16.19	0.01	16.32	32.32	32.24	257.4	0.	32.1	32.3	30.4	121.5	187.0	120.5	120.9	187.0	101.
877	4.0	75.0	84.1	64.8	64.7	67.8	13.94	0.01	13.96	29.79	29.57	257.9	0.	29.8	29.9	28.0	121.5	192.5	120.2	120.2	192.4	103.
878	4.0	72.4	79.8	64.7	64.7	67.3	11.43	11.36	11.49	26.83	26.52	259.0	0.	26.7	27.0	25.3	121.5	199.8	120.0	120.7	199.8	106.
879	4.0	70.4	76.2	65.0	64.7	67.1	9.14	9.10	9.13	23.71	23.32	260.2	0.	23.7	23.9	22.1	121.5	210.0	120.9	120.3	210.0	110.
880	4.0	68.4	72.7	64.8	64.6	66.5	7.21	7.19	7.20	20.59	20.24	261.2	0.	20.6	21.0	19.4	121.5	222.2	120.6	120.7	223.2	112.
881	4.0	66.5	69.5	64.4	64.5	66.0	5.63	5.63	5.61	17.49	17.30	260.7	0.	17.5	18.0	16.5	120.5	240.1	119.1	119.6	240.1	114.
882	4.0	66.3	69.1	64.9	64.7	66.2	4.99	4.95	4.99	16.18	15.98	261.9	0.	16.0	16.8	15.2	121.6	248.7	121.0	120.6	248.7	115.
883	4.0	65.9	67.9	64.8	64.7	65.8	4.74	4.76	4.68	14.61	14.49	262.5	0.	14.5	15.4	13.9	121.7	263.7	121.0	120.7	263.7	116.
884	4.0	66.1	67.8	64.7	64.7	66.0	5.11	5.04	5.02	13.78	13.66	263.3	0.	14.4	15.4	13.0	121.5	272.0	120.2	120.2	272.0	115.
885	4.0	66.9	68.1	64.9	64.7	66.4	5.35	5.12	5.36	13.47	13.27	263.1	0.	13.6	13.9	12.8	120.7	275.0	119.3	119.4	275.0	116.
886	4.0	66.2	68.1	65.1	65.0	66.4	4.80	4.69	4.72	14.43	13.99	263.3	0.	14.3	15.1	13.4	120.7	267.0	119.9	119.5	267.1	116.
887	4.0	65.9	68.2	64.6	64.7	66.0	4.85	4.82	4.82	15.34	15.16	262.0	0.	15.1	16.0	14.4	121.0	256.6	119.7	119.8	256.6	115.
888	4.0	71.6	78.4	64.7	64.7	67.1	10.58	10.51	10.58	25.69	25.31	259.1	0.	25.6	25.8	24.2	121.5	203.5	120.1	120.3	203.5	108.
889	4.0	77.1	88.1	64.6	64.6	67.9	16.11	0.01	16.25	32.17	31.94	257.6	0.	31.7	32.0	30.0	76.5	142.5	75.6	75.1	142.5	101.
890	4.0	74.0	82.7	64.8	64.7	67.5	12.86	12.55	12.94	28.55	28.21	257.3	0.	28.1	28.4	26.8	77.7	152.0	77.0	77.0	152.0	105.
891	4.0	71.4	78.3	64.8	64.7	67.0	10.35	10.26	10.37	25.43	24.98	259.0	0.	25.2	25.4	24.0	77.7	160.5	76.7	76.8	160.5	108.
892	4.0	68.7	73.7	64.6	64.6	66.5	7.82	7.78	7.79	21.99	21.48	259.8	0.	21.6	22.0	20.6	77.2	172.5	76.1	76.0	172.5	112.
893	4.0	66.9	70.4	64.8	64.7	66.5	5.73	5.65	5.74	18.61	18.17	261.1	0.	18.1	18.7	17.5	77.4	190.0	76.6	76.2	190.0	114.
894	4.0	65.4	67.9	64.7	64.7	66.0	4.35	4.33	4.32	15.62	15.38	261.6	0.	15.1	15.9	14.6	77.9	211.0	76.7	77.0	211.0	117.
895	4.0	64.8	66.7	64.7	64.7	65.9	3.72	3.70	3.71	13.95	13.67	262.2	0.	13.4	14.3	13.1	77.8	226.5	77.2	76.8	226.6	117.
896	4.0	64.4	65.7	64.8	64.7	65.7	3.21	3.20	3.18	12.18	11.88	260.9	0.	11.4	12.6	11.3	77.5	249.0	76.8	76.7	249.0	118.
897	4.0	64.5	65.7	64.7	64.7	65.9	3.50	3.37	3.54	11.02	10.65	263.5	0.	10.2	11.5	10.2	77.4	268.0	76.2	76.7	268.0	119.
898	4.0	65.3	66.3	65.0	64.9	66.1	4.10	4.05	4.04	10.75	10.34	263.3	0.	10.5	11.8	10.0	77.5	274.0	76.1	76.7	274.2	118.
899	4.0	64.5	65.6	64.9	64.7	65.8	3.30	3.34	3.29	11.24	11.09	262.1	0.	10.6	11.9	10.6	77.5	261.5	76.7	76.4	261.5	118.
900	4.0	64.5	66.1	64.9	64.7	65.8	3.39	3.37	3.38	12.49	12.28	263.4	0.	12.4	13.4	11.8	77.5	243.9	76.7	76.7	243.9	117.
901	4.0	64.5	66.4	64.6	64.6	65.7	3.60	3.60	3.57	13.20	12.99	262.7	0.	12.6	13.7	12.5	77.5	235.3	76.1	77.7	235.2	117.
902	4.0	64.9	67.2	64.8	64.7	65.9	3.90	3.90	3.90	14.28	14.01	262.4	0.	14.0	14.9	13.5	76.4	222.9	75.5	75.3	222.8	117.
903	4.0	64.1	65.5	64.6	64.6	65.6	3.28	3.26	3.25	11.91	11.66	263.4	0.	11.2	12.5	11.2	77.5	253.4	76.6	76.9	253.4	117.
904	4.0	64.7	66.8	64.6	64.7	65.9	3.77	3.75	3.76	13.77	13.56	261.5	0.	13.2	14.2	12.9	77.7	229.5	76.9	77.0	229.5	117.
905	4.0	75.2	85.1	64.6	64.6	67.5	14.36	12.73	14.41	30.33	30.00	256.5	0.	30.0	30.2	28.4	76.5	146.9	75.6	75.7	146.8	104.
906	4.0	75.3	85.0	65.0	64.7	68.0	13.94	-0.01	14.07	30.17	29.88	257.2	0.	30.2	30.3	28.2	77.5	164.3	76.6	76.5	164.4	103.
907	4.0	76.7	87.9	64.6	64.7	67.9	15.85	0.00	15.89	32.30	32.10	256.5	0.	32.2	32.3	30.1	78.0	159.1	77.1	76.5	159.2	101.
908	4.0	72.8	80.9	64.6	64.6	67.2	11.91	11.83	11.92	27.75	27.35	257.5	0.	27.6	27.9	25.8	77.3	171.5	76.3	76.2	171.5	106.
909	4.0	70.9	77.7	64.6	64.6	67.0	9.98	9.92	9.97	25.20	24.78	256.8	0.	25.2	25.4	23.6	77.9	181.5	76.7	76.7	181.5	109.
910	4.0	69.0	74.3	64.5	64.5	66.6	8.07	8.04	8.05	22.44	21.98	258.6	0.	22.3	22.7	20.9	77.2	193.3	75.9	76.0	193.3	111.
911	4.0	67.8	71.9	64.8	64.7	66.5	6.61	6.55	6.59	19.84	19.44	260.0	0.	19.8	20.3	18.7	77.6	209.5	77.0	76.5	209.6	113.
912	4.0	66.6	69.8	64.6	64.7	66.1	5.63	5.62	5.58	17.60	17.27	260.6	0.	17.5	18.2	16.5	77.8	226.0	76.7	76.3	226.0	115.
913	4.0	65.9	68.2	65.1	64.9	66.2	4.74	4.73	4.73	15.35	14.55	261.8	0.	14.7	15.7	14.0	77.5	252.5	77.0	76.7	252.6	116.
914	4.0	70.1	71.8	65.5	65.5	69.1	8.21	8.08	8.17	12.38	12.25	262.8	0.	14.2	15.2	11.6	77.0	283.5	76.1	75.9	283.5	119.
915	4.0	66.1	68.2	64.9	64.8	66.1	4.83	4.83	4.84	14.35	14.26	262.6	0.	14.3	15.2	13.6	76.9	256.5	76.3	75.7	256.5	117.
916	4.0	66.4	68.2	64.7	64.7	66.1	5.44	5.35	5.40	13.94	13.48	261.3	0.	13.6	14.2	12.9	77.8	267.5	76.2	76.7	267.5	116.
917	4.0	65.9	68.4	64.7	64.7	65.9	4.97	4.96	4.96	15.33	15.08	260.9	0.	15.3	15.9	14.2	76.5	246.5	75.5	75.5	246.5	116.
918	4.0	66.1	68.9	64.5	64.6	65.9	5.28	5.27	5.27	16.35	16.03	261.4	0.	16.1	16.9	15.4	76.4	235.5	75.5	75.0	235.5	115.
919	4.0	73.7	82.4	64.8	64.7	67.3	12.64	12.42	12.70	28.51	28.22	257.6	0.	28.5	28.7	26.7	77.5	170.0	76.7	76.3	170.0	105.
920	4.0	77.1	87.8	64.7	64.7	68.2	15.94	12.72	16.07	32.39	32.26	256.9	0.	32.5	32.7	30.3	120.5	202.0	119.5	118.7	202.0	101.

SRL Single Tube Flow Instability Test # 4.0
Inconel ID = 0.612"

1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
871	51.2	447.7	458.3	476.5	490.2	498.7	498.5	501.6	508.2	497.2	503.3	502.5	505.8	506.3	500.7	501.3	499.4	496.7	501.8
872	50.3	427.0	437.2	461.9	470.7	487.0	486.5	491.9	497.7	490.8	496.2	497.6	502.4	503.6	496.2	499.8	497.8	496.7	501.1
873	50.1	429.1	443.6	463.5	477.4	490.9	490.4	495.5	501.4	493.7	499.6	500.5	504.4	505.8	499.1	501.6	499.8	498.4	502.8
874	50.4	439.5	452.9	472.2	487.0	497.0	496.5	500.5	507.0	496.1	502.7	502.5	505.8	506.0	500.0	501.3	499.4	497.0	501.6
875	42.2	382.1	386.3	407.9	404.1	412.6	413.3	420.9	427.2	430.4	429.2	432.6	434.2	438.7	430.0	437.8	434.4	434.4	434.9
876	36.3	432.3	448.0	452.8	464.9	474.4	474.6	481.8	488.4	487.2	489.7	492.9	498.1	501.8	490.6	497.7	495.3	495.3	496.9
877	38.5	437.2	452.4	458.7	470.5	480.5	480.4	489.0	495.4	494.6	497.0	500.4	505.4	509.9	498.6	505.6	503.4	503.3	504.9
878	41.4	442.5	458.4	465.9	478.0	489.6	490.0	499.2	505.8	505.4	508.3	511.8	517.1	521.7	509.7	516.9	514.3	514.3	516.3
879	44.1	451.0	466.2	475.3	489.3	501.7	502.3	513.0	519.0	518.8	522.2	524.9	530.9	534.9	523.7	529.9	527.9	527.6	530.1
880	44.6	461.9	478.2	489.4	503.7	518.8	518.8	529.1	536.3	532.7	537.6	539.2	545.0	546.9	536.7	542.6	541.1	538.7	541.3
881	46.3	474.0	492.1	503.1	521.0	536.9	536.9	542.7	550.3	545.7	551.1	552.0	557.2	561.0	551.3	554.9	554.1	552.8	552.5
882	47.5	472.0	494.0	499.7	524.9	541.2	540.1	544.5	552.1	544.6	552.8	552.2	560.4	566.8	556.3	554.0	555.2	556.2	561.2
883	47.8	485.8	508.0	516.1	540.6	552.6	551.7	553.6	561.3	550.7	559.7	557.0	564.0	563.0	557.1	554.4	553.3	550.1	555.2
884	47.6	490.4	512.1	521.6	546.0	555.5	555.2	556.4	564.7	550.8	559.5	556.6	563.0	562.3	554.9	554.3	552.7	549.1	554.2
885	48.2	495.2	515.2	525.8	548.0	555.3	555.1	556.6	564.3	548.3	556.2	554.3	560.8	560.1	551.5	552.4	551.0	546.7	551.6
886	48.6	487.0	509.0	518.2	541.9	550.9	550.8	554.9	561.7	547.0	556.0	554.2	560.8	560.1	551.6	552.4	551.3	547.3	552.6
887	47.0	485.1	504.1	519.3	535.1	546.5	546.4	551.0	557.9	548.0	554.4	554.0	559.8	559.8	551.1	554.8	552.5	549.3	553.1
888	41.3	455.5	463.4	485.8	484.9	495.1	496.1	505.8	513.0	515.9	515.0	518.8	522.2	526.7	515.6	524.1	520.9	520.3	521.4
889	34.7	411.0	425.3	429.2	438.9	446.3	446.5	452.4	458.5	457.6	459.3	462.5	466.8	470.7	459.7	467.6	464.8	464.3	465.3
890	38.4	417.0	434.4	436.6	450.3	457.6	457.9	464.4	470.8	468.7	472.2	475.6	480.1	484.4	472.7	480.5	477.9	477.5	478.7
891	41.4	425.3	441.9	446.4	458.1	467.1	467.2	475.2	481.4	481.2	483.7	487.0	492.3	496.3	485.0	492.6	490.2	489.7	491.1
892	44.0	432.4	452.4	452.8	470.4	481.2	481.6	491.1	497.3	494.0	500.1	502.9	510.2	514.2	501.7	508.7	506.8	507.1	509.3
893	46.5	445.7	466.6	466.2	487.0	500.5	500.9	513.0	519.0	515.0	522.9	525.0	533.1	536.9	524.7	529.6	528.6	527.9	532.1
894	48.2	456.7	480.1	480.3	504.4	521.7	521.3	532.3	538.7	531.2	541.3	540.9	548.7	552.3	542.2	543.7	543.6	542.5	547.2
895	48.8	470.7	491.1	500.4	518.4	536.2	536.3	543.4	550.2	545.3	551.6	551.6	558.1	562.6	552.7	555.2	554.4	553.3	556.5
896	49.8	480.8	499.5	511.3	534.1	548.4	548.4	551.7	559.5	551.5	558.9	558.9	564.9	567.1	559.5	559.2	558.7	554.7	559.9
897	49.9	495.3	517.1	522.9	547.2	552.9	552.2	556.2	563.4	550.8	557.2	556.6	561.4	561.7	553.3	555.4	553.5	549.5	552.9
898	49.8	507.4	528.5	528.2	549.6	554.0	553.4	556.6	564.2	550.0	556.6	555.7	561.2	560.7	552.3	554.9	552.7	548.5	552.9
899	49.5	507.1	522.1	527.3	544.6	549.0	548.7	553.3	560.6	549.2	555.6	555.4	560.9	560.7	552.4	555.3	553.1	549.2	553.0
900	48.9	493.2	505.8	521.6	533.9	542.7	542.8	547.3	554.5	546.7	552.1	553.2	559.3	560.2	551.0	555.3	553.1	550.4	554.2
901	48.6	480.7	499.7	513.6	527.3	539.0	538.8	543.5	550.1	543.9	548.9	551.0	556.2	557.9	548.3	554.1	551.7	548.9	552.5
902	48.2	474.8	494.4	505.4	519.5	533.0	532.7	538.6	545.4	538.8	543.9	546.1	551.5	553.6	543.4	549.9	547.5	545.7	548.4
903	48.7	490.6	508.7	519.4	540.6	547.4	546.9	551.6	558.7	548.3	555.1	555.3	561.0	561.4	552.4	556.5	554.2	550.7	553.2
904	48.4	487.2	501.3	516.2	525.3	536.8	536.7	542.4	548.8	543.9	547.1	549.8	554.5	556.2	546.4	552.9	550.7	548.0	550.5
905	37.0	420.0	431.0	443.3	445.4	452.7	453.3	459.2	466.4	467.5	467.3	470.9	474.1	478.0	467.4	476.7	473.3	472.7	473.2
906	37.1	482.0	502.1	502.5	517.9	527.1	527.5	531.7	542.5	540.5	543.5	546.9	553.6	558.5	544.7	552.7	550.3	549.8	551.2
907	35.2	479.3	496.8	500.1	511.7	519.7	520.1	527.1	534.9	534.1	535.8	539.6	544.9	549.8	536.5	545.3	542.4	541.6	542.6
908	39.5	488.4	506.7	509.1	525.0	534.6	535.1	543.2	551.3	549.9	552.7	556.4	563.1	568.0	554.0	562.6	560.3	559.1	561.3
909	41.8	495.7	516.1	517.3	535.4	545.9	546.0	555.8	563.8	561.5	565.6	569.2	576.3	580.9	567.1	574.7	572.9	571.5	574.2
910	43.8	504.1	527.2	525.7	546.5	559.5	559.5	570.4	578.1	573.1	580.0	581.7	589.8	593.5	580.8	586.2	584.7	582.5	586.6
911	45.9	519.5	542.0	542.0	564.7	579.5	579.3	587.5	595.4	587.9	595.9	596.0	604.4	607.5	595.4	599.3	598.5	596.4	599.8
912	46.9	533.6	555.0	555.2	579.1	592.6	592.5	596.9	605.8	599.3	605.5	605.9	613.4	617.8	606.0	609.8	609.1	607.0	609.0
913	48.7	541.5	567.9	566.7	596.2	604.8	603.4	606.4	615.6	602.7	612.1	610.5	618.1	617.4	608.5	610.5	608.7	604.2	607.7
914	51.1	561.7	588.6	580.1	607.1	611.9	611.3	612.5	620.3	604.4	611.9	611.2	617.4	617.1	606.9	609.9	607.6	601.8	606.0
915	48.6	554.5	576.3	579.0	598.6	601.5	601.5	605.0	613.0	601.7	608.1	608.5	615.0	615.0	604.9	607.9	606.5	601.1	605.3
916	48.4	563.8	584.1	584.1	603.3	606.2	605.6	608.3	616.4	602.0	608.6	608.1	614.3	613.7	603.3	606.8	604.7	598.8	603.4
917	47.9	557.4	574.1	580.8	595.4	598.2	598.4	602.2	610.7	600.6	606.3	607.1	613.4	613.8	603.1	607.3	605.5	600.5	605.1
918	47.3	542.9	562.6	570.2	587.2	592.9	592.4	596.8	604.8	597.5	602.2	604.1	610.4	611.5	600.8	606.6	604.3	599.9	604.3
919	38.9	503.6	511.6	530.1	528.9	536.7	537.1	545.4	554.2	558.0	555.5	560.5	563.6	568.5	555.9	566.7	562.8	561.2	561.8
920	35.8	499.8	517.8	526.6	539.0	549.0	549.5	557.7	565.8	564.5	567.1	570.8	576.5	581.0	567.9	577.2	573.8	572.4	574.2

SRL Single Tube Flow Instability Test # 4.0

Inconel

ID = 0.612"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VLTB	CURRT	HRATIO	TEW06S	TKW01S	VL	HL	YEAR	DAY	MIN											
	HFLX	VLTT	QUALITY	DPP1	TKW07N	BL	ID	DPL	MONTH	HRS	RUN											
871	224.4	0.801	80.6	80.2	2799	-2.3	99.5	65.5	310.7	515.7	512.5	0	95.5	0.612	96.0	100.5	1989	2	8	16	53	871
872	224.2	0.801	80.6	80.2	2797	-4.9	100.1	65.2	310.0	511.3	511.9	0	95.5	0.612	96.0	100.5	1989	2	8	16	56	872
873	224.6	0.802	80.6	80.3	2799	-4.2	99.7	65.4	311.3	512.9	512.2	0	95.5	0.612	96.0	100.5	1989	2	8	17	0	873
874	224.0	0.600	80.5	80.1	2795	-2.7	99.7	65.7	311.1	514.7	511.3	0	95.5	0.612	96.0	100.5	1989	2	8	17	7	874
875	224.8	0.602	80.5	80.1	2805	-12.7	100.7	63.9	276.2	443.4	446.7	0	95.5	0.612	96.0	100.5	1989	2	8	17	11	875
876	299.6	0.803	93.0	92.6	3235	-12.4	101.7	63.0	308.7	509.4	511.9	0	95.5	0.612	96.0	100.5	1989	2	8	17	18	876
877	299.3	0.802	93.0	92.6	3232	-11.8	101.3	63.4	313.0	517.0	519.4	0	95.5	0.612	96.0	100.5	1989	2	8	17	24	877
878	298.7	0.800	92.9	92.5	3231	-10.9	100.4	63.7	318.7	528.1	531.8	0	95.5	0.612	96.0	100.5	1989	2	8	17	29	878
879	298.9	0.801	93.0	92.6	3230	-9.8	99.8	64.0	325.8	542.5	545.3	0	95.5	0.612	96.0	100.5	1989	2	8	17	37	879
880	300.0	0.804	93.2	92.8	3231	-8.2	99.3	65.7	331.8	555.3	556.8	0	95.5	0.612	96.0	100.5	1989	2	8	18	8	880
881	299.9	0.804	93.3	92.8	3230	-6.4	99.9	66.2	337.9	568.6	566.3	0	95.5	0.612	96.0	100.5	1989	2	8	18	11	881
882	296.3	0.794	92.8	92.3	3210	-5.4	99.3	65.9	341.9	575.2	576.1	0	95.5	0.612	96.0	100.5	1989	2	8	18	48	882
883	299.3	0.802	93.3	92.8	3225	-3.8	99.7	66.1	338.8	573.5	569.0	0	95.5	0.612	96.0	100.5	1989	2	8	18	52	883
884	299.7	0.803	93.3	92.9	3227	-2.8	99.6	66.1	337.8	572.5	567.3	0	95.5	0.612	96.0	100.5	1989	2	8	18	55	884
885	299.0	0.801	93.2	92.8	3224	-2.5	99.5	66.4	336.4	570.1	565.1	0	95.5	0.612	96.0	100.5	1989	2	8	18	58	885
886	299.1	0.801	93.3	92.8	3224	-3.4	99.3	65.9	337.1	571.1	566.8	0	95.5	0.612	96.0	100.5	1989	2	8	19	17	886
887	299.0	0.801	93.2	92.8	3222	-4.6	99.7	65.9	337.4	569.8	566.9	0	95.5	0.612	96.0	100.5	1989	2	8	19	30	887
888	299.1	0.801	93.1	92.7	3227	-10.5	100.3	64.9	320.5	532.5	535.5	0	95.5	0.612	96.0	100.5	1989	2	8	19	33	888
889	301.3	0.807	93.3	92.9	3244	-17.3	101.7	64.7	291.0	478.3	481.1	0	95.5	0.612	96.0	100.5	1989	2	8	19	48	889
890	301.1	0.807	93.3	92.9	3241	-16.3	101.2	65.3	297.5	491.7	495.2	0	95.5	0.612	96.0	100.5	1989	2	8	19	51	890
891	299.7	0.803	93.1	92.7	3233	-15.3	100.3	65.3	304.5	504.2	507.5	0	95.5	0.612	96.0	100.5	1989	2	8	19	56	891
892	299.8	0.803	93.2	92.8	3232	-13.8	99.3	65.8	312.2	522.5	525.6	0	95.5	0.612	96.0	100.5	1989	2	8	19	59	892
893	299.9	0.804	93.2	92.8	3231	-11.9	99.3	65.9	322.7	546.5	547.9	0	95.5	0.612	96.0	100.5	1989	2	8	20	1	893
894	298.6	0.800	93.0	92.6	3223	-9.7	99.9	66.3	325.1	561.3	562.6	0	95.5	0.612	96.0	100.5	1989	2	8	20	3	894
895	298.8	0.801	93.1	92.7	3223	-7.8	99.2	66.5	336.6	570.7	571.3	0	95.5	0.612	96.0	100.5	1989	2	8	20	7	895
896	298.4	0.799	93.1	92.7	3220	-5.4	99.7	66.7	338.5	577.6	572.0	0	95.5	0.612	96.0	100.5	1989	2	8	20	9	896
897	298.9	0.801	93.2	92.8	3221	-3.2	99.4	66.7	335.9	571.1	566.6	0	95.5	0.612	96.0	100.5	1989	2	8	20	11	897
898	299.3	0.802	93.3	92.8	3225	-2.5	99.3	66.8	336.4	570.2	566.8	0	95.5	0.612	96.0	100.5	1989	2	8	20	14	898
899	299.7	0.803	93.3	92.9	3226	-4.0	99.5	66.8	336.4	570.8	567.3	0	95.5	0.612	96.0	100.5	1989	2	8	20	17	899
900	300.0	0.804	93.3	92.9	3229	-5.9	99.5	66.5	336.6	569.9	568.5	0	95.5	0.612	96.0	100.5	1989	2	8	20	19	900
901	299.5	0.803	93.3	92.8	3227	-6.9	99.7	66.4	336.8	567.0	567.1	0	95.5	0.612	96.0	100.5	1989	2	8	20	24	901
902	300.3	0.805	93.4	93.0	3230	-8.3	99.7	66.2	335.0	562.4	563.3	0	95.5	0.612	96.0	100.5	1989	2	8	20	30	902
903	300.5	0.805	93.4	93.0	3230	-4.9	99.7	66.6	337.7	570.4	567.8	0	95.5	0.612	96.0	100.5	1989	2	8	20	34	903
904	300.0	0.804	93.3	92.9	3229	-7.6	100.0	66.5	335.6	564.5	565.4	0	95.5	0.612	96.0	100.5	1989	2	8	20	36	904
905	301.5	0.808	93.3	92.9	3245	-16.8	101.8	64.8	295.9	484.6	487.2	0	95.5	0.612	96.0	100.5	1989	2	8	20	42	905
906	373.7	1.001	104.0	103.6	3606	-14.9	101.0	64.6	337.1	567.0	570.3	0	95.5	0.612	96.0	100.5	1989	2	8	20	57	906
907	372.1	0.997	103.9	103.4	3599	-15.5	101.7	64.4	332.6	557.9	561.4	0	95.5	0.612	96.0	100.5	1989	2	8	21	0	907
908	371.7	0.996	103.8	103.4	3596	-14.1	100.9	64.8	342.1	575.9	580.0	0	95.5	0.612	96.0	100.5	1989	2	8	21	5	908
909	371.3	0.995	103.9	103.3	3594	-13.0	100.5	65.4	348.8	589.3	592.9	0	95.5	0.612	96.0	100.5	1989	2	8	21	8	909
910	372.2	0.997	104.0	103.5	3596	-11.6	99.9	65.4	353.7	603.0	604.9	0	95.5	0.612	96.0	100.5	1989	2	8	21	10	910
911	375.3	1.005	104.5	104.0	3608	-9.8	99.5	65.6	362.0	617.2	618.5	0	95.5	0.612	96.0	100.5	1989	2	8	21	13	911
912	374.7	1.004	104.4	103.9	3605	-7.9	99.6	66.1	367.2	627.7	625.8	0	95.5	0.612	96.0	100.5	1989	2	8	21	18	912
913	374.4	1.003	104.4	103.9	3602	-5.0	99.3	66.2	359.8	630.0	623.6	0	95.5	0.612	96.0	100.5	1989	2	8	21	19	913
914	374.4	1.003	104.5	104.0	3601	-1.4	98.9	66.4	362.1	628.9	622.0	0	95.5	0.612	96.0	100.5	1989	2	8	21	21	914
915	374.4	1.003	104.4	104.0	3601	-4.6	99.9	66.0	363.8	626.6	621.8	0	95.5	0.612	96.0	100.5	1989	2	8	21	23	915
916	375.1	1.005	104.7	104.0	3606	-3.3	99.5	66.2	364.8	624.3	620.1	0	95.5	0.612	96.0	100.5	1989	2	8	21	31	916
917	374.8	1.004	104.4	104.0	3605	-5.7	99.9	65.7	364.1	623.8	621.4	0	95.5	0.612	96.0	100.5	1989	2	8	21	33	917
918	374.1	1.002	104.3	103.9	3601	-6.8	99.4	65.9	365.2	622.1	621.0	0	95.5	0.612	96.0	100.5	1989	2	8	21	39	918
919	375.2	1.005	104.4	103.9	3611	-14.3	101.2	64.4	343.2	575.5	579.6	0	95.5	0.612	96.0	100.5	1989	2	8	21	42	919
920	374.7	1.004	104.3	103.9	3607	-10.8	101.5	63.4	349.4	589.3	592.9	0	95.5	0.612	96.0	100.5	1989	2	8	21	51	920

SRL Single Tube Flow Instability Test # 4.0

Inconel

ID = 0.612"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FB11	FMO1	OTI1	TRTO1	TJT12	PPO1											
TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRT11	TJT11	TRT02												
921	4.0	74.9	84.0	64.5	64.5	67.7	13.88	12.73	13.94	29.90	29.70	258.6	0.	30.1	30.3	28.1	121.1	209.0	120.3	120.1	209.0	103.
922	4.0	73.0	80.9	64.6	64.6	67.3	12.04	11.95	12.08	27.67	27.36	257.8	0.	27.7	28.1	26.0	121.9	217.0	120.7	120.7	217.0	106.
923	4.0	71.6	78.2	64.7	64.7	67.2	10.50	10.38	10.51	25.48	25.14	259.3	0.	25.7	26.0	24.0	120.3	223.0	118.8	119.1	223.0	108.
924	4.0	70.3	75.9	64.6	64.6	66.8	9.33	9.29	9.31	23.52	23.20	259.6	0.	23.9	24.1	22.1	120.3	231.1	119.1	119.1	231.3	109.
925	4.0	69.4	74.0	64.8	64.7	66.7	8.23	8.16	8.23	21.58	21.23	260.5	0.	21.7	22.2	20.4	120.4	241.5	119.4	119.1	241.5	111.
926	4.0	68.6	72.3	65.1	64.9	66.7	7.15	7.08	7.13	19.42	18.85	260.5	0.	19.5	20.1	18.0	121.2	257.5	120.0	119.5	257.5	113.
927	4.0	69.1	72.0	65.1	64.9	67.6	7.55	7.46	7.67	16.96	16.75	261.2	0.	17.5	18.1	16.1	120.0	273.0	118.7	118.7	273.0	115.
928	4.0	71.8	74.3	65.0	64.9	69.6	10.27	10.26	10.08	15.94	15.77	262.2	0.	16.7	16.7	15.1	121.1	283.2	119.4	119.9	283.2	117.
929	4.0	68.4	71.7	64.9	64.9	66.8	7.15	7.14	7.13	17.67	17.48	261.5	0.	18.0	18.8	16.8	120.4	266.6	118.8	118.5	266.6	113.
930	4.0	68.2	71.7	64.9	64.8	66.6	7.05	7.01	7.06	18.24	17.96	260.8	0.	18.5	19.3	17.2	121.5	263.6	120.4	119.7	263.5	113.
931	4.0	68.7	72.7	64.5	64.6	66.4	7.66	7.61	7.64	20.08	19.75	259.9	0.	20.3	20.6	18.9	121.5	252.0	120.4	120.4	252.0	112.
932	4.0	69.0	73.3	64.8	64.7	66.7	7.82	7.78	7.82	20.31	20.19	259.9	0.	21.0	21.3	19.3	120.7	248.0	119.9	119.3	248.0	112.
933	4.0	68.5	72.3	64.9	64.9	66.7	7.29	7.26	7.27	19.21	18.89	260.8	0.	19.4	20.0	18.1	120.4	256.0	119.1	118.7	256.0	113.
934	4.0	69.5	74.2	64.8	64.7	66.8	8.24	8.16	8.30	21.55	21.20	260.9	0.	21.7	22.2	20.3	120.5	241.5	119.4	118.8	241.5	111.
935	4.0	78.0	88.6	64.7	64.7	68.1	16.87	12.74	17.00	32.07	32.00	257.9	0.	31.7	31.9	30.0	120.8	153.5	119.7	119.4	153.5	101.
936	4.0	75.7	84.8	64.8	64.7	67.9	14.46	12.74	14.53	29.42	29.19	258.0	0.	28.9	29.3	27.7	121.2	156.5	119.4	119.6	156.5	104.
937	4.0	73.0	80.2	64.9	64.9	67.4	11.74	11.64	11.83	26.53	26.07	259.4	0.	26.0	26.4	24.7	121.4	161.5	120.2	119.6	161.4	106.
938	4.0	70.6	76.3	64.6	64.7	66.9	9.52	9.45	9.53	23.44	23.17	259.5	0.	23.0	23.6	22.2	121.5	166.2	119.7	120.0	166.2	110.
939	4.0	68.7	73.4	64.8	64.7	66.7	7.59	7.54	7.57	20.77	20.47	260.5	0.	20.3	20.9	19.7	121.0	171.0	120.4	119.1	171.0	113.
940	4.0	67.2	70.4	64.8	64.7	66.4	6.01	5.96	5.97	18.25	18.02	261.7	0.	17.6	18.4	17.3	121.5	178.8	120.2	120.3	178.7	114.
941	4.0	65.7	68.1	64.8	64.7	66.3	4.44	4.41	4.41	15.47	15.35	262.6	0.	14.8	15.7	14.5	120.6	188.0	118.8	119.2	188.0	117.
942	4.0	64.5	66.4	64.4	64.5	65.8	3.68	3.64	3.67	13.90	13.86	261.8	0.	13.0	14.1	13.2	121.0	195.5	119.7	119.6	195.5	117.
943	4.0	63.9	65.4	64.4	64.5	65.7	3.15	3.13	3.13	12.64	12.61	262.1	0.	11.9	13.0	12.0	120.5	201.6	118.9	118.5	201.7	118.
944	4.0	63.7	64.7	64.5	64.6	65.7	2.70	2.67	2.68	11.49	11.53	262.7	0.	10.5	11.9	11.0	120.5	208.5	119.6	117.0	208.5	118.
945	4.0	63.4	64.3	64.6	64.7	65.7	2.31	2.29	2.31	10.37	10.54	263.6	0.	9.5	10.9	10.0	120.1	216.5	118.4	117.3	216.5	118.
946	4.0	62.9	63.6	64.4	64.5	65.5	1.99	1.97	2.00	9.24	9.57	264.8	0.	8.1	9.8	9.2	121.5	227.5	120.2	118.3	227.5	119.
947	4.0	62.9	63.5	64.7	64.7	65.7	1.71	1.68	1.70	7.97	8.53	263.7	0.	7.7	9.0	8.2	120.9	240.5	120.8	117.7	240.6	120.
948	4.0	62.8	63.1	64.7	64.7	65.6	1.50	1.48	1.50	7.07	7.56	263.8	0.	6.2	8.2	7.4	120.6	255.0	119.4	118.4	255.0	120.
949	4.0	62.6	62.9	64.6	64.7	65.4	1.61	1.59	1.61	5.42	6.48	265.6	0.	5.3	7.5	6.3	120.4	275.5	119.2	117.2	275.5	119.
950	4.0	64.0	64.1	64.7	64.7	64.9	2.81	2.75	2.77	4.72	5.89	264.8	0.	6.7	8.8	5.6	121.5	295.4	119.2	119.9	295.5	117.
951	4.0	62.7	62.9	64.7	64.7	65.5	1.45	1.44	1.43	6.27	6.95	264.5	0.	5.4	7.5	6.7	120.6	266.0	120.2	116.4	266.0	120.
952	4.0	66.5	69.5	64.8	64.7	66.3	5.40	5.36	5.38	17.27	17.12	262.0	0.	16.6	17.5	16.4	121.5	182.5	119.8	119.9	182.5	114.
953	4.0	78.4	89.6	65.0	64.9	68.3	17.20	12.74	17.30	31.75	31.64	256.6	0.	31.2	31.6	29.8	76.1	109.8	74.8	74.7	110.0	102.
954	4.0	75.2	83.9	64.5	64.6	67.5	14.16	12.74	14.21	28.57	28.36	258.3	0.	28.1	28.6	26.7	77.5	114.5	76.0	76.2	114.5	105.
955	4.0	72.6	79.7	64.7	64.7	67.3	11.56	11.49	11.61	26.06	25.36	258.8	0.	25.1	25.7	24.1	76.1	117.1	75.2	74.9	117.1	108.
956	4.0	70.5	76.3	64.9	64.7	67.0	9.37	9.33	9.44	22.99	22.61	260.3	0.	22.4	23.0	21.7	76.9	122.1	75.9	75.7	122.2	111.
957	4.0	68.1	72.3	64.8	64.7	66.7	7.02	6.98	7.02	19.84	19.47	261.2	0.	19.2	19.8	18.7	77.6	130.6	76.1	76.3	130.5	114.
958	4.0	66.4	69.3	64.9	64.8	66.5	5.03	4.99	4.99	16.55	16.22	260.4	0.	15.7	16.5	15.6	76.1	139.2	75.1	75.1	139.4	117.
959	4.0	64.6	66.4	64.5	64.6	66.0	3.58	3.55	3.59	13.74	13.57	261.9	0.	13.2	13.9	13.0	77.9	153.5	76.5	76.5	153.5	117.
960	4.0	63.9	65.3	64.8	64.7	65.9	2.80	2.78	2.79	11.87	11.79	263.1	0.	10.9	12.1	11.3	77.7	164.1	76.8	77.0	164.1	119.
961	4.0	63.1	64.0	64.7	64.7	65.7	2.03	2.03	2.00	10.18	9.79	262.0	0.	9.1	10.1	9.5	77.6	181.2	76.7	77.0	181.3	120.
962	4.0	62.5	62.9	64.6	64.7	65.7	1.45	1.42	1.44	8.10	8.00	264.1	0.	6.5	8.4	7.7	77.6	203.1	76.4	76.7	203.1	120.
963	4.0	62.4	62.7	64.7	64.7	65.7	1.21	1.19	1.22	6.86	7.05	264.7	0.	5.5	7.4	6.9	77.7	219.2	76.6	77.0	219.4	120.
964	4.0	62.2	62.3	64.7	64.7	65.6	0.96	0.95	0.98	5.16	5.74	264.1	0.	0.3	6.1	5.5	77.9	243.8	76.9	76.8	243.9	121.
965	4.0	62.1	62.2	64.7	64.7	65.4	0.96	0.95	0.97	5.13	5.75	264.9	0.	0.2	6.1	5.6	76.1	249.6	74.6	74.9	249.6	121.
966	4.0	62.4	62.4	65.0	64.9	65.5	1.00	1.01	1.00	4.33	5.26	263.4	0.	0.2	5.7	5.0	76.6	267.8	75.4	75.7	267.7	122.
967	4.0	62.5	62.6	65.0	65.0	65.6	1.31	1.30	1.32	3.75	5.00	262.8	0.	0.2	5.4	4.8	77.1	278.1	76.0	76.0	278.1	121.
968	4.0	62.3	62.5	64.8	64.7	65.7	1.07	1.07	1.07	6.12	6.47	264.6	0.	4.6	6.8	6.2	77.8	232.2	76.3	76.9	232.3	121.
969	4.0	62.7	63.4	64.6	64.6	65.6	1.71	1.70	1.72	9.07	8.98	264.3	0.	7.5	9.2	8.5	77.6	191.6	76.3	77.0	191.6	120.
970	4.0	76.9	86.8	64.9	64.7	67.7	15.65	0.00	15.69	30.18	30.02	256.7	0.	29.7	30.1	28.4	77.0	112.1	76.4	76.1	112.0	104.

SRL Single Tube Flow Instability Test # 4.0

Inconel

ID = 0.612"

1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
	PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E									
921	37.9	501.8	521.7	529.3	543.8	556.2	556.2	565.0	573.4	569.6	574.3	577.2	584.8	588.3	574.9	583.4	580.7	578.4	581.8
922	40.2	509.5	528.6	537.5	552.3	565.3	565.0	575.0	583.0	579.5	583.7	586.4	592.8	595.6	583.5	590.1	588.1	585.0	588.9
923	42.2	514.0	533.1	542.8	559.2	572.8	572.7	582.0	590.0	584.3	589.7	592.0	598.0	599.9	588.5	594.6	592.4	589.0	593.1
924	43.5	519.8	539.2	549.7	567.4	581.6	581.6	589.1	597.2	589.9	595.7	597.1	603.8	605.4	593.6	599.7	597.7	593.8	597.5
925	45.1	527.3	548.1	558.1	578.4	590.5	590.2	596.8	604.7	596.8	602.6	603.3	610.5	612.1	600.9	605.3	603.9	598.9	602.6
926	46.8	535.9	559.2	566.8	591.5	601.2	600.6	604.6	614.2	602.4	610.6	609.8	616.9	616.4	607.2	608.5	607.3	600.8	605.3
927	48.4	547.8	571.2	577.4	603.1	609.0	608.1	609.9	619.1	603.5	610.5	605.7	615.5	614.2	604.8	607.5	605.6	598.3	602.5
928	50.4	558.8	578.8	587.7	608.4	612.0	611.5	611.6	620.1	602.3	609.2	608.4	614.9	613.6	603.5	606.9	604.3	597.7	601.6
929	47.3	551.3	568.5	582.6	598.9	604.1	604.0	606.3	615.0	600.7	607.0	606.9	613.1	613.0	602.4	606.5	604.2	598.1	602.0
930	46.8	548.8	566.0	580.3	596.7	602.3	602.3	605.5	613.4	600.4	606.5	606.6	612.8	612.8	602.7	606.7	604.8	598.7	602.4
931	45.4	540.5	557.5	573.2	588.2	596.3	596.6	600.5	607.7	598.3	603.9	605.0	611.3	611.7	601.3	606.4	604.3	598.8	603.2
932	45.7	536.5	554.0	569.0	584.5	593.9	593.5	598.7	606.3	597.2	602.3	604.1	610.3	610.8	600.5	606.3	603.6	599.1	603.2
933	46.4	540.0	559.6	571.8	591.1	598.1	598.0	602.1	610.1	598.8	605.0	605.9	612.0	612.2	602.0	606.9	604.4	599.3	603.3
934	44.9	535.2	550.4	567.4	579.7	589.5	589.6	595.6	603.1	595.9	600.0	602.2	607.8	609.2	598.0	604.6	602.0	597.7	601.3
935	36.5	293.6	295.9	311.2	305.5	308.6	309.6	314.1	319.0	321.6	319.2	322.7	321.0	323.6	318.2	326.7	323.0	321.7	320.9
936	39.2	291.2	295.6	307.3	307.2	312.0	312.6	317.3	321.6	322.6	322.6	325.3	325.4	327.7	321.8	329.6	326.1	325.1	325.6
937	41.9	293.6	298.6	309.7	313.2	319.8	320.1	324.9	329.1	329.0	330.6	333.0	334.7	336.5	330.4	336.9	334.6	334.1	334.7
938	44.1	298.6	304.0	315.2	319.9	326.7	327.1	333.0	337.3	337.9	339.3	341.8	343.0	345.3	339.4	345.3	342.9	342.3	342.9
939	46.4	301.2	306.9	318.9	324.8	332.7	333.2	339.7	344.2	344.7	346.2	349.1	350.9	353.7	346.9	352.6	350.7	350.4	351.0
940	47.9	307.2	313.7	325.2	333.4	342.8	343.1	350.6	355.2	355.3	358.0	360.4	362.7	365.8	359.1	364.5	362.4	362.3	363.1
941	49.2	314.8	322.1	335.6	342.8	354.7	354.9	364.3	368.9	370.7	372.5	375.5	377.7	381.3	374.4	379.9	377.8	377.9	378.9
942	49.6	316.6	324.6	339.0	349.0	362.6	362.4	373.0	377.8	377.4	381.5	384.2	388.8	391.5	383.9	389.2	387.5	388.0	389.6
943	49.8	320.7	328.5	343.8	354.4	369.9	370.1	381.3	385.7	385.6	390.5	393.4	398.4	400.9	393.3	398.2	396.6	397.5	399.4
944	50.2	324.8	332.6	350.4	360.4	377.0	377.4	390.7	395.2	397.0	400.7	403.5	408.1	411.5	403.4	408.5	407.5	407.6	409.1
945	50.6	327.3	335.6	354.6	366.6	385.6	385.7	400.1	404.8	404.5	410.6	412.5	417.9	421.0	413.3	417.7	416.2	416.2	419.5
946	50.5	333.4	341.7	364.3	375.3	396.5	396.8	412.9	417.5	417.7	422.8	423.8	428.2	431.8	425.0	427.4	426.7	425.6	428.8
947	50.9	340.8	349.1	375.0	388.4	412.1	412.5	425.4	430.5	428.2	434.2	434.9	439.3	441.7	435.4	436.8	436.6	435.5	438.4
948	51.1	347.2	358.4	383.4	401.7	425.1	425.0	433.7	439.0	435.1	442.2	442.2	448.0	451.1	443.9	443.9	444.4	443.3	447.7
949	50.5	366.5	378.0	403.7	420.6	435.8	435.8	442.9	449.1	442.9	449.1	448.2	451.8	451.4	447.8	447.2	447.0	444.6	448.8
950	48.3	393.5	403.3	419.2	433.5	442.3	442.6	445.5	450.7	441.2	447.8	446.7	450.1	448.5	444.2	444.2	443.1	441.1	445.4
951	51.4	358.7	366.0	399.7	410.8	429.1	429.4	435.6	439.7	437.7	443.4	444.3	448.3	448.8	444.2	446.6	444.9	444.1	448.3
952	46.9	320.7	322.3	347.3	340.7	349.9	351.0	359.5	364.5	370.0	366.9	370.2	371.0	374.7	368.0	375.1	371.9	372.5	373.0
953	35.2	260.5	264.3	274.9	273.6	276.9	278.1	281.8	286.1	287.7	286.1	289.1	289.3	291.5	285.5	292.6	290.1	289.4	288.8
954	37.8	261.5	266.1	275.3	277.7	282.7	283.7	287.6	291.6	292.1	292.4	295.0	295.8	297.9	292.3	298.2	296.1	295.5	295.2
955	40.7	264.1	269.3	278.0	281.3	286.3	286.7	291.6	295.4	296.9	296.5	299.2	300.2	302.7	296.6	302.5	300.4	300.1	299.9
956	43.0	265.7	271.7	279.9	286.0	293.5	293.7	298.1	302.3	301.4	303.5	305.7	308.0	310.4	304.1	309.3	307.5	307.2	307.9
957	45.4	275.2	280.7	292.2	296.9	304.8	305.0	310.8	315.1	315.6	316.8	319.7	321.3	324.3	317.7	322.9	321.5	321.1	321.2
958	47.7	280.9	288.3	296.8	306.9	316.9	316.9	323.9	328.0	327.2	330.9	333.3	336.5	339.3	332.1	337.2	335.5	336.1	336.8
959	48.9	289.4	298.2	307.5	319.9	332.5	332.9	341.5	345.4	344.1	349.5	351.5	356.3	359.3	351.3	356.0	354.7	355.8	356.6
960	50.0	297.6	305.2	317.5	329.8	344.5	344.1	355.4	359.4	359.3	364.5	366.9	371.8	375.1	367.0	371.6	370.6	371.7	372.9
961	50.7	305.1	313.0	328.0	342.3	361.4	361.1	375.1	379.4	378.0	385.8	387.7	395.0	398.4	389.2	393.8	392.7	394.4	397.0
962	51.3	315.2	324.4	342.8	359.8	383.4	383.4	401.0	405.5	403.5	412.5	413.4	420.9	424.1	415.8	418.1	418.2	418.7	423.1
963	51.8	323.1	333.1	354.9	373.9	400.9	400.2	415.8	420.4	418.2	426.5	426.3	432.8	435.9	428.9	429.4	429.7	429.3	433.5
964	52.1	340.1	357.2	375.6	400.3	420.6	420.8	428.2	434.2	430.5	438.6	438.9	444.9	447.7	440.5	440.6	441.1	439.7	443.3
965	52.1	364.8	375.0	398.9	412.5	425.4	426.9	432.9	439.3	437.2	442.3	443.3	447.7	449.2	443.3	444.7	443.9	440.0	443.7
966	52.5	371.0	384.4	404.1	422.5	432.7	432.8	439.9	446.2	440.5	447.3	447.4	451.1	450.6	446.1	445.8	445.0	440.4	444.2
967	52.2	378.0	390.5	409.3	426.7	435.6	435.5	442.7	448.7	441.4	447.3	446.7	449.9	448.8	444.3	444.4	443.2	439.7	443.1
968	51.9	353.8	359.4	389.4	395.0	415.9	417.0	423.7	429.0	426.2	430.2	431.6	435.2	437.6	430.9	435.4	433.5	433.2	436.5
969	51.0	331.3	330.3	364.5	357.9	375.1	376.7	393.7	398.7	406.5	404.0	408.5	408.6	413.0	405.9	413.2	410.7	411.2	410.8
970	37.5	259.3	261.8	275.2	273.5	277.4	278.4	282.1	286.6	287.8	286.7	289.3	290.1	292.4	286.4	293.2	290.6	290.5	290.1

SRL Single Tube Flow Instability Test # 4.0

Inconel

ID = 0.612"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VLTB	CURRT	HRATIO	TEW06S	TKW01S	VL	HL	YEAR	DAY	MIN											
	HFLX	VLTT	QUALITY	DPP1	TKW07N	BL	ID	DPL	MONTH	HRS	RUN											
921	374.1	1.002	104.4	103.8	3604	-9.9	100.8	63.7	352.0	597.4	601.2	0	95.5	0.612	96.0	100.5	1989	2	8	21	55	921
922	373.3	1.000	104.2	103.7	3601	-9.1	100.7	63.8	356.7	604.4	606.6	0	95.5	0.612	96.0	100.5	1989	2	8	22	0	922
923	373.5	1.001	104.2	103.8	3599	-8.3	100.0	63.8	358.8	610.3	611.3	0	95.5	0.612	96.0	100.5	1989	2	8	22	3	923
924	373.5	1.001	104.3	103.8	3600	-7.4	99.8	64.2	360.2	615.0	614.6	0	95.5	0.612	96.0	100.5	1989	2	8	22	5	924
925	374.1	1.002	104.4	103.9	3600	-6.2	99.6	64.3	363.6	623.0	619.2	0	95.5	0.612	96.0	100.5	1989	2	8	22	8	925
926	374.2	1.003	104.4	103.9	3600	-4.5	99.6	64.5	358.1	628.5	620.6	0	95.5	0.612	96.0	100.5	1989	2	8	22	10	926
927	374.1	1.002	104.4	103.9	3600	-2.7	99.5	64.7	361.4	625.1	618.7	0	95.5	0.612	96.0	100.5	1989	2	8	22	12	927
928	374.0	1.002	104.4	103.9	3598	-1.8	99.4	64.9	363.7	625.1	617.9	0	95.5	0.612	96.0	100.5	1989	2	8	22	20	928
929	373.9	1.002	104.4	103.9	3599	-3.4	99.2	64.6	363.5	624.3	618.3	0	95.5	0.612	96.0	100.5	1989	2	8	22	23	929
930	373.5	1.001	104.3	103.8	3597	-3.7	99.1	64.3	363.2	623.2	618.7	0	95.5	0.612	96.0	100.5	1989	2	8	22	25	930
931	374.2	1.003	104.4	103.9	3602	-5.1	99.8	64.4	364.4	622.7	619.7	0	95.5	0.612	96.0	100.5	1989	2	8	22	28	931
932	374.2	1.002	104.4	103.9	3600	-5.5	99.5	64.3	364.5	621.8	620.4	0	95.5	0.612	96.0	100.5	1989	2	8	22	32	932
933	373.8	1.002	104.3	103.9	3599	-4.6	99.4	64.5	364.7	623.2	619.8	0	95.5	0.612	96.0	100.5	1989	2	8	22	35	933
934	373.7	1.001	104.3	103.8	3599	-6.2	99.5	64.2	363.7	619.2	618.1	0	95.5	0.612	96.0	100.5	1989	2	8	22	39	934
935	147.9	0.396	65.3	64.9	2278	-16.1	102.0	62.9	217.0	326.8	329.0	0	95.5	0.612	96.0	100.5	1989	2	8	22	49	935
936	147.9	0.396	65.2	64.9	2279	-15.7	100.5	63.1	218.8	332.0	333.9	0	95.5	0.612	96.0	100.5	1989	2	8	22	52	936
937	150.2	0.402	65.7	65.4	2297	-15.2	100.3	63.2	223.2	342.5	344.4	0	95.5	0.612	96.0	100.5	1989	2	8	22	55	937
938	149.7	0.401	65.7	65.4	2291	-14.6	99.8	63.6	227.8	350.4	352.6	0	95.5	0.612	96.0	100.5	1989	2	8	22	59	938
939	149.2	0.400	65.5	65.3	2286	-14.0	99.2	64.0	232.1	358.6	360.5	0	95.5	0.612	96.0	100.5	1989	2	8	23	2	939
940	149.2	0.400	65.6	65.3	2286	-13.2	99.9	64.4	238.1	370.7	373.6	0	95.5	0.612	96.0	100.5	1989	2	8	23	4	940
941	148.9	0.399	65.5	65.2	2283	-12.2	100.4	64.8	246.8	386.1	388.7	0	95.5	0.612	96.0	100.5	1989	2	8	23	8	941
942	149.0	0.399	65.6	65.3	2282	-11.3	100.2	65.2	236.5	396.9	400.2	0	95.5	0.612	96.0	100.5	1989	2	8	23	10	942
943	148.6	0.398	65.5	65.1	2282	-10.6	99.3	65.5	241.1	406.6	411.1	0	95.5	0.612	96.0	100.5	1989	2	8	23	11	943
944	148.2	0.397	65.4	65.1	2276	-9.8	98.9	65.8	261.7	415.8	419.9	0	95.5	0.612	96.0	100.5	1989	2	8	23	14	944
945	147.9	0.396	65.4	65.0	2274	-9.0	99.3	65.9	261.2	426.9	430.1	0	95.5	0.612	96.0	100.5	1989	2	8	23	16	945
946	147.8	0.396	65.4	65.1	2271	-7.7	99.2	66.5	267.9	438.2	437.5	0	95.5	0.612	96.0	100.5	1989	2	8	23	18	946
947	150.0	0.402	65.9	65.6	2287	-6.2	98.7	66.7	277.8	447.1	449.5	0	95.5	0.612	96.0	100.5	1989	2	8	23	21	947
948	150.4	0.403	65.9	65.7	2290	-4.5	98.1	66.9	267.4	456.4	456.9	0	95.5	0.612	96.0	100.5	1989	2	8	23	23	948
949	150.3	0.403	66.0	65.7	2288	-2.0	97.2	66.7	283.5	457.1	456.3	0	95.5	0.612	96.0	100.5	1989	2	8	23	26	949
950	149.9	0.402	65.9	65.6	2284	-0.1	99.4	66.6	281.9	454.5	454.1	0	95.5	0.612	96.0	100.5	1989	2	8	23	31	950
951	150.1	0.402	65.9	65.7	2287	-3.2	97.8	66.6	283.4	455.2	456.3	0	95.5	0.612	96.0	100.5	1989	2	8	23	38	951
952	150.6	0.403	65.9	65.6	2297	-12.8	100.1	65.7	244.0	378.1	381.6	0	95.5	0.612	96.0	100.5	1989	2	8	23	41	952
953	150.6	0.403	65.7	65.4	2302	-20.9	103.0	65.1	199.9	294.8	296.3	0	95.5	0.612	96.0	100.5	1989	2	8	23	50	953
954	150.7	0.404	65.7	65.5	2300	-20.3	101.3	65.3	202.9	302.6	303.7	0	95.5	0.612	96.0	100.5	1989	2	8	23	52	954
955	148.8	0.399	65.4	65.1	2287	-20.0	101.4	65.7	204.3	307.2	308.7	0	95.5	0.612	96.0	100.5	1989	2	8	23	56	955
956	149.0	0.399	65.4	65.1	2288	-19.4	99.7	65.9	203.1	316.0	317.2	0	95.5	0.612	96.0	100.5	1989	2	8	23	58	956
957	148.9	0.399	65.4	65.2	2285	-18.6	100.8	66.4	216.5	328.8	331.1	0	95.5	0.612	96.0	100.5	1989	2	9	0	2	957
958	148.9	0.399	65.5	65.1	2286	-17.6	99.9	66.6	222.9	345.3	347.2	0	95.5	0.612	96.0	100.5	1989	2	9	0	4	958
959	148.9	0.399	65.5	65.3	2282	-16.0	100.4	66.6	231.8	365.5	368.7	0	95.5	0.612	96.0	100.5	1989	2	9	0	5	959
960	148.6	0.398	65.4	65.2	2279	-14.8	99.8	66.8	242.6	380.7	384.3	0	95.5	0.612	96.0	100.5	1989	2	9	0	8	960
961	148.5	0.398	65.5	65.2	2278	-12.9	99.4	67.0	253.6	405.9	409.7	0	95.5	0.612	96.0	100.5	1989	2	9	0	10	961
962	148.1	0.397	65.4	65.1	2274	-10.3	98.7	67.0	267.6	431.4	435.1	0	95.5	0.612	96.0	100.5	1989	2	9	0	12	962
963	148.4	0.398	65.4	65.2	2275	-8.5	98.2	67.2	273.9	442.9	444.5	0	95.5	0.612	96.0	100.5	1989	2	9	0	14	963
964	148.1	0.397	65.4	65.2	2272	-4.8	93.8	67.4	280.2	457.3	453.4	0	95.5	0.612	96.0	100.5	1989	2	9	0	17	964
965	148.3	0.397	65.6	65.2	2272	-5.1	98.3	67.2	281.2	455.3	451.5	0	95.5	0.612	96.0	100.5	1989	2	9	0	36	965
966	147.8	0.396	65.4	65.1	2270	-3.3	99.5	67.5	281.2	457.7	451.7	0	95.5	0.612	96.0	100.5	1989	2	9	0	39	966
967	147.9	0.396	65.5	65.2	2270	-2.1	99.3	67.5	280.4	455.8	450.5	0	95.5	0.612	96.0	100.5	1989	2	9	0	41	967
968	148.1	0.397	65.4	65.1	2273	-7.1	98.4	66.9	277.5	442.9	445.5	0	95.5	0.612	96.0	100.5	1989	2	9	0	45	968
969	148.1	0.397	65.4	65.1	2276	-11.9	100.5	66.8	264.2	417.1	419.8	0	95.5	0.612	96.0	100.5	1989	2	9	0	48	969
970	148.6	0.398	65.3	65.0	2285	-20.7	102.9	65.0	200.3	296.0	298.0	0	95.5	0.612	96.0	100.5	1989	2	9	0	54	970

SRL Single Tube Flow Instability Test # 4.0
Inconel ID = 0.612"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUN	PTI1		PTO1		PTO3		DPT2		FTI1		FBI1		FMO1		OTI1		TRTO1		TJT12		PPO1	
	TEST	PTI2	PTO2		DPT1		DPT3		FTI2		FXO2		FMO2		TRT11		TJT11		TRT02			
971	4.0	53.3	67.0	34.8	34.9	38.5	19.18	21.95	21.88	36.96	36.87	256.7	0.	36.4	4.8	34.5	121.9	150.5	121.0	120.3	150.5	88.
972	4.0	50.2	61.8	34.9	34.8	38.0	18.18	18.86	18.95	34.02	33.95	257.7	0.	33.5	4.4	31.9	120.5	151.5	119.4	119.2	151.5	88.
973	4.0	47.6	57.7	34.7	34.8	37.5	16.40	16.51	16.50	32.01	31.45	257.6	0.	31.1	4.1	29.7	121.0	154.0	119.9	119.9	154.0	88.
974	4.0	45.6	54.2	34.8	34.8	37.2	14.29	14.29	14.38	29.39	29.16	258.6	0.	28.9	3.6	27.6	121.9	157.5	120.8	120.6	157.5	88.
975	4.0	42.8	49.5	34.8	34.8	36.9	11.44	11.43	11.46	26.03	25.75	260.0	0.	25.6	3.3	24.4	121.5	161.7	120.0	120.0	161.7	89.
976	4.0	40.9	46.5	34.7	34.7	36.5	9.73	9.73	9.75	24.05	23.57	260.1	0.	23.4	3.0	22.5	121.0	164.5	119.6	119.7	164.5	89.
977	4.0	39.4	43.4	34.8	34.8	36.4	7.95	7.88	7.95	21.42	21.14	261.6	0.	20.9	2.4	20.2	120.2	169.5	119.1	119.1	169.5	89.
978	4.0	37.3	40.0	34.8	34.8	36.2	5.94	5.95	5.91	18.32	18.04	261.3	0.	17.7	1.9	17.3	121.0	178.5	119.8	119.7	178.5	90.
979	4.0	35.3	38.0	34.5	34.7	35.7	4.67	4.63	4.62	16.01	15.87	261.5	0.	15.2	1.7	15.2	121.0	187.0	118.8	120.0	187.0	90.
980	4.0	35.4	36.8	35.0	34.9	36.1	3.70	3.72	3.68	13.97	13.97	262.5	0.	13.1	1.2	13.3	120.5	195.1	119.0	119.2	195.0	91.
981	4.0	34.3	35.0	34.7	34.7	35.6	2.92	2.94	2.90	12.20	12.20	262.0	0.	11.1	0.0	11.6	121.4	207.0	119.7	120.0	207.0	91.
982	4.0	33.7	34.4	34.8	34.8	35.7	2.39	2.37	2.37	10.48	10.64	263.2	0.	9.4	0.0	10.2	121.4	218.9	119.7	119.9	218.7	90.
983	4.0	33.5	33.9	34.9	34.9	35.6	2.05	2.02	2.01	8.90	9.24	263.4	0.	8.2	0.0	8.8	122.0	233.5	121.4	120.3	233.5	90.
984	4.0	34.0	34.2	35.1	35.0	35.9	2.61	2.51	2.51	7.94	8.37	263.9	0.	8.2	0.1	8.2	121.1	243.9	119.6	120.0	243.9	88.
985	4.0	34.8	34.9	35.3	35.0	36.4	3.04	2.98	3.06	7.46	7.93	263.5	0.	7.2	0.0	7.8	120.2	249.0	118.9	118.8	249.0	89.
986	4.0	33.9	34.2	35.0	35.0	35.8	2.36	2.35	2.38	8.17	8.59	263.4	0.	7.9	0.1	8.1	121.6	241.0	121.9	119.9	241.0	89.
987	4.0	33.6	34.1	34.8	34.8	35.5	2.31	2.26	2.29	9.91	10.05	263.8	0.	9.4	0.0	9.6	121.0	223.6	118.8	120.0	223.6	89.
988	4.0	33.9	34.3	35.2	35.2	36.0	2.06	2.02	2.04	8.90	9.08	263.6	0.	8.1	0.0	8.6	120.9	234.5	119.7	119.0	234.5	89.
989	4.0	33.5	33.6	34.7	34.7	35.4	2.06	2.00	2.06	9.24	9.38	263.8	0.	9.8	0.0	9.0	120.1	230.7	118.3	119.2	230.6	87.
990	4.0	44.2	51.9	34.6	34.7	37.1	13.00	13.02	13.08	27.90	27.62	259.3	0.	27.5	0.1	26.4	121.4	159.4	119.8	120.0	159.5	88.
991	4.0	52.6	66.5	34.7	34.7	38.7	19.16	21.35	21.49	36.99	36.98	256.8	0.	36.8	0.1	34.6	121.6	164.6	120.3	119.7	164.5	87.
992	4.0	49.9	61.5	34.7	34.7	38.3	17.89	18.30	18.41	34.07	33.95	256.6	0.	34.0	0.1	31.9	120.6	167.0	119.3	119.5	167.0	88.
993	4.0	46.1	55.9	34.7	34.7	37.9	15.11	15.15	15.17	30.79	30.51	258.2	0.	30.6	0.1	28.7	121.8	173.0	120.1	120.4	173.0	88.
994	4.0	43.2	50.4	34.6	34.7	37.2	11.95	11.94	11.96	27.19	26.83	258.2	0.	27.0	0.1	25.5	120.2	178.5	119.0	119.1	178.5	89.
995	4.0	40.6	47.5	34.6	34.7	37.0	10.27	10.27	10.31	25.08	24.70	260.6	0.	24.9	0.1	23.6	121.1	184.2	119.9	119.9	184.1	89.
996	4.0	39.3	43.9	34.8	34.8	36.8	7.89	7.85	7.85	21.71	21.42	260.1	0.	21.6	0.0	20.5	120.9	193.4	119.5	119.6	193.3	89.
997	4.0	37.0	39.6	34.7	34.7	36.2	5.58	5.62	5.55	17.65	17.46	261.7	0.	17.3	0.1	16.6	121.4	210.0	119.9	120.0	210.0	89.
998	4.0	36.0	38.0	34.7	34.7	36.1	4.59	4.62	4.56	15.40	15.28	262.2	0.	15.0	0.0	14.6	121.6	223.0	119.9	120.3	223.0	89.
999	4.0	35.9	37.2	34.8	34.7	36.1	4.44	4.52	4.36	13.31	13.25	262.4	0.	12.7	0.1	12.6	121.0	238.0	119.2	119.6	238.0	88.
1000	4.0	37.5	38.5	35.1	34.7	37.5	5.82	5.78	6.27	12.30	12.28	263.8	0.	12.5	0.1	11.7	121.0	246.1	120.2	119.6	246.1	89.
1001	4.0	35.6	37.2	34.6	34.7	35.8	4.25	4.25	4.22	14.25	14.23	262.1	0.	14.1	0.1	13.6	121.0	229.5	119.9	119.4	229.5	89.
1002	4.0	35.9	37.2	34.8	34.9	36.1	4.25	4.26	4.21	13.67	13.60	262.5	0.	13.0	0.1	13.0	121.0	235.0	119.3	119.7	235.0	87.
1003	4.0	36.2	38.0	35.0	34.9	36.3	4.43	4.44	4.38	14.97	14.81	261.1	0.	14.6	0.0	14.1	121.0	225.5	120.2	119.4	225.5	88.
1004	4.0	38.1	41.7	34.8	34.8	36.3	6.69	6.60	6.65	19.71	19.48	260.1	0.	17.9	0.0	18.5	120.2	200.0	118.9	118.8	200.0	88.
1005	4.0	44.6	52.8	34.7	34.7	37.3	13.24	13.29	13.26	28.75	28.45	257.2	0.	28.5	0.1	26.9	121.5	177.0	120.2	120.0	177.0	88.
1006	4.0	52.4	66.3	34.7	34.7	38.8	19.11	21.00	21.16	37.05	37.12	256.0	0.	37.2	0.0	34.6	121.0	178.5	119.8	119.6	178.5	87.
1007	4.0	49.7	61.6	34.7	34.7	38.5	17.86	18.31	18.30	34.30	34.34	256.8	0.	34.4	0.0	32.3	121.1	183.0	119.9	119.8	183.0	88.
1008	4.0	46.8	56.4	35.0	34.9	38.1	15.08	15.12	15.19	31.17	31.00	257.7	0.	31.3	0.1	29.1	121.2	189.0	119.9	119.7	189.0	88.
1009	4.0	44.1	51.9	34.9	34.9	37.6	12.49	12.51	12.51	28.08	27.80	258.4	0.	28.1	0.1	26.3	120.6	195.9	118.8	119.1	195.9	89.
1010	4.0	41.9	48.1	34.7	34.7	37.0	10.5	10.5	10.49	25.34	25.05	259.3	0.	25.4	0.1	23.7	121.5	205.0	120.0	119.8	205.0	89.
1011	4.0	40.1	44.7	34.8	34.8	36.8	8.51	8.51	8.453	22.26	21.96	258.1	0.	22.2	0.0	20.9	120.2	215.0	119.1	119.1	215.0	89.
1012	4.0	38.8	42.0	34.9	34.9	36.7	7.05	7.12	7.014	19.17	18.89	260.0	0.	19.3	0.1	18.0	121.0	230.0	119.6	119.3	230.0	89.
1013	4.0	39.4	42.1	35.3	35.0	37.5	7.51	7.44	7.536	17.84	17.59	260.9	0.	17.5	0.0	16.7	121.0	238.5	119.4	119.8	238.5	89.
1014	4.0	41.9	44.6	35.0	34.8	40.3	10.6	10.8	10.85	16.31	16.2	261.5	0.	18.4	0.1	15.4	120.5	248.0	119.7	119.3	248.0	91.
1015	4.0	38.9	41.7	34.7	34.7	36.8	7.53	7.58	7.491	18.15	17.96	260.3	0.	17.9	0.0	17.1	121.1	237.0	120.0	119.8	237.0	87.
1016	4.0	38.4	41.7	34.5	34.5	36.2	7.29	7.29	7.219	18.82	18.6	260.7	0.	18.8	0.0	17.8	122.0	233.1	120.4	120.6	233.0	87.
1017	4.0	38.6	42.3	34.6	34.7	36.3	7.38	7.38	7.318	19.9	19.65	259.5	0.	20.0	0.1	18.7	121.0	227.0	119.3	119.7	227.0	88.
1018	4.0	39.2	43.3	34.7	34.7	36.5	7.87	7.91	7.818	20.99	20.69	260.3	0.	20.9	0.1	19.7	121.0	221.5	119.4	119.3	221.5	88.
1019	4.0	48.1	59.1	34.6	34.6	37.9	16.8	16.9	16.98	33.03	32.9	256.0	0.	33.1	0.0	30.9	120.1	184.5	118.3	118.8	184.5	88.
1020	4.0	53.1	66.4	34.8	34.7	38.1	19.3	21.7	21.77	35.91	35.84	255.3	0.	35.4	0.0	33.6	76.0	105.5	74.9	74.6	105.5	87.

SRL Single Tube Flow Instability Test # 4.0

Inconel

ID = 0.612"

1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
971	23.0	275.7	283.4	286.3	296.1	302.5	302.8	304.8	308.9	305.9	309.1	310.0	304.8	316.1	309.9	311.8	311.6	311.3	313.0
972	23.3	276.9	284.3	288.5	297.8	304.3	304.1	306.8	311.0	308.1	311.3	312.3	307.4	318.5	312.3	314.7	313.9	314.1	315.3
973	23.3	279.9	287.1	292.4	300.7	308.0	308.3	310.5	314.8	312.7	315.5	316.6	312.0	322.7	316.2	319.2	318.5	318.4	319.6
974	23.4	282.6	289.6	294.7	304.1	312.2	312.2	314.8	319.2	316.1	320.0	320.9	316.5	327.8	320.9	323.7	323.1	323.3	324.9
975	23.8	287.4	294.5	300.6	310.4	318.8	318.9	322.9	327.2	324.8	328.8	330.0	324.4	336.1	329.7	332.7	331.8	331.7	333.4
976	23.8	290.9	297.9	304.8	314.5	323.6	323.3	328.1	332.6	330.7	333.8	335.4	329.1	341.5	335.0	338.2	337.3	337.4	338.8
977	23.9	298.2	304.7	314.2	323.1	332.5	333.2	338.7	343.0	341.6	344.6	346.3	340.7	353.1	345.9	350.0	348.9	348.9	350.1
978	24.4	302.8	310.5	319.7	331.5	343.5	343.6	350.2	354.7	351.6	357.4	358.6	351.9	366.4	359.0	362.3	361.2	361.9	363.8
979	24.2	311.4	319.9	330.3	341.1	354.5	354.4	363.5	368.2	367.1	371.2	373.4	367.6	380.5	373.2	376.9	376.2	376.7	378.0
980	24.8	316.6	324.5	338.9	349.5	363.4	363.5	374.2	378.8	379.4	382.8	385.0	378.9	392.7	385.2	389.3	388.5	389.1	390.5
981	24.3	324.3	334.6	350.6	360.5	377.1	377.3	389.5	394.2	396.1	398.9	401.8	394.7	408.5	402.1	405.9	405.0	405.7	407.4
982	23.9	335.6	342.1	363.5	371.0	389.6	390.0	403.2	407.8	409.0	413.4	413.8	406.3	419.3	414.1	415.7	415.0	412.3	416.4
983	23.5	346.4	353.4	373.6	384.1	402.5	403.3	414.6	419.4	414.6	420.4	420.6	409.8	425.3	420.9	421.5	419.9	418.1	421.6
984	21.6	353.1	361.3	380.4	392.9	410.1	410.6	416.5	421.9	414.4	420.3	419.2	410.0	419.3	417.5	416.9	416.0	412.2	416.5
985	22.3	358.5	367.0	384.4	395.9	413.4	414.2	416.9	422.4	412.4	419.0	416.7	405.7	417.0	414.5	413.6	413.2	409.0	414.6
986	22.7	343.7	352.2	378.1	387.4	406.1	407.3	412.0	416.5	410.2	416.7	415.8	406.7	416.8	414.6	413.9	413.2	409.8	415.1
987	22.8	336.3	343.4	368.3	373.2	393.0	393.6	399.8	404.2	401.5	406.8	407.3	400.6	412.1	407.3	409.6	408.8	407.3	412.2
988	22.3	341.0	349.8	370.8	383.2	401.7	402.3	407.1	411.3	406.5	413.4	412.9	405.9	415.8	412.5	412.6	412.2	409.6	414.9
989	20.8	347.4	354.9	376.4	384.6	400.2	401.6	406.4	410.8	408.4	413.2	413.7	403.8	416.0	412.5	413.5	412.7	410.2	415.5
990	22.9	290.8	296.7	306.2	310.2	316.4	317.4	321.8	326.2	326.2	327.2	329.7	321.3	333.8	327.6	332.9	330.7	330.6	330.8
991	22.6	352.4	363.7	368.7	378.1	385.3	385.3	389.3	394.9	393.5	395.4	397.8	391.7	404.2	396.1	401.4	399.5	398.7	400.2
992	22.7	353.8	365.0	370.4	380.5	389.0	389.1	393.2	398.7	397.0	399.8	402.1	395.9	409.2	400.1	405.5	404.1	403.0	404.8
993	23.1	359.7	372.1	378.1	388.0	397.0	397.1	402.3	408.0	406.7	409.3	411.8	405.3	418.6	409.9	415.5	412.6	413.1	414.6
994	23.5	364.9	377.4	384.3	395.0	404.9	405.0	412.0	417.3	416.5	419.0	421.7	415.4	429.0	419.9	425.9	424.1	423.4	425.0
995	23.7	366.9	380.1	387.0	399.7	411.2	411.1	417.3	423.1	419.4	425.2	426.7	421.0	436.0	426.4	431.4	429.5	429.9	432.2
996	24.1	373.4	388.1	394.4	410.4	423.1	422.8	431.2	436.7	431.9	439.0	440.6	434.6	448.8	440.3	444.5	443.2	442.8	446.5
997	23.9	391.5	403.0	416.3	428.6	443.5	443.9	451.5	457.1	452.8	457.5	458.6	452.3	465.6	457.6	461.2	460.6	459.3	463.0
998	23.5	396.8	411.7	423.5	439.9	455.6	455.5	462.1	467.9	461.9	469.5	469.5	462.0	475.4	469.4	470.3	469.8	467.2	474.0
999	22.1	412.9	426.4	442.3	455.3	469.2	469.2	472.8	479.2	468.5	475.9	472.8	465.2	473.4	469.2	467.8	466.8	461.5	465.9
1000	23.2	415.0	431.6	444.7	460.0	474.5	474.3	475.6	482.3	469.2	477.0	473.8	465.9	473.8	469.2	468.1	467.1	461.5	465.8
1001	23.3	404.5	416.6	435.0	446.4	460.2	460.4	465.5	470.6	463.9	470.5	469.5	462.3	471.9	466.6	467.7	466.3	462.7	467.1
1002	22.0	410.3	424.5	440.6	453.2	465.9	466.0	470.7	476.2	466.9	474.1	471.7	464.1	473.1	468.4	468.5	467.2	462.2	466.3
1003	22.7	403.3	416.4	433.0	444.5	457.8	457.9	463.5	468.4	463.4	469.5	469.2	461.5	472.0	466.3	468.4	467.0	463.4	467.4
1004	23.0	391.0	399.4	418.1	421.5	432.9	433.5	443.4	449.4	450.3	450.9	453.2	444.5	457.7	450.4	455.4	453.7	451.6	453.3
1005	24.1	367.0	376.2	387.9	393.2	402.0	402.3	408.5	414.3	414.7	416.0	418.7	410.9	425.1	416.7	423.0	420.6	419.9	421.0
1006	23.7	412.3	433.7	430.3	453.6	462.7	462.5	467.7	473.9	467.7	474.5	476.5	471.4	486.3	475.2	480.4	479.3	478.2	480.9
1007	23.9	424.7	441.2	445.2	459.9	469.4	469.1	475.4	481.9	479.0	483.4	485.6	478.5	494.6	483.7	489.9	488.2	487.0	489.1
1008	24.2	429.8	446.2	451.4	465.9	476.3	476.4	483.3	489.9	487.1	491.1	493.9	487.0	503.4	492.1	498.3	496.6	495.6	498.1
1009	24.4	436.7	452.4	459.9	474.1	485.2	485.5	493.5	500.4	497.4	502.1	504.0	496.9	512.4	502.2	507.3	505.9	503.8	507.0
1010	24.3	445.1	461.1	469.4	484.0	496.4	496.2	504.5	511.2	508.2	511.1	512.3	504.9	519.9	510.0	514.8	513.3	511.2	514.4
1011	24.7	450.3	468.2	475.6	493.8	507.5	507.3	513.3	520.0	512.1	519.5	520.5	511.2	527.2	518.0	522.1	520.7	517.6	521.8
1012	24.6	461.0	480.6	488.3	507.4	521.4	521.0	526.7	533.1	521.7	530.9	529.0	519.5	532.1	525.8	526.1	525.0	518.7	523.6
1013	23.9	470.6	488.7	498.3	516.3	528.8	528.6	532.3	539.7	525.8	533.7	531.3	521.8	532.0	526.0	525.5	524.3	515.9	520.6
1014	26.1	476.3	494.4	504.0	523.4	535.6	535.3	536.4	544.5	527.2	536.2	533.2	523.7	534.7	528.0	527.3	526.2	517.8	522.7
1015	23.0	471.9	486.0	500.1	514.8	526.8	526.6	530.7	537.9	523.9	531.6	530.3	520.7	531.5	525.1	525.6	524.1	516.4	520.7
1016	22.6	470.5	484.2	498.5	512.2	523.6	523.7	528.3	535.5	522.3	529.6	528.5	518.5	530.4	523.7	524.5	522.9	515.7	520.3
1017	23.6	464.7	480.1	493.4	507.1	518.6	518.7	525.1	531.4	521.4	528.0	527.7	518.9	530.9	523.8	526.0	524.2	518.5	523.1
1018	23.8	460.8	475.6	489.5	502.0	513.8	513.9	520.2	526.8	518.7	525.1	525.6	516.2	530.0	522.2	525.5	523.5	518.6	523.3
1019	23.9	433.3	446.9	456.5	464.8	473.0	473.4	480.2	487.5	487.3	488.5	492.2	482.6	499.2	488.8	496.3	494.1	492.6	493.7
1020	22.3	242.8	251.3	252.6	262.1	268.4	268.3	269.6	274.0	271.0	274.1	275.0	270.7	280.8	274.6	276.9	277.3	276.8	277.7

SRL Single Tube Flow Instability Test # 4.0
Inconel **ID = 0.612"**

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VLTB	CURRT	HRATIO	TEW06S	TKW01S	VL	HL	YEAR	DAY	MIN											
	HFLX	VLTT	QUALITY	DPP1	TKW07N	BL	ID	DPL	MONTH	HRS	RUN											
971	148.9	0.399	65.4	65.1	2285	-11.7	102.0	65.3	132.8	321.1	322.9	0	95.5	0.612	96.0	100.5	1989	2	14	16	47	971
972	148.5	0.398	65.4	65.1	2281	-11.6	102.1	65.4	132.5	323.5	325.1	0	95.5	0.612	96.0	100.5	1989	2	14	16	52	972
973	148.5	0.398	65.3	65.1	2282	-11.2	100.8	65.4	131.7	328.5	329.9	0	95.5	0.612	96.0	100.5	1989	2	14	16	56	973
974	148.1	0.397	65.3	65.0	2277	-10.9	101.0	65.5	131.8	333.3	334.8	0	95.5	0.612	96.0	100.5	1989	2	14	16	59	974
975	148.2	0.397	65.3	65.0	2279	-10.4	100.8	65.8	132.0	341.6	343.3	0	95.5	0.612	96.0	100.5	1989	2	14	17	2	975
976	148.1	0.397	65.3	65.0	2278	-10.1	100.0	65.8	133.0	347.2	348.7	0	95.5	0.612	96.0	100.5	1989	2	14	17	5	976
977	150.6	0.403	65.8	65.5	2298	-9.6	99.9	66.2	131.4	359.1	360.4	0	95.5	0.612	96.0	100.5	1989	2	14	17	13	977
978	150.5	0.403	65.8	65.6	2295	-8.6	99.6	66.4	132.0	372.8	374.9	0	95.5	0.612	96.0	100.5	1989	2	14	17	15	978
979	150.0	0.402	65.8	65.5	2291	-7.7	100.9	66.7	132.1	385.1	388.3	0	95.5	0.612	96.0	100.5	1989	2	14	17	18	979
980	149.5	0.401	65.7	65.4	2287	-6.9	100.6	66.7	133.2	398.3	402.0	0	95.5	0.612	96.0	100.5	1989	2	14	17	21	980
981	149.6	0.401	65.7	65.4	2286	-5.7	101.0	67.0	133.3	413.5	418.7	0	95.5	0.612	96.0	100.5	1989	2	14	17	28	981
982	150.1	0.402	65.7	65.6	2286	-4.3	100.3	67.3	132.1	426.1	425.1	0	95.5	0.612	96.0	100.5	1989	2	14	17	35	982
983	149.6	0.401	65.8	65.5	2285	-2.7	99.7	67.3	132.1	434.3	428.8	0	95.5	0.612	96.0	100.5	1989	2	14	17	39	983
984	149.3	0.400	65.7	65.4	2282	-1.6	99.8	67.3	132.1	426.2	422.4	0	95.5	0.612	96.0	100.5	1989	2	14	17	42	984
985	149.3	0.400	65.7	65.4	2281	-1.1	99.2	67.5	132.8	424.5	421.5	0	95.5	0.612	96.0	100.5	1989	2	14	17	43	985
986	148.9	0.399	65.7	65.4	2278	-1.9	99.8	67.4	132.2	423.1	420.9	0	95.5	0.612	96.0	100.5	1989	2	14	17	48	986
987	149.0	0.399	65.6	65.4	2280	-3.8	100.1	67.2	132.4	417.8	420.2	0	95.5	0.612	96.0	100.5	1989	2	14	17	51	987
988	149.1	0.400	65.7	65.4	2281	-2.7	100.2	67.4	131.9	422.6	422.3	0	95.5	0.612	96.0	100.5	1989	2	14	17	55	988
989	149.0	0.399	65.7	65.3	2281	-3.1	100.7	67.0	132.5	421.0	421.8	0	95.5	0.612	96.0	100.5	1989	2	14	17	57	989
990	149.1	0.400	65.6	65.2	2287	-10.7	101.5	66.1	133.3	337.9	339.2	0	95.5	0.612	96.0	100.5	1989	2	14	18	10	990
991	224.2	0.601	80.4	80.1	2799	-10.2	102.4	65.1	131.6	410.4	412.2	0	95.5	0.612	96.0	100.5	1989	2	14	18	20	991
992	224.0	0.600	80.4	80.1	2798	-9.9	101.5	65.7	132.3	416.1	418.2	0	95.5	0.612	96.0	100.5	1989	2	14	18	24	992
993	223.7	0.599	80.4	80.0	2795	-9.2	100.8	65.6	131.9	425.2	427.5	0	95.5	0.612	96.0	100.5	1989	2	14	18	28	993
994	223.5	0.599	80.4	80.0	2794	-8.6	101.0	65.7	132.2	435.4	437.5	0	95.5	0.612	96.0	100.5	1989	2	14	18	32	994
995	224.1	0.601	80.5	80.2	2796	-8.0	100.4	65.7	132.6	443.9	446.1	0	95.5	0.612	96.0	100.5	1989	2	14	18	34	995
996	223.7	0.599	80.5	80.1	2794	-7.1	100.2	65.9	133.0	457.8	459.5	0	95.5	0.612	96.0	100.5	1989	2	14	18	36	996
997	222.5	0.596	80.4	79.7	2790	-5.3	100.1	66.2	133.8	471.5	474.3	0	95.5	0.612	96.0	100.5	1989	2	14	18	41	997
998	223.5	0.599	80.5	80.2	2788	-3.9	100.4	66.3	131.7	482.2	483.6	0	95.5	0.612	96.0	100.5	1989	2	14	18	43	998
999	223.0	0.597	80.4	80.0	2787	-2.3	100.6	66.3	131.9	481.2	476.4	0	95.5	0.612	96.0	100.5	1989	2	14	18	50	999
1000	222.9	0.597	80.4	80.0	2785	-1.4	99.9	66.4	132.1	481.8	476.3	0	95.5	0.612	96.0	100.5	1989	2	14	18	53	1000
1001	223.1	0.598	80.4	80.1	2785	-3.2	100.2	66.1	132.0	479.9	477.9	0	95.5	0.612	96.0	100.5	1989	2	14	18	56	1001
1002	223.2	0.598	80.4	80.0	2788	-2.7	100.7	66.1	132.7	480.7	477.0	0	95.5	0.612	96.0	100.5	1989	2	14	19	1	1002
1003	223.4	0.598	80.4	80.1	2790	-3.7	100.3	66.2	133.5	479.8	478.7	0	95.5	0.612	96.0	100.5	1989	2	14	19	5	1003
1004	223.2	0.598	80.4	80.0	2791	-6.4	100.7	65.8	132.0	462.7	464.6	0	95.5	0.612	96.0	100.5	1989	2	14	19	8	1004
1005	222.3	0.596	80.3	79.6	2791	-8.9	102.0	65.1	132.2	430.4	432.9	0	95.5	0.612	96.0	100.5	1989	2	14	19	13	1005
1006	300.4	0.805	93.2	92.8	3237	-8.8	102.4	64.0	131.4	495.0	497.4	0	95.5	0.612	96.0	100.5	1989	2	14	19	17	1006
1007	299.9	0.803	93.2	92.8	3231	-8.3	102.3	64.4	133.7	502.2	504.8	0	95.5	0.612	96.0	100.5	1989	2	14	19	20	1007
1008	299.5	0.802	93.2	92.7	3229	-7.6	101.4	64.5	134.4	511.3	513.8	0	95.5	0.612	96.0	100.5	1989	2	14	19	24	1008
1009	299.8	0.803	93.3	92.8	3230	-6.9	100.9	64.7	132.5	520.5	522.7	0	95.5	0.612	96.0	100.5	1989	2	14	19	27	1009
1010	299.8	0.803	93.2	92.8	3229	-5.8	100.8	64.8	132.5	527.5	529.1	0	95.5	0.612	96.0	100.5	1989	2	14	19	31	1010
1011	299.7	0.803	93.3	92.8	3228	-4.8	100.5	65.2	132.7	535.8	536.2	0	95.5	0.612	96.0	100.5	1989	2	14	19	33	1011
1012	300.0	0.804	93.3	93.0	3227	-3.1	99.4	65.4	132.6	541.9	536.5	0	95.5	0.612	96.0	100.5	1989	2	14	19	35	1012
1013	299.6	0.803	93.3	92.9	3226	-2.3	99.9	65.3	132.1	542.0	533.8	0	95.5	0.612	96.0	100.5	1989	2	14	19	38	1013
1014	299.5	0.802	93.3	92.9	3225	-1.2	100.0	65.5	133.0	544.8	535.9	0	95.5	0.612	96.0	100.5	1989	2	14	19	40	1014
1015	300.0	0.804	93.4	93.0	3227	-2.4	100.5	65.2	132.7	541.0	532.7	0	95.5	0.612	96.0	100.5	1989	2	14	19	43	1015
1016	299.8	0.803	93.0	92.9	3227	-2.7	100.1	65.1	132.0	540.2	533.1	0	95.5	0.612	96.0	100.5	1989	2	14	19	45	1016
1017	300.2	0.804	93.4	93.0	3230	-3.5	100.4	65.4	132.6	540.2	536.5	0	95.5	0.612	96.0	100.5	1989	2	14	19	52	1017
1018	300.1	0.804	93.2	93.0	3229	-4.0	100.4	65.2	132.0	539.0	536.9	0	95.5	0.612	96.0	100.5	1989	2	14	19	54	1018
1019	300.5	0.805	93.2	92.9	3235	-8.1	101.9	64.1	132.5	506.1	508.5	0	95.5	0.612	96.0	100.5	1989	2	14	20	0	1019
1020	149.5	0.401	65.5	65.2	2293	-16.5	102.7	65.7	132.2	285.5	287.2	0	95.5	0.612	96.0	100.5	1989	2	14	21	18	1020

SRL Single Tube Flow Instability Test # 4.0
Inconel
ID = 0.612"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUN	PTI1		PTO1		PTO3		DPT2		FTI1		FBI1		FMO1		OTI1		TRTO1		TJT12		PPO1	
	TEST		PTI2		PTO2		DPT1		DPT3		FTI2		FXO2		FMO2		TRTI1		TJT11		TRT02	
1021	4.0	50.1	61.6	34.5	34.6	37.6	18.3	19	19	33.5	33.27	256.6	0.	32.9	0.1	31.4	77.0	108.5	75.7	75.8	108.5	88.
1022	4.0	47.4	57.3	34.6	34.7	37.3	16.1	16.2	16.31	30.84	30.52	257.0	0.	30.1	0.1	28.7	77.0	111.0	75.9	75.4	111.0	88.
1023	4.0	44.1	51.3	34.8	34.8	37.0	12.6	12.7	12.69	27.16	26.69	258.6	0.	26.2	0.1	25.3	76.8	115.5	75.4	75.4	115.5	88.
1024	4.0	41.0	46.2	34.7	34.7	36.5	9.7	9.68	9.711	23.52	23.15	258.6	0.	22.7	0.1	22.0	77.5	122.0	76.7	76.4	122.0	89.
1025	4.0	38.7	42.4	34.7	34.7	36.1	7.34	7.38	7.323	20.26	19.94	260.0	0.	19.5	0.0	19.0	77.6	129.0	76.8	76.2	129.0	90.
1026	4.0	36.9	39.6	34.8	34.8	36.0	5.54	5.61	5.516	17.41	17.17	260.0	0.	16.5	0.1	16.4	77.5	137.0	76.0	76.4	137.0	90.
1027	4.0	35.3	36.6	34.8	34.8	35.8	3.8	3.86	3.768	14.12	13.93	261.9	0.	13.2	0.1	13.3	78.0	152.3	76.5	77.1	152.4	91.
1028	4.0	34.5	35.2	34.8	34.8	35.6	2.96	3.06	2.924	12.26	12.07	261.5	0.	11.0	0.0	11.5	77.8	163.5	76.6	77.0	163.5	91.
1029	4.0	33.9	34.3	34.7	34.7	35.5	2.44	2.52	2.411	10.85	10.8	262.4	0.	9.5	0.1	10.3	77.5	173.5	76.5	76.8	173.5	91.
1030	4.0	33.4	33.7	34.7	34.7	35.5	1.98	2.03	1.975	9.49	9.478	261.8	0.	8.0	0.1	9.1	77.4	186.5	76.4	76.4	186.5	92.
1031	4.0	33.3	33.3	34.9	34.9	35.5	1.7	1.79	1.68	8.477	8.466	262.1	0.	6.8	0.1	8.1	77.3	198.6	76.3	76.4	198.5	92.
1032	4.0	33.2	33.0	34.9	34.9	35.5	1.51	1.63	1.498	7.707	7.75	263.3	0.	5.9	0.1	7.5	77.4	209.5	76.3	76.0	209.5	92.
1033	4.0	32.9	32.7	34.7	34.7	35.3	1.35	1.45	1.353	7.161	6.868	261.9	0.	4.7	0.1	6.5	77.5	226.5	76.4	76.6	226.5	92.
1034	4.0	33.1	32.9	34.8	34.8	35.3	1.52	1.61	1.476	6.177	6.424	263.0	0.	4.5	0.1	6.2	77.6	235.4	76.7	76.5	235.2	91.
1035	4.0	34.2	34.0	34.9	34.9	35.9	2.58	2.73	2.565	5.914	5.862	262.9	0.	4.0	0.1	5.7	78.0	251.5	76.9	77.0	251.5	89.
1036	4.0	32.7	32.9	34.8	34.8	35.4	1.46	1.45	1.457	7.376	7.357	264.6	0.	6.1	0.1	7.1	77.5	216.5	76.6	76.7	216.5	91.
1037	4.0	42.1	49.2	34.7	34.7	36.7	11.3	11.3	11.35	25.61	25.2	258.2	0.	24.9	0.0	23.8	76.9	119.0	75.8	75.6	119.0	89.
1038	4.0	52.8	66.6	34.7	34.8	38.5	19.3	21.5	21.61	36.67	36.5	255.4	0.	36.1	0.1	34.1	76.6	120.0	75.5	75.2	120.0	88.
1039	4.0	49.5	61.0	34.7	34.7	38.1	17.8	18.1	18.18	33.48	33.33	256.8	0.	33.0	0.1	31.2	77.6	125.0	76.3	76.8	125.0	88.
1040	4.0	47.0	56.6	34.6	34.7	37.6	15.6	15.6	15.69	30.98	30.71	257.1	0.	30.4	0.1	28.8	77.0	128.0	75.5	75.6	128.0	88.
1041	4.0	43.6	51.1	34.7	34.7	37.1	12.2	12.3	12.28	27.4	26.98	257.9	0.	26.9	0.0	25.6	76.7	134.6	75.8	75.2	134.6	89.
1042	4.0	41.3	46.5	34.7	34.7	36.7	9.54	9.59	9.534	24.04	23.6	259.1	0.	23.5	0.1	22.5	77.5	143.5	76.8	76.4	143.5	89.
1043	4.0	38.6	42.3	34.6	34.7	36.4	7.15	7.2	7.123	20.5	20.2	259.8	0.	20.1	0.1	19.2	77.9	154.5	76.3	76.7	154.6	90.
1044	4.0	36.9	39.8	34.6	34.7	36.1	5.62	5.65	5.584	18.09	17.73	260.5	0.	17.5	0.1	17.0	77.5	165.0	76.5	76.6	165.0	90.
1045	4.0	35.3	37.2	34.6	34.7	35.9	4.1	4.14	4.041	14.77	14.59	261.3	0.	14.2	0.0	13.9	77.0	183.0	75.0	75.4	183.0	91.
1046	4.0	34.7	35.7	35.0	34.9	36.1	3.18	3.25	3.178	12.42	12.32	261.9	0.	11.7	0.1	11.7	76.0	201.6	74.9	75.2	201.6	91.
1047	4.0	34.3	35.0	34.9	34.9	35.8	2.81	2.87	2.806	11.3	11.15	262.7	0.	10.4	0.1	10.7	78.2	214.4	75.2	75.1	214.3	91.
1048	4.0	34.2	34.4	34.7	34.7	35.5	2.71	2.81	2.683	10.57	10.59	262.6	0.	9.7	0.1	10.1	77.7	224.0	76.7	76.2	224.0	91.
1049	4.0	34.6	34.9	34.7	34.7	35.7	3.34	3.29	3.428	9.539	9.548	263.5	0.	8.7	0.1	9.0	77.6	238.9	76.5	77.2	238.8	88.
1050	4.0	34.2	34.5	34.8	34.8	35.7	2.75	2.74	2.701	9.841	10.13	261.2	0.	10.1	0.1	9.7	77.0	229.8	75.4	76.2	229.8	89.
1051	4.0	34.7	35.4	35.2	35.2	36.1	2.82	2.87	2.906	9.86	9.81	263.6	0.	9.2	0.1	9.3	76.0	233.5	74.9	75.2	233.5	89.
1052	4.0	36.0	36.0	34.5	34.7	36.6	4.9	4.78	4.858	9.003	9.012	262.4	0.	6.4	0.1	8.5	76.0	248.0	75.2	74.8	248.0	89.
1053	4.0	45.2	54.0	34.7	34.7	37.3	13.9	13.9	14.01	29.25	29	257.0	0.	28.8	0.1	27.3	77.5	132.0	76.5	76.3	132.0	89.
1054	4.0	52.5	66.5	34.9	34.9	38.7	19.1	21	21.11	36.79	36.76	255.4	0.	36.4	3.1	34.4	76.6	133.5	75.5	75.0	133.5	87.
1055	4.0	48.9	60.7	34.6	34.7	38.1	17.5	17.6	17.77	33.69	33.48	256.9	0.	33.2	1.3	31.4	77.0	139.5	75.7	75.7	139.5	88.
1056	4.0	45.5	54.6	34.7	34.7	37.6	14.1	14.1	14.1	30.21	29.69	257.0	0.	29.6	0.1	27.9	76.9	147.0	75.5	75.6	147.0	89.
1057	4.0	42.5	49.5	34.7	34.7	37.0	11.2	11.3	11.24	26.49	26.15	257.7	0.	26.2	0.1	24.9	76.5	155.5	75.5	75.3	155.5	89.
1058	4.0	39.5	44.4	34.6	34.7	36.5	8.24	8.22	8.226	22.51	22.1	260.4	0.	22.3	0.0	21.0	77.0	170.0	75.8	75.5	170.0	89.
1059	4.0	37.8	41.1	34.8	34.8	36.3	6.26	6.28	6.243	18.97	18.67	260.1	0.	18.7	0.1	17.7	77.9	187.5	77.0	76.8	187.5	91.
1060	4.0	36.4	38.5	34.8	34.8	36.1	4.8	4.82	4.767	15.74	15.6	261.2	0.	15.2	0.1	14.8	77.6	209.4	76.5	76.3	209.4	90.
1061	4.0	36.5	37.8	35.1	35.0	36.5	4.59	4.73	4.563	13.24	13.08	262.7	0.	12.8	0.0	12.4	76.2	232.4	74.9	75.2	232.4	90.
1062	4.0	38.9	39.7	35.0	34.9	36.1	7.32	7.21	7.4	12.23	12.12	262.5	0.	11.8	0.0	11.4	76.3	245.5	75.3	74.9	245.5	90.
1063	4.0	37.9	38.9	35.1	35.1	37.1	5.88	5.78	5.675	12.87	12.66	262.7	0.	13.1	0.1	12.1	77.7	240.0	76.5	76.6	239.9	90.
1064	4.0	36.0	37.7	34.9	34.9	36.0	4.47	4.47	4.449	14.05	13.88	263.2	0.	13.6	0.0	13.3	77.2	225.2	76.1	76.2	225.0	89.
1065	4.0	35.8	37.6	34.6	34.7	35.7	4.48	4.46	4.472	14.65	14.57	261.2	0.	14.2	0.1	13.9	77.0	219.0	75.6	75.6	219.0	89.
1066	4.0	36.0	38.0	34.6	34.7	35.7	4.64	4.62	4.64	15.26	15.06	262.1	0.	14.9	0.0	14.3	76.6	213.0	75.6	75.5	213.0	89.
1067	4.0	36.8	39.5	34.8	34.8	36.1	5.41	5.37	5.403	17.22	16.98	261.2	0.	16.9	0.0	16.2	77.0	198.0	75.8	75.7	198.0	89.
1068	4.0	41.1	47.1	34.9	34.9	36.8	9.66	9.64	9.67	24.53	24.12	259.6	0.	24.2	0.0	22.9	77.6	163.5	76.6	76.7	163.5	89.
1069	4.0	52.0	66.1	34.7	34.7	38.7	19	20.6	20.76	37	36.9	255.7	0.	36.9	0.0	34.5	76.9	148.5	75.9	75.5	148.4	88.
1070	4.0	49.0	61.1	34.8	34.8	38.2	17.5	17.6	17.75	34.03	33.95	257.5	0.	34.0	0.1	31.7	77.9	155.4	77.0	76.7	155.2	88.

SRL Single Tube Flow Instability Test # 4.0

Inconel

ID = 0.612"

1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
	PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E									
1021	22.6	245.8	253.6	255.5	264.7	271.9	271.8	273.4	277.7	274.7	278.1	278.8	273.3	284.7	278.4	280.7	280.7	280.7	281.3
1022	22.7	249.6	257.7	260.3	269.1	275.7	275.9	278.3	282.6	280.1	283.0	283.8	278.5	290.0	283.4	286.3	285.8	285.6	286.7
1023	23.1	253.7	261.8	264.9	274.8	283.0	282.8	285.5	290.0	287.0	290.6	291.7	285.9	298.3	291.2	293.9	293.6	293.7	294.7
1024	23.4	262.7	270.5	275.9	283.9	291.8	292.1	296.0	300.1	299.2	301.3	302.9	298.3	309.1	302.5	305.5	304.5	304.9	305.5
1025	23.8	268.1	276.8	281.7	292.4	301.5	301.3	308.2	310.7	308.8	312.6	314.0	308.5	320.8	313.8	316.7	316.5	316.5	317.9
1026	24.1	274.5	283.1	289.2	301.1	312.2	311.6	318.5	322.9	319.9	324.5	326.0	319.9	333.7	326.2	329.6	329.1	329.7	330.6
1027	24.1	288.5	298.5	308.3	319.0	331.6	332.0	340.9	345.2	345.9	348.7	351.2	347.0	359.1	351.2	355.2	354.4	354.9	355.9
1028	24.3	293.4	303.4	315.0	327.6	343.6	343.5	354.7	359.3	358.5	363.4	365.5	360.4	374.6	366.8	370.6	369.6	370.9	372.6
1029	24.2	298.3	308.6	322.5	335.5	353.6	353.7	367.4	371.9	372.0	377.3	379.4	372.9	388.1	380.4	383.4	383.0	383.2	385.3
1030	24.4	304.0	313.4	332.4	344.5	367.1	367.5	382.7	387.4	384.8	391.6	391.9	385.7	399.1	392.6	394.0	393.5	392.8	395.7
1031	24.7	309.8	318.3	340.4	354.0	378.6	378.8	393.8	397.9	393.0	399.7	399.6	393.9	406.4	399.8	401.2	400.9	400.0	402.8
1032	24.6	313.7	322.0	348.4	362.6	388.3	388.7	401.4	405.1	400.0	406.8	406.9	401.0	412.6	407.1	407.6	407.8	405.8	409.4
1033	24.3	319.3	328.8	358.5	374.4	400.2	401.2	410.4	415.4	408.3	415.3	414.0	408.5	417.2	413.5	411.6	412.0	407.9	412.3
1034	23.7	323.9	334.7	365.5	380.9	405.8	407.1	412.5	417.4	409.6	416.3	414.5	406.7	413.8	413.1	411.2	411.2	407.0	410.9
1035	21.8	354.8	370.0	384.6	399.4	411.7	411.3	414.4	418.6	408.3	413.8	412.4	405.7	414.6	410.3	409.5	409.0	405.2	408.5
1036	24.2	320.0	327.8	359.7	368.4	393.4	393.4	399.6	404.6	402.5	406.7	408.6	401.8	413.5	408.4	410.4	409.6	407.5	410.9
1037	23.5	282.9	280.4	309.0	289.7	291.4	293.6	299.9	304.8	317.5	304.4	308.7	297.0	309.5	304.1	313.1	309.2	308.2	306.3
1038	22.7	323.6	334.8	338.6	347.9	353.9	354.3	357.4	363.0	361.0	363.1	365.4	358.8	371.7	363.1	369.0	367.2	366.3	367.3
1039	22.9	329.8	340.8	345.5	354.1	360.6	361.0	364.6	370.3	369.3	370.7	373.3	367.2	379.3	370.9	376.8	374.9	374.2	375.0
1040	22.9	332.6	344.0	348.7	358.4	365.5	365.4	370.0	375.4	373.3	375.8	378.3	369.2	385.0	376.6	382.3	380.4	379.8	380.9
1041	23.4	337.8	350.1	353.8	365.8	374.4	374.3	379.3	384.7	381.6	385.9	388.3	380.2	395.8	386.7	392.3	390.6	390.2	391.9
1042	23.7	343.6	358.4	360.4	375.1	385.3	385.2	390.7	396.6	392.0	397.9	399.3	392.1	408.5	398.8	403.9	402.3	402.6	404.9
1043	23.9	353.4	369.7	371.7	388.1	399.5	399.1	407.0	412.2	408.4	414.6	416.6	409.3	426.3	416.1	421.3	419.9	420.0	422.1
1044	23.9	363.3	378.6	383.0	399.3	412.4	412.2	421.7	427.1	424.2	430.3	432.6	425.1	442.0	432.2	437.3	436.2	436.1	438.2
1045	24.1	372.6	389.9	395.9	414.7	431.3	431.2	441.6	447.3	440.6	448.1	448.8	442.1	457.8	449.1	452.4	451.7	450.5	453.7
1046	24.5	383.8	398.7	412.3	429.7	450.4	449.7	454.8	460.0	453.9	460.0	461.4	455.7	469.9	461.3	464.9	464.4	462.7	466.2
1047	24.4	389.9	403.0	421.5	437.4	459.0	457.9	462.0	467.0	461.0	467.7	468.5	460.8	475.1	468.6	469.4	469.2	465.9	470.0
1048	23.9	395.2	408.4	428.9	445.3	464.7	464.2	467.8	473.9	465.2	472.0	471.7	463.3	476.6	470.8	470.7	470.4	465.9	470.3
1049	21.5	420.2	433.1	446.3	461.0	470.0	470.4	471.6	477.2	465.6	471.5	469.9	462.3	472.2	466.4	467.3	466.3	461.3	464.9
1050	22.6	419.6	430.7	443.6	456.1	465.4	465.5	467.6	473.0	462.7	468.6	467.5	459.6	471.7	465.2	465.9	465.2	460.6	464.8
1051	22.4	417.9	430.3	443.6	457.6	467.2	467.9	469.9	475.9	464.7	470.6	469.7	462.1	473.0	466.8	467.9	466.9	462.2	465.9
1052	22.7	434.3	447.2	450.1	466.3	473.3	473.6	473.3	479.0	465.7	471.4	469.9	461.8	472.2	466.1	467.0	466.3	461.0	464.8
1053	23.3	351.6	352.1	372.4	365.3	371.8	372.6	377.2	383.2	385.1	383.4	386.5	379.3	392.3	383.2	391.3	388.3	387.9	388.4
1054	23.0	393.7	409.7	409.6	423.8	431.6	431.5	435.4	441.8	438.6	442.1	444.2	438.7	453.6	442.4	448.4	446.8	445.9	447.7
1055	23.1	397.9	415.4	414.6	430.9	439.0	438.7	443.4	449.7	445.6	450.4	452.1	446.7	461.9	450.9	456.3	455.0	454.0	456.5
1056	23.6	405.3	423.1	422.8	439.7	449.2	449.1	454.1	460.9	456.4	461.6	464.0	457.6	474.1	462.3	468.3	466.8	466.1	468.4
1057	23.8	414.1	432.3	431.9	449.7	460.1	459.8	466.2	473.1	469.2	474.4	476.4	470.0	487.2	475.5	481.3	479.6	479.3	481.6
1058	23.8	425.0	445.3	443.9	464.9	476.9	476.2	484.8	491.7	485.2	493.3	494.1	488.1	505.0	493.4	497.9	497.2	495.6	499.2
1059	24.3	438.0	458.7	458.9	481.2	495.9	495.3	501.8	507.8	498.7	506.8	507.1	500.7	517.0	506.7	510.2	509.5	507.9	511.9
1060	23.8	457.8	476.7	483.9	502.5	514.1	513.8	516.9	523.5	515.8	522.3	522.5	515.9	530.2	521.1	523.0	522.6	518.7	523.0
1061	23.6	472.5	493.1	495.4	518.4	526.2	525.6	526.3	533.8	519.4	527.3	525.2	517.4	528.4	521.4	521.5	520.6	514.4	518.7
1062	23.5	492.8	511.0	507.9	528.2	531.7	531.5	531.7	539.1	521.9	529.0	527.0	519.5	530.6	522.7	523.3	522.3	516.2	520.7
1063	23.4	489.3	504.6	505.5	524.5	527.7	527.5	528.4	535.3	519.4	526.8	525.0	517.4	528.5	521.1	521.4	520.8	514.1	518.9
1064	22.4	480.1	493.5	501.0	516.1	520.2	520.7	523.9	530.7	518.3	524.8	524.2	516.2	528.8	521.4	522.7	521.8	516.2	520.8
1065	22.3	475.5	492.1	498.1	512.6	517.3	517.4	521.4	527.7	517.7	523.4	523.9	514.7	528.5	521.2	523.3	522.2	517.0	521.8
1066	22.2	471.7	487.7	495.4	508.5	514.4	515.0	518.1	525.0	516.6	522.2	522.9	513.4	528.5	520.2	523.3	522.1	517.5	521.8
1067	22.7	464.0	476.2	488.2	496.6	507.1	507.7	510.1	516.9	511.9	515.1	517.2	508.5	524.2	514.6	520.2	518.4	515.5	518.5
1068	23.5	435.2	444.8	458.6	462.1	470.8	471.6	479.5	486.8	488.2	488.5	491.9	483.6	499.7	488.8	497.1	494.2	493.1	494.5
1069	22.9	467.5	485.3	486.3	501.2	508.7	509.0	514.0	521.8	518.3	522.0	524.8	517.6	534.9	522.2	530.0	527.6	526.2	528.3
1070	23.3	472.0	491.6	491.3	508.4	516.7	516.7	522.5	530.3	525.9	530.7	533.1	525.9	544.6	531.2	538.9	536.2	535.1	537.8

SRL Single Tube Flow Instability Test # 4.0
Inconel ID = 0.612"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VLTB	CURRT	HRATIO	TEW06S	TKW01S	VL	HL	YEAR	DAY	MIN											
	HFLX	VLTT	QUALITY	DPP1	TKW07N	BL	ID	DPL	MONTH	HRS	RUN											
1021	143.1	0.399	65.4	65.1	2290	-16.1	102.0	65.9	132.5	290.5	291.3	0	95.5	0.612	96.0	100.5	1989	2	14	21	21	1021
1022	148.8	0.399	65.3	65.1	2287	-15.8	101.4	66.0	132.5	294.5	295.8	0	95.5	0.612	96.0	100.5	1989	2	14	21	23	1022
1023	148.5	0.398	65.4	65.0	2285	-15.4	100.9	66.1	133.0	303.2	304.0	0	95.5	0.612	96.0	100.5	1989	2	14	21	25	1023
1024	148.3	0.397	65.2	65.0	2282	-14.7	101.0	66.6	132.6	313.8	315.5	0	95.5	0.612	96.0	100.5	1989	2	14	21	30	1024
1025	148.4	0.398	65.3	65.0	2282	-13.9	100.6	66.7	132.7	326.3	327.7	0	95.5	0.612	96.0	100.5	1989	2	14	21	33	1025
1026	148.1	0.397	65.3	65.0	2278	-13.1	100.4	66.9	132.7	338.6	341.4	0	95.5	0.612	96.0	100.5	1989	2	14	21	34	1026
1027	150.0	0.402	65.7	65.4	2293	-11.5	100.4	67.3	132.7	364.9	366.9	0	95.5	0.612	96.0	100.5	1989	2	14	21	39	1027
1028	150.1	0.402	65.7	65.4	2294	-10.2	100.2	67.5	132.6	380.4	383.6	0	95.5	0.612	96.0	100.5	1989	2	14	21	41	1028
1029	149.8	0.401	65.7	65.4	2291	-9.2	100.7	67.6	132.7	393.1	396.9	0	95.5	0.612	96.0	100.5	1989	2	14	21	43	1029
1030	149.9	0.402	65.8	65.5	2289	-7.8	100.4	67.8	132.7	405.0	406.3	0	95.5	0.612	96.0	100.5	1989	2	14	21	45	1030
1031	149.7	0.401	65.8	65.5	2287	-6.5	99.9	67.8	132.5	411.0	413.4	0	95.5	0.612	96.0	100.5	1989	2	14	21	47	1031
1032	149.8	0.401	65.8	65.5	2288	-5.3	99.6	67.7	132.8	418.7	419.8	0	95.5	0.612	96.0	100.5	1989	2	14	21	50	1032
1033	150.0	0.402	65.8	65.5	2289	-3.4	99.5	68.0	132.3	424.1	420.3	0	95.5	0.612	96.0	100.5	1989	2	14	21	52	1033
1034	150.0	0.402	65.8	65.5	2290	-2.3	98.6	68.1	132.8	423.0	418.8	0	95.5	0.612	96.0	100.5	1989	2	14	21	54	1034
1035	150.0	0.402	65.9	65.6	2288	-0.6	99.0	68.0	132.8	421.3	417.5	0	95.5	0.612	96.0	100.5	1989	2	14	21	59	1035
1036	150.1	0.402	65.8	65.5	2290	-4.5	99.4	67.6	132.4	419.4	420.3	0	95.5	0.612	96.0	100.5	1989	2	14	22	9	1036
1037	150.6	0.403	65.7	65.5	2301	-15.0	102.4	66.1	132.9	311.4	312.7	0	95.5	0.612	96.0	100.5	1989	2	14	22	11	1037
1038	224.8	0.602	80.4	80.1	2805	-14.9	102.5	65.3	133.1	378.4	381.1	0	95.5	0.612	96.0	100.5	1989	2	14	22	17	1038
1039	224.7	0.602	80.5	80.1	2804	-14.4	102.3	65.4	132.5	386.2	388.7	0	95.5	0.612	96.0	100.5	1989	2	14	22	21	1039
1040	224.5	0.601	80.5	80.1	2801	-14.0	101.4	66.1	132.9	392.2	394.0	0	95.5	0.612	96.0	100.5	1989	2	14	22	23	1040
1041	224.6	0.602	80.5	80.2	2802	-13.3	101.0	66.1	132.9	402.5	405.1	0	95.5	0.612	96.0	100.5	1989	2	14	22	25	1041
1042	224.5	0.601	80.5	80.2	2801	-12.4	100.8	66.5	133.0	416.9	418.8	0	95.5	0.612	96.0	100.5	1989	2	14	22	27	1042
1043	224.5	0.602	80.6	80.2	2799	-11.2	100.2	66.6	132.4	432.7	436.2	0	95.5	0.612	96.0	100.5	1989	2	14	22	29	1043
1044	225.2	0.603	80.7	80.4	2802	-10.0	100.3	67.0	132.5	448.7	451.9	0.0	95.5	0.612	96.0	100.5	1989	2	14	22	31	1044
1045	224.7	0.602	80.6	80.3	2798	-8.1	100.3	67.3	133.0	464.6	466.8	0.0	95.5	0.612	96.0	100.5	1989	2	14	22	32	1045
1046	224.4	0.601	80.6	80.3	2796	-6.2	100.4	67.4	133.0	476.6	478.8	0.0	95.5	0.612	96.0	100.5	1989	2	14	22	35	1046
1047	224.1	0.600	80.6	80.2	2794	-4.8	100.2	67.5	133.0	483.0	481.1	0.0	95.5	0.612	96.0	100.5	1989	2	14	22	37	1047
1048	224.2	0.601	80.6	80.3	2793	-3.9	100.7	67.5	132.8	484.9	480.2	0.0	95.5	0.612	96.0	100.5	1989	2	14	22	39	1048
1049	224.0	0.600	80.5	80.2	2792	-2.2	100.4	67.2	133.2	479.4	475.5	0.0	95.5	0.612	96.0	100.5	1989	2	14	22	45	1049
1050	224.2	0.601	80.6	80.3	2792	-3.3	100.8	67.3	132.7	480.5	477.4	0.0	95.5	0.612	96.0	100.5	1989	2	14	22	48	1050
1051	224.3	0.601	80.6	80.3	2795	-2.9	100.5	67.3	132.7	480.3	477.0	0.0	95.5	0.612	96.0	100.5	1989	2	14	22	50	1051
1052	224.1	0.600	80.6	80.3	2790	-1.3	101.1	67.4	132.7	479.9	475.6	0.0	95.5	0.612	96.0	100.5	1989	2	14	22	55	1052
1053	225.8	0.605	80.6	80.3	2811	-13.6	101.8	65.9	132.2	399.4	401.0	0.0	95.5	0.612	96.0	100.5	1989	2	14	22	58	1053
1054	297.7	0.798	92.8	92.3	3226	-13.5	101.9	65.2	133.1	462.0	463.0	0.0	95.5	0.612	96.0	100.5	1989	2	14	23	18	1054
1055	299.2	0.802	92.8	92.7	3227	-12.9	102.0	65.5	133.1	470.5	473.1	0.0	95.5	0.612	96.0	100.5	1989	2	14	23	21	1055
1056	298.2	0.799	92.9	92.5	3223	-12.1	101.6	65.7	132.6	481.8	484.6	0.0	95.5	0.612	96.0	100.5	1989	2	14	23	23	1056
1057	296.6	0.795	92.9	92.0	3222	-11.1	100.8	65.9	132.7	495.2	497.7	0.0	95.5	0.612	96.0	100.5	1989	2	14	23	25	1057
1058	297.8	0.798	92.9	92.4	3223	-9.5	100.3	66.3	132.7	513.5	514.7	0.0	95.5	0.612	96.0	100.5	1989	2	14	23	27	1058
1059	298.1	0.799	93.0	92.6	3218	-7.7	100.0	66.9	132.9	525.2	527.8	0.0	95.5	0.612	96.0	100.5	1989	2	14	23	29	1059
1060	296.9	0.795	92.8	92.4	3213	-5.5	100.9	67.2	133.3	539.2	536.6	0.0	95.5	0.612	96.0	100.5	1989	2	14	23	34	1060
1061	297.0	0.796	92.9	92.5	3212	-3.0	100.4	67.4	132.9	537.8	532.6	0.0	95.5	0.612	96.0	100.5	1989	2	14	23	37	1061
1062	298.9	0.801	93.2	92.8	3221	-1.5	100.1	67.4	133.3	539.8	534.0	0.0	95.5	0.612	96.0	100.5	1989	2	14	23	42	1062
1063	299.0	0.801	93.2	92.8	3222	-2.2	100.4	67.2	132.1	538.9	532.9	0.0	95.5	0.612	96.0	100.5	1989	2	14	23	44	1063
1064	298.7	0.800	93.2	92.7	3222	-3.7	100.2	67.0	133.2	538.8	534.3	0.0	95.5	0.612	96.0	100.5	1989	2	14	23	47	1064
1065	298.5	0.800	93.1	92.7	3221	-4.4	101.0	67.1	132.7	537.6	534.9	0.0	95.5	0.612	96.0	100.5	1989	2	14	23	49	1065
1066	298.3	0.799	93.1	92.6	3220	-4.9	100.4	66.9	133.3	537.5	535.5	0.0	95.5	0.612	96.0	100.5	1989	2	14	23	51	1066
1067	298.7	0.800	93.0	92.7	3223	-6.6	100.4	66.7	132.5	532.1	533.7	0.0	95.5	0.612	96.0	100.5	1989	2	14	23	53	1067
1068	298.8	0.801	93.2	92.6	3227	-10.3	100.8	66.5	133.3	506.5	509.1	0.0	95.5	0.612	96.0	100.5	1989	2	14	23	56	1068
1069	375.4	1.006	104.3	103.8	3616	-12.0	102.3	65.4	132.3	544.4	546.6	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	3	1069
1070	375.4	1.006	104.3	103.9	3614	-11.2	101.9	65.4	132.3	553.4	557.4	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	5	1070

SRL Single Tube Flow Instability Test # 4.0

Inconel

ID = 0.612"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FBI1	FMO1	OTI1	TRTO1	TJT12	PPO1	TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRTI1	TJT11	TRT02
1071	4.0	45.9	55.8	34.6	34.7	37.6	14.7	14.7	14.76	31.03	30.76	256.9	0.	30.9	0.1	29.1	76.0	161.0	75.1	74.9	161.0	89.
1072	4.0	43.8	52.1	34.7	34.7	37.4	12.5	12.4	12.55	28.47	28.11	258.6	0.	28.4	0.0	26.6	76.0	168.5	74.9	74.8	168.5	89.
1073	4.0	41.7	48.2	34.8	34.8	37.1	10.3	10.2	10.32	25.68	25.01	259.7	0.	25.3	0.1	23.7	77.2	180.5	76.3	76.0	180.5	90.
1074	4.0	40.1	44.6	34.9	34.8	36.7	8.39	8.38	8.354	22.2	21.87	259.6	0.	22.1	0.1	20.8	77.7	195.5	77.0	76.6	195.5	90.
1075	4.0	38.4	42.2	34.7	34.7	36.4	7.1	7.09	7.082	19.67	19.33	261.5	0.	19.6	0.1	18.4	76.6	209.1	75.5	75.8	209.1	90.
1076	4.0	37.9	40.8	34.7	34.7	36.2	6.51	6.55	6.469	17.96	17.62	260.8	0.	17.7	0.1	16.8	76.8	222.0	75.7	75.2	222.0	89.
1077	4.0	38.7	41.3	35.0	34.9	36.9	6.95	7.05	6.901	16.85	16.58	260.7	0.	16.4	0.1	15.9	77.4	231.5	76.3	75.8	231.5	90.
1078	4.0	39.5	41.8	35.0	34.9	37.6	7.89	7.85	7.9	16.43	16.02	259.6	0.	16.7	0.1	15.4	76.3	236.0	75.5	75.4	236.0	90.
1079	4.0	37.8	40.5	34.6	34.6	36.2	6.54	6.57	6.583	17.28	17.03	261.0	0.	17.3	0.1	16.2	76.1	226.8	74.8	75.1	226.8	88.
1080	4.0	37.9	41.0	34.6	34.6	36.0	6.65	6.69	6.651	18.32	17.95	260.5	0.	17.4	0.0	17.1	78.0	220.0	77.2	76.7	220.0	88.
1081	4.0	38.2	41.5	34.7	34.7	36.2	6.83	6.83	6.855	18.91	18.62	261.7	0.	19.0	0.1	17.8	77.5	215.0	76.7	76.0	215.0	88.
1082	4.0	39.1	43.3	34.7	34.7	36.3	7.75	7.73	7.741	20.92	20.57	259.8	0.	20.8	0.1	19.5	78.9	201.6	75.4	75.5	201.6	89.
1083	4.0	40.6	46.4	34.6	34.6	36.6	9.48	9.44	9.511	24.14	23.71	259.9	0.	23.9	0.0	22.4	78.0	187.0	77.1	76.7	187.0	89.
1084	4.0	47.8	58.7	34.9	34.8	38.2	16.2	16.3	16.34	32.93	32.41	256.1	0.	32.5	0.0	30.4	76.4	157.0	75.6	75.2	157.0	88.
1085	4.0	52.4	66.5	34.9	34.9	39.1	19.1	21	20.95	37.23	37.29	255.3	0.	37.6	0.0	34.9	120.8	191.6	119.4	119.4	191.6	87.
1086	4.0	50.5	63.0	34.6	34.7	38.5	18.4	19.1	19.16	35.35	35.36	257.4	0.	35.8	0.0	33.1	121.5	196.0	120.7	120.3	196.0	88.
1087	4.0	48.5	59.5	34.8	34.8	38.3	17	17	17.1	33.28	33.16	256.9	0.	33.6	0.1	31.1	122.0	201.0	120.7	120.5	201.0	88.
1088	4.0	47.0	57.0	34.9	34.9	38.0	15.6	15.6	15.71	31.62	31.44	257.6	0.	31.8	0.1	29.6	121.5	205.0	120.3	119.9	205.0	88.
1089	4.0	45.6	54.3	34.8	34.8	37.7	14.1	14.1	14.21	29.62	29.49	257.8	0.	30.1	0.1	27.8	121.5	210.0	120.3	120.2	210.0	88.
1090	4.0	44.4	51.7	34.9	34.9	37.5	12.8	12.8	12.83	27.83	27.53	259.5	0.	28.1	0.0	26.1	122.0	216.6	121.0	120.5	216.6	89.
1091	4.0	43.6	50.4	34.9	34.9	37.4	12	12	11.97	26.55	26.27	258.5	0.	26.8	0.1	24.9	122.0	221.5	120.6	120.6	221.5	89.
1092	4.0	42.9	49.1	34.9	34.9	37.1	11.4	11.4	11.41	25.62	25.38	259.5	0.	25.9	0.0	24.2	120.5	223.0	119.0	118.9	223.0	89.
1093	4.0	42.4	48.3	34.9	34.9	37.1	10.7	10.7	10.69	24.24	23.97	258.5	0.	24.4	0.1	22.8	120.5	229.0	119.2	119.3	229.0	89.
1094	4.0	42.4	47.3	34.8	34.8	37.3	11	11	11.03	23.09	22.83	259.4	0.	23.6	0.1	21.8	121.0	234.5	119.5	119.6	234.5	89.
1095	4.0	43.5	48.5	35.2	35.0	38.6	11.8	11.7	11.9	22.25	21.99	259.6	0.	22.7	0.1	20.8	120.5	238.4	119.2	119.1	238.5	90.
1096	4.0	42.3	47.8	35.0	35.0	37.3	10.6	10.5	10.58	23.71	23.51	259.3	0.	24.0	0.1	22.3	121.0	231.5	119.2	119.4	231.5	88.
1097	4.0	42.1	47.7	34.6	34.7	36.8	10.9	10.9	10.84	24.56	24.33	260.3	0.	24.9	0.1	23.1	120.5	227.2	119.3	119.1	227.1	88.
1098	4.0	42.8	48.7	34.7	34.7	36.9	11.2	11.2	11.17	25.18	24.89	259.1	0.	25.5	0.1	23.7	121.9	226.5	120.5	120.6	226.5	88.
1099	4.0	49.8	61.8	34.9	35.0	38.5	17.9	18.2	18.27	34.53	34.53	256.0	0.	34.9	0.0	32.4	120.5	197.0	119.6	119.4	197.0	88.
1100	4.0	72.7	79.7	64.9	64.9	67.4	11.1	11.2	11.19	26.38	26.1	259.0	0.	26.6	0.1	24.7	121.6	221.5	120.6	120.2	221.5	119.

SRL Single Tube Flow Instability Test # 4.0
Inconel ID = 0.612"

1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
1071	23.5	477.7	498.0	497.5	515.4	524.8	524.4	531.2	539.4	534.4	540.1	542.4	533.1	553.5	540.3	547.7	545.5	544.3	546.9
1072	23.7	483.8	504.6	503.6	522.7	533.0	533.0	540.7	548.5	542.3	548.4	550.5	540.1	561.6	548.7	555.2	553.5	551.4	554.6
1073	24.0	493.2	514.8	513.5	534.1	546.5	545.8	552.4	560.1	551.4	558.4	559.7	549.6	570.0	557.9	563.2	561.9	559.4	563.2
1074	24.2	508.8	528.4	531.4	548.9	560.6	560.7	563.2	571.2	562.4	567.8	569.7	562.1	579.1	567.5	573.3	571.8	568.4	572.3
1075	23.9	516.9	537.6	538.7	560.6	570.2	570.1	571.9	579.3	567.7	576.0	578.3	566.7	583.7	573.4	577.4	575.7	571.0	576.0
1076	23.6	531.0	550.5	551.6	571.2	578.0	577.8	579.1	587.6	572.6	580.4	579.4	570.5	584.1	575.0	577.3	575.7	568.5	573.4
1077	23.5	539.1	557.6	558.2	577.3	582.5	582.8	582.6	591.2	574.0	581.7	579.8	570.7	583.4	574.2	576.0	574.2	565.9	570.9
1078	23.4	543.2	561.6	560.4	580.2	584.6	584.6	583.6	592.4	573.9	581.7	579.6	570.3	582.9	573.7	575.2	573.5	565.6	570.8
1079	22.4	541.9	557.4	559.3	574.6	579.4	579.9	580.7	588.7	572.9	579.5	578.4	567.7	582.1	573.1	574.4	573.3	565.7	570.8
1080	22.4	536.9	551.5	556.2	570.9	575.8	576.2	578.4	586.0	572.2	578.5	578.1	567.6	582.7	573.2	575.2	574.0	567.3	572.5
1081	22.8	531.3	545.8	552.1	566.4	572.6	572.8	575.4	583.1	571.4	577.6	577.6	566.6	582.8	573.3	576.2	575.0	568.9	573.9
1082	23.4	522.5	537.7	545.3	557.7	565.3	566.3	568.4	575.9	568.3	572.6	574.6	565.8	581.6	570.8	575.4	574.2	569.3	573.8
1083	23.4	514.9	527.9	538.9	545.8	554.2	555.0	560.5	568.3	564.3	566.0	569.0	555.9	575.7	564.5	570.8	569.1	565.2	568.2
1084	23.7	494.9	502.6	518.6	516.8	522.5	523.8	531.6	539.4	545.0	540.2	545.7	530.7	551.5	540.2	550.2	546.9	544.3	543.9
1085	23.6	488.1	505.8	511.8	526.1	535.5	535.5	541.9	549.9	546.8	550.6	553.3	545.9	563.3	550.4	558.2	555.6	553.5	556.4
1086	23.3	491.5	508.7	515.5	530.5	540.0	540.4	547.2	554.9	551.5	555.4	557.8	549.4	567.4	555.0	562.1	560.0	557.2	560.4
1087	23.8	494.4	513.2	519.2	535.1	546.4	546.5	553.5	561.4	555.5	560.6	562.7	553.9	571.4	559.8	565.8	564.1	561.0	564.9
1088	23.9	498.9	516.8	524.8	540.0	551.3	551.2	558.4	566.3	559.7	564.2	566.2	558.3	574.7	563.1	569.5	567.8	564.1	567.8
1089	23.9	502.1	520.9	527.8	545.3	557.2	556.9	562.3	570.3	562.1	567.7	569.2	561.0	578.0	565.9	572.0	570.7	567.0	571.0
1090	24.0	508.4	527.5	535.6	552.9	564.1	564.3	568.2	575.9	567.5	572.9	574.6	566.2	582.0	571.1	576.2	574.7	569.6	574.0
1091	24.1	511.6	530.9	539.3	557.1	568.2	568.2	572.1	579.5	569.3	576.1	577.2	566.4	583.0	572.6	576.8	575.8	570.1	574.5
1092	23.8	514.6	532.6	542.4	559.1	570.0	569.9	574.1	581.5	571.1	577.2	577.8	567.0	583.5	573.4	577.2	575.9	570.0	574.3
1093	23.9	517.9	536.8	545.9	564.0	574.1	574.4	577.8	585.3	572.2	579.0	578.6	569.4	583.3	573.5	576.7	575.4	568.2	572.7
1094	23.6	524.1	540.4	551.5	569.4	578.7	579.2	581.6	589.5	573.4	580.8	579.5	570.6	583.3	573.7	575.4	574.3	564.7	569.4
1095	24.7	526.2	544.6	554.0	572.5	581.9	582.4	583.9	591.8	575.3	582.4	581.5	571.5	584.9	575.3	576.6	575.0	565.2	570.1
1096	23.5	524.5	541.7	553.1	567.9	577.5	578.3	581.2	588.6	574.2	580.8	580.3	570.6	583.9	574.3	576.5	575.0	566.2	571.4
1097	23.1	521.9	536.3	550.0	563.3	573.1	573.7	577.8	585.2	572.6	578.7	578.8	567.5	583.1	573.4	576.7	575.2	568.2	572.7
1098	23.2	518.2	535.8	547.1	562.7	572.7	573.3	577.3	584.7	572.3	578.7	578.6	569.9	583.7	573.6	577.0	575.7	569.0	573.5
1099	23.7	498.2	512.2	525.1	533.7	543.7	543.7	550.7	559.1	556.1	559.1	561.9	552.4	570.3	558.5	565.6	563.4	560.0	563.3
1100	53.5	508.2	529.1	535.1	555.7	570.3	569.8	578.6	586.5	578.1	586.1	587.3	580.1	597.6	584.8	590.6	589.2	586.2	590.7

SRL Single Tube Flow Instability Test # 4.0
Inconel ID = 0.612"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VLTB	CURRT	HRATIO	TEW06S	TKW01S	VL	HL	YEAR	DAY	MIN											
	HFLX	VLTT	QUALITY	DPP1	TKW07N	BL	ID	DPL	MONTH	HRS	RUN											
1071	374.6	1.004	104.2	103.8	3609	-10.6	101.6	65.6	132.8	564.0	565.5	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	7	1071
1072	374.3	1.003	104.2	103.8	3607	-9.8	101.0	65.8	132.7	570.9	573.5	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	8	1072
1073	373.9	1.002	104.2	103.8	3603	-8.5	100.6	66.0	133.1	578.9	581.3	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	10	1073
1074	373.6	1.001	104.2	103.7	3602	-6.9	100.4	66.4	133.3	588.0	589.8	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	14	1074
1075	372.7	0.998	104.2	103.6	3596	-5.4	100.0	66.4	132.7	594.7	593.0	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	16	1075
1076	372.9	0.999	104.2	103.7	3596	-4.0	100.0	66.5	132.6	595.0	589.0	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	20	1076
1077	372.8	0.999	104.2	103.7	3595	-3.0	99.9	66.7	132.2	594.7	587.5	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	23	1077
1078	372.5	0.998	104.2	103.6	3595	-2.5	100.1	66.9	133.0	594.9	586.8	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	25	1078
1079	372.6	0.998	104.2	103.7	3594	-3.5	100.4	66.4	132.2	593.6	586.5	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	27	1079
1080	372.7	0.999	104.2	103.7	3596	-4.1	99.7	66.3	132.5	594.1	589.2	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	29	1080
1081	373.1	1.000	104.1	103.7	3598	-4.7	100.1	66.3	132.2	594.7	591.4	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	31	1081
1082	373.3	1.000	104.2	103.7	3600	-6.1	100.1	66.3	132.0	591.3	591.5	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	33	1082
1083	374.0	1.002	104.3	103.8	3604	-7.7	100.5	66.0	132.9	583.3	585.7	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	35	1083
1084	374.1	1.002	104.2	103.7	3608	-11.1	101.5	65.3	131.9	557.4	560.0	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	37	1084
1085	374.4	1.003	104.3	103.8	3608	-7.4	101.7	64.7	132.3	572.5	575.1	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	44	1085
1086	374.3	1.003	104.2	103.8	3606	-6.9	101.7	64.6	132.5	576.8	577.8	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	47	1086
1087	374.6	1.004	104.3	103.8	3608	-6.3	101.0	64.7	132.6	580.8	582.6	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	49	1087
1088	374.1	1.002	104.3	103.8	3604	-5.9	101.3	64.7	132.7	584.4	585.5	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	53	1088
1089	374.2	1.002	104.3	103.8	3605	-5.3	100.8	64.8	132.1	587.8	588.4	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	55	1089
1090	374.9	1.005	104.4	103.9	3608	-4.6	100.5	65.2	133.0	593.0	592.4	0.0	95.5	0.612	96.0	100.5	1989	2	15	0	58	1090
1091	374.6	1.004	104.4	103.9	3605	-4.1	100.9	65.4	132.9	594.2	591.5	0.0	95.5	0.612	96.0	100.5	1989	2	15	1	0	1091
1092	374.4	1.003	104.3	103.9	3604	-3.9	100.6	65.2	131.9	594.0	591.3	0.0	95.5	0.612	96.0	100.5	1989	2	15	1	2	1092
1093	374.5	1.003	104.4	103.9	3604	-3.3	100.5	65.6	132.5	594.8	588.6	0.0	95.5	0.612	96.0	100.5	1989	2	15	1	5	1093
1094	374.6	1.004	104.5	104.0	3603	-2.7	100.2	65.7	132.7	594.7	585.6	0.0	95.5	0.612	96.0	100.5	1989	2	15	1	9	1094
1095	374.1	1.002	104.4	103.9	3602	-2.3	100.4	65.9	132.7	596.4	586.0	0.0	95.5	0.612	96.0	100.5	1989	2	15	1	12	1095
1096	374.7	1.004	104.4	103.9	3605	-3.0	100.5	65.7	132.8	594.8	587.8	0.0	95.5	0.612	96.0	100.5	1989	2	15	1	16	1096
1097	374.9	1.004	104.5	104.0	3606	-3.4	100.1	65.2	133.2	594.1	589.2	0.0	95.5	0.612	96.0	100.5	1989	2	15	1	17	1097
1098	374.7	1.004	104.4	103.9	3606	-3.5	100.5	65.4	132.6	594.9	590.6	0.0	95.5	0.612	96.0	100.5	1989	2	15	1	21	1098
1099	374.9	1.004	104.3	103.8	3611	-6.8	101.8	64.9	133.0	579.3	580.6	0.0	95.5	0.612	96.0	100.5	1989	2	15	1	25	1099
1100	374.8	1.004	104.4	103.9	3607	-8.6	100.6	65.5	132.0	608.2	609.5	0.0	95.5	0.612	96.0	100.5	1989	2	15	1	30	1100

SRL Single Tube Flow Instability Test # 5.0

Inconel ID = 0.360"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FBI1	FMO1	OTI1	TRTO1	TRTI2											
TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRTI1	TJTI1	TRTO2											
1101	5.0	111.6	128.0	64.7	64.7	67.8	51.98	51.42	0.00	12.68	12.51	263.3	7.2	11.3	12.5	11.8	122.0	122.0	121.2	123.0	122.1
1102	5.0	104.5	118.8	64.7	64.7	67.4	44.78	44.43	0.00	11.85	11.54	262.2	6.6	10.3	11.6	10.9	121.5	121.5	121.0	122.0	121.5
1103	5.0	97.5	109.3	64.7	64.7	67.0	37.72	37.34	0.00	10.45	10.55	264.1	6.1	9.4	10.5	10.0	121.0	121.0	120.0	121.6	121.0
1104	5.0	91.2	101.1	64.7	64.7	66.7	31.48	31.09	0.00	9.42	9.57	264.5	5.5	8.9	9.6	9.1	120.5	120.5	119.8	121.5	120.7
1105	5.0	85.2	92.9	64.7	64.7	66.4	25.16	24.97	0.00	8.17	8.51	265.4	4.9	6.9	8.5	8.2	120.5	120.5	119.7	121.4	120.5
1106	5.0	80.1	86.3	64.7	64.7	66.0	20.11	19.96	0.00	7.27	7.55	264.1	4.3	6.2	7.4	7.2	120.5	120.5	119.8	121.3	120.5
1107	5.0	76.0	81.0	64.7	64.7	65.8	15.94	15.80	15.55	5.88	6.64	264.8	3.8	5.7	6.5	6.4	120.9	120.6	120.4	121.5	120.9
1108	5.0	71.6	75.1	64.7	64.7	65.6	11.39	11.34	11.12	4.89	5.40	265.3	3.1	0.5	5.4	5.3	121.6	121.5	121.4	122.5	121.5
1109	5.0	68.2	70.7	64.6	64.7	65.4	8.07	8.10	7.92	3.74	4.53	265.7	2.6	0.0	4.4	4.5	121.1	121.0	119.7	122.0	121.0
1110	5.0	65.6	67.0	64.6	64.7	65.3	5.24	5.29	5.11	0.00	3.56	265.6	2.1	0.0	3.3	3.5	120.8	120.5	120.7	121.5	120.5
1111	5.0	63.5	64.4	64.8	64.7	65.3	3.07	3.18	2.95	0.00	2.66	266.2	1.5	0.0	2.1	2.9	121.1	120.9	120.7	122.0	121.0
1112	5.0	61.8	62.2	64.7	64.7	65.3	1.36	1.47	1.26	0.00	1.66	266.0	1.0	0.0	0.0	1.9	120.5	120.0	121.9	121.5	120.0
1113	5.0	61.1	61.3	64.7	64.7	65.3	0.77	0.74	0.55	0.00	1.00	266.2	0.6	0.0	0.0	1.3	121.5	120.5	122.5	122.5	120.5
1114	5.0	111.4	127.2	64.8	64.7	66.4	51.57	51.14	0.00	13.14	12.06	262.6	6.9	11.4	12.2	11.5	76.2	76.5	75.7	77.0	76.5
1115	5.0	104.6	118.3	64.7	64.7	66.1	44.90	44.49	0.00	11.52	11.17	261.4	6.4	10.5	11.3	10.6	77.7	78.0	77.0	78.5	78.0
1116	5.0	98.6	110.6	64.7	64.7	65.9	38.89	38.60	0.00	11.38	10.34	263.2	6.0	10.2	10.4	9.9	76.7	77.0	76.4	77.5	77.1
1117	5.0	92.7	102.7	64.6	64.7	65.6	32.95	32.71	0.00	11.25	9.45	263.9	5.4	10.4	9.5	9.1	76.1	76.5	75.2	77.0	76.5
1118	5.0	87.9	96.5	64.7	64.7	65.6	28.17	28.01	0.00	10.23	8.69	262.9	5.0	10.7	8.7	8.3	76.0	76.0	75.3	76.5	76.4
1119	5.0	81.8	88.4	64.7	64.7	65.4	21.79	21.73	0.00	9.50	7.57	262.0	4.4	7.2	7.6	7.3	76.5	76.5	75.9	77.3	76.5
1120	5.0	76.5	81.4	64.9	64.9	65.5	16.47	16.40	0.00	8.06	6.46	264.2	3.7	7.6	6.5	6.3	77.0	77.0	76.6	77.5	77.4
1121	5.0	73.3	76.4	64.8	64.7	65.3	12.64	12.61	0.00	8.88	5.58	262.8	3.2	1.0	5.5	5.5	77.7	78.0	77.2	78.5	78.0
1122	5.0	69.1	71.1	64.7	64.7	65.2	8.39	8.53	0.00	7.83	4.50	265.4	2.6	0.0	4.5	4.5	77.5	77.5	76.8	78.0	77.5
1123	5.0	67.0	68.4	64.7	64.7	65.1	6.36	6.38	0.00	2.96	3.85	263.4	2.2	0.0	3.7	3.8	77.8	78.0	77.3	78.5	78.0
1124	5.0	64.5	65.1	64.8	64.7	65.2	3.73	3.83	0.00	0.00	2.90	264.8	1.7	0.0	2.5	2.9	76.5	76.6	75.7	77.4	76.9
1125	5.0	62.7	63.1	64.8	64.7	65.2	2.22	2.34	0.00	0.00	2.17	265.0	1.2	0.0	1.8	2.3	76.5	76.5	75.8	77.5	76.9
1126	5.0	61.5	61.2	64.8	64.7	65.1	0.78	0.82	0.00	0.00	1.12	263.9	0.8	0.0	0.0	1.6	76.9	77.0	76.5	77.5	77.0
1127	5.0	110.7	127.1	64.8	64.7	66.9	50.72	50.29	0.00	13.78	12.40	261.5	7.1	12.6	12.6	11.8	77.6	126.9	77.1	78.5	126.8
1128	5.0	104.3	118.4	64.7	64.7	66.7	44.18	43.81	0.00	12.58	11.50	263.4	6.6	11.1	11.8	11.1	76.1	129.0	75.6	76.8	129.0
1129	5.0	98.8	111.1	64.8	64.7	66.5	38.45	38.14	0.00	12.17	10.74	262.9	6.2	11.2	11.0	10.3	76.6	133.5	76.1	77.5	133.5
1130	5.0	94.0	104.8	64.7	64.7	66.2	33.72	33.48	0.00	11.30	10.02	263.8	5.8	11.0	10.3	9.6	76.6	137.2	76.0	77.5	137.3
1131	5.0	89.4	98.7	64.7	64.7	66.1	28.99	28.89	0.00	10.08	9.31	262.9	5.4	11.0	9.5	8.8	76.5	141.5	75.8	77.2	141.5
1132	5.0	85.1	92.9	64.7	64.7	65.9	24.65	24.48	0.00	10.08	8.55	262.7	4.9	10.4	8.7	8.2	76.5	147.0	75.8	77.0	147.0
1133	5.0	79.6	85.5	64.7	64.7	65.7	19.02	19.01	0.00	9.75	7.50	263.9	4.3	8.8	7.6	7.2	76.4	156.4	75.6	77.0	156.4
1134	5.0	76.2	81.0	64.7	64.7	65.6	15.57	15.59	0.00	9.02	6.75	263.9	3.9	8.0	6.9	6.5	76.5	165.0	75.9	77.0	165.0
1135	5.0	73.2	76.8	64.7	64.7	65.5	12.39	12.41	0.00	8.22	5.99	263.9	3.5	9.5	6.2	5.8	76.7	176.0	76.3	77.5	176.0
1136	5.0	71.2	74.3	64.8	64.7	65.4	10.52	10.57	0.00	10.07	5.50	264.1	3.2	0.5	5.6	5.3	77.4	184.9	76.7	78.0	184.8
1137	5.0	69.0	71.5	64.8	64.7	65.4	8.17	8.34	0.00	7.84	4.88	263.9	2.8	0.0	4.9	4.8	77.9	200.0	77.2	78.5	200.0
1138	5.0	66.5	68.0	64.8	64.7	65.5	5.69	5.73	0.00	7.59	4.00	258.4	14.5	17.4	18.3	3.9	76.0	224.5	75.2	77.0	224.5
1139	5.0	65.4	66.5	64.7	64.7	65.4	4.61	4.66	0.00	0.00	3.57	260.1	14.3	17.0	17.9	3.5	76.8	243.5	75.4	77.5	243.5
1140	5.0	64.3	65.1	64.9	64.7	65.1	3.60	3.66	0.00	0.00	3.00	259.6	14.4	16.7	17.6	3.0	77.3	274.5	75.6	78.0	274.5
1141	5.0	65.3	66.0	65.3	65.4	65.9	4.04	4.13	0.00	0.00	2.84	260.7	14.3	16.7	17.7	2.8	76.4	279.4	75.2	77.0	279.5
1142	5.0	67.9	70.0	64.8	64.7	65.7	7.04	7.18	0.00	7.79	4.51	260.6	14.4	18.1	18.7	4.3	77.0	207.6	77.8	77.5	207.6
1143	5.0	82.4	89.4	64.6	64.7	66.0	21.93	21.83	0.00	10.46	8.06	259.6	14.3	21.1	22.0	7.7	76.5	151.4	75.4	77.5	151.3
1144	5.0	65.0	65.5	64.7	64.7	65.1	3.88	3.99	0.00	0.00	3.22	260.9	14.4	16.8	17.7	3.0	77.5	259.9	79.3	78.0	259.9
1145	5.0	103.3	117.4	64.8	64.7	67.0	43.01	42.63	0.00	12.98	11.48	258.7	14.3	24.3	25.0	10.9	77.5	157.0	76.9	78.5	157.0
1146	5.0	97.3	109.3	64.7	64.7	66.7	36.98	36.63	0.00	12.24	10.59	258.5	14.4	23.7	24.3	10.2	77.8	163.0	77.2	78.5	163.0
1147	5.0	90.0	100.3	64.7	64.7	66.5	30.26	29.96	0.00	10.79	9.53	257.8	14.5	22.8	23.5	9.2	77.1	171.0	77.1	77.5	171.0
1148	5.0	84.7	91.9	64.8	64.7	66.2	23.79	23.60	0.00	10.01	8.46	259.1	14.4	21.7	22.4	8.1	77.0	183.5	76.0	77.5	183.5
1149	5.0	80.8	87.2	64.7	64.7	66.1	20.17	20.06	0.00	10.72	7.75	259.0	14.3	21.0	21.9	7.4	77.5	193.7	76.4	78.0	193.5
1150	5.0	78.5	81.4	64.7	64.7	65.9	15.86	15.73	0.00	8.80	6.82	257.8	14.5	20.2	20.9	6.7	76.5	208.5	75.3	77.1	208.5
1151	5.0	73.1	77.1	64.8	64.7	65.7	12.54	12.48	0.00	8.24	6.00	257.5	14.2	19.4	20.2	5.9	77.5	227.2	76.9	78.5	227.2
1152	5.0	70.7	73.7	64.8	64.7	65.6	9.98	9.99	0.00	11.69	5.31	259.7	14.4	18.6	19.5	5.2	77.6	245.0	76.9	78.5	245.0
1153	5.0	69.0	71.4	64.8	64.7	65.4	8.25	8.32	0.00	11.15	4.78	259.3	14.2	19.2	19.9	4.8	76.1	261.5	75.4	77.0	261.5
1154	5.0	68.5	70.6	64.8	64.7	65.4	7.78	7.98	0.00	7.79	4.30	260.7	14.3	18.1	18.8	4.4	76.4	282.0	75.7	77.0	282.0

SRL Single Tube Flow Instability Test # 5.0
Inconel **ID = 0.360"**

1	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	PPO1	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
	PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
1101	120.	53.4	120.8	119.5	120.9	117.5	121.0	121.8	121.0	121.5	121.0	121.0	107.9	113.8	119.4	118.1	118.2	121.1	119.5	121.5
1102	120.	53.3	119.7	118.9	120.5	116.7	120.9	121.0	120.6	120.9	120.9	121.0	107.7	112.8	118.7	117.5	117.8	120.9	119.3	120.9
1103	120.	53.4	119.5	118.1	119.7	116.6	120.3	120.7	120.0	120.8	120.0	120.5	107.5	111.9	118.2	116.8	117.0	120.1	118.3	120.4
1104	120.	53.5	119.4	118.0	119.6	116.3	119.7	120.3	119.6	120.5	119.5	119.7	107.3	111.4	118.0	116.7	116.7	119.7	118.1	120.0
1105	121.	53.7	119.1	117.8	119.5	115.9	119.7	119.9	119.5	119.9	119.5	119.5	107.1	110.9	117.9	116.7	116.6	119.5	118.0	119.7
1106	121.	53.9	118.7	117.3	119.4	115.4	119.6	119.7	119.5	120.0	119.5	119.5	107.0	110.3	117.6	116.2	116.2	119.5	118.0	119.6
1107	121.	54.0	119.3	117.4	119.5	115.2	119.6	120.3	119.6	120.2	119.6	119.8	106.5	112.8	117.7	116.2	116.0	119.7	117.8	120.1
1108	122.	54.1	119.5	118.1	120.2	115.6	120.9	120.9	120.6	120.9	120.9	120.9	106.6	112.3	118.0	116.5	116.3	120.8	118.1	120.9
1109	122.	54.0	119.5	118.4	120.4	116.7	120.9	120.9	120.3	120.9	120.2	120.6	106.5	113.1	118.2	116.8	116.8	120.9	118.3	120.7
1110	122.	54.2	118.2	116.5	119.3	114.3	119.5	119.9	119.6	119.6	119.5	119.5	105.4	111.5	116.7	115.3	114.8	119.5	116.7	119.7
1111	122.	54.4	119.5	117.6	119.5	115.4	120.3	120.8	119.9	120.8	119.9	120.2	105.5	112.0	117.6	115.7	115.7	120.0	117.7	120.4
1112	123.	54.5	120.0	118.4	120.9	116.7	121.0	121.0	120.9	121.0	120.9	120.9	107.0	113.1	118.1	116.8	117.0	120.9	118.3	120.9
1113	122.	54.6	119.5	117.4	119.6	115.3	120.2	120.6	119.7	120.6	119.8	120.0	105.3	111.6	117.4	115.6	115.4	119.8	117.6	120.3
1114	120.	52.1	74.7	74.6	74.8	74.9	75.2	75.7	75.4	75.7	75.2	75.1	76.8	71.3	75.5	75.4	74.8	76.0	75.8	75.5
1115	120.	52.4	77.2	76.5	77.5	76.2	77.2	77.5	77.2	77.8	77.1	77.2	77.4	73.0	77.5	77.3	76.4	77.6	77.6	77.6
1116	120.	52.3	76.1	76.5	76.0	76.2	76.1	76.2	76.1	76.5	76.1	76.1	77.7	71.1	76.9	76.3	76.4	76.5	77.4	76.1
1117	120.	52.6	75.8	76.1	75.8	76.1	75.5	75.9	75.6	76.2	75.4	75.3	77.5	70.2	76.2	76.1	76.1	76.1	76.5	75.7
1118	121.	53.1	74.8	76.0	75.0	76.1	75.0	75.4	75.1	75.9	74.9	74.7	77.3	67.0	76.1	76.1	76.0	75.9	76.1	75.1
1119	121.	53.3	75.9	76.0	76.0	76.1	76.0	76.0	75.9	76.2	76.0	75.6	77.2	70.3	76.1	76.1	75.7	76.2	76.1	75.9
1120	122.	53.7	76.0	76.1	76.1	76.1	76.2	76.3	76.1	76.6	76.0	76.0	77.1	69.2	76.2	76.1	76.0	76.3	76.5	76.1
1121	122.	53.9	76.1	76.3	76.7	76.3	77.0	77.3	76.9	77.4	76.6	76.4	77.3	71.8	77.1	76.3	76.3	77.5	77.5	76.9
1122	122.	53.9	76.8	77.6	76.9	77.5	76.8	77.1	76.8	77.5	76.3	76.3	78.0	73.2	77.6	77.5	77.3	77.5	77.8	76.8
1123	122.	54.1	77.1	77.3	77.0	77.1	77.2	77.4	77.2	77.6	76.9	76.9	77.9	72.6	77.5	77.2	77.2	77.5	77.7	77.2
1124	122.	54.4	76.0	76.6	76.2	76.6	75.8	76.0	76.0	76.1	75.9	76.0	77.9	72.1	76.8	76.3	76.7	76.3	77.6	76.1
1125	123.	54.5	76.1	76.2	76.0	76.3	75.7	76.1	76.0	76.1	75.8	75.4	77.7	69.3	76.1	76.1	76.4	76.1	77.1	75.8
1126	123.	54.7	76.1	76.4	76.1	76.0	76.1	76.1	76.1	76.1	76.1	76.1	77.5	68.8	76.0	76.1	76.1	76.2	77.2	76.1
1127	119.	52.5	234.4	216.9	249.2	205.1	263.1	265.7	271.8	269.7	275.3	275.7	145.5	239.6	251.1	235.7	223.5	275.3	241.8	279.4
1128	120.	52.8	239.5	225.1	254.0	221.1	268.0	270.5	277.2	275.7	280.7	280.8	168.5	248.1	261.7	249.7	243.6	282.1	255.0	285.8
1129	121.	52.9	241.9	228.0	256.5	225.4	271.2	273.9	281.0	279.7	284.8	285.6	175.6	252.3	266.8	254.9	248.9	286.2	259.4	290.3
1130	120.	52.9	244.7	230.9	260.6	229.8	275.8	278.3	286.5	285.2	290.9	291.1	181.1	257.7	272.9	260.9	253.8	292.5	265.0	296.2
1131	121.	53.2	248.5	234.0	264.5	233.9	280.2	282.2	291.6	290.6	296.0	296.2	186.9	263.5	279.3	267.3	259.0	298.6	270.6	302.2
1132	121.	53.3	251.3	236.7	268.8	237.4	284.7	287.5	297.5	296.2	302.3	303.0	191.5	267.8	284.6	273.2	263.6	305.0	276.0	309.6
1133	121.	53.4	256.4	239.9	274.3	241.9	293.4	296.0	307.4	305.5	313.9	314.7	197.4	277.0	293.7	281.7	269.6	315.9	284.0	320.8
1134	122.	53.6	262.2	244.3	280.9	247.4	301.4	304.2	317.4	315.6	324.2	324.9	203.0	286.3	304.2	292.0	276.9	327.3	293.4	332.2
1135	122.	53.9	268.7	250.1	289.4	253.4	311.5	314.4	329.8	327.4	337.3	337.7	209.8	297.6	316.3	303.2	286.7	341.0	303.9	346.1
1136	122.	54.0	273.3	254.9	296.0	259.7	318.7	321.3	337.9	336.3	346.7	347.4	218.3	309.3	327.4	313.7	298.6	351.0	314.9	356.5
1137	122.	54.2	282.0	261.7	306.9	268.4	332.5	335.0	354.7	352.5	364.7	365.6	227.9	326.5	343.9	329.7	315.1	369.6	330.2	375.8
1138	115.	48.0	297.2	278.4	326.2	292.9	353.7	356.1	380.3	379.0	392.5	393.5	259.9	356.5	376.1	363.1	355.3	400.0	363.3	406.0
1139	114.	47.8	306.2	289.4	338.6	307.4	369.5	372.1	399.7	398.7	414.0	414.1	277.5	378.1	398.4	385.3	380.6	420.9	385.8	426.0
1140	114.	47.9	320.0	299.9	356.0	319.8	394.0	396.7	426.6	425.4	439.9	440.0	290.9	393.9	414.6	403.7	394.5	438.7	398.6	440.7
1141	116.	49.2	316.2	294.6	349.6	313.7	391.0	395.4	418.6	414.4	432.2	432.7	289.9	381.8	403.8	393.6	383.9	429.0	387.7	432.8
1142	114.	48.0	289.1	274.0	315.1	292.3	339.6	341.6	362.4	362.0	373.0	374.4	277.0	344.5	363.7	356.2	352.7	380.7	353.2	385.4
1143	112.	45.6	259.9	254.1	279.2	272.0	291.1	292.5	304.8	305.9	307.9	309.9	265.3	301.6	314.9	311.9	320.3	316.7	312.1	317.1
1144	115.	48.1	313.9	294.8	348.0	311.5	381.0	384.1	411.5	409.9	423.0	423.8	279.6	380.9	402.0	388.5	377.2	426.1	383.5	430.9
1145	110.	43.9	316.1	303.6	337.9	312.4	353.9	356.1	367.2	367.2	371.0	372.7	274.1	347.8	364.5	354.3	353.9	377.1	352.3	379.7
1146	110.	44.3	319.3	307.2	341.8	316.2	359.2	361.4	373.6	373.1	378.2	379.5	275.6	351.3	369.7	359.1	357.9	384.0	356.7	386.9
1147	111.	45.0	324.1	312.1	348.2	321.4	365.8	368.8	382.1	381.7	387.8	389.4	279.4	360.4	379.0	367.0	365.6	394.1	365.0	397.4
1148	111.	45.7	331.4	318.1	357.1	328.5	377.4	380.1	395.7	395.0	402.7	403.9	283.6	372.2	391.3	379.2	376.0	409.2	376.6	413.1
1149	112.	46.2	339.6	326.1	365.9	338.8	386.9	389.4	407.4	407.5	414.6	416.2	294.6	387.4	406.2	393.9	393.4	422.9	392.7	426.6
1150	113.	47.0	348.5	334.3	377.0	349.8	400.2	402.5	423.3	423.1	432.5	433.8	307.0	404.4	423.6	411.0	411.2	441.1	409.8	444.5
1151	113.	47.2	358.3	342.8	390.2	360.2	416.1	418.5	442.2	442.3	452.4	454.0	317.9	421.8	442.3	429.4	428.6	461.4	427.9	465.5
1152	114.	47.5	366.4	348.8	400.0	365.8	430.4	432.9	458.8	458.2	470.0	471.3	323.3	431.8	454.6	441.6	437.6	476.6	437.6	480.8
1153	113.	46.9	372.0	353.4	406.3	373.1	442.2	446.2	472.4	470.0	483.4	485.0	346.8	443.8	465.9	457.2	458.2	487.0	454.2	491.1
1154	113.	47.0	385.3	366.1	422.6	386.7	459.6	462.8	486.9	485.8	494.3	495.5	359.8	459.2	478.8	467.9	471.2	495.3	464.5	494.4

SRL Single Tube Flow Instability Test # 5.0
Inconel ID = 0.360"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VLTB	CURRT	HRATIO	DPSTD1	TKW01N	VL	HL	YEAR	DAY	MIN											
	HFLX	VLTT	QUALITY	DPP1	TKW07S	BL	ID	DPL	MONTH	HRS	RUN											
1101	0.0	0.000	0.0	0.1	-1	0.0	0.0	67.2	0.0	139.6	123.2	0	95.5	0.360	96.0	100.5	1989	2	23	13	48	1101
1102	0.0	0.000	0.0	0.0	0	0.0	0.0	67.4	0.0	139.6	122.3	0	95.5	0.360	96.0	100.5	1989	2	23	13	52	1102
1103	0.0	0.000	0.0	0.1	-1	0.0	0.0	67.4	0.0	139.6	122.2	0	95.5	0.360	96.0	100.5	1989	2	23	13	55	1103
1104	0.0	0.000	0.0	0.0	0	0.0	0.0	67.2	0.0	139.6	121.8	0	95.5	0.360	96.0	100.5	1989	2	23	13	57	1104
1105	0.0	0.000	0.0	0.1	0	0.0	0.0	67.5	0.0	139.6	122.0	0	95.5	0.360	96.0	100.5	1989	2	23	14	0	1105
1106	0.0	0.000	0.0	0.0	0	0.0	0.0	67.9	0.0	139.6	121.8	0	95.5	0.360	96.0	100.5	1989	2	23	14	2	1106
1107	0.0	0.000	0.1	0.0	0	0.0	0.0	68.0	0.0	139.6	122.1	0	95.5	0.360	96.0	100.5	1989	2	23	14	6	1107
1108	0.0	0.000	0.0	0.0	-1	0.0	0.0	68.1	0.0	139.6	122.4	0	95.5	0.360	96.0	100.5	1989	2	23	14	10	1108
1109	0.0	0.000	0.0	0.0	0	0.0	0.0	68.2	0.0	139.6	122.0	0	95.5	0.360	96.0	100.5	1989	2	23	14	16	1109
1110	0.0	0.000	0.0	0.1	0	0.0	0.0	68.1	0.0	139.6	122.0	0	95.5	0.360	96.0	100.5	1989	2	23	14	26	1110
1111	0.0	0.000	0.0	0.1	0	0.0	0.0	68.0	0.0	139.6	122.2	0	95.5	0.360	96.0	100.5	1989	2	23	14	30	1111
1112	0.0	0.000	0.0	0.1	0	0.0	0.0	68.4	0.0	139.6	123.5	0	95.5	0.360	96.0	100.5	1989	2	23	14	33	1112
1113	0.0	0.000	0.0	0.1	0	0.0	0.0	68.3	0.0	139.6	122.2	0	95.5	0.360	96.0	100.5	1989	2	23	14	38	1113
1114	0.0	0.000	-0.2	0.1	0	0.0	0.0	67.8	0.0	139.6	77.4	0	95.5	0.360	96.0	100.5	1989	2	23	15	45	1114
1115	0.0	0.000	0.0	0.1	0	0.0	0.0	68.1	0.0	139.6	78.5	0	95.5	0.360	96.0	100.5	1989	2	23	15	50	1115
1116	0.0	0.000	0.0	0.1	0	0.0	0.0	68.0	0.0	139.6	78.1	0	95.5	0.360	96.0	100.5	1989	2	23	15	52	1116
1117	0.0	0.000	0.1	0.1	0	0.0	0.0	68.0	0.0	139.6	77.2	0	95.5	0.360	96.0	100.5	1989	2	23	15	54	1117
1118	0.0	0.000	0.0	0.1	0	0.0	0.0	68.3	0.0	139.6	76.4	0	95.5	0.360	96.0	100.5	1989	2	23	15	56	1118
1119	0.0	0.000	0.0	0.0	-1	0.0	0.0	68.4	0.0	139.6	77.8	0	95.5	0.360	96.0	100.5	1989	2	23	15	58	1119
1120	0.0	0.000	-0.1	0.1	0	0.0	0.0	68.4	0.0	139.6	78.4	0	95.5	0.360	96.0	100.5	1989	2	23	16	0	1120
1121	0.0	0.000	0.0	0.1	0	0.0	0.0	68.6	0.0	139.6	78.4	0	95.5	0.360	96.0	100.5	1989	2	23	16	4	1121
1122	0.0	0.000	0.0	0.1	0	0.0	0.0	68.4	0.0	139.6	78.3	0	95.5	0.360	96.0	100.5	1989	2	23	16	16	1122
1123	0.0	0.000	0.0	0.1	1	0.0	0.0	68.5	0.0	139.6	78.2	0	95.5	0.360	96.0	100.5	1989	2	23	16	18	1123
1124	0.0	0.000	0.0	0.0	0	0.0	0.0	68.5	0.0	139.6	77.5	0	95.5	0.360	96.0	100.5	1989	2	23	16	25	1124
1125	0.0	0.000	0.0	0.1	-1	0.0	0.0	68.8	0.0	139.6	77.6	0	95.5	0.360	96.0	100.5	1989	2	23	16	26	1125
1126	0.0	0.000	0.0	0.0	-1	0.0	0.0	68.7	0.0	139.6	78.2	0	95.5	0.360	96.0	100.5	1989	2	23	16	28	1126
1127	87.6	0.399	62.0	61.8	1418	-19.0	101.2	67.8	0.0	139.6	295.7	0	95.5	0.360	96.0	100.5	1989	2	23	16	38	1127
1128	88.5	0.403	62.3	62.0	1426	-18.7	99.7	67.6	0.0	139.6	301.7	0	95.5	0.360	96.0	100.5	1989	2	23	16	45	1128
1129	88.3	0.402	62.3	62.0	1424	-18.2	100.4	67.9	0.0	139.6	306.9	0	95.5	0.360	96.0	100.5	1989	2	23	16	48	1129
1130	88.5	0.403	62.3	62.1	1426	-17.8	99.7	67.7	0.0	139.6	312.8	0	95.5	0.360	96.0	100.5	1989	2	23	16	51	1130
1131	87.9	0.400	62.2	61.9	1420	-17.3	100.0	68.0	0.0	139.6	318.1	0	95.5	0.360	96.0	100.5	1989	2	23	16	53	1131
1132	87.9	0.400	62.2	61.9	1421	-16.7	99.6	68.0	0.0	139.6	325.3	0	95.5	0.360	96.0	100.5	1989	2	23	16	55	1132
1133	87.8	0.399	62.1	61.9	1418	-15.6	99.5	68.0	0.0	139.6	338.9	0	95.5	0.360	96.0	100.5	1989	2	23	16	58	1133
1134	87.7	0.399	62.1	61.9	1417	-14.6	99.1	68.2	0.0	139.6	349.9	0	95.5	0.360	96.0	100.5	1989	2	23	17	0	1134
1135	87.6	0.399	62.1	61.9	1416	-13.4	98.9	68.2	0.0	139.6	364.2	0	95.5	0.360	96.0	100.5	1989	2	23	17	2	1135
1136	87.1	0.396	62.0	61.7	1411	-12.4	98.7	68.2	0.0	139.6	374.7	0	95.5	0.360	96.0	100.5	1989	2	23	17	5	1136
1137	87.4	0.398	62.1	61.9	1413	-10.8	99.4	68.4	0.0	139.6	394.5	0	95.5	0.360	96.0	100.5	1989	2	23	17	8	1137
1138	87.1	0.396	62.1	61.8	1410	-8.1	99.5	67.3	0.0	139.6	425.1	0	95.5	0.360	96.0	100.5	1989	2	23	17	38	1138
1139	87.0	0.396	62.0	61.8	1408	-6.0	99.8	67.2	0.0	139.6	445.3	0	95.5	0.360	96.0	100.5	1989	2	23	17	48	1139
1140	87.1	0.396	62.1	61.8	1409	-2.5	99.3	67.1	0.0	139.6	465.9	0	95.5	0.360	96.0	100.5	1989	2	23	17	57	1140
1141	87.0	0.396	62.1	61.8	1408	-1.4	96.8	67.1	0.0	139.6	455.3	0	95.5	0.360	96.0	100.5	1989	2	23	18	10	1141
1142	87.1	0.396	62.0	61.8	1410	-9.9	98.7	66.8	0.0	139.6	403.2	0	95.5	0.360	96.0	100.5	1989	2	23	18	16	1142
1143	87.2	0.397	61.9	61.7	1413	-16.3	100.7	66.6	0.0	139.6	330.1	0	95.5	0.360	96.0	100.5	1989	2	23	18	20	1143
1144	87.0	0.396	62.0	61.8	1408	-4.0	98.7	67.0	0.0	139.6	450.5	0	95.5	0.360	96.0	100.5	1989	2	23	18	26	1144
1145	131.5	0.598	76.2	75.9	1733	-15.7	100.9	66.2	0.0	139.6	400.2	0	95.5	0.360	96.0	100.5	1989	2	23	18	35	1145
1146	131.1	0.597	76.1	75.8	1730	-14.9	100.0	66.3	0.0	139.6	407.3	0	95.5	0.360	96.0	100.5	1989	2	23	18	40	1146
1147	131.3	0.597	76.2	75.8	1732	-14.0	99.1	66.5	0.0	139.6	419.0	0	95.5	0.360	96.0	100.5	1989	2	23	18	44	1147
1148	131.3	0.597	76.2	75.9	1731	-12.7	99.9	66.4	0.0	139.6	434.2	0	95.5	0.360	96.0	100.5	1989	2	23	18	48	1148
1149	131.4	0.598	76.2	75.9	1731	-11.6	99.8	66.5	0.0	139.6	446.7	0	95.5	0.360	96.0	100.5	1989	2	23	18	56	1149
1150	131.5	0.598	76.3	75.9	1731	-9.9	99.8	66.9	0.0	139.6	465.9	0	95.5	0.360	96.0	100.5	1989	2	23	19	6	1150
1151	131.6	0.599	76.3	76.0	1731	-7.8	99.5	66.8	0.0	139.6	486.3	0	95.5	0.360	96.0	100.5	1989	2	23	19	13	1151
1152	131.5	0.598	76.3	76.0	1730	-5.7	98.6	66.8	0.0	139.6	503.7	0	95.5	0.360	96.0	100.5	1989	2	23	19	17	1152
1153	131.5	0.598	76.4	76.1	1729	-3.8	98.6	66.9	0.0	139.6	514.9	0	95.5	0.360	96.0	100.5	1989	2	23	19	39	1153
1154	131.1	0.597	76.3	76.0	1725	-1.5	98.8	66.8	0.0	139.6	517.9	0	95.5	0.360	96.0	100.5	1989	2	23	19	43	1154

SRL Single Tube Flow Instability Test # 6.0
Inconel ID = 1.120"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
RUN	PTI1		PTO1		PTO3		DPT2		FTI1		FBI1		FMO1		OTI1		TRTO1		TRTI2		
	TEST	PTI2	PTO2		DPT1		DPT3		FTI2		FXO2	FMO2		TRTI1		TJT11		TRT02			
1155	6.0	62.1	62.6	64.8	64.7	65.4	1.10	1.24	1.10	33.06	32.61	258.3	0.	32.3	32.6	32.3	121.8	121.9	121.5	121.4	95.0
1156	6.0	62.4	63.4	64.7	64.7	65.2	1.51	1.58	1.51	37.70	39.31	256.0	0.	38.9	39.1	38.8	120.5	120.5	120.2	120.4	120.5
1157	6.0	62.2	63.0	64.7	64.7	65.3	1.35	1.46	1.33	35.25	36.57	256.9	0.	36.4	36.5	36.0	120.1	120.3	119.7	119.9	120.5
1158	6.0	62.0	62.3	64.8	64.7	65.4	0.91	1.03	0.88	27.47	28.39	259.6	0.	28.2	28.6	28.2	120.5	120.5	120.3	120.4	120.5
1159	6.0	61.6	61.9	64.8	64.7	65.3	0.72	0.85	0.70	24.29	24.89	260.2	0.	24.6	25.1	24.9	121.5	121.5	121.0	121.3	121.5
1160	6.0	61.4	61.4	64.7	64.7	65.2	0.49	0.56	0.47	19.26	19.98	263.0	0.	19.7	20.2	20.0	120.4	120.4	120.1	120.2	120.5
1161	6.0	61.1	60.8	64.6	64.5	65.1	0.36	0.45	0.35	15.44	16.46	262.1	0.	15.8	16.6	16.3	121.5	121.5	121.3	121.3	121.5
1162	6.0	61.2	61.0	64.8	64.7	65.3	0.22	0.29	0.22	11.00	12.03	262.8	0.	10.9	12.1	12.1	120.0	120.0	119.6	119.9	120.0
1163	6.0	61.1	60.8	64.7	64.7	65.3	0.16	0.26	0.16	8.10	9.43	263.5	0.	8.2	9.5	9.3	121.0	120.6	120.6	120.9	120.9
1164	6.0	61.2	60.8	64.8	64.7	65.3	0.12	0.26	0.12	5.94	7.35	264.0	0.	5.7	7.4	7.4	121.7	121.5	121.4	121.4	121.5
1165	6.0	60.8	60.6	64.6	64.7	65.2	0.09	0.20	0.09	3.00	5.27	266.2	0.	0.0	5.2	5.1	121.6	121.5	121.2	121.4	121.5
1166	6.0	61.0	60.7	64.8	64.7	65.3	0.06	0.17	0.05	-1.15	2.91	265.5	0.	0.0	2.6	2.6	121.2	121.0	121.3	120.9	121.0
1167	6.0	60.9	60.6	64.7	64.7	65.2	0.04	0.14	0.01	-0.95	0.03	268.1	0.	0.0	0.0	0.2	121.1	120.5	119.9	120.9	120.5
1168	6.0	61.4	61.1	65.0	64.9	65.5	0.18	0.31	0.18	8.63	10.19	263.7	0.	8.9	10.3	10.1	122.5	122.0	122.4	122.4	122.0
1169	6.0	61.3	61.2	64.8	64.7	65.3	0.29	0.40	0.29	13.03	14.28	263.8	0.	13.5	14.5	14.2	120.5	120.5	120.2	120.4	120.5
1170	6.0	61.7	61.6	64.9	64.9	65.4	0.58	0.65	0.59	21.12	22.15	261.4	0.	21.7	22.3	22.1	122.0	122.0	121.5	121.9	122.0
1171	6.0	62.4	62.8	65.0	64.9	65.6	1.12	1.24	1.09	31.82	32.61	258.3	0.	32.3	32.7	32.4	120.1	120.0	119.9	119.9	120.0
1172	6.0	62.6	63.6	64.7	64.7	65.4	1.62	1.71	1.63	37.54	39.01	255.6	0.	38.7	38.9	38.3	76.5	76.5	76.8	76.4	76.8
1173	6.0	62.3	6																		

SRL Single Tube Flow Instability Test # 6.0

Inconel ID = 1.120

1	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	PPO1	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
	PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
1155	99.	33.2	121.0	121.1	120.4	120.6	120.9	120.7	120.4	120.9	120.9	120.9	119.7	119.3	121.0	120.9	120.1	120.6	120.9	121.5
1156	89.	23.9	119.8	120.0	119.3	119.6	119.8	119.5	119.2	120.3	119.4	119.7	118.4	118.0	120.0	119.6	118.9	119.8	119.5	120.3
1157	93.	27.9	119.8	120.1	120.0	119.7	120.3	119.6	119.9	120.6	119.5	119.7	119.0	119.0	120.7	119.8	119.5	120.1	119.6	120.4
1158	104.	37.9	119.5	119.8	119.2	119.4	119.7	119.3	119.0	119.9	119.4	119.5	118.1	117.9	119.7	119.7	118.5	119.4	119.5	120.0
1159	108.	41.5	120.9	121.0	120.3	120.3	120.8	120.5	120.3	121.1	120.7	120.9	119.8	119.6	121.0	120.9	120.0	120.5	120.9	121.2
1160	112.	45.9	119.6	119.9	119.1	119.3	119.6	119.3	119.1	119.8	119.5	119.5	118.5	118.2	119.5	119.4	118.8	119.2	119.5	120.1
1161	116.	48.7	120.9	120.9	120.1	120.1	120.6	119.9	119.9	120.9	120.3	120.8	119.3	119.2	120.9	120.6	119.5	120.1	120.5	120.9
1162	119.	51.5	119.5	119.4	119.1	119.0	119.6	119.3	119.3	119.6	119.3	119.4	118.5	118.4	119.5	119.5	118.8	119.2	119.5	119.7
1163	120.	52.5	119.8	120.3	119.5	119.8	120.0	119.7	119.3	120.8	119.6	119.8	118.9	118.7	120.6	119.8	119.3	119.8	119.6	120.3
1164	121.	53.2	120.9	120.9	120.3	120.3	120.8	120.3	120.3	121.0	120.6	120.9	119.5	119.1	120.9	120.9	119.6	120.4	120.8	121.3
1165	121.	53.8	120.9	121.0	120.9	120.7	121.2	121.0	120.8	121.7	121.0	121.0	120.1	120.0	121.3	121.0	120.8	121.3	121.0	121.6
1166	122.	54.5	120.5	120.5	120.0	120.1	120.2	120.1	120.1	120.8	120.0	120.6	119.4	119.3	120.8	120.6	119.6	120.1	120.4	120.7
1167	122.	54.7	119.5	119.9	120.0	120.0	120.3	119.7	119.8	120.9	119.5	120.2	119.3	118.6	120.8	120.3	119.5	120.0	120.2	120.5
1168	120.	52.6	120.6	120.9	120.0	120.3	120.5	119.7	119.8	120.8	119.8	120.6	119.0	118.8	120.9	120.3	119.4	119.9	119.8	120.7
1169	117.	50.1	119.6	119.9	119.5	119.7	119.9	119.5	119.4	120.4	119.5	119.5	119.0	118.9	120.2	119.7	119.5	119.7	119.6	120.3
1170	111.	44.7	120.9	121.0	120.4	120.8	120.8	120.8	120.3	121.1	120.8	120.9	119.7	119.4	120.9	120.9	120.0	120.6	120.9	121.5
1171	99.	33.7	119.5	119.5	118.9	119.1	119.5	119.2	119.0	119.8	119.3	119.5	118.0	117.7	119.5	119.5	118.5	118.9	119.5	119.9
1172	90.	24.7	76.0	76.1	76.8	75.9	76.2	77.0	76.6	77.0	76.1	76.2	76.8	76.8	76.1	76.1	76.5	76.8	77.6	76.2
1173	96.	30.6	77.7	77.6	78.6	77.8	78.2	78.9	78.2	79.0	78.0	77.8	78.6	78.7	78.4	77.9	78.7	78.8	79.1	78.0
1174	104.	38.4	76.1	75.7	76.1	75.3	76.0	76.1	75.9	76.2	76.0	75.9	75.9	76.0	76.1	76.0	76.0	76.7	76.5	75.9
1175	110.	43.8	77.0	76.7	77.2	76.7	77.0	77.6	77.0	77.7	77.0	77.1	77.0	77.1	77.5	77.3	77.1	77.8	77.7	77.0
1176	115.	47.9	76.0	76.0	76.3	75.4	76.0	76.4	76.2	76.5	76.0	76.1	76.4	76.6	76.1	76.0	76.3	76.8	77.0	75.8
1177	119.	51.3	76.1	76.1	76.3	75.6	76.2	76.4	76.1	76.5	76.0	76.1	76.1	76.3	76.1	76.0	76.1	76.8	77.1	76.1
1178	120.	52.8	77.4	77.5	77.1	76.6	77.3	77.5	77.2	77.9	77.3	77.5	77.0	77.1	77.5	77.5	76.8	77.7	77.8	77.2
1179	122.	53.6	77.5	77.5	77.8	77.0	77.5	77.6	77.5	78.0	77.5	77.5	77.4	77.9	77.6	77.6	77.4	77.9	78.2	77.5
1180	122.	54.2	77.5	77.3	77.6	77.0	77.5	77.9	77.6	78.0	77.4	77.6	77.5	77.8	77.6	77.5	77.4	78.0	78.1	77.5
1181	118.	50.0	77.2	77.1	77.3	76.6	77.1	77.7	77.3	77.8	77.0	77.3	77.4	77.4	77.6	77.4	77.4	77.9	77.8	77.2
1182	112.	45.9	76.1	76.1	76.2	75.7	76.1	76.4	76.3	76.5	76.0	76.2	75.9	76.2	76.1	76.1	76.1	76.8	77.0	76.3
1183	107.	40.6	77.3	77.2	77.5	76.8	77.1	77.5	77.3	77.9	77.4	77.4	77.2	77.1	77.5	77.5	77.3	78.0	77.7	77.3
1184	100.	34.7	76.1	76.0	75.6	75.4	75.8	75.9	75.7	76.1	75.7	76.0	75.4	75.4	76.1	75.9	75.4	76.2	76.3	76.0
1185	100.	33.6	75.8	75.6	75.8	75.0	75.6	76.2	75.8	76.2	75.8	75.6	75.6	74.0	75.8	75.4	75.7	76.1	76.3	75.7
1186	90.	23.8	75.7	76.1	75.7	75.4	75.9	75.9	75.7	76.4	76.3	75.9	75.3	71.9	76.4	75.9	75.5	76.5	76.4	76.1
1187	90.	23.9	320.2	314.0	328.1	340.9	342.8	340.2	346.8	346.6	350.1	350.4	337.9	335.2	355.9	355.0	350.2	344.3	355.8	352.5
1188	96.	29.4	330.4	325.3	340.4	353.5	356.5	353.8	360.4	360.7	364.2	364.8	352.4	349.1	371.2	370.2	364.8	358.8	371.3	367.4
1189	101.	34.3	340.0	332.2	349.5	363.7	366.2	363.1	371.7	371.6	375.5	377.0	362.0	358.4	383.5	382.3	375.4	370.6	382.0	379.9
1190	107.	40.0	353.3	348.9	368.0	380.2	386.8	383.1	393.5	391.8	394.9	396.5	380.2	379.7	400.3	403.3	396.8	387.6	391.8	394.5
1191	111.	44.3	363.7	358.3	381.1	390.1	400.5	395.5	406.5	403.3	406.2	410.7	388.8	388.9	409.9	417.5	408.8	397.7	401.5	404.8
1192	116.	47.8	383.3	376.6	407.2	410.2	419.7	418.3	426.1	423.4	427.2	429.3	416.1	411.4	431.4	434.1	432.5	421.0	427.3	427.7
1193	119.	50.6	388.1	379.5	416.8	418.9	429.3	427.1	434.8	434.8	436.0	440.7	423.8	417.5	438.7	442.7	437.6	428.7	432.3	435.4
1194	118.	50.7	392.9	383.7	419.9	422.5	432.2	429.9	436.6	436.9	437.1	441.5	428.1	420.6	439.8	443.5	438.5	429.8	432.4	435.8
1195	119.	50.7	396.7	388.0	423.5	426.4	435.1	433.1	438.3	438.8	438.1	442.7	431.7	424.5	441.1	444.5	438.9	430.9	432.9	436.5
1196	119.	51.0	397.5	388.8	423.7	427.4	435.9	433.2	438.5	439.5	438.0	443.2	432.1	423.9	440.9	444.5	438.4	430.8	432.8	436.6
1197	117.	49.1	393.8	386.7	417.3	419.7	428.0	426.2	433.5	433.3	434.6	438.6	429.3	423.3	438.8	441.8	436.9	428.4	431.9	435.0
1198	118.	49.7	397.3	390.0	418.7	421.4	429.4	427.4	434.1	434.6	435.5	439.4	429.5	422.5	439.8	443.0	436.6	428.8	431.5	435.4
1199	116.	48.3	394.3	388.6	413.7	417.2	424.1	422.4	429.1	428.3	430.7	433.6	424.7	418.7	436.5	438.0	433.0	425.0	429.3	431.9
1200	114.	46.3	380.7	373.6	400.8	407.5	413.8	413.4	419.9	418.6	420.2	422.7	414.3	409.3	426.3	428.0	423.9	414.8	420.8	421.4
1201	90.	24.1	426.9	420.1	436.5	451.8	454.6	452.5	461.2	461.3	464.5	465.3	447.4	444.1	472.2	472.5	462.8	454.9	466.3	464.5
1202	95.	29.5	436.4	428.8	445.1	461.7	464.9	461.6	469.7	467.9	471.0	472.7	455.0	450.9	478.0	479.8	470.0	460.6	469.9	470.0
1203	100.	34.1	446.9	439.0	455.9	468.1	471.9	469.9	475.7	473.9	476.2	479.5	460.7	456.9	482.5	485.2	474.9	465.8	474.7	475.6
1204	105.	38.4	453.6	447.1	463.6	473.0	476.3	473.5	478.0	477.4	479.3	482.9	464.7	458.7	486.3	488.5	477.9	468.8	478.4	480.0

SRL Single Tube Flow Instability Test # 6.0

Inconel ID = 1.120"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VLTB	CURRT	HRATIO	DPSTD1	TKW01N	VL	HL	YEAR	DAY	MIN											
	HFLX	VLTT	QUALITY	DPP1	TKW07S	DPSTD3	ID	DPL	MONTH	HRS	RUN											
1155	0.0	0.000	0.1	0.1	0	0.0	0.0	66.2	0.0	123.2	123.7	0.0	95.5	1.120	96.0	100.5	1989	3	2	13	26	1155
1156	0.0	0.000	0.1	0.1	1	0.0	0.0	65.5	0.0	122.3	122.4	0.0	95.5	1.120	96.0	100.5	1989	3	2	13	47	1156
1157	0.0	0.000	0.1	0.1	2	0.0	0.0	65.9	0.0	122.0	121.9	0.0	95.5	1.120	96.0	100.5	1989	3	2	13	49	1157
1158	0.0	0.000	0.1	0.1	1	0.0	0.0	66.4	0.0	122.2	122.0	0.0	95.5	1.120	96.0	100.5	1989	3	2	13	56	1158
1159	0.0	0.000	0.1	0.1	1	0.0	0.0	66.7	0.0	123.1	123.2	0.0	95.5	1.120	96.0	100.5	1989	3	2	14	0	1159
1160	0.0	0.000	0.1	0.1	1	0.0	0.0	66.7	0.0	121.6	122.0	0.0	95.5	1.120	96.0	100.5	1989	3	2	14	6	1160
1161	0.0	0.000	0.1	0.1	1	0.0	0.0	67.2	0.0	122.8	122.9	0.0	95.5	1.120	96.0	100.5	1989	3	2	14	8	1161
1162	0.0	0.000	0.0	0.1	2	0.0	0.0	67.7	0.0	121.4	121.7	0.0	95.5	1.120	96.0	100.5	1989	3	2	14	10	1162
1163	0.0	0.000	0.1	0.1	1	0.0	0.0	67.8	0.0	122.5	122.5	0.0	95.5	1.120	96.0	100.5	1989	3	2	14	12	1163
1164	0.0	0.000	0.1	0.1	2	0.0	0.0	67.9	0.0	123.3	123.0	0.0	95.5	1.120	96.0	100.5	1989	3	2	14	14	1164
1165	0.0	0.000	0.1	0.1	2	0.0	0.0	67.9	0.0	123.6	123.4	0.0	95.5	1.120	96.0	100.5	1989	3	2	14	17	1165
1166	0.0	0.000	0.1	0.2	2	0.0	0.0	68.3	0.0	122.8	122.9	0.0	95.5	1.120	96.0	100.5	1989	3	2	14	19	1166
1167	0.0	0.000	0.1	0.1	1	0.0	0.0	68.1	0.0	122.3	122.0	0.0	95.5	1.120	96.0	100.5	1989	3	2	14	22	1167
1168	0.0	0.000	0.1	0.1	2	0.0	0.0	67.6	0.0	123.5	123.7	0.0	95.5	1.120	96.0	100.5	1989	3	2	14	25	1168
1169	0.0	0.000	0.1	0.1	1	0.0	0.0	67.1	0.0	122.3	122.2	0.0	95.5	1.120	96.0	100.5	1989	3	2	14	27	1169
1170	0.0	0.000	0.1	0.2	1	0.0	0.0	66.5	0.0	123.4	123.4	0.0	95.5	1.120	96.0	100.5	1989	3	2	14	30	1170
1171	0.0	0.000	0.0	0.1	1	0.0	0.0	65.6	0.0	121.9	121.7	0.0	95.5	1.120	96.0	100.5	1989	3	2	14	39	1171
1172	0.0	0.000	0.1	0.1	2	0.0	0.0	65.4	0.0	77.8	78.0	0.0	95.5	1.120	96.0	100.5	1989	3	2	14	54	1172
1173	0.0	0.000	0.0	0.1	2	0.0	0.0	65.8	0.0	79.1	79.3	0.0	95.5	1.120	96.0	100.5	1989	3	2	14	57	1173
1174	0.0	0.000	0.1	0.1	1	0.0	0.0	66.4	0.0	77.8	78.0	0.0	95.5	1.120	96.0	100.5	1989	3	2	15	2	1174
1175	0.0	0.000	0.0	0.1	0	0.0	0.0	66.9	0.0	78.6	79.0	0.0	95.5	1.120	96.0	100.5	1989	3	2	15	4	1175
1176	0.0	0.000	0.1	0.1	2	0.0	0.0	67.3	0.0	77.8	78.1	0.0	95.5	1.120	96.0	100.5	1989	3	2	15	6	1176
1177	0.0	0.000	0.0	0.1	1	0.0	0.0	67.7	0.0	77.6	78.2	0.0	95.5	1.120	96.0	100.5	1989	3	2	15	8	1177
1178	0.0	0.000	0.1	0.1	1	0.0	0.0	68.0	0.0	80.0	79.6	0.0	95.5	1.120	96.0	100.5	1989	3	2	15	10	1178
1179	0.0	0.000	0.1	0.1	1	0.0	0.0	68.2	0.0	79.1	79.6	0.0	95.5	1.120	96.0	100.5	1989	3	2	15	12	1179
1180	0.0	0.000	0.0	0.1	2	0.0	0.0	68.3	0.0	79.3	79.2	0.0	95.5	1.120	96.0	100.5	1989	3	2	15	16	1180
1181	0.0	0.000	0.1	0.1	1	0.0	0.0	67.4	0.0	78.7	78.8	0.0	95.5	1.120	96.0	100.5	1989	3	2	15	21	1181
1182	0.0	0.000	0.1	0.1	1	0.0	0.0	66.8	0.0	78.1	78.6	0.0	95.5	1.120	96.0	100.5	1989	3	2	15	24	1182
1183	0.0	0.000	0.1	0.1	1	0.0	0.0	66.3	0.0	78.6	78.7	0.0	95.5	1.120	96.0	100.5	1989	3	2	15	26	1183
1184	0.0	0.000	0.1	0.1	1	0.0	0.0	65.7	0.0	77.9	78.4	0.0	95.5	1.120	96.0	100.5	1989	3	2	15	31	1184
1185	0.0	0.000	-0.1	0.0	-6	0.0	0.0	66.9	0.0	76.9	76.5	0.0	95.5	1.120	96.0	100.5	1989	3	3	10	4	1185
1186	0.0	0.000	0.0	0.0	-5	0.0	0.0	66.0	0.0	77.2	77.1	0.0	95.5	1.120	96.0	100.5	1989	3	3	13	3	1186
1187	272.3	0.398	68.2	67.9	4013	-19.2	102.5	66.0	0.0	363.0	373.2	0.0	95.5	1.120	96.0	100.5	1989	3	3	13	32	1187
1188	274.1	0.401	68.4	68.1	4027	-18.6	101.7	66.4	0.0	375.7	389.1	0.0	95.5	1.120	96.0	100.5	1989	3	3	13	41	1188
1189	273.3	0.400	68.3	68.0	4017	-17.8	101.8	66.6	0.0	389.2	403.0	0.0	95.5	1.120	96.0	100.5	1989	3	3	13	44	1189
1190	273.1	0.399	68.3	68.0	4016	-16.4	101.2	66.8	0.0	400.7	418.9	0.0	95.5	1.120	96.0	100.5	1989	3	3	13	50	1190
1191	272.6	0.399	68.3	68.0	4008	-14.9	100.6	67.2	0.0	410.3	434.8	0.0	95.5	1.120	96.0	100.5	1989	3	3	13	53	1191
1192	274.9	0.402	68.7	68.3	4024	-12.1	99.8	67.4	0.0	432.7	448.8	0.0	95.5	1.120	96.0	100.5	1989	3	3	14	10	1192
1193	273.9	0.401	68.6	68.2	4017	-7.8	100.1	68.0	0.0	443.4	455.9	0.0	95.5	1.120	96.0	100.5	1989	3	3	14	12	1193
1194	274.2	0.401	68.5	68.2	4019	-6.7	99.7	67.9	0.0	443.6	456.2	0.0	95.5	1.120	96.0	100.5	1989	3	3	14	15	1194
1195	274.8	0.402	68.7	68.3	4023	-5.7	99.7	68.1	0.0	444.7	457.1	0.0	95.5	1.120	96.0	100.5	1989	3	3	14	20	1195
1196	275.3	0.403	68.6	68.4	4025	-4.9	100.2	68.2	0.0	445.3	457.7	0.0	95.5	1.120	96.0	100.5	1989	3	3	14	22	1196
1197	276.3	0.404	68.8	68.5	4034	-9.6	100.2	67.8	0.0	443.0	457.1	0.0	95.5	1.120	96.0	100.5	1989	3	3	14	29	1197
1198	274.2	0.401	68.6	68.3	4016	-8.7	99.9	67.9	0.0	444.1	456.4	0.0	95.5	1.120	96.0	100.5	1989	3	3	14	37	1198
1199	273.7	0.400	68.5	68.2	4015	-10.8	100.5	67.6	0.0	439.4	451.8	0.0	95.5	1.120	96.0	100.5	1989	3	3	14	42	1199
1200	273.3	0.400	68.4	68.1	4015	-13.4	100.1	67.4	0.0	427.0	441.7	0.0	95.5	1.120	96.0	100.5	1989	3	3	14	47	1200
1201	411.1	0.601	84.0	83.6	4919	-16.6	102.2	65.9	0.0	475.4	492.4	0.0	95.5	1.120	96.0	100.5	1989	3	3	14	53	1201
1202	407.0	0.595	83.6	83.2	4892	-15.6	101.8	66.2	0.0	480.6	496.6	0.0	95.5	1.120	96.0	100.5	1989	3	3	14	56	1202
1203	408.6	0.598	83.7	83.5	4894	-14.6	101.2	66.4	0.0	486.0	503.0	0.0	95.5	1.120	96.0	100.5	1989	3	3	14	58	1203
1204	408.2	0.597	83.7	83.4	4897	-13.2	100.6	66.6	0.0	492.8	508.9	0.0	95.5	1.120	96.0	100.5	1989	3	3	15	0	1204

SRL Single Tube Flow Instability Test # 6.0
Inconel ID = 1.120"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FBI1	FMO1	OTI1	TRTO1	TRTI2											
TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRTI1	TJTI1	TRT02											
1205	6.0	61.5	61.9	64.7	64.8	65.5	0.71	0.79	0.69	24.41	23.46	261.3	0.	25.1	24.4	23.6	77.1	197.6	75.5	76.9	197.4
1206	6.0	61.5	61.8	64.6	64.8	65.6	0.65	0.70	0.67	21.57	20.83	261.4	0.	23.5	21.9	20.7	77.0	213.0	75.7	76.5	212.6
1207	6.0	61.3	61.6	64.6	64.7	65.4	0.64	0.67	0.64	20.73	19.54	260.6	0.	21.9	20.5	19.6	77.5	222.5	76.8	77.4	222.1
1208	6.0	61.6	61.8	64.7	64.8	65.6	0.65	0.65	0.66	19.92	18.47	261.5	0.	20.4	19.5	18.5	77.6	230.1	76.4	77.5	230.1
1209	6.0	61.7	61.9	64.8	64.9	65.6	0.64	0.54	0.67	19.18	17.83	260.8	0.	19.3	18.8	17.7	77.6	235.1	76.1	77.5	235.1
1210	6.0	61.5	61.6	64.6	64.7	65.5	0.70	0.72	0.67	19.98	17.84	261.6	0.	20.2	18.9	18.0	77.6	235.3	77.2	77.5	235.1
1211	6.0	61.6	61.8	64.7	64.7	65.6	0.73	0.95	0.70	19.57	16.97	261.8	0.	19.9	18.1	16.9	77.1	241.8	75.2	76.9	241.6
1212	6.0	61.5	61.7	64.5	64.7	65.4	0.67	0.74	0.68	23.24	22.05	260.0	0.	24.0	22.9	22.2	76.7	203.6	75.7	76.5	203.5
1213	6.0	61.8	62.2	64.9	64.8	65.8	0.73	0.79	0.73	25.62	25.10	258.2	0.	26.9	26.0	25.0	77.6	191.2	77.4	77.5	191.1
1214	6.0	62.9	63.9	64.9	64.8	65.6	1.62	1.75	1.61	39.18	39.08	256.6	0.	38.6	38.7	38.4	76.6	76.6	75.7	76.5	76.9
1215	6.0	61.9	61.5	64.7	64.7	65.3	0.50	0.62	0.49	20.11	19.68	262.0	0.	19.4	19.8	19.6	76.2	76.2	75.8	76.1	76.2
1216	6.0	62.2	63.3	64.7	64.7	65.3	1.29	1.44	1.29	39.39	39.43	256.1	0.	39.4	39.4	38.8	120.3	169.7	119.5	120.1	169.5
1217	6.0	62.1	62.8	64.8	64.8	65.4	1.06	1.24	1.11	35.44	35.35	257.2	0.	35.6	35.5	35.1	121.6	176.1	121.0	121.4	176.1
1218	6.0	61.8	62.5	64.6	64.7	65.3	0.88	1.02	0.87	31.55	31.34	259.8	0.	31.6	31.8	31.0	121.5	182.7	120.5	121.2	182.6
1219	6.0	61.7	62.2	64.5	64.7	65.2	0.88	1.08	0.88	31.59	31.39	258.4	0.	31.6	31.8	31.1	121.8	183.0	120.6	121.4	182.5
1220	6.0	61.9	62.2	64.9	64.8	65.5	0.73	0.81	0.73	27.69	27.41	258.8	0.	27.7	27.9	27.3	120.5	189.7	119.7	120.4	189.5
1221	6.0	61.6	61.9	64.8	64.7	65.5	0.63	0.75	0.63	24.24	23.88	260.3	0.	24.1	24.5	23.8	121.0	200.1	119.7	120.5	199.9
1222	6.0	61.6	61.6	64.7	64.7	65.5	0.55	0.71	0.55	20.94	20.35	261.7	0.	21.0	21.1	20.3	121.2	213.6	120.2	121.0	213.2
1223	6.0	61.8	61.7	65.0	64.9	65.7	0.52	0.72	0.51	18.01	17.82	261.9	0.	17.9	18.5	17.8	121.2	226.6	121.2	121.0	226.6
1224	6.0	61.8	61.7	64.9	64.9	65.6	0.51	0.63	0.50	16.40	15.93	262.6	0.	16.3	16.7	15.9	121.2	239.4	119.9	121.0	239.3
1225	6.0	61.6	61.6	64.8	64.8	65.4	0.49	0.69	0.50	15.85	15.49	262.9	0.	15.5	16.2	15.4	121.2	242.6	119.7	121.0	242.6
1226	6.0	61.6	61.5	64.8	64.7	65.4	0.54	0.67	0.53	14.84	14.57	262.5	0.	14.9	15.3	14.5	121.1	250.1	119.4	121.0	250.1
1227	6.0	61.8	61.9	65.1	64.9	65.7	0.56	0.74	0.55	14.94	14.14	264.0	0.	14.2	15.0	13.9	121.0	252.6	120.2	120.5	252.8
1228	6.0	62.1	62.2	65.3	65.2	65.9	0.60	0.75	0.60	14.22	14.02	263.9	0.	14.2	14.9	13.9	121.2	255.1	120.4	121.0	255.1
1229	6.0	62.4	62.3	65.4	65.5	66.0	0.72	0.91	0.73	13.73	13.53	262.9	0.	13.4	14.4	13.4	121.5	259.4	120.7	121.1	259.5
1230	6.0	61.6	61.6	64.8	64.7	65.6	0.50	0.64	0.51	17.22	16.81	261.7	0.	16.9	17.5	16.6	120.9	232.4	120.0	120.5	232.1
1231	6.0	61.7	61.8	64.7	64.7	65.7	0.54	0.69	0.55	19.33	19.06	261.1	0.	19.5	19.8	19.0	120.6	220.6	119.7	120.5	220.6
1232	6.0	62.6	63.6	64.9	64.9	66.0	1.32	1.50	1.31	39.33	39.18	256.3	0.	39.6	39.5	38.6	121.1	195.1	119.8	120.5	195.1
1233	6.0	62.3	63.1	64.7	64.7	65.6	1.20	1.33	1.15	36.45	36.19	257.2	0.	36.9	36.7	35.6	121.1	200.6	120.2	121.0	200.4
1234	6.0	62.4	63.0	65.0	64.9	65.8	1.08	1.20	1.09	33.16	32.86	257.0	0.	33.5	33.6	32.6	120.6	207.6	120.2	120.5	207.5
1235	6.0	62.1	62.6	64.8	64.7	65.6	0.99	1.20	1.00	30.14	29.32	258.3	0.	30.1	30.2	29.2	121.7	219.1	120.7	121.5	219.1
1236	6.0	62.0	62.3	64.7	64.7	65.5	0.93	1.05	0.93	26.65	26.35	259.6	0.	27.8	27.4	26.2	121.3	229.4	119.9	121.0	229.1
1237	6.0	62.3	62.5	65.2	64.7	65.7	0.89	1.00	0.91	24.57	23.53	259.7	0.	25.4	24.8	23.6	121.5	241.2	120.6	121.1	241.2
1238	6.0	62.1	62.2	64.6	64.7	65.5	0.92	1.08	0.92	23.68	22.86	259.2	0.	25.2	24.0	22.8	121.6	245.1	120.1	121.5	245.1
1239	6.0	62.6	62.5	65.2	65.2	66.1	0.98	1.20	1.00	24.11	22.36	261.2	0.	25.6	23.6	22.3	121.1	248.6	120.3	121.0	248.6
1240	6.0	61.9	62.1	64.7	64.7	65.6	0.92	1.03	0.91	24.72	23.98	260.4	0.	25.9	25.1	23.9	121.5	240.5	120.6	121.4	240.0
1241	6.0	62.2	62.7	65.0	64.7	65.8	0.96	1.15	0.97	28.80	27.98	258.9	0.	29.0	29.0	27.7	121.1	224.0	120.2	120.9	223.7
1242	6.0	62.1	62.4	64.8	64.7	65.6	0.92	1.10	0.92	25.54	25.14	259.6	0.	26.4	26.2	25.2	120.8	234.4	119.7	120.5	234.4
1243	6.0	62.4	63.8	64.8	64.9	65.0	1.61	1.64	1.61	38.98	39.04	255.1	0.	38.6	38.7	38.3	76.2	76.5	75.3	75.9	76.5
1244	6.0	61.7	63.2	64.7	64.7	64.7	1.16	1.20	1.18	39.52	39.00	255.6	0.	39.1	39.1	38.4	76.7	151.1	76.0	76.4	151.0
1245	6.0	62.2	63.6	64.9	64.7	64.8	1.32	1.34	1.33	39.40	38.93	255.3	0.	40.2	39.4	38.1	76.7	175.5	75.0	76.4	175.4
1246	6.0	61.7	63.0	64.6	64.7	64.6	1.21	1.23	1.24	36.25	35.42	256.7	0.	36.2	36.0	35.0	77.5	186.0	75.5	77.4	186.0
1247	6.0	62.0	62.3	64.9	64.7	64.7	1.11	1.12	1.14	33.34	32.36	257.1	0.	33.1	33.1	32.2	76.9	194.1	74.1	76.6	194.0
1248	6.0	61.4	62.5	64.7	64.7	64.6	1.03	1.06	1.04	29.93	28.87	258.2	0.	29.8	29.8	28.6	77.5	208.0	76.3	77.4	207.7
1249	6.0	61.7	62.2	64.8	64.7	65.0	0.99	0.99	0.98	25.93	25.28	259.3	0.	27.5	26.6	25.2	76.5	224.5	73.8	76.4	224.2
1250	6.0	61.6	62.1	64.4	64.7	64.6	0.98	1.12	1.09	24.93	24.05	257.6	0.	26.7	25.6	23.9	77.5	235.6	75.6	77.4	235.5
1251	6.0	61.5	62.6	64.9	64.8	64.9	1.00	1.01	1.01	27.49	26.90	258.4	0.	28.2	28.0	26.8	76.9	217.4	76.5	76.9	217.0
1252	6.0	61.7	62.4	64.3	64.5	64.8	0.99	1.02	1.01	27.35	25.85	258.1	0.	27.5	27.0	25.6	77.5	224.0	76.3	77.4	224.0
1253	6.0	61.7	61.9	64.5	64.7	65.0	0.99	0.99	1.00	26.86	25.23	259.6	0.	26.8	26.7	25.2	76.9	226.1	75.3	76.6	226.1
1254	6.0	61.9	62.7	64.8	64.7	65.1	0.97	1.00	0.99	26.94	24.68	259.4	0.	26.6	26.1	24.6	76.5	228.5	75.1	76.4	228.5

SRL Single Tube Flow Instability Test # 6.0

Inconel

ID = 1.120

1	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	PPO1	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
	PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
1205	109.	42.4	460.3	454.8	471.0	480.1	482.2	479.4	483.4	484.0	485.6	489.2	471.4	465.2	492.5	494.3	483.4	476.2	483.2	486.3
1206	112.	44.8	466.2	459.4	478.0	487.0	489.1	485.8	490.0	491.6	491.5	496.0	477.6	471.8	497.3	500.1	489.2	481.1	487.2	490.9
1207	113.	45.8	467.8	460.3	480.5	489.0	491.1	488.4	491.7	493.0	493.1	497.8	480.0	473.1	498.2	502.0	491.0	482.7	488.5	491.4
1208	114.	46.5	468.4	460.6	480.6	490.3	492.1	488.8	491.2	493.0	492.7	497.2	480.2	473.6	497.7	501.5	490.6	482.3	487.5	491.0
1209	114.	46.9	469.5	461.4	482.1	490.6	492.7	489.1	491.6	493.5	492.6	497.3	480.6	472.2	497.9	501.1	490.7	482.4	487.4	490.5
1210	114.	46.8	469.8	461.7	482.1	491.8	493.2	489.4	492.3	494.0	493.2	497.7	480.8	469.9	498.1	501.6	490.6	482.9	488.0	490.8
1211	115.	47.4	468.8	460.6	482.2	491.4	493.2	489.4	492.2	493.6	492.4	496.9	480.9	474.6	497.9	501.0	490.7	482.2	487.2	490.6
1212	111.	43.6	462.1	456.1	473.6	483.5	484.5	482.4	486.8	488.1	489.1	493.0	479.0	472.3	495.6	498.4	489.8	480.5	486.1	488.4
1213	108.	41.4	461.1	456.0	471.2	481.4	482.1	480.1	484.7	485.3	486.8	489.8	476.2	470.5	494.0	496.0	488.7	479.6	486.4	487.6
1214	90.	24.1	75.4	75.2	75.8	75.0	75.7	76.4	75.7	76.3	75.4	75.3	74.9	70.9	75.9	75.1	75.1	76.1	76.3	75.7
1215	113.	45.9	75.1	74.8	74.9	74.5	74.9	75.3	74.6	75.2	74.9	75.0	73.7	70.5	75.1	74.9	74.0	75.0	75.2	74.9
1216	89.	24.3	341.7	339.2	353.9	366.9	369.7	366.5	375.0	375.7	379.9	380.9	363.7	359.8	386.6	385.9	377.1	373.3	385.5	385.0
1217	94.	29.7	350.1	347.8	364.0	376.3	380.3	377.2	386.8	387.4	392.2	393.4	375.9	371.8	399.1	398.2	389.7	385.2	398.2	397.5
1218	99.	34.7	360.6	356.5	377.6	388.8	394.2	392.2	402.3	402.3	407.5	408.3	393.1	387.9	414.4	413.6	407.4	401.3	412.4	411.9
1219	99.	34.4	359.8	356.1	377.3	389.8	394.7	393.3	402.7	402.5	407.2	407.4	396.3	402.4	414.7	413.3	409.7	401.5	412.5	410.6
1220	105.	39.1	368.3	363.8	386.2	399.0	405.3	402.5	413.2	413.2	418.1	419.3	402.3	408.9	423.7	425.5	416.7	410.4	418.0	420.2
1221	108.	42.6	378.9	373.1	399.0	411.3	417.8	415.4	422.2	422.4	424.3	427.1	411.2	417.2	428.4	430.8	422.5	416.6	421.8	424.4
1222	112.	45.8	389.2	383.5	412.0	419.9	422.9	420.4	425.6	426.9	427.9	431.0	416.5	421.2	433.6	434.8	427.3	422.0	427.4	430.2
1223	114.	48.0	392.7	387.1	416.5	424.2	427.3	423.5	429.1	431.3	432.8	436.1	420.1	424.2	437.5	439.3	430.3	425.6	430.5	434.5
1224	115.	49.2	396.9	391.4	419.9	427.4	430.7	427.1	431.9	434.2	434.8	438.6	423.6	427.4	439.0	441.4	432.5	427.9	430.9	435.9
1225	115.	49.0	398.8	393.5	421.1	428.2	431.4	428.2	432.6	435.4	435.1	438.9	424.7	428.3	439.2	441.8	433.1	428.3	431.3	435.9
1226	116.	49.5	404.6	400.2	422.6	430.7	433.2	429.7	433.6	435.9	435.3	439.4	425.2	428.9	439.3	442.1	433.3	428.5	431.4	436.2
1227	116.	49.4	407.3	403.0	423.4	431.0	434.0	430.9	434.1	436.8	435.8	440.0	426.4	429.6	439.3	442.4	433.9	428.7	431.4	436.0
1228	116.	49.6	407.9	403.3	423.8	432.1	434.8	431.2	434.4	437.2	436.4	440.4	426.6	429.9	439.9	442.4	434.3	428.8	431.8	436.6
1229	117.	50.0	407.9	403.5	424.4	432.6	435.5	431.8	434.7	437.5	436.9	440.8	426.9	430.2	440.3	442.8	434.6	429.3	431.9	437.1
1230	115.	48.6	395.4	389.8	417.9	425.3	428.0	425.0	430.9	432.9	433.9	437.5	424.2	428.2	438.6	441.1	433.3	428.0	431.1	435.5
1231	113.	47.1	394.4	388.2	416.4	423.2	426.4	424.2	429.2	430.5	432.4	435.8	423.1	427.3	437.9	440.1	433.0	427.2	431.6	434.7
1232	88.	25.1	443.7	438.3	461.4	475.4	477.9	476.1	481.0	480.3	482.2	485.2	467.5	475.1	488.6	490.2	480.7	472.7	480.7	482.1
1233	93.	28.9	450.8	443.8	467.5	479.0	480.3	479.0	482.0	481.8	482.7	485.3	470.3	477.3	488.7	490.7	482.9	474.3	481.8	482.6
1234	98.	33.4	458.2	452.7	473.2	484.1	482.9	481.1	483.7	484.5	485.7	488.2	472.6	479.5	491.6	493.2	485.0	477.2	484.5	485.6
1235	102.	37.5	465.9	461.1	477.4	488.1	486.4	484.2	487.6	488.7	489.8	493.1	477.4	484.0	495.2	497.7	489.1	480.9	486.8	489.4
1236	105.	40.4	468.7	464.2	479.5	491.0	489.3	486.8	489.8	491.2	491.4	495.4	478.9	485.3	496.0	499.3	490.0	481.4	487.5	490.3
1237	109.	43.5	470.7	465.4	481.3	492.1	492.0	488.6	490.9	493.4	491.8	496.4	480.3	486.3	496.5	499.9	490.8	482.5	487.4	490.3
1238	110.	43.8	471.6	466.5	482.8	493.1	493.7	489.7	492.0	493.8	492.4	497.0	480.9	487.6	496.8	500.1	491.5	483.1	487.5	490.3
1239	110.	44.6	474.5	468.7	484.6	495.5	495.4	491.5	493.7	496.2	494.6	499.2	482.0	488.4	498.8	502.7	492.3	484.6	489.3	493.1
1240	108.	42.7	472.1	468.4	483.1	493.1	494.0	490.3	493.3	495.2	494.2	498.5	482.6	488.6	498.4	502.3	492.8	484.2	489.1	492.0
1241	104.	39.1	467.9	464.5	477.8	489.2	489.2	486.5	490.5	492.5	492.7	496.4	480.9	487.5	498.3	501.1	492.3	483.7	489.2	492.3
1242	107.	41.7	470.3	466.4	481.1	492.0	492.3	489.5	492.6	494.5	493.9	498.1	482.2	488.5	498.3	502.2	492.9	484.4	489.3	492.5
1243	89.	24.4	74.6	74.6	75.1	74.7	74.9	75.9	75.1	75.5	74.7	74.7	75.4	75.7	74.7	74.6	75.1	75.7	75.9	74.7
1244	89.	24.0	423.9	421.5	430.1	449.7	449.9	444.3	454.8	455.9	462.6	463.7	437.1	444.5	470.6	469.7	455.1	450.9	466.2	467.9
1245	90.	24.4	520.5	515.3	520.3	536.9	532.0	526.6	530.6	534.0	535.8	538.7	512.5	520.1	541.6	542.1	528.0	521.6	533.9	537.1
1246	95.	28.8	526.5	520.7	526.3	541.6	537.4	533.7	537.8	538.3	540.8	544.1	521.8	529.8	547.2	548.6	538.0	528.5	539.3	541.2
1247	98.	33.0	525.8	518.1	528.0	543.0	539.0	535.4	539.5	540.2	541.2	546.1	524.0	533.0	547.2	550.0	539.3	529.3	539.0	541.7
1248	103.	36.9	528.4	521.2	531.9	545.4	543.5	540.2	542.8	545.1	544.8	549.5	529.6	537.2	549.0	552.3	543.3	532.5	540.9	542.8
1249	107.	40.7	531.2	523.6	534.9	548.1	547.5	542.9	544.2	547.6	546.0	550.4	530.5	539.2	550.4	554.1	543.9	533.4	540.7	542.9
1250	109.	41.8	533.7	527.0	538.9	551.9	550.2	545.9	546.9	547.9	548.1	552.0	532.4	539.9	551.7	555.1	544.4	534.7	541.9	544.9
1251	105.	39.3	530.8	523.7	534.4	548.0	546.8	543.3	545.5	548.0	546.8	551.8	534.0	540.9	551.8	555.5	545.3	534.9	541.8	544.4
1252	106.	40.1	532.3	525.0	537.0	549.7	549.2	545.3	547.3	549.2	547.9	552.7	534.6	542.6	553.0	556.6	547.1	535.6	543.2	545.2
1253	107.	40.6	533.3	524.2	537.1	550.2	549.8	546.3	547.2	549.6	548.2	552.8	536.1	543.3	553.1	557.1	547.6	536.0	542.6	545.2
1254	108.	41.5	532.0	525.2	537.4	550.6	549.4	545.6	547.1	548.9	547.4	553.0	536.0	543.0	552.8	556.6	546.6	535.6	542.6	545.0

SRL Single Tube Flow Instability Test # 6.0

Inconel ID = 1.120"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VLTB	CURRT	HRATIO	DPSTD1	TKW01N	VL	HL	YEAR	DAY	MIN											
	HFLX	VLTT	QUALITY	DPP1	TKW07S	DPSTD3	ID	DPL	MONTH	HRS	RUN											
1205	414.2	0.606	84.3	84.0	4932	-11.1	99.4	66.8	0.0	502.7	516.2	0.0	95.5	1.120	96.0	100.5	1989	3	3	15	2	1205
1206	414.2	0.606	84.3	84.0	4933	-9.4	99.7	67.0	0.0	503.8	518.3	0.0	95.5	1.120	96.0	100.5	1989	3	3	15	5	1206
1207	413.1	0.604	84.2	83.9	4924	-8.4	100.1	67.4	0.0	503.3	519.0	0.0	95.5	1.120	96.0	100.5	1989	3	3	15	7	1207
1208	411.9	0.602	84.0	83.8	4915	-7.5	100.0	67.3	0.0	503.3	519.5	0.0	95.5	1.120	96.0	100.5	1989	3	3	15	10	1208
1209	411.2	0.601	84.0	83.7	4912	-7.0	99.7	67.3	0.0	503.2	518.4	0.0	95.5	1.120	96.0	100.5	1989	3	3	15	12	1209
1210	411.7	0.602	84.1	83.7	4917	-6.9	99.7	67.3	0.0	504.0	518.9	0.0	95.5	1.120	96.0	100.5	1989	3	3	15	13	1210
1211	408.8	0.598	83.9	83.5	4898	-6.2	99.7	67.5	0.0	504.1	517.6	0.0	95.5	1.120	96.0	100.5	1989	3	3	15	18	1211
1212	407.3	0.596	83.7	83.3	4892	-10.5	100.1	67.0	0.0	499.4	514.9	0.0	95.5	1.120	96.0	100.5	1989	3	3	15	21	1212
1213	411.3	0.602	84.0	83.7	4914	-12.0	100.9	67.0	0.0	498.4	511.9	0.0	95.5	1.120	96.0	100.5	1989	3	3	15	30	1213
1214	0.0	0.000	-0.1	0.0	-5	0.0	0.0	66.4	0.0	76.7	76.8	0.0	95.5	1.120	96.0	100.5	1989	3	8	11	45	1214
1215	0.0	0.000	0.0	0.0	-4	0.0	0.0	67.9	0.0	76.5	76.7	0.0	95.5	1.120	96.0	100.5	1989	3	8	11	49	1215
1216	273.9	0.401	68.4	68.1	4021	-14.3	102.6	65.3	0.0	393.0	406.5	0.0	95.5	1.120	96.0	100.5	1989	3	8	13	28	1216
1217	273.1	0.399	68.3	68.0	4015	-13.6	101.9	65.6	0.0	406.2	418.8	0.0	95.5	1.120	96.0	100.5	1989	3	8	13	34	1217
1218	273.6	0.400	68.5	68.2	4014	-12.9	101.1	65.8	0.0	419.0	432.9	0.0	95.5	1.120	96.0	100.5	1989	3	8	13	40	1218
1219	272.1	0.398	68.3	67.9	4007	-12.8	101.8	65.7	0.0	419.0	431.8	0.0	95.5	1.120	96.0	100.5	1989	3	8	14	3	1219
1220	272.3	0.398	68.3	68.0	4004	-12.1	100.6	66.3	0.0	427.9	441.1	0.0	95.5	1.120	96.0	100.5	1989	3	8	14	5	1220
1221	271.1	0.397	68.2	67.9	3994	-10.9	100.6	66.4	0.0	430.7	444.1	0.0	95.5	1.120	96.0	100.5	1989	3	8	14	8	1221
1222	271.6	0.397	68.2	67.9	3998	-9.4	100.2	66.4	0.0	438.1	450.6	0.0	95.5	1.120	96.0	100.5	1989	3	8	14	12	1222
1223	273.0	0.399	68.4	68.1	4008	-7.9	99.6	66.7	0.0	444.2	455.4	0.0	95.5	1.120	96.0	100.5	1989	3	8	14	14	1223
1224	272.2	0.398	68.3	68.0	4003	-6.6	100.2	66.7	0.0	444.9	456.1	0.0	95.5	1.120	96.0	100.5	1989	3	8	14	18	1224
1225	271.6	0.397	68.3	67.9	3998	-6.2	100.3	66.8	0.0	445.4	456.9	0.0	95.5	1.120	96.0	100.5	1989	3	8	14	21	1225
1226	271.5	0.397	68.3	67.9	3997	-5.4	100.4	67.0	0.0	444.8	456.9	0.0	95.5	1.120	96.0	100.5	1989	3	8	14	24	1226
1227	270.8	0.396	68.2	67.8	3993	-5.0	99.6	67.1	0.0	445.3	456.4	0.0	95.5	1.120	96.0	100.5	1989	3	8	14	32	1227
1228	271.4	0.397	68.3	67.9	3997	-4.9	100.3	67.2	0.0	445.9	457.3	0.0	95.5	1.120	96.0	100.5	1989	3	8	14	34	1228
1229	272.1	0.398	68.4	68.0	4002	-4.3	99.4	67.3	0.0	447.1	457.3	0.0	95.5	1.120	96.0	100.5	1989	3	8	14	36	1229
1230	270.9	0.396	68.2	67.8	3995	-7.3	100.0	66.8	0.0	442.4	455.4	0.0	95.5	1.120	96.0	100.5	1989	3	8	14	43	1230
1231	275.5	0.403	68.7	68.4	4029	-8.6	100.1	66.6	0.0	441.8	455.7	0.0	95.5	1.120	96.0	100.5	1989	3	8	14	50	1231
1232	412.4	0.603	84.2	83.8	4923	-11.6	101.6	64.3	0.0	494.9	508.2	0.0	95.5	1.120	96.0	100.5	1989	3	8	15	3	1232
1233	407.9	0.597	83.8	83.3	4897	-11.0	101.8	64.7	0.0	494.7	508.5	0.0	95.5	1.120	96.0	100.5	1989	3	8	15	8	1233
1234	408.5	0.597	83.8	83.4	4899	-10.2	101.2	65.2	0.0	497.3	513.6	0.0	95.5	1.120	96.0	100.5	1989	3	8	15	15	1234
1235	410.2	0.600	84.0	83.6	4908	-8.9	100.7	65.4	0.0	500.8	516.9	0.0	95.5	1.120	96.0	100.5	1989	3	8	15	21	1235
1236	409.8	0.599	83.9	83.5	4906	-7.7	100.5	65.5	0.0	502.6	517.0	0.0	95.5	1.120	96.0	100.5	1989	3	8	15	24	1236
1237	409.8	0.599	84.0	83.5	4906	-6.3	99.4	66.0	0.0	503.8	518.2	0.0	95.5	1.120	96.0	100.5	1989	3	8	15	28	1237
1238	409.9	0.599	83.8	83.7	4900	-5.9	100.1	65.9	0.0	503.0	517.0	0.0	95.5	1.120	96.0	100.5	1989	3	8	15	39	1238
1239	413.4	0.605	84.4	83.9	4930	-5.5	99.8	66.0	0.0	505.1	519.5	0.0	95.5	1.120	96.0	100.5	1989	3	8	15	43	1239
1240	413.8	0.605	84.3	83.9	4930	-6.4	99.9	65.8	0.0	505.5	519.9	0.0	95.5	1.120	96.0	100.5	1989	3	8	15	50	1240
1241	414.5	0.606	84.4	84.0	4936	-8.3	100.5	65.4	0.0	504.8	519.3	0.0	95.5	1.120	96.0	100.5	1989	3	8	15	57	1241
1242	413.1	0.604	84.3	83.8	4927	-7.1	100.1	65.6	0.0	504.5	519.3	0.0	95.5	1.120	96.0	100.5	1989	3	8	16	3	1242
1243	0.0	0.000	-0.1	0.0	-5	0.0	0.0	65.6	0.0	76.2	75.7	0.0	95.5	1.120	96.0	100.5	1989	3	20	11	44	1243
1244	413.4	0.605	84.2	83.9	4928	-16.4	102.1	65.4	0.0	481.9	496.2	0.0	95.5	1.120	96.0	100.5	1989	3	20	12	2	1244
1245	546.9	0.800	97.2	96.6	5660	-13.8	102.2	65.4	0.0	552.1	571.2	0.0	95.5	1.120	96.0	100.5	1989	3	20	13	6	1245
1246	550.9	0.806	97.4	97.0	5681	-12.6	101.6	65.6	0.0	557.5	573.6	0.0	95.5	1.120	96.0	100.5	1989	3	20	13	14	1246
1247	546.0	0.799	97.0	96.5	5656	-11.7	101.2	65.9	0.0	556.8	573.8	0.0	95.5	1.120	96.0	100.5	1989	3	20	13	19	1247
1248	542.8	0.794	96.8	96.2	5642	-10.1	101.0	66.4	0.0	558.9	576.0	0.0	95.5	1.120	96.0	100.5	1989	3	20	13	25	1248
1249	544.2	0.796	96.9	96.4	5644	-8.2	100.2	66.6	0.0	559.7	576.9	0.0	95.5	1.120	96.0	100.5	1989	3	20	13	30	1249
1250	550.7	0.805	97.4	97.0	5677	-7.0	100.8	67.2	0.0	561.8	580.4	0.0	95.5	1.120	96.0	100.5	1989	3	20	13	35	1250
1251	547.6	0.801	97.4	96.7	5662	-9.0	100.4	66.7	0.0	561.9	579.6	0.0	95.5	1.120	96.0	100.5	1989	3	20	13	41	1251
1252	549.5	0.804	97.3	96.9	5673	-8.2	100.5	66.7	0.0	561.0	579.0	0.0	95.5	1.120	96.0	100.5	1989	3	20	13	47	1252
1253	547.5	0.801	97.2	96.7	5661	-8.0	100.3	66.8	0.0	562.5	577.3	0.0	95.5	1.120	96.0	100.5	1989	3	20	13	53	1253
1254	547.9	0.801	97.3	96.7	5669	-7.7	99.6	66.8	0.0	560.1	579.0	0.0	95.5	1.120	96.0	100.5	1989	3	20	13	55	1254

SRL Single Tube Flow Instability Test # 6.0
Inconel
ID = 1.120"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FBI1	FMO1	OTI1	TRTO1	TRTI2											
TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRTI1	TJTI1	TRTO2											
1255	6.0	61.6	62.3	64.6	64.7	65.1	1.00	1.01	0.99	26.10	24.44	258.0	0.	26.9	25.8	24.4	76.8	230.6	75.2	76.5	230.6
1256	6.0	61.6	62.4	64.7	64.7	65.1	1.03	1.03	1.02	25.62	24.11	258.8	0.	27.7	25.4	23.9	76.9	233.1	75.3	76.8	233.1
1257	6.0	61.3	61.9	64.2	64.3	64.5	1.11	1.12	1.11	24.39	23.05	260.5	0.	27.2	24.6	23.0	76.9	238.3	76.6	76.7	238.1
1258	6.0	62.0	63.6	64.8	64.7	65.1	1.07	1.09	1.09	31.57	30.61	257.5	0.	31.5	31.4	30.3	77.7	201.6	76.4	77.5	201.1
1259	6.0	61.8	63.4	64.8	64.7	65.2	1.58	1.59	1.58	39.84	38.95	255.8	0.	40.0	39.5	38.3	76.4	199.8	75.3	76.4	199.6
1260	6.0	62.4	65.1	64.9	64.7	64.9	1.54	1.56	1.55	40.61	37.63	254.9	0.	38.9	38.3	37.2	76.6	204.1	77.9	76.5	204.1
1261	6.0	62.2	64.0	65.0	64.8	65.2	1.49	1.53	1.50	38.04	35.92	255.7	0.	37.2	36.8	35.4	76.5	209.5	75.7	76.4	209.5
1262	6.0	62.5	63.8	64.9	64.8	65.6	1.42	1.46	1.44	35.56	33.99	255.5	0.	35.2	34.9	33.7	76.1	215.6	74.9	76.0	215.3
1263	6.0	62.3	62.6	65.0	64.9	65.2	1.40	1.43	1.42	35.30	32.90	256.8	0.	34.3	34.0	32.6	76.5	219.5	77.2	76.4	219.5
1264	6.0	62.4	63.1	64.3	64.7	64.9	1.45	1.45	1.44	33.72	32.51	257.6	0.	34.2	33.7	32.1	77.7	222.6	76.9	77.5	222.4
1265	6.0	61.7	63.0	64.8	64.7	64.8	1.44	1.46	1.44	33.20	32.11	256.3	0.	33.4	33.3	31.7	76.6	224.4	78.0	76.5	224.2
1266	6.0	61.5	64.1	64.6	64.7	65.0	1.44	1.42	1.46	32.86	31.44	257.1	0.	32.7	32.7	31.1	77.0	228.0	78.1	76.8	228.0
1267	6.0	61.3	64.4	64.1	64.6	64.3	1.46	1.47	1.47	32.37	31.14	257.2	0.	32.5	32.3	31.1	77.0	229.0	76.1	76.9	228.6
1268	6.0	62.1	62.6	64.7	64.7	65.0	1.49	1.56	1.51	31.53	30.64	257.2	0.	32.2	32.1	30.3	77.1	232.1	76.6	77.0	232.1
1269	6.0	62.7	64.4	65.0	64.7	65.0	1.65	1.54	1.63	31.79	30.25	257.8	0.	32.3	31.6	29.8	77.1	236.9	76.4	77.0	236.6
1270	6.0	62.5	63.0	65.1	64.9	64.9	1.49	1.51	1.50	36.46	35.19	256.7	0.	37.0	36.2	34.6	77.2	212.6	79.0	77.2	212.6
1271	6.0	62.4	63.5	64.7	64.7	64.9	1.60	1.61	1.58	39.28	39.11	255.1	0.	40.1	39.8	38.5	121.1	219.3	118.5	121.0	219.1
1272	6.0	62.5	63.4	64.5	64.5	64.9	1.52	1.54	1.51	37.73	36.74	255.9	0.	37.8	37.6	36.4	121.1	225.9	120.9	121.1	225.7
1273	6.0	62.6	63.5	65.0	64.9	65.1	1.45	1.48	1.49	35.66	35.17	258.0	0.	36.7	36.3	34.7	120.6	229.2	118.6	120.5	229.1
1274	6.0	62.4	63.5	64.7	64.7	65.1	1.44	1.45	1.46	34.42	34.02	257.0	0.	35.4	35.1	33.7	121.2	233.4	121.6	121.0	233.1
1275	6.0	62.3	63.0	64.4	64.5	64.6	1.49	1.48	1.45	34.80	33.01	257.6	0.	34.5	34.2	32.7	121.1	237.1	119.6	121.1	236.9
1276	6.0	62.6	62.9	64.9	64.7	65.1	1.44	1.43	1.45	33.04	32.49	256.6	0.	33.8	33.6	32.1	121.1	238.9	120.6	121.0	238.6
1277	6.0	62.7	63.5	65.1	64.9	65.3	1.39	1.43	1.43	32.34	31.83	257.3	0.	33.1	33.0	31.5	121.1	240.3	121.1	121.1	240.1
1278	6.0	62.7	63.3	65.0	64.9	65.4	1.45	1.45	1.45	32.26	31.82	257.5	0.	33.0	33.1	31.5	121.7	240.6	120.4	121.5	240.6
1279	6.0	62.6	63.2	64.8	64.7	65.2	1.45	1.45	1.49	31.63	31.28	257.4	0.	32.6	32.4	30.9	121.1	243.5	120.5	121.0	243.1
1280	6.0	62.8	63.5	65.0	64.7	65.2	1.57	1.51	1.54	30.88	30.59	258.1	0.	32.1	31.9	30.3	121.6	246.1	120.4	121.5	246.1
1281	6.0	62.4	62.8	64.6	64.7	65.0	1.62	1.55	1.70	29.95	29.44	258.4	0.	30.1	30.2	29.3	121.6	252.0	120.1	121.4	251.9
1282	6.0	62.9	63.7	65.2	64.9	65.4	1.54	1.57	1.55	37.86	37.77	256.1	0.	38.7	38.5	37.4	121.6	223.4	121.2	121.5	223.1
1283	6.0	61.5	62.0	64.7	64.7	64.9	0.65	0.66	0.66	24.00	23.62	259.7	0.	23.3	0.0	23.6	121.0	121.0	119.9	120.9	121.0
1284	6.0	62.5	64.4	64.6	64.7	64.9	1.85	1.88	1.88	48.95	48.87	253.1	0.	49.5	5.2	47.9	120.5	180.5	119.8	120.4	180.0
1285	6.0	62.1	63.2	64.7	64.7	64.9	1.29	1.30	1.29	38.12	37.86	255.0	0.	38.7	3.8	37.6	120.5	197.0	119.4	120.4	197.0
1286	6.0	63.8	65.3	65.1	64.9	65.4	2.36	2.39	2.38	48.69	48.69	253.0	0.	50.7	5.2	48.0	121.9	220.5	121.2	121.6	220.4
1287	6.0	63.0	64.6	64.7	64.7	64.9	2.26	2.28	2.25	46.82	46.19	252.0	0.	47.8	4.9	45.5	121.6	226.0	120.5	121.4	225.9
1288	6.0	62.7	64.4	64.4	64.5	64.8	2.18	2.22	2.20	44.58	44.46	253.4	0.	46.1	4.7	44.0	120.7	228.5	120.0	120.5	228.5
1289	6.0	63.4	64.7	65.0	64.9	65.4	2.17	2.17	2.16	43.18	42.81	254.3	0.	44.5	4.5	42.4	120.9	233.0	120.2	120.8	233.0
1290	6.0	63.2	64.1	64.5	64.6	64.7	2.18	2.20	2.15	42.70	42.20	253.7	0.	44.3	4.4	41.7	121.3	235.8	119.9	121.4	235.5
1291	6.0	63.4	64.4	64.5	64.7	65.2	2.10	2.18	2.13	40.56	40.34	254.6	0.	42.5	4.2	40.1	121.0	238.5	120.7	120.9	238.5
1292	6.0	63.2	64.1	64.6	64.7	65.0	2.17	2.23	2.22	40.09	39.38	255.9	0.	41.4	3.9	39.1	121.6	242.0	120.4	121.4	242.0
1293	6.0	62.8	64.1	64.4	64.5	65.0	2.20	2.20	2.25	39.46	38.90	254.0	0.	40.9	3.7	38.7	121.1	243.3	120.4	120.9	243.3
1294	6.0	63.1	64.7	65.1	64.9	65.6	2.35	2.30	2.32	39.16	38.01	254.4	0.	39.8	3.4	37.6	121.3	246.5	120.3	121.4	246.5
1295	6.0	63.5	64.7	64.9	64.7	65.3	2.11	2.15	2.13	43.25	40.91	255.0	0.	43.0	4.3	40.6	120.8	237.4	119.4	120.8	237.0
1296	6.0	63.6	64.8	64.9	64.7	65.2	2.11	2.14	21.29	42.46	41.61	254.8	0.	43.4	4.3	41.5	121.0	235.4	119.3	120.9	235.0
1297	6.0	63.4	65.1	64.8	64.8	65.4	2.31	2.35	2.32	47.12	47.22	252.7	0.	49.4	5.0	46.5	121.5	223.5	120.1	121.4	223.1
1298	6.0	32.5	33.5	34.8	34.8	35.7	1.28	1.33	1.32	39.73	39.60	254.4	0.	39.7	4.1	39.0	77.1	125.5	76.1	77.1	125.5
1299	6.0	32.1	32.5	34.7	34.7	35.5	0.99	1.02	1.00	34.59	34.07	257.1	0.	34.4	3.5	33.7	76.5	132.0	76.0	76.4	131.6
1300	6.0	31.9	32.3	34.6	34.7	35.4	0.85	0.87	0.84	31.16	30.62	257.5	0.	30.9	3.0	30.8	77.0	138.4	76.6	76.8	138.4
1301	6.0	31.8	31.9	34.6	34.7	35.4	0.73	0.74	0.74	28.19	27.60	258.8	0.	28.0	2.4	27.6	77.2	146.0	77.2	76.9	145.6
1302	6.0	31.7	31.7	34.7	34.7	35.4	0.61	0.62	0.61	25.08	24.50	259.7	0.	24.3	1.9	24.4	77.6	154.6	77.3	77.8	154.5
1303	6.0	31.7	31.7	34.9	34.8	35.5	0.51	0.51	0.52	21.32	20.89	259.5	0.	20.5	1.3	20.9	77.5	167.5	77.2	77.4	167.0
1304	6.0	31.4	31.4	34.5	34.7	35.1	0.46	0.38	0.52	18.96	18.72	259.9	0.	18.6	0.0	18.8	77.1	177.5	76.0	77.0	177.1

SRL Single Tube Flow Instability Test # 6.0

Inconel ID = 1.120

1	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	PPO1	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
	PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
1255	109.	41.8	532.1	524.8	537.5	549.8	549.2	545.9	547.2	549.4	546.9	552.5	536.0	542.5	552.8	555.9	546.8	535.3	541.7	544.0
1256	109.	42.1	532.2	525.0	537.4	550.4	550.2	546.0	546.8	549.6	547.4	552.7	534.9	542.6	552.7	556.2	546.3	535.9	542.5	544.4
1257	109.	42.2	533.3	526.5	539.2	551.3	551.3	547.0	547.7	550.2	548.2	553.4	535.8	543.0	553.0	557.3	547.0	536.3	542.6	545.1
1258	101.	35.1	526.7	520.4	530.2	544.0	543.0	540.7	543.7	544.8	545.1	549.3	534.6	541.7	552.2	554.9	545.8	535.5	542.4	543.9
1259	89.	24.4	584.4	576.7	582.9	600.2	596.6	592.3	594.5	596.6	596.5	601.2	580.6	589.3	604.4	607.3	595.3	582.8	594.5	594.8
1260	91.	26.5	586.4	576.8	587.0	603.6	599.6	595.6	597.2	598.9	598.9	604.3	583.5	593.0	606.2	610.2	597.4	586.4	595.3	596.0
1261	94.	28.6	585.9	578.3	585.4	601.9	599.3	595.2	596.5	598.5	597.8	603.2	582.7	592.5	605.1	608.5	597.1	583.9	594.1	593.6
1262	97.	31.4	587.0	577.8	587.4	602.9	600.9	596.5	598.5	601.0	598.9	603.2	584.5	593.3	605.4	608.5	597.4	585.6	593.5	594.8
1263	98.	32.4	589.4	578.1	589.5	605.4	602.3	597.3	599.6	602.0	600.0	604.8	584.9	594.8	606.8	609.0	598.9	586.6	595.2	597.1
1264	98.	32.6	586.9	577.7	588.3	603.6	601.0	596.4	598.0	599.9	598.2	603.0	583.6	592.3	604.2	607.7	597.1	585.3	593.6	594.8
1265	99.	33.0	589.2	578.8	589.6	604.9	602.0	597.3	598.0	601.6	598.5	604.6	583.7	593.4	605.5	608.8	597.8	584.9	594.1	595.7
1266	100.	33.9	589.2	579.5	589.7	605.4	602.4	597.1	599.1	599.7	598.7	604.7	582.9	593.0	605.4	609.0	597.9	585.2	594.0	595.2
1267	100.	34.4	589.0	578.1	590.0	604.5	602.6	598.3	599.2	602.4	599.2	604.0	583.6	593.5	605.5	608.9	598.1	584.7	593.7	594.7
1268	101.	35.0	589.0	579.6	591.7	606.2	604.4	599.0	600.3	602.1	599.6	605.1	585.7	594.1	606.1	609.5	597.7	585.6	594.9	596.1
1269	101.	35.0	594.4	585.6	594.8	611.6	607.9	602.2	602.0	605.7	602.5	608.2	586.8	595.7	609.9	612.9	599.6	588.0	598.5	600.5
1270	95.	29.5	588.1	577.6	587.9	603.7	601.0	597.6	598.9	602.3	600.3	604.4	585.5	594.7	606.7	610.1	599.8	586.7	595.3	597.3
1271	89.	24.8	527.7	520.6	531.8	545.9	544.0	541.0	544.1	546.6	545.5	549.8	534.5	542.1	552.6	555.0	547.6	536.3	543.3	544.7
1272	92.	27.9	530.5	522.8	534.4	548.3	546.6	542.8	545.7	548.4	547.3	552.0	535.4	542.3	554.2	556.9	547.3	537.0	544.4	546.5
1273	94.	29.8	531.2	524.4	535.5	549.5	547.8	544.0	546.7	549.4	548.1	553.3	535.8	542.9	554.4	557.9	548.0	538.3	544.6	546.6
1274	96.	31.1	531.9	524.6	536.1	549.6	548.0	543.6	546.1	549.2	547.9	552.8	534.9	542.4	553.6	556.9	547.2	537.2	544.1	546.7
1275	97.	32.4	534.0	526.5	537.9	551.2	550.2	545.6	547.8	550.5	548.5	553.7	536.3	543.2	554.7	557.9	548.2	538.1	545.2	547.3
1276	98.	33.5	534.1	526.7	538.7	551.5	549.9	546.4	547.5	549.9	548.8	553.3	536.0	543.0	555.3	557.9	548.0	538.1	544.9	547.0
1277	99.	34.3	533.2	525.8	538.5	551.0	549.9	545.4	547.6	549.3	547.6	552.4	535.6	542.9	553.9	557.1	547.0	537.8	543.7	545.7
1278	99.	34.2	532.6	526.1	537.6	550.3	549.2	544.2	545.9	549.5	546.8	552.2	533.9	541.0	553.0	556.3	546.0	536.9	543.5	545.6
1279	100.	34.7	533.2	526.5	538.2	550.9	549.8	545.1	546.5	549.4	547.5	552.4	534.5	541.6	553.5	556.6	545.5	536.3	543.3	545.8
1280	100.	35.4	534.6	528.2	539.5	551.6	551.0	545.8	546.9	549.6	548.0	553.1	535.0	541.9	553.9	557.2	546.4	537.3	544.1	546.8
1281	102.	37.4	536.8	529.5	540.2	553.6	551.3	547.0	547.5	550.5	548.4	553.2	536.3	542.2	554.3	557.1	546.9	537.2	544.8	546.5
1282	91.	27.0	529.5	523.1	533.6	546.9	545.9	542.4	545.6	548.4	547.5	552.7	535.7	542.3	554.5	557.3	547.4	537.8	545.3	547.5
1283	118.	52.1	120.8	120.6	120.4	120.9	120.9	120.5	121.1	120.8	120.9	120.9	120.6	120.9	120.9	120.9	120.9	121.1	120.9	120.8
1284	110.	46.2	412.1	412.3	420.0	441.0	443.2	434.1	437.1	446.1	455.2	453.1	423.3	425.8	463.1	461.5	435.5	439.3	457.7	462.3
1285	114.	49.2	438.4	434.9	453.6	471.9	474.3	468.2	469.5	476.3	480.5	481.4	457.8	462.1	485.2	486.9	469.2	467.0	477.5	482.7
1286	111.	46.8	575.5	570.9	574.5	594.8	591.5	581.3	580.5	588.9	592.5	594.7	565.6	571.2	597.9	601.2	579.6	574.4	588.2	593.5
1287	111.	47.1	579.3	572.7	579.3	598.1	595.3	587.1	585.4	592.8	594.8	597.1	572.2	579.3	599.4	603.1	586.0	578.0	590.4	594.4
1288	112.	47.3	582.5	575.4	583.9	601.2	598.9	591.5	590.9	596.5	597.1	600.0	577.7	585.6	602.2	605.7	591.2	581.6	593.1	595.9
1289	112.	48.2	584.2	577.4	585.1	602.8	599.9	592.3	591.7	597.3	598.1	600.7	578.2	586.5	602.7	607.3	592.7	581.5	593.8	596.4
1290	113.	48.2	585.9	578.5	588.2	604.5	601.9	596.0	594.3	599.1	598.9	602.1	581.3	589.6	604.2	608.4	594.2	583.6	594.9	597.1
1291	114.	48.6	584.2	575.5	586.7	602.7	600.4	594.8	592.8	597.7	596.9	600.3	581.1	589.1	602.1	606.3	594.0	582.3	593.1	594.4
1292	114.	48.9	585.4	576.5	588.5	603.1	601.1	595.8	593.7	598.2	597.2	600.1	581.9	589.3	603.0	606.6	594.2	582.3	593.0	594.7
1293	114.	49.1	586.2	577.2	589.1	604.3	601.7	596.9	594.0	598.7	597.2	600.9	581.6	590.0	602.8	606.9	594.2	582.9	593.1	594.8
1294	114.	49.7	586.8	578.6	589.9	605.6	602.9	596.6	595.1	598.9	597.6	601.6	582.4	590.5	603.4	607.5	594.5	583.5	594.0	595.2
1295	113.	48.7	585.0	576.8	588.3	603.6	602.4	596.1	594.9	599.2	598.1	601.7	583.3	591.1	603.7	608.2	594.8	584.1	594.6	595.7
1296	113.	48.3	583.8	574.9	587.0	602.5	601.0	595.6	594.2	598.7	597.6	601.4	582.7	591.7	603.1	607.4	595.4	584.1	594.1	594.7
1297	111.	47.1	580.4	572.6	584.1	600.6	598.9	593.9	594.4	598.1	598.3	601.6	583.3	590.6	604.6	608.2	596.2	584.9	595.3	595.8
1298	84.	19.7	319.9	313.4	335.2	342.0	345.5	348.4	355.0	351.7	351.6	352.2	355.6	361.2	358.8	357.9	362.9	351.1	358.3	350.9
1299	86.	20.9	325.5	321.2	340.2	349.2	353.4	353.9	360.0	359.8	361.9	362.0	357.8	363.9	369.4	368.4	367.6	358.4	368.4	362.9
1300	87.	21.5	330.5	327.0	346.2	356.9	360.9	360.4	366.9	367.6	370.9	370.7	363.2	369.4	377.9	377.2	374.0	366.5	376.5	372.9
1301	88.	22.1	338.3	334.9	354.9	367.3	371.7	370.6	376.6	378.5	381.5	381.8	373.0	377.9	388.1	388.6	382.9	376.7	385.5	384.3
1302	89.	22.7	343.6	339.7	363.0	375.5	380.8	379.5	384.6	387.1	389.1	391.1	380.9	385.2	395.9	396.9	390.4	384.9	392.4	392.6
1303	89.	23.4	350.0	346.6	373.1	384.9	390.6	388.3	391.5	394.6	396.7	398.8	388.1	391.4	402.6	405.1	396.8	392.5	399.8	401.3
1304	89.	23.2	359.9	353.9	382.6	392.3	394.5	391.8	395.8	399.0	400.2	403.2	394.1	396.2	405.2	408.2	400.5	396.3	400.7	403.9

SRL Single Tube Flow Instability Test # 6.0

Inconel

ID = 1.120"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VLTB	CURRT	HRATIO	DPSTD1	TKW01N	VL	HL	YEAR	DAY	MIN											
	HFLX	VLTT	QUALITY	DPP1	TKW07S	DPSTD3	ID	DPL	MONTH	HRS	RUN											
1255	545.0	0.797	98.9	98.4	5653	-7.6	100.5	67.0	0.0	559.3	577.5	0.0	95.5	1.120	96.0	100.5	1989	3	20	13	59	1255
1256	548.1	0.802	97.2	98.8	5665	-7.3	100.2	66.8	0.0	561.8	578.6	0.0	95.5	1.120	96.0	100.5	1989	3	20	14	2	1256
1257	545.2	0.797	98.9	98.5	5649	-6.5	99.6	67.0	0.0	560.1	575.9	0.0	95.5	1.120	96.0	100.5	1989	3	20	14	7	1257
1258	544.7	0.797	97.0	98.4	5652	-10.9	101.2	66.0	0.0	558.8	576.1	0.0	95.5	1.120	96.0	100.5	1989	3	20	14	11	1258
1259	682.8	0.999	108.7	108.0	6320	-11.2	102.4	65.3	0.0	615.7	631.5	0.0	95.5	1.120	96.0	100.5	1989	3	20	14	45	1259
1260	681.2	0.996	108.7	107.9	6312	-10.8	102.3	65.3	0.0	615.3	633.0	0.0	95.5	1.120	96.0	100.5	1989	3	20	14	49	1260
1261	683.9	1.000	108.7	108.1	6325	-10.1	101.7	65.8	0.0	617.4	633.0	0.0	95.5	1.120	96.0	100.5	1989	3	20	14	55	1261
1262	679.4	0.994	108.4	107.8	6304	-9.4	101.6	65.7	0.0	612.9	631.2	0.0	95.5	1.120	96.0	100.5	1989	3	20	15	7	1262
1263	681.3	0.997	108.3	108.0	6308	-8.9	100.9	65.8	0.0	614.5	632.1	0.0	95.5	1.120	96.0	100.5	1989	3	20	15	12	1263
1264	679.7	0.994	108.3	107.8	6308	-8.5	101.0	66.0	0.0	614.3	633.5	0.0	95.5	1.120	96.0	100.5	1989	3	20	15	16	1264
1265	686.3	1.004	108.8	108.3	6336	-8.3	100.8	66.1	0.0	616.8	636.2	0.0	95.5	1.120	96.0	100.5	1989	3	20	15	19	1265
1266	687.0	1.005	108.9	108.4	6336	-7.9	100.8	65.8	0.0	617.5	634.7	0.0	95.5	1.120	96.0	100.5	1989	3	20	15	22	1266
1267	682.8	0.999	108.7	108.1	6316	-7.8	101.0	66.1	0.0	613.2	632.2	0.0	95.5	1.120	96.0	100.5	1989	3	20	15	26	1267
1268	686.6	1.004	108.9	108.5	6330	-7.5	100.9	66.1	0.0	617.7	636.0	0.0	95.5	1.120	96.0	100.5	1989	3	20	15	29	1268
1269	701.3	1.026	110.0	109.5	6403	-6.9	100.6	66.3	0.0	623.6	639.5	0.0	95.5	1.120	96.0	100.5	1989	3	20	15	33	1269
1270	683.3	0.999	108.7	108.1	6320	-9.8	101.5	65.5	0.0	614.5	635.7	0.0	95.5	1.120	96.0	100.5	1989	3	20	15	37	1270
1271	546.3	0.799	97.1	96.5	5660	-8.9	101.6	64.3	0.0	561.4	576.2	0.0	95.5	1.120	96.0	100.5	1989	3	20	15	54	1271
1272	550.2	0.805	97.3	96.9	5677	-8.1	101.3	64.7	0.0	562.2	578.4	0.0	95.5	1.120	96.0	100.5	1989	3	20	15	58	1272
1273	548.4	0.802	97.2	96.7	5670	-7.8	100.8	64.8	0.0	562.8	578.1	0.0	95.5	1.120	96.0	100.5	1989	3	20	16	2	1273
1274	548.7	0.803	97.2	96.8	5670	-7.3	100.8	64.8	0.0	562.2	577.3	0.0	95.5	1.120	96.0	100.5	1989	3	20	16	4	1274
1275	551.1	0.806	97.3	97.0	5680	-6.8	100.8	65.2	0.0	564.4	577.9	0.0	95.5	1.120	96.0	100.5	1989	3	20	16	6	1275
1276	550.8	0.806	97.5	97.0	5680	-6.7	100.5	65.3	0.0	563.2	579.4	0.0	95.5	1.120	96.0	100.5	1989	3	20	16	10	1276
1277	544.9	0.797	96.9	96.4	5653	-6.6	100.7	65.3	0.0	562.2	577.5	0.0	95.5	1.120	96.0	100.5	1989	3	20	16	14	1277
1278	546.5	0.799	97.0	96.6	5659	-6.5	100.3	65.1	0.0	561.6	579.8	0.0	95.5	1.120	96.0	100.5	1989	3	20	16	17	1278
1279	549.0	0.803	97.3	96.8	5674	-6.2	101.0	65.5	0.0	564.4	579.2	0.0	95.5	1.120	96.0	100.5	1989	3	20	16	20	1279
1280	550.2	0.805	97.3	96.9	5676	-5.9	100.3	65.4	0.0	563.1	579.3	0.0	95.5	1.120	96.0	100.5	1989	3	20	16	29	1280
1281	553.7	0.810	97.6	97.2	5694	-5.2	100.5	65.4	0.0	564.8	579.9	0.0	95.5	1.120	96.0	100.5	1989	3	20	16	33	1281
1282	550.7	0.805	97.4	97.0	5679	-8.5	101.0	64.4	0.0	564.3	579.6	0.0	95.5	1.120	96.0	100.5	1989	3	20	16	38	1282
1283	0.0	0.000	0.0	0.0	-1	0.0	0.0	66.2	0.0	121.6	121.5	0.0	95.5	1.120	96.0	100.5	1989	3	21	13	47	1283
1284	413.6	0.605	84.3	83.9	4930	-13.2	102.4	64.2	0.0	482.4	494.6	0.0	95.5	1.120	96.0	100.5	1989	3	21	13	55	1284
1285	413.8	0.605	84.3	84.0	4928	-11.3	101.2	65.3	0.0	496.1	509.4	0.0	95.5	1.120	96.0	100.5	1989	3	21	14	1	1285
1286	684.2	1.001	108.8	108.3	6320	-8.8	101.5	64.2	0.0	617.6	634.8	0.0	95.5	1.120	96.0	100.5	1989	3	21	14	11	1286
1287	683.2	0.999	108.7	108.1	6318	-8.2	102.1	64.7	0.0	616.6	634.5	0.0	95.5	1.120	96.0	100.5	1989	3	21	14	14	1287
1288	684.7	1.001	108.8	108.3	6323	-7.8	101.4	64.9	0.0	616.6	634.6	0.0	95.5	1.120	96.0	100.5	1989	3	21	14	21	1288
1289	688.8	1.007	109.1	108.5	6346	-7.4	100.9	64.7	0.0	618.7	636.8	0.0	95.5	1.120	96.0	100.5	1989	3	21	14	25	1289
1290	689.6	1.009	109.2	108.6	6348	-7.1	101.4	64.9	0.0	618.9	635.9	0.0	95.5	1.120	96.0	100.5	1989	3	21	14	31	1290
1291	680.3	0.995	108.4	107.9	6306	-6.7	100.9	65.2	0.0	615.2	633.2	0.0	95.5	1.120	96.0	100.5	1989	3	21	14	37	1291
1292	681.6	0.997	108.6	108.0	6314	-6.3	100.6	65.0	0.0	616.2	632.9	0.0	95.5	1.120	96.0	100.5	1989	3	21	14	42	1292
1293	682.1	0.998	108.6	108.0	6315	-6.2	101.0	65.4	0.0	616.2	632.0	0.0	95.5	1.120	96.0	100.5	1989	3	21	14	46	1293
1294	685.9	1.003	108.9	108.3	6332	-5.8	100.5	65.2	0.0	617.1	634.9	0.0	95.5	1.120	96.0	100.5	1989	3	21	14	49	1294
1295	682.6	0.998	108.6	108.0	6320	-6.9	101.1	65.0	0.0	615.3	633.7	0.0	95.5	1.120	96.0	100.5	1989	3	21	14	52	1295
1296	680.0	0.995	108.4	107.9	6305	-7.1	101.3	64.8	0.0	614.5	631.6	0.0	95.5	1.120	96.0	100.5	1989	3	21	14	56	1296
1297	683.9	1.000	108.7	108.2	6322	-8.5	101.9	64.4	0.0	615.3	634.6	0.0	95.5	1.120	96.0	100.5	1989	3	21	15	0	1297
1298	272.1	0.398	68.1	67.8	4015	-14.4	102.4	64.8	0.0	356.4	368.7	0.0	95.5	1.120	96.0	100.5	1989	3	21	15	16	1298
1299	271.4	0.397	68.1	67.7	4009	-13.6	101.2	65.6	0.0	370.7	385.7	0.0	95.5	1.120	96.0	100.5	1989	3	21	15	23	1299
1300	270.6	0.396	67.9	67.6	4003	-12.9	101.1	65.8	0.0	381.9	393.6	0.0	95.5	1.120	96.0	100.5	1989	3	21	15	26	1300
1301	273.7	0.400	68.4	68.1	4022	-12.1	100.9	66.3	0.0	393.6	406.6	0.0	95.5	1.120	96.0	100.5	1989	3	21	15	30	1301
1302	272.9	0.399	68.3	68.0	4015	-11.2	100.4	66.5	0.0	401.8	412.9	0.0	95.5	1.120	96.0	100.5	1989	3	21	15	34	1302
1303	272.8	0.399	68.3	68.0	4013	-9.8	100.2	66.9	0.0	410.4	421.9	0.0	95.5	1.120	96.0	100.5	1989	3	21	15	36	1303
1304	272.2	0.398	68.2	67.9	4009	-8.7	100.5	66.8	0.0	413.4	423.3	0.0	95.5	1.120	96.0	100.5	1989	3	21	15	46	1304

SRL Single Tube Flow Instability Test # 6.0
Inconel ID = 1.120"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FBI1	FMO1	OTI1	TRTO1	TRTI2											
TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRTI1	TJT11	TRT02											
1305	6.0	31.2	31.4	34.8	34.7	35.5	0.44	0.41	0.48	16.81	16.62	260.7	0.	16.4	0.0	16.7	77.0	189.5	75.7	76.9	189.5
1306	6.0	31.6	31.4	34.8	34.8	35.3	0.41	0.40	0.43	14.68	14.33	262.5	0.	14.0	0.0	14.3	77.6	208.0	75.8	77.4	208.0
1307	6.0	31.3	31.3	34.8	34.8	35.2	0.46	0.42	0.50	13.55	13.47	261.5	0.	13.0	0.0	13.1	76.4	214.7	75.6	76.4	214.5
1308	6.0	31.7	31.5	34.8	34.9	35.4	0.55	0.57	0.59	13.15	13.05	263.0	0.	12.7	0.0	13.0	77.4	219.4	76.4	77.4	219.3
1309	6.0	31.3	31.3	34.8	34.7	35.3	0.43	0.42	0.45	15.54	15.38	261.6	0.	15.0	0.0	15.4	76.8	198.5	75.7	76.7	198.5
1310	6.0	30.7	31.3	34.6	34.7	35.2	0.47	0.47	0.49	17.84	17.53	260.9	0.	17.4	0.0	17.4	77.0	184.5	76.3	76.9	184.5
1311	6.0	31.7	31.4	34.7	34.7	35.3	0.53	0.54	0.55	22.25	21.93	259.8	0.	21.9	0.0	21.9	77.2	163.2	76.4	77.4	163.0
1312	6.0	32.7	33.5	34.9	34.9	35.5	1.21	1.23	1.19	37.89	37.57	255.3	0.	37.8	3.9	37.2	76.7	128.0	76.3	76.5	128.0
1313	6.0	32.8	33.6	34.8	34.9	35.4	1.29	1.32	1.31	40.18	40.03	254.0	0.	40.3	4.2	39.7	76.2	148.2	75.6	75.9	148.0
1314	6.0	32.6	33.0	34.8	34.7	35.3	1.13	1.15	1.11	36.76	35.96	256.2	0.	36.5	3.7	35.7	77.6	157.5	77.5	77.8	157.0
1315	6.0	32.5	32.7	34.8	34.8	35.4	1.01	1.00	1.00	32.42	32.05	256.0	0.	32.4	3.1	32.1	77.5	166.5	76.6	77.4	166.5
1316	6.0	32.2	32.3	34.8	34.7	35.4	0.92	0.92	0.90	29.56	29.06	257.7	0.	29.6	2.5	29.0	77.0	174.4	76.9	76.9	174.1
1317	6.0	32.2	32.8	34.7	34.8	35.3	0.85	0.81	0.84	27.21	26.77	259.0	0.	27.4	1.5	26.7	77.0	182.0	76.7	76.9	181.9
1318	6.0	31.2	32.6	34.7	34.7	35.3	0.81	0.80	0.83	25.44	25.00	259.4	0.	25.6	0.0	25.1	77.0	189.0	76.6	76.9	188.9
1319	6.0	32.3	31.6	34.7	34.7	35.4	0.77	0.79	0.79	23.18	22.75	260.4	0.	23.4	0.0	22.8	76.7	200.5	76.1	76.4	200.5
1320	6.0	32.4	32.5	34.9	34.9	35.7	0.78	0.77	0.82	21.94	21.41	259.7	0.	21.6	0.0	21.3	76.5	207.5	76.2	76.4	207.5
1321	6.0	32.2	31.7	34.9	34.9	35.5	0.83	0.86	0.89	21.32	20.94	260.7	0.	21.7	0.0	21.2	76.3	210.2	75.7	75.9	210.0
1322	6.0	32.2	31.8	34.9	34.9	35.6	0.91	0.79	0.89	21.38	21.03	259.3	0.	21.3	0.0	20.9	76.5	210.5	76.1	76.3	210.5
1323	6.0	32.3	32.2	34.7	34.8	35.4	0.78	0.80	0.79	22.74	22.11	259.9	0.	22.5	0.0	22.2	77.9	205.5	77.5	77.9	205.0
1324	6.0	31.8	30.9	34.3	34.7	35.1	0.75	0.79	0.79	22.52	22.11	259.9	0.	22.4	0.0	22.1	76.5	203.5	75.8	76.4	203.5
1325	6.0	32.9	33.6	35.0	15.7	35.8	0.96	0.90	1.82	20.83	20.30	260.5	0.	21.3	0.0	20.9	77.3	215.3	77.1	76.9	215.0
1326	6.0	31.4	32.4	34.4	34.7	35.2	0.79	0.80	0.79	24.22	23.90	259.1	0.	24.3	0.0	23.8	76.6	195.1	75.7	76.5	194.7
1327	6.0	32.0	32.9	34.5	34.7	35.4	1.07	1.06	1.09	34.29	33.84	256.9	0.	34.0	0.0	33.6	76.5	160.5	75.5	76.4	160.5
1328	6.0	32.6	33.4	34.5	34.7	35.5	1.25	1.27	1.26	38.33	38.18	255.9	0.	38.5	0.0	37.9	77.0	151.6	76.1	77.0	151.4
1329	6.0	32.8	33.5	34.8	34.9	35.4	1.29	1.32	1.29	36.84	36.53	255.8	0.	39.0	0.0	38.2	121.6	171.5	121.2	121.4	171.5
1330	6.0	32.7	33.1	34.8	34.8	35.4	1.10	1.13	1.11	35.35	35.07	255.9	0.	35.5	0.0	34.7	121.3	176.1	120.6	120.9	176.0
1331	6.0	32.2	32.4	34.5	34.7	35.0	0.96	0.97	0.98	32.08	31.67	257.1	0.	32.3	0.0	31.6	121.0	181.0	120.2	120.9	180.9
1332	6.0	32.2	32.4	34.6	34.7	35.3	0.86	0.88	0.88	29.84	29.37	258.3	0.	29.8	0.0	29.3	120.8	185.0	120.1	120.4	185.0
1333	6.0	32.1	32.3	34.7	34.8	35.3	0.81	0.82	0.81	27.80	27.27	259.5	0.	27.8	0.0	27.4	121.4	191.1	120.8	121.3	191.0
1334	6.0	32.2	32.4	34.8	34.7	35.3	0.76	0.75	0.77	26.36	25.89	259.6	0.	26.4	0.0	26.0	121.4	195.0	120.9	121.4	195.0
1335	6.0	32.2	32.2	34.5	34.7	35.2	0.74	0.74	0.75	25.08	24.65	259.4	0.	25.2	0.0	24.6	121.9	199.1	121.3	121.7	199.0
1336	6.0	31.8	31.6	34.6	34.7	35.3	0.69	0.68	0.72	23.15	22.70	261.1	0.	23.1	0.0	22.8	121.3	204.5	120.7	121.0	204.5
1337	6.0	32.1	31.9	34.7	34.7	35.4	0.66	0.65	0.68	21.84	21.36	259.6	0.	21.8	0.0	21.6	121.7	210.5	121.0	121.4	210.0
1338	6.0	32.1	31.9	34.9	34.9	35.5	0.66	0.65	0.66	20.56	20.15	261.5	0.	20.4	0.0	20.3	121.2	215.2	120.7	120.9	215.0
1339	6.0	32.1	31.9	34.8	34.8	35.5	0.63	0.65	0.65	19.98	19.61	261.0	0.	20.1	0.0	19.7	121.4	217.5	120.4	121.3	217.5
1340	6.0	31.9	31.8	34.5	34.8	35.3	0.73	0.70	0.70	19.38	19.01	262.3	0.	19.4	0.0	19.2	121.5	220.5	120.8	121.4	220.4
1341	6.0	32.6	32.2	35.1	35.1	35.8	0.78	0.76	0.00	18.41	18.02	262.2	0.	18.5	0.0	18.1	121.0	225.0	120.3	120.9	225.0
1342	6.0	31.7	31.6	34.5	34.7	35.2	0.65	0.64	0.67	21.37	20.98	261.9	0.	21.5	0.0	20.9	120.1	210.0	119.4	120.1	210.0
1343	6.0	32.5	32.9	34.7	34.8	35.5	1.03	1.06	1.07	33.80	33.42	257.7	0.	33.7	0.0	33.2	120.0	177.5	119.4	119.9	177.0
1344	6.0	33.2	34.1	34.8	34.7	35.7	1.62	1.64	1.61	42.03	41.73	254.2	0.	42.9	0.0	41.3	121.4	190.6	119.6	121.2	190.5
1345	6.0	33.0	33.7	34.8	34.8	35.6	1.46	1.50	1.48	38.89	38.55	255.9	0.	39.5	0.0	38.3	121.1	195.0	119.4	120.9	195.0
1346	6.0	34.4	33.9	34.5	34.7	35.4	1.35	1.35	1.37	35.62	35.26	256.8	0.	36.3	0.0	35.0	121.0	202.0	119.0	120.9	202.0
1347	6.0	32.7	33.0	34.7	34.7	35.4	1.26	1.29	1.29	33.12	32.74	256.3	0.	33.9	0.0	32.7	121.5	208.3	118.8	121.4	208.0
1348	6.0	32.8	33.0	34.8	15.7	35.7	1.30	1.30	44.49	30.33	29.93	258.1	0.	31.0	0.0	29.6	121.4	217.0	120.6	121.4	217.0
1349	6.0	32.8	33.0	34.6	34.7	35.5	1.31	1.33	1.41	29.93	29.51	257.2	0.	30.5	0.0	29.6	121.0	218.5	122.4	120.9	218.3
1350	6.0	32.5	32.5	34.7	34.7	35.6	1.32	1.31	1.54	29.16	28.81	257.7	0.	30.0	0.0	28.7	121.8	220.5	121.0	121.7	220.5
1351	6.0	32.7	32.7	34.6	34.7	35.3	1.42	1.31	1.41	29.16	28.73	259.1	0.	29.7	0.0	28.5	120.5	219.0	118.8	120.4	219.0
1352	6.0	32.7	33.0	34.6	34.9	35.4	1.25	1.24	1.28	31.28	30.78	257.6	0.	31.7	0.0	30.7	121.2	213.9	122.1	120.9	213.5
1353	6.0	33.0	33.1	34.8	34.8	35.6	1.33	1.27	1.31	32.62	31.97	257.6	0.	33.1	0.0	31.9	121.0	210.5	123.4	120.9	210.2
1354	6.0	32.8	33.1	34.7	34.7	35.3	1.30	1.27	1.32	32.28	31.84	258.5	0.	33.0	0.0	31.9	120.7	210.0	119.1	120.4	209.5

SRL Single Tube Flow Instability Test # 6.0
Inconel ID = 1.120

1	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	PPO1	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
	PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
1305	90.	23.7	367.1	361.9	388.8	397.0	399.3	396.2	398.8	403.0	404.2	407.5	397.0	399.3	408.4	411.6	403.4	399.6	403.9	407.1
1306	90.	23.4	382.8	378.6	392.0	400.1	404.6	400.8	402.0	407.3	408.5	410.5	400.0	401.3	410.3	414.1	405.4	401.9	405.3	409.4
1307	90.	23.2	386.9	386.0	393.3	401.8	405.8	402.1	402.7	408.3	408.8	411.0	400.1	401.8	410.3	414.4	405.2	401.9	405.3	409.1
1308	90.	23.4	388.5	387.9	394.3	402.8	406.1	402.3	402.9	408.3	408.9	410.8	400.3	401.3	410.1	414.1	405.1	401.7	405.1	409.0
1309	90.	23.0	378.7	372.4	390.4	398.9	401.9	398.7	399.7	405.2	405.5	409.3	398.8	400.2	409.7	413.2	404.6	400.8	404.9	408.4
1310	89.	23.0	368.1	362.7	389.2	397.2	398.4	396.1	399.4	403.1	404.2	407.4	397.8	400.0	408.5	411.7	404.3	399.7	404.3	407.1
1311	88.	22.9	356.5	348.8	377.0	386.3	390.3	389.4	392.6	394.0	395.4	397.8	391.4	394.4	401.1	403.5	398.8	392.7	399.1	399.4
1312	85.	19.7	320.6	316.2	329.6	341.2	343.1	342.1	346.5	349.1	353.3	352.6	341.2	346.3	358.7	357.8	351.3	346.7	358.4	356.0
1313	84.	19.1	415.3	411.1	422.4	439.8	441.8	438.0	441.1	445.3	450.4	450.9	431.8	437.9	455.8	457.2	444.2	439.9	449.4	452.2
1314	85.	19.8	424.7	420.5	436.1	450.8	452.2	447.6	448.0	453.2	455.0	456.8	440.4	445.5	459.8	461.8	450.8	445.9	455.5	456.7
1315	87.	20.9	432.5	426.7	441.6	454.0	452.0	449.4	452.1	455.8	457.4	460.0	445.6	450.0	462.5	465.4	455.2	449.7	458.5	460.5
1316	88.	21.5	439.7	432.0	444.0	456.4	454.7	451.4	453.7	458.4	459.7	463.1	448.5	452.6	465.1	468.3	457.6	452.7	460.3	463.0
1317	88.	21.7	445.2	440.0	445.9	458.2	457.1	453.8	455.7	460.3	461.9	465.7	451.0	454.8	466.5	470.5	459.7	454.8	461.4	464.7
1318	88.	21.9	450.5	447.4	449.1	461.2	460.4	457.3	458.2	463.4	463.9	468.2	453.8	457.0	468.2	472.4	461.5	456.6	462.7	465.6
1319	89.	22.3	451.8	448.1	451.4	463.3	463.6	459.4	459.4	465.5	465.1	469.5	454.6	457.8	469.0	473.7	462.2	457.4	463.6	466.9
1320	89.	22.7	452.6	449.0	453.7	464.0	464.9	461.0	460.6	466.3	464.7	469.5	455.4	458.8	468.7	473.5	462.5	457.3	463.0	466.2
1321	89.	22.5	454.0	450.3	454.7	465.6	465.8	461.5	460.9	466.8	465.3	470.0	455.9	459.2	469.0	473.3	462.8	457.7	463.5	466.4
1322	90.	22.7	454.6	450.5	455.5	465.8	466.2	462.1	461.4	467.2	465.5	470.3	456.5	459.0	469.4	474.0	463.0	457.8	463.6	466.7
1323	89.	22.3	453.7	449.6	454.5	464.8	465.8	462.1	461.6	466.7	465.7	469.9	456.2	459.9	469.5	473.8	463.3	458.1	463.7	466.7
1324	89.	21.9	453.0	448.8	453.5	464.3	464.8	460.8	460.6	466.6	464.7	469.3	456.2	459.2	468.9	473.5	463.0	457.7	463.3	466.0
1325	89.	22.7	454.7	450.6	455.5	466.3	466.3	462.3	461.5	466.8	464.8	469.5	456.4	459.6	468.8	473.7	463.2	457.6	463.6	466.0
1326	88.	21.7	451.2	446.8	451.3	462.8	463.3	460.2	460.5	465.5	464.9	469.2	456.2	459.4	469.5	473.6	463.5	458.1	463.7	466.4
1327	86.	20.2	435.6	428.5	440.2	452.4	451.6	450.1	452.1	453.6	455.5	458.3	447.8	452.7	462.0	464.3	457.0	450.4	459.0	458.3
1328	85.	19.2	422.7	415.1	431.6	444.3	444.5	443.2	445.9	447.1	449.1	450.7	441.6	446.5	455.5	456.9	451.4	442.9	452.7	450.4
1329	84.	19.5	343.1	339.1	356.1	367.6	370.8	368.8	374.0	376.7	380.5	380.8	368.7	373.3	386.6	386.6	379.3	374.4	384.3	384.3
1330	86.	20.4	348.6	344.4	362.7	374.4	378.2	376.2	381.5	383.7	387.3	388.6	375.6	379.8	392.6	393.9	385.6	380.9	390.0	391.2
1331	86.	20.7	353.4	349.1	370.1	382.2	385.5	385.1	388.1	390.1	392.1	393.6	383.4	387.2	397.6	398.8	392.4	387.6	394.4	395.8
1332	87.	21.2	356.4	353.0	375.2	385.2	389.7	389.3	391.0	393.2	394.4	397.3	386.7	389.7	400.2	402.6	395.3	391.0	397.5	399.2
1333	87.	21.7	363.4	359.7	383.5	393.2	396.1	394.9	395.6	398.8	400.2	403.0	391.7	394.3	406.2	408.5	400.1	396.4	402.7	405.4
1334	88.	21.9	368.5	364.7	387.3	396.6	398.3	395.3	397.7	401.2	402.5	405.6	394.8	397.0	408.0	410.5	402.3	398.8	404.4	407.6
1335	88.	22.1	373.7	367.8	388.3	398.1	399.0	397.5	399.3	403.1	404.1	407.6	397.8	399.3	409.6	412.4	404.4	400.6	406.0	408.8
1336	88.	22.4	375.3	370.2	391.2	399.5	401.4	398.6	401.0	405.9	406.2	409.7	398.9	400.6	410.6	413.8	405.3	401.9	406.7	410.1
1337	88.	22.6	380.2	373.9	392.6	401.7	403.5	400.1	402.2	407.2	407.3	411.1	399.9	401.7	411.5	415.0	405.7	402.7	407.3	411.0
1338	89.	22.7	386.6	382.4	394.9	402.8	405.7	402.7	403.6	409.3	408.6	412.5	401.5	402.5	412.2	415.9	406.9	403.5	407.9	411.9
1339	89.	22.4	386.6	381.9	395.0	402.9	406.4	403.0	403.9	409.2	408.2	412.2	402.0	403.0	412.0	415.7	407.1	403.6	407.4	411.4
1340	89.	22.2	388.1	384.1	395.9	403.6	406.8	403.6	403.7	409.5	407.7	412.1	401.9	402.8	411.6	415.5	406.6	403.0	407.1	410.7
1341	89.	22.5	391.5	389.1	397.2	405.4	407.7	404.1	403.9	409.4	408.0	412.2	401.9	402.6	411.7	415.3	406.4	403.1	407.2	410.8
1342	89.	22.1	378.8	371.4	392.6	400.2	403.1	401.4	402.4	407.5	407.0	411.2	400.9	401.9	411.3	414.5	406.0	402.9	406.9	410.2
1343	86.	20.6	354.5	348.1	372.4	380.0	384.4	384.9	389.3	390.3	391.3	393.3	388.2	391.5	397.6	398.5	395.8	388.7	395.0	393.8
1344	83.	18.8	434.2	428.6	441.1	454.1	453.3	450.6	451.8	456.4	458.1	461.4	446.9	450.7	464.7	467.3	456.2	451.4	460.5	462.4
1345	84.	19.4	438.3	431.5	443.3	456.0	455.3	452.8	454.2	458.2	459.9	463.5	449.8	453.3	465.9	469.2	458.7	453.3	461.1	463.6
1346	85.	19.8	444.0	439.3	447.3	459.1	459.1	456.1	457.0	461.8	462.4	466.4	452.8	455.8	467.2	471.1	460.5	455.5	462.2	465.2
1347	86.	20.5	447.0	443.4	448.8	460.9	460.9	457.6	457.5	463.3	462.8	467.1	453.0	456.1	467.3	471.8	460.6	455.8	462.2	465.3
1348	87.	21.1	451.9	449.1	453.6	465.9	465.4	461.0	460.2	466.0	465.0	469.7	455.1	457.5	469.1	473.7	462.1	457.0	463.6	467.0
1349	87.	21.1	453.3	449.5	455.4	466.1	466.5	462.9	461.7	467.1	466.0	470.4	456.6	459.7	469.7	474.5	463.5	458.3	464.4	466.9
1350	87.	21.2	453.5	448.8	455.0	466.1	465.9	462.0	460.7	466.5	465.1	469.3	456.1	458.9	468.7	473.4	462.2	457.3	463.3	466.3
1351	87.	21.1	453.0	449.1	454.8	465.6	465.8	462.2	460.7	466.0	464.5	469.3	455.6	458.2	468.2	472.9	462.3	457.2	463.1	465.7
1352	87.	20.9	451.7	447.4	453.3	465.1	464.9	461.3	460.2	465.7	464.9	469.3	455.8	458.8	468.6	473.4	462.2	457.5	463.8	466.0
1353	86.	20.7	450.4	446.2	452.3	464.0	464.3	461.1	461.0	466.2	465.3	469.6	456.6	459.2	469.7	474.2	463.6	458.1	464.2	467.1
1354	86.	20.5	449.7	445.5	451.5	462.6	463.7	460.5	460.3	465.5	464.7	469.0	456.2	459.2	469.0	473.4	463.3	457.5	463.9	466.3

SRL Single Tube Flow Instability Test # 6.0
Inconel ID = 1.120"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VLTB	CURRT	HRATIO	DPSTD1	TKW01N	VL	HL	YEAR	DAY	MIN											
	HFLX	VLTT	QUALITY	DPP1	TKW07S	DPSTD3	ID	DPL	MONTH	HRS	RUN											
1305	271.8	0.398	68.2	67.9	4005	-7.5	100.2	67.0	0.0	416.9	426.3	0.0	95.5	1.120	96.0	100.5	1989	3	21	15	53	1305
1306	271.8	0.398	68.2	67.9	4003	-5.5	100.2	67.0	0.0	419.5	427.2	0.0	95.5	1.120	96.0	100.5	1989	3	21	15	58	1306
1307	271.4	0.397	68.2	67.8	4000	-4.8	100.1	67.2	0.0	419.0	426.7	0.0	95.5	1.120	96.0	100.5	1989	3	21	16	2	1307
1308	270.9	0.396	68.1	67.8	3997	-4.2	99.7	67.0	0.0	419.7	426.8	0.0	95.5	1.120	96.0	100.5	1989	3	21	16	4	1308
1309	271.9	0.398	68.2	67.9	4004	-6.5	100.3	67.0	0.0	419.2	427.5	0.0	95.5	1.120	96.0	100.5	1989	3	21	16	8	1309
1310	274.6	0.402	68.5	68.2	4024	-7.9	100.0	67.0	0.0	417.3	426.2	0.0	95.5	1.120	96.0	100.5	1989	3	21	16	11	1310
1311	272.4	0.398	68.2	67.9	4009	-10.3	100.7	66.3	0.0	406.4	418.3	0.0	95.5	1.120	96.0	100.5	1989	3	21	16	15	1311
1312	274.3	0.401	68.4	68.1	4025	-14.1	102.2	65.9	0.0	366.2	377.1	0.0	95.5	1.120	96.0	100.5	1989	3	22	10	42	1312
1313	410.7	0.601	84.0	83.5	4916	-12.0	102.0	65.7	0.0	468.0	479.7	0.0	95.5	1.120	96.0	100.5	1989	3	22	10	52	1313
1314	410.1	0.600	84.0	83.5	4912	-11.0	101.7	66.0	0.0	470.3	482.9	0.0	95.5	1.120	96.0	100.5	1989	3	22	11	2	1314
1315	409.6	0.599	83.9	83.5	4908	-10.0	101.3	66.5	0.0	472.6	486.4	0.0	95.5	1.120	96.0	100.5	1989	3	22	11	5	1315
1316	407.8	0.596	83.7	83.3	4898	-9.2	101.0	66.7	0.0	476.6	489.1	0.0	95.5	1.120	96.0	100.5	1989	3	22	11	8	1316
1317	406.9	0.595	83.6	83.2	4890	-8.3	100.5	66.8	0.0	477.3	489.8	0.0	95.5	1.120	96.0	100.5	1989	3	22	11	11	1317
1318	407.8	0.596	83.6	83.3	4895	-7.5	100.1	66.8	0.0	478.7	491.4	0.0	95.5	1.120	96.0	100.5	1989	3	22	11	17	1318
1319	411.0	0.601	84.0	83.6	4917	-6.2	99.8	67.1	0.0	481.1	492.5	0.0	95.5	1.120	96.0	100.5	1989	3	22	11	20	1319
1320	408.7	0.598	83.8	83.4	4902	-5.5	99.9	67.4	0.0	480.3	491.2	0.0	95.5	1.120	96.0	100.5	1989	3	22	11	23	1320
1321	409.5	0.599	83.9	83.5	4906	-5.2	99.8	67.3	0.0	480.9	491.5	0.0	95.5	1.120	96.0	100.5	1989	3	22	11	26	1321
1322	410.1	0.600	83.9	83.5	4911	-5.2	100.1	67.4	0.0	481.2	491.8	0.0	95.5	1.120	96.0	100.5	1989	3	22	11	28	1322
1323	409.9	0.600	83.9	83.5	4910	-5.8	100.2	67.3	0.0	480.8	491.8	0.0	95.5	1.120	96.0	100.5	1989	3	22	11	31	1323
1324	409.1	0.598	83.8	83.4	4904	-5.8	99.9	67.2	0.0	479.8	491.2	0.0	95.5	1.120	96.0	100.5	1989	3	22	11	38	1324
1325	408.9	0.598	83.8	83.4	4904	-4.7	99.9	67.3	0.0	480.1	490.6	0.0	95.5	1.120	96.0	100.5	1989	3	22	11	44	1325
1326	410.5	0.600	84.0	83.5	4914	-6.8	100.4	67.0	0.0	481.4	492.1	0.0	95.5	1.120	96.0	100.5	1989	3	22	11	46	1326
1327	407.7	0.596	83.7	83.2	4898	-10.6	101.4	65.9	0.0	470.2	481.2	0.0	95.5	1.120	96.0	100.5	1989	3	22	11	50	1327
1328	407.1	0.595	83.5	83.2	4897	-11.6	101.8	65.7	0.0	461.8	474.2	0.0	95.5	1.120	96.0	100.5	1989	3	22	11	53	1328
1329	273.5	0.400	68.4	68.0	4019	-9.4	101.4	65.3	0.0	393.9	404.1	0.0	95.5	1.120	96.0	100.5	1989	3	22	13	39	1329
1330	273.8	0.401	68.5	68.1	4021	-9.0	101.2	65.7	0.0	400.6	412.4	0.0	95.5	1.120	96.0	100.5	1989	3	22	13	44	1330
1331	271.3	0.397	68.2	67.8	4003	-8.4	101.0	65.9	0.0	405.3	415.4	0.0	95.5	1.120	96.0	100.5	1989	3	22	13	52	1331
1332	270.8	0.396	68.1	67.7	3997	-7.9	100.5	66.2	0.0	408.3	418.6	0.0	95.5	1.120	96.0	100.5	1989	3	22	13	56	1332
1333	274.9	0.402	68.6	68.3	4026	-7.3	99.9	66.2	0.0	415.9	426.4	0.0	95.5	1.120	96.0	100.5	1989	3	22	14	0	1333
1334	274.5	0.401	68.6	68.2	4023	-6.8	100.2	66.6	0.0	417.3	426.1	0.0	95.5	1.120	96.0	100.5	1989	3	22	14	3	1334
1335	275.0	0.402	68.6	68.3	4026	-6.4	100.1	66.5	0.0	418.7	428.1	0.0	95.5	1.120	96.0	100.5	1989	3	22	14	15	1335
1336	274.0	0.401	68.5	68.2	4020	-5.8	99.6	66.7	0.0	420.5	428.9	0.0	95.5	1.120	96.0	100.5	1989	3	22	14	17	1336
1337	274.5	0.401	68.5	68.2	4023	-5.2	99.9	66.8	0.0	421.6	430.3	0.0	95.5	1.120	96.0	100.5	1989	3	22	14	19	1337
1338	275.1	0.402	68.7	68.3	4026	-4.7	99.6	66.8	0.0	422.3	430.8	0.0	95.5	1.120	96.0	100.5	1989	3	22	14	22	1338
1339	272.9	0.399	68.4	68.0	4011	-4.4	99.8	67.1	0.0	421.3	429.6	0.0	95.5	1.120	96.0	100.5	1989	3	22	14	32	1339
1340	273.0	0.399	68.4	68.0	4013	-4.0	99.6	67.0	0.0	421.5	428.6	0.0	95.5	1.120	96.0	100.5	1989	3	22	14	36	1340
1341	272.3	0.398	68.3	68.0	4006	-3.7	99.6	66.9	0.0	421.7	428.8	0.0	95.5	1.120	96.0	100.5	1989	3	22	14	38	1341
1342	273.2	0.400	68.4	68.1	4014	-5.2	99.8	66.7	0.0	420.0	428.9	0.0	95.5	1.120	96.0	100.5	1989	3	22	14	43	1342
1343	272.7	0.399	68.4	67.9	4013	-8.8	101.6	65.8	0.0	400.1	410.8	0.0	95.5	1.120	96.0	100.5	1989	3	22	14	48	1343
1344	411.7	0.602	84.1	83.7	4921	-7.4	101.2	65.1	0.0	476.0	489.1	0.0	95.5	1.120	96.0	100.5	1989	3	22	14	57	1344
1345	408.0	0.597	83.7	83.3	4901	-6.9	100.8	65.2	0.0	476.7	489.1	0.0	95.5	1.120	96.0	100.5	1989	3	22	15	0	1345
1346	408.9	0.598	83.8	83.4	4904	-6.1	100.9	65.7	0.0	479.2	490.7	0.0	95.5	1.120	96.0	100.5	1989	3	22	15	4	1346
1347	408.1	0.597	83.7	83.3	4900	-5.5	100.6	66.0	0.0	480.3	491.5	0.0	95.5	1.120	96.0	100.5	1989	3	22	15	6	1347
1348	413.3	0.605	84.3	83.8	4931	-4.5	100.0	66.2	0.0	482.1	493.4	0.0	95.5	1.120	96.0	100.5	1989	3	22	15	9	1348
1349	412.9	0.604	84.2	83.8	4928	-4.4	100.8	66.3	0.0	482.0	492.4	0.0	95.5	1.120	96.0	100.5	1989	3	22	15	12	1349
1350	409.8	0.599	83.9	83.5	4909	-4.2	100.3	66.3	0.0	480.6	491.5	0.0	95.5	1.120	96.0	100.5	1989	3	22	15	15	1350
1351	408.7	0.598	83.8	83.4	4904	-4.3	100.1	66.4	0.0	480.5	491.5	0.0	95.5	1.120	96.0	100.5	1989	3	22	15	17	1351
1352	409.0	0.598	83.8	83.4	4906	-4.9	100.9	66.1	0.0	480.9	491.7	0.0	95.5	1.120	96.0	100.5	1989	3	22	15	21	1352
1353	410.4	0.600	84.0	83.5	4915	-5.3	100.7	65.9	0.0	480.9	492.8	0.0	95.5	1.120	96.0	100.5	1989	3	22	15	24	1353
1354	408.9	0.598	83.8	83.4	4906	-5.3	100.5	65.9	0.0	480.6	491.8	0.0	95.5	1.120	96.0	100.5	1989	3	22	15	29	1354

SRL Single Tube Flow Instability Test # 6.0

Inconel ID = 1.120"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
RUN	PT11	PTO1	PTO3	DPT2	FT11	FBI1	FMO1	OT11	TRTO1	TRT12											
TEST	PT12	PTO2	DPT1	DPT3	FT12	FXO2	FMO2	TRT11	TJT11	TRT02											
1355	6.0	32.7	33.1	34.8	34.8	35.5	1.32	1.31	1.33	34.57	34.21	258.0	0.	35.2	0.0	33.9	121.0	204.5	118.8	120.8	204.0
1356	6.0	32.8	33.3	34.8	34.8	35.6	1.42	1.43	1.42	37.43	36.77	256.4	0.	38.0	0.0	36.5	121.0	200.0	120.7	120.9	199.5
1357	6.0	32.2	32.7	34.8	34.7	35.2	1.14	1.15	1.14	32.29	31.82	256.7	0.	31.8	3.3	31.8	76.7	76.9	92.9	76.4	77.0
1358	6.0	32.4	32.6	34.9	34.7	35.2	1.02	1.00	1.01	32.28	31.84	256.7	0.	32.3	2.9	31.8	77.0	167.5	78.3	76.9	167.1
1359	6.0	33.2	34.6	34.9	34.8	35.3	1.94	1.95	1.93	48.60	48.52	251.5	0.	48.9	5.4	47.6	77.1	157.0	76.6	76.9	157.0
1360	6.0	32.7	33.9	34.6	34.6	35.1	1.77	1.77	1.74	44.95	44.84	252.5	0.	45.3	4.8	44.2	76.5	162.5	75.8	76.4	162.0
1361	6.0	32.4	33.3	34.6	34.6	35.0	1.63	1.60	1.62	42.68	41.95	252.8	0.	42.6	4.6	41.4	76.7	167.5	74.1	76.4	167.3
1362	6.0	32.8	33.6	34.8	34.7	35.2	1.52	1.51	1.51	39.46	38.88	254.6	0.	39.7	4.2	38.6	77.5	175.5	77.0	77.4	175.5
1363	6.0	32.5	33.1	34.8	34.6	35.0	1.45	1.39	1.49	36.47	35.83	255.4	0.	36.5	3.9	35.4	77.0	183.0	76.8	76.9	183.0
1364	6.0	32.4	32.1	34.7	34.7	35.2	1.46	1.34	1.46	34.23	33.81	255.2	0.	34.7	3.2	33.5	77.5	189.5	76.3	77.4	189.5
1365	6.0	32.9	32.8	34.9	34.8	35.3	1.44	1.28	1.42	32.19	31.78	256.3	0.	32.6	0.0	31.4	77.5	197.1	76.6	77.4	197.0
1366	6.0	32.8	32.2	34.9	34.7	35.2	1.43	1.29	1.43	31.20	30.74	254.1	0.	31.5	0.0	30.8	77.5	200.7	77.5	77.4	200.5
1367	6.0	32.2	32.3	34.7	34.7	35.1	1.46	1.33	1.44	30.46	29.97	258.1	0.	31.0	0.0	30.0	77.0	202.5	75.5	76.9	202.4
1368	6.0	33.1	32.5	35.1	34.8	34.9	1.55	1.27	1.54	29.86	29.39	257.1	0.	30.1	0.0	29.3	77.5	207.0	76.7	77.4	207.0
1369	6.0	32.7	33.1	35.0	34.8	34.9	1.78	1.47	1.63	29.10	28.70	257.6	0.	30.2	0.0	28.5	77.9	209.2	77.0	77.8	209.0
1370	6.0	32.2	33.1	35.0	34.8	35.3	1.33	1.27	1.33	32.39	31.34	256.2	0.	32.5	0.1	31.3	76.9	197.7	76.0	76.4	197.5
1371	6.0	32.5	32.9	34.9	34.7	35.4	1.37	1.29	1.38	33.37	32.93	256.6	0.	34.0	0.0	32.7	77.4	191.7	77.4	77.3	191.5
1372	6.0	32.4	33.2	34.8	34.7	35.4	1.49	1.36	1.47	34.77	34.42	255.7	0.	35.4	0.0	34.2	77.4	187.9	76.6	77.4	187.5
1373	6.0	32.7	33.3	34.8	34.7	35.4	1.54	1.43	1.54	37.27	36.91	255.4	0.	37.7	0.0	36.5	76.4	179.4	76.0	76.4	179.0
1374	6.0	32.5	33.4	34.6	34.7	35.2	1.52	1.51	1.55	40.66	39.76	255.4	0.	40.5	0.0	39.5	77.0	172.8	76.1	76.9	172.5
1375	6.0	32.8	32.8	34.6	34.7	35.3	1.29	1.31	1.30	32.68	31.81	256.7	0.	32.9	0.0	31.6	77.4	196.5	76.9	77.4	196.0
1376	6.0	33.5	32.4	34.7	34.7	35.4	1.34	1.35	1.34	35.02	34.21	255.8	0.	35.3	0.0	33.9	77.0	188.2	76.9	76.9	188.0
1377	6.0	33.0	32.9	35.1	34.8	35.7	1.40	1.42	1.41	36.88	36.19	254.7	0.	37.3	0.0	35.9	77.8	183.0	78.3	77.4	182.5
1378	6.0	33.4	34.5	34.9	34.8	35.3	2.24	2.26	2.26	48.78	48.59	251.3	0.	49.6	1.5	47.7	121.1	200.8	119.8	120.9	200.5
1379	6.0	33.5	34.0	34.8	34.7	35.1	2.24	2.17	2.25	45.43	45.38	252.6	0.	46.7	0.0	44.7	121.0	206.5	120.0	120.8	206.4
1380	6.0	32.1	32.5	34.8	34.8	35.2	1.05	1.09	1.02	32.69	31.79	257.8	0.	32.4	0.0	31.7	77.1	167.5	76.7	76.9	167.0
1381	6.0	32.0	32.4	34.7	34.7	35.1	1.01	1.09	1.02	32.62	31.83	257.1	0.	32.3	0.0	31.8	77.3	166.1	77.5	76.9	166.0
1382	6.0	32.7	34.2	34.6	34.6	35.1	1.82	1.90	1.81	48.69	48.44	253.2	0.	48.7	1.3	47.8	76.7	136.5	77.0	76.9	136.5
1383	6.0	31.9	32.4	34.7	34.7	35.0	1.04	1.08	1.02	32.49	31.88	256.7	0.	32.3	0.0	31.8	76.1	165.5	76.0	75.9	165.5
1384	6.0	32.9	34.3	34.8	34.8	35.0	1.97	2.07	1.92	49.17	48.55	250.9	0.	50.3	0.0	47.6	77.0	156.5	76.7	76.9	156.0
1385	6.0	32.7	33.7	34.7	34.7	35.1	1.75	1.81	1.73	45.31	43.92	254.3	0.	45.4	0.0	43.4	77.6	164.5	78.0	77.4	164.5
1386	6.0	32.5	33.4	34.6	34.7	35.1	1.60	1.65	1.59	41.65	40.72	254.4	0.	41.9	0.0	40.2	77.1	171.0	76.6	76.9	170.5
1387	6.0	32.5	33.3	34.8	34.7	35.1	1.45	1.46	1.45	38.05	36.84	256.3	0.	37.7	0.0	36.6	76.5	179.7	77.3	76.4	179.5
1388	6.0	32.5	32.8	34.8	34.8	35.3	1.37	1.42	1.37	35.38	34.41	256.7	0.	35.3	0.0	34.1	77.5	187.5	76.1	77.4	187.4
1389	6.0	32.1	32.5	34.6	34.7	34.9	1.48	1.40	1.46	34.45	32.81	256.8	0.	33.9	0.0	32.6	77.5	193.0	78.0	77.4	192.7
1390	6.0	32.7	33.0	34.6	34.7	35.1	1.43	1.37	1.46	32.55	31.46	257.9	0.	32.8	0.0	31.4	76.8	196.5	77.1	76.9	196.4
1391	6.0	32.3	32.7	34.9	34.8	35.0	1.47	1.32	1.46	32.41	30.99	257.0	0.	32.4	0.0	30.9	77.3	198.5	76.4	77.0	198.5
1392	6.0	32.5	32.6	34.7	34.7	35.1	1.47	1.35	1.54	31.84	30.03	257.6	0.	31.1	0.0	29.9	77.3	203.1	77.2	77.0	203.0
1393	6.0	32.0	32.3	34.1	34.7	34.3	1.69	1.42	1.63	31.24	29.52	258.2	0.	31.7	0.0	29.4	77.2	205.5	77.3	76.9	205.5
1394	6.0	32.1	32.7	34.8	34.7	35.1	1.46	1.34	1.44	34.08	32.15	258.1	0.	33.5	0.0	32.0	77.4	194.5	77.6	77.4	194.4
1395	6.0	32.3	32.7	34.6	34.7	35.1	1.49	1.42	1.46	35.55	34.60	255.5	0.	35.5	0.0	34.2	77.5	187.5	77.1	77.4	187.5
1396	6.0	32.4	32.4	34.7	34.7	35.2	1.33	1.34	1.32	33.60	32.52	257.5	0.	34.0	0.0	32.3	76.5	192.0	76.9	76.4	192.0
1397	6.0	32.2	32.6	34.6	34.6	35.0	1.39	1.31	1.36	32.25	31.16	256.7	0.	32.2	0.0	30.8	76.4	196.8	75.7	76.4	196.5
1398	6.0	33.1	34.6	34.9	34.8	35.3	1.95	2.02	1.94	49.04	48.34	252.0	0.	49.0	1.8	47.4	76.5	156.0	76.1	76.4	156.0
1399	6.0	33.4	34.8	34.7	34.7	35.4	2.25	2.35	2.25	48.79	48.69	252.3	0.	49.8	0.0	48.0	120.6	199.5	120.7	120.7	199.5
1400	6.0	33.5	34.4	34.8	34.7	35.2	2.13	2.20	2.12	46.17	45.51	253.3	0.	47.0	0.0	44.8	121.0	205.5	120.5	120.9	205.5
1401	6.0	33.1	34.1	34.8	34.7	35.3	2.06	2.14	2.07	44.16	43.71	254.6	0.	45.2	0.0	43.1	121.0	208.6	120.5	120.9	208.5
1402	6.0	33.4	34.4	34.9	34.8	34.9	2.14	2.18	2.20	41.98	41.68	255.0	0.	43.3	0.0	41.1	121.5	213.6	120.8	121.4	213.5
1403	6.0	33.2	33.5	34.8	34.7	34.7	2.25	2.25	2.23	40.90	40.62	255.6	0.	41.9	0.0	40.1	121.0	215.0	121.0	120.9	214.7
1404	6.0	32.9	33.4	34.5	34.7	34.4	2.68	2.42	2.41	39.90	39.55	255.8	0.	41.2	0.0	39.3	121.9	217.8	121.6	121.6	217.7

SRL Single Tube Flow Instability Test # 6.0

Inconel

ID = 1.120

1	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	PPO1	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
	PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
1355	85.	20.3	447.9	442.5	449.8	461.6	462.3	459.9	460.1	464.4	464.8	469.1	456.1	458.8	469.4	473.8	463.6	457.7	464.4	466.6
1356	85.	19.9	447.0	441.2	450.2	461.5	461.8	459.1	460.8	465.0	465.4	469.1	456.8	460.3	470.4	474.4	465.3	458.5	465.3	467.3
1357	86.	20.4	75.7	75.8	75.4	75.4	75.6	78.1	75.5	76.3	75.9	75.8	75.0	75.4	76.1	75.6	75.0	76.0	76.3	75.8
1358	86.	20.8	434.6	429.0	437.6	451.7	451.5	446.2	447.7	453.9	457.4	460.2	439.8	442.9	463.3	466.0	450.9	448.5	458.2	462.9
1359	81.	16.8	491.9	485.8	488.6	506.5	502.6	497.3	498.0	503.5	507.1	509.7	487.3	492.1	513.3	516.4	500.2	495.6	509.9	511.9
1360	82.	17.4	498.0	491.4	492.2	509.1	505.8	501.2	502.2	507.5	510.9	513.8	492.9	497.9	516.6	520.2	506.0	500.1	512.4	515.0
1361	83.	18.0	499.6	493.6	494.1	509.8	507.4	502.9	504.0	509.9	512.3	515.5	495.5	500.5	518.0	522.1	507.9	502.1	513.2	515.9
1362	84.	19.1	502.9	498.4	497.9	513.7	511.2	506.6	507.3	513.5	515.8	519.3	498.8	503.5	520.9	525.0	510.9	504.9	515.0	518.7
1363	85.	19.6	505.5	500.8	500.3	516.9	513.8	509.0	509.8	516.0	517.5	521.4	501.8	506.6	522.2	526.5	513.3	506.6	516.4	519.7
1364	86.	20.1	506.9	500.8	503.7	518.4	516.9	512.1	512.1	518.4	518.8	523.3	503.9	508.7	523.4	528.2	514.7	508.0	516.9	520.7
1365	87.	20.6	511.6	504.7	507.7	522.2	520.8	515.9	514.9	521.4	520.7	525.4	506.9	511.6	524.9	529.9	516.6	509.7	518.6	521.8
1366	87.	20.8	510.0	503.8	507.3	522.0	519.9	515.3	514.3	520.4	519.4	524.2	506.8	511.3	523.7	528.8	516.4	509.3	517.6	520.2
1367	87.	20.7	510.4	504.1	508.2	522.1	520.8	515.8	514.7	520.5	519.2	524.1	506.7	511.5	523.5	528.8	516.3	509.0	517.5	520.2
1368	87.	21.1	513.8	507.2	511.0	524.9	522.6	517.8	516.2	522.3	520.8	525.8	507.9	512.8	524.9	530.2	517.3	509.9	518.8	521.4
1369	87.	21.1	513.6	507.2	511.5	524.8	522.6	518.0	516.5	522.2	520.3	524.9	508.5	513.0	524.2	529.3	517.4	509.6	518.2	520.8
1370	87.	20.8	512.0	506.2	509.7	523.3	521.7	517.4	516.1	522.2	521.1	525.8	508.8	513.6	525.4	530.2	517.9	510.3	518.8	521.4
1371	86.	20.5	508.2	502.1	506.3	520.6	519.0	515.4	515.1	519.9	519.3	523.5	507.9	512.8	524.2	528.8	517.3	509.4	517.8	519.8
1372	85.	20.1	507.8	501.7	505.5	520.6	518.9	515.1	515.0	520.1	520.2	524.7	508.3	513.2	525.3	530.0	518.2	509.9	518.6	520.8
1373	85.	19.6	507.0	501.0	503.7	518.6	516.4	513.3	514.6	519.2	519.0	523.3	508.1	512.9	524.3	528.8	518.1	509.6	518.1	519.7
1374	84.	18.7	506.4	499.5	503.0	518.2	515.8	512.6	513.8	518.2	519.2	523.2	508.0	512.8	525.4	529.5	518.4	510.4	519.7	520.9
1375	86.	20.5	507.4	500.5	505.8	519.6	518.7	514.0	513.9	519.4	519.2	523.4	507.2	511.9	524.3	528.6	516.6	508.2	517.1	519.5
1376	86.	20.1	505.9	500.4	503.6	518.4	517.0	512.9	513.0	517.8	518.2	522.6	506.5	512.0	523.2	528.1	516.5	508.2	516.9	518.7
1377	86.	20.2	507.7	501.6	505.3	519.8	517.8	514.6	515.3	520.6	520.3	524.2	508.9	513.2	525.4	529.9	518.6	510.3	518.8	520.4
1378	80.	17.1	503.3	498.0	499.8	516.4	513.7	507.6	506.7	514.2	516.6	520.3	496.1	499.5	520.7	525.1	507.6	503.9	514.5	520.2
1379	81.	17.7	506.2	502.5	503.8	519.3	517.3	510.8	509.7	517.3	518.4	522.6	499.4	503.2	522.4	527.1	510.3	505.9	516.3	521.6
1380	86.	20.7	432.5	427.7	437.0	451.4	449.5	444.1	445.7	452.8	456.2	458.8	437.3	439.1	461.7	464.7	448.0	441.1	457.0	462.2
1381	86.	20.8	431.7	424.4	439.1	450.9	450.6	447.0	448.8	454.6	456.3	459.3	443.3	446.1	462.2	465.1	453.8	449.5	458.1	461.3
1382	80.	16.4	403.8	396.3	410.5	425.3	424.8	424.0	427.9	429.1	433.2	433.5	420.6	427.8	439.4	440.0	434.3	424.9	437.8	435.2
1383	86.	21.1	429.6	424.1	435.3	450.3	448.0	443.7	445.5	451.8	455.1	457.7	436.9	441.3	460.8	463.7	449.3	445.5	457.2	459.8
1384	81.	17.1	491.6	485.0	492.4	507.3	503.8	501.0	502.0	506.0	508.0	510.5	493.4	499.3	514.7	517.3	505.5	498.2	510.9	510.8
1385	82.	18.6	499.1	493.0	496.9	512.0	508.2	505.2	506.8	511.3	512.6	516.3	499.0	504.5	519.7	522.5	511.0	503.8	514.8	514.9
1386	83.	19.5	502.3	497.1	499.8	514.1	510.7	507.9	509.3	513.4	515.7	518.9	501.9	507.9	521.9	525.4	514.2	506.0	516.0	518.5
1387	84.	20.3	503.6	498.2	502.0	516.5	514.0	511.1	512.4	516.6	517.9	521.8	504.5	509.5	523.3	528.1	515.2	508.4	517.1	519.1
1388	85.	21.2	505.2	499.4	504.5	518.3	517.1	513.7	513.7	517.7	518.8	523.8	506.8	511.7	524.9	529.1	516.8	509.2	517.7	520.3
1389	86.	21.6	506.6	499.5	506.4	519.5	518.5	515.4	514.4	519.9	520.1	523.7	508.1	512.7	524.5	529.6	517.5	510.4	517.8	519.4
1390	86.	21.9	506.9	499.9	506.5	520.4	519.8	515.2	515.4	521.5	519.7	523.8	508.3	512.9	523.7	529.2	517.7	509.2	517.9	519.1
1391	86.	22.0	506.4	499.6	508.0	521.1	519.8	516.3	515.7	521.1	519.3	523.7	507.9	512.2	524.9	529.1	517.2	510.3	517.8	519.5
1392	86.	22.0	507.2	500.8	508.2	520.8	519.7	516.5	515.3	520.7	518.8	523.9	507.3	513.0	523.7	528.7	516.9	509.5	517.0	519.4
1393	86.	22.3	510.1	503.7	509.8	523.6	521.9	517.9	517.5	522.9	520.9	525.5	509.5	513.0	525.3	530.6	518.5	511.6	519.0	521.1
1394	86.	22.1	508.5	500.2	509.1	523.0	522.1	518.6	517.6	521.4	521.4	526.5	510.4	514.1	526.5	531.5	519.1	511.7	519.7	521.6
1395	85.	21.5	504.5	499.0	505.1	518.8	518.1	514.6	515.2	520.0	519.3	523.2	508.1	512.7	524.9	529.2	517.7	510.1	518.2	519.3
1396	86.	22.3	505.8	498.8	506.3	519.7	518.8	515.5	515.8	520.9	519.9	524.3	507.9	513.7	524.4	529.5	518.1	511.0	518.5	519.5
1397	86.	22.2	505.8	499.6	507.5	519.9	519.2	515.5	515.2	520.0	519.3	523.6	508.1	513.2	523.9	528.9	517.8	509.6	517.6	519.0
1398	81.	18.7	494.1	484.9	493.6	508.2	506.2	504.2	505.8	508.6	509.4	512.4	500.0	505.5	516.8	519.7	511.7	501.6	513.7	511.4
1399	80.	19.1	501.8	496.8	500.2	515.5	513.9	508.0	507.5	514.7	515.5	519.7	497.9	500.7	521.3	525.5	507.5	504.3	513.9	518.5
1400	81.	19.9	506.4	501.7	504.4	519.2	518.1	512.9	512.7	518.5	517.9	522.4	504.0	508.2	522.6	527.6	514.0	507.7	516.6	519.5
1401	82.	20.3	508.3	503.3	507.6	521.2	520.2	515.2	514.2	520.4	519.0	523.8	506.3	510.4	523.7	528.8	515.7	509.4	518.0	520.3
1402	83.	20.9	510.7	505.8	510.2	524.2	522.6	517.4	515.9	521.7	520.3	524.9	507.7	511.8	524.4	529.7	516.7	510.0	518.4	520.8
1403	83.	21.1	510.1	504.0	509.8	522.6	521.3	516.8	515.0	520.3	518.5	523.1	507.2	511.8	522.6	528.0	515.9	508.9	516.9	518.8
1404	83.	21.2	510.9	505.4	510.4	523.6	521.8	517.2	515.0	520.3	518.0	523.0	507.0	511.2	522.3	527.7	515.4	508.2	516.6	518.3

SRL Single Tube Flow Instability Test # 6.0
Inconel ID = 1.120"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VLTB	CURRT	HRATIO	DPSTD1	TKW01N	VL	HL	YEAR	DAY	MIN											
	HFLX	VLTT	QUALITY	DPP1	TKW07S	DPSTD3	ID	DPL	MONTH	HRS	RUN											
1355	410.2	0.600	83.9	83.5	4912	-5.9	100.6	65.6	0.0	480.7	492.7	0.0	95.5	1.120	96.0	100.5	1989	3	22	15	33	1355
1356	413.3	0.605	84.2	83.8	4933	-6.4	101.5	65.5	0.0	480.9	492.6	0.0	95.5	1.120	96.0	100.5	1989	3	22	15	38	1356
1357	0.0	0.000	0.0	0.0	-1	0.0	0.0	66.7	0.0	77.3	77.2	0.0	95.5	1.120	96.0	100.5	1989	3	23	11	2	1357
1358	413.7	0.605	84.3	83.9	4933	-9.9	101.3	66.4	0.0	476.7	490.0	0.0	95.5	1.120	96.0	100.5	1989	3	23	11	30	1358
1359	549.1	0.803	97.3	96.7	5677	-11.1	102.5	64.9	0.0	529.7	544.2	0.0	95.5	1.120	96.0	100.5	1989	3	23	11	37	1359
1360	548.1	0.802	97.2	96.7	5670	-10.5	102.3	65.4	0.0	532.6	547.8	0.0	95.5	1.120	96.0	100.5	1989	3	23	11	39	1360
1361	543.3	0.795	96.8	96.2	5645	-9.9	101.9	65.7	0.0	532.6	547.7	0.0	95.5	1.120	96.0	100.5	1989	3	23	11	41	1361
1362	546.5	0.799	97.0	96.5	5661	-9.1	101.4	65.8	0.0	536.2	551.9	0.0	95.5	1.120	96.0	100.5	1989	3	23	11	43	1362
1363	546.3	0.799	97.0	96.5	5659	-8.2	101.1	66.1	0.0	537.5	552.3	0.0	95.5	1.120	96.0	100.5	1989	3	23	11	46	1363
1364	546.3	0.799	97.0	96.5	5661	-7.5	100.9	66.4	0.0	537.7	552.5	0.0	95.5	1.120	96.0	100.5	1989	3	23	11	47	1364
1365	548.4	0.802	97.2	96.7	5671	-6.8	100.9	66.7	0.0	539.5	553.0	0.0	95.5	1.120	96.0	100.5	1989	3	23	11	52	1365
1366	547.4	0.801	97.1	96.6	5665	-6.4	100.7	66.8	0.0	537.9	552.2	0.0	95.5	1.120	96.0	100.5	1989	3	23	11	55	1366
1367	546.2	0.799	97.0	96.5	5661	-6.1	100.2	66.7	0.0	538.0	551.8	0.0	95.5	1.120	96.0	100.5	1989	3	23	11	57	1367
1368	550.5	0.805	97.4	96.9	5681	-5.7	100.7	66.6	0.0	539.8	553.4	0.0	95.5	1.120	96.0	100.5	1989	3	23	12	0	1368
1369	547.7	0.801	97.2	96.6	5669	-5.4	100.1	66.6	0.0	538.1	551.6	0.0	95.5	1.120	96.0	100.5	1989	3	23	12	3	1369
1370	548.4	0.802	97.2	96.7	5674	-6.7	100.5	66.5	0.0	539.1	552.9	0.0	95.5	1.120	96.0	100.5	1989	3	23	12	5	1370
1371	544.3	0.796	96.9	96.3	5652	-7.3	100.5	66.1	0.0	537.3	552.0	0.0	95.5	1.120	96.0	100.5	1989	3	23	12	9	1371
1372	546.8	0.800	97.1	96.5	5666	-7.8	101.1	65.9	0.0	537.8	553.2	0.0	95.5	1.120	96.0	100.5	1989	3	23	12	13	1372
1373	545.4	0.798	96.8	96.4	5658	-8.7	101.4	65.8	0.0	536.4	550.9	0.0	95.5	1.120	96.0	100.5	1989	3	23	12	16	1373
1374	544.8	0.797	96.8	96.3	5656	-9.4	101.7	65.5	0.0	534.9	550.4	0.0	95.5	1.120	96.0	100.5	1989	3	23	12	20	1374
1375	546.9	0.800	97.0	96.5	5665	-6.8	100.8	66.3	0.0	538.0	553.2	0.0	95.5	1.120	96.0	100.5	1989	3	23	12	26	1375
1376	547.4	0.801	97.1	96.6	5669	-7.7	101.1	66.1	0.0	538.2	553.3	0.0	95.5	1.120	96.0	100.5	1989	3	23	12	32	1376
1377	545.5	0.798	96.9	96.4	5659	-8.4	101.6	66.0	0.0	536.9	553.5	0.0	95.5	1.120	96.0	100.5	1989	3	23	12	34	1377
1378	547.7	0.801	97.1	96.6	5668	-6.4	102.1	63.9	0.0	538.7	552.2	0.0	95.5	1.120	96.0	100.5	1989	3	23	14	37	1378
1379	550.4	0.805	97.4	96.9	5682	-5.8	101.8	64.4	0.0	541.0	554.1	0.0	95.5	1.120	96.0	100.5	1989	3	23	14	39	1379
1380	414.4	0.606	84.4	84.0	4935	-9.9	100.9	66.4	0.0	476.8	490.5	0.0	95.5	1.120	96.0	100.5	1989	3	29	14	1	1380
1381	408.4	0.597	83.8	83.3	4901	-10.0	100.5	66.3	0.0	474.6	486.4	0.0	95.5	1.120	96.0	100.5	1989	3	29	14	7	1381
1382	411.9	0.602	84.0	83.6	4926	-13.2	102.2	65.1	0.0	448.3	463.0	0.0	95.5	1.120	96.0	100.5	1989	3	29	14	12	1382
1383	410.4	0.600	83.9	83.5	4914	-10.1	101.0	66.2	0.0	474.4	486.4	0.0	95.5	1.120	96.0	100.5	1989	3	29	14	27	1383
1384	546.9	0.800	97.0	96.5	5666	-11.2	102.5	64.4	0.0	527.0	544.2	0.0	95.5	1.120	96.0	100.5	1989	3	29	14	43	1384
1385	546.2	0.799	97.1	96.4	5663	-10.2	101.5	64.5	0.0	530.8	547.8	0.0	95.5	1.120	96.0	100.5	1989	3	29	14	46	1385
1386	546.1	0.799	96.9	96.4	5663	-9.6	101.9	64.6	0.0	534.2	550.9	0.0	95.5	1.120	96.0	100.5	1989	3	29	14	49	1386
1387	549.1	0.803	97.2	96.8	5674	-8.6	100.9	65.0	0.0	536.6	553.9	0.0	95.5	1.120	96.0	100.5	1989	3	29	14	54	1387
1388	544.6	0.797	96.9	96.3	5658	-7.8	101.0	65.2	0.0	536.6	551.9	0.0	95.5	1.120	96.0	100.5	1989	3	29	14	57	1388
1389	546.8	0.800	97.0	96.5	5666	-7.1	100.8	65.1	0.0	536.8	552.3	0.0	95.5	1.120	96.0	100.5	1989	3	29	15	3	1389
1390	546.1	0.799	97.0	96.5	5657	-6.7	100.4	65.2	0.0	537.2	551.5	0.0	95.5	1.120	96.0	100.5	1989	3	29	15	7	1390
1391	545.0	0.797	97.0	96.3	5658	-6.5	100.1	65.1	0.0	537.5	549.2	0.0	95.5	1.120	96.0	100.5	1989	3	29	15	12	1391
1392	548.9	0.803	97.1	96.7	5675	-6.0	100.3	65.0	0.0	538.0	552.4	0.0	95.5	1.120	96.0	100.5	1989	3	29	15	18	1392
1393	550.6	0.805	97.3	96.8	5685	-5.6	100.1	65.0	0.0	539.2	553.6	0.0	95.5	1.120	96.0	100.5	1989	3	29	15	20	1393
1394	544.4	0.796	96.8	96.3	5655	-7.0	100.5	64.8	0.0	537.6	551.3	0.0	95.5	1.120	96.0	100.5	1989	3	29	15	23	1394
1395	547.6	0.801	97.1	96.5	5673	-7.7	101.0	64.5	0.0	535.4	552.5	0.0	95.5	1.120	96.0	100.5	1989	3	29	15	27	1395
1396	543.9	0.795	96.8	96.3	5649	-7.2	100.5	64.6	0.0	536.8	551.5	0.0	95.5	1.120	96.0	100.5	1989	3	29	15	30	1396
1397	543.7	0.795	96.7	96.3	5648	-6.7	100.5	64.5	0.0	535.5	550.2	0.0	95.5	1.120	96.0	100.5	1989	3	29	15	38	1397
1398	548.7	0.803	97.1	96.6	5678	-11.2	101.9	62.6	0.0	527.7	541.4	0.0	95.5	1.120	96.0	100.5	1989	3	29	15	46	1398
1399	544.7	0.797	96.8	96.3	5655	-6.5	101.8	62.0	0.0	536.5	551.3	0.0	95.5	1.120	96.0	100.5	1989	3	29	16	8	1399
1400	545.8	0.798	96.9	96.4	5663	-5.9	101.7	62.4	0.0	537.2	552.2	0.0	95.5	1.120	96.0	100.5	1989	3	29	16	16	1400
1401	547.6	0.801	97.1	96.6	5670	-5.5	101.0	62.4	0.0	538.1	553.0	0.0	95.5	1.120	96.0	100.5	1989	3	29	16	22	1401
1402	551.8	0.807	97.5	96.9	5693	-4.9	100.5	62.7	0.0	541.1	553.6	0.0	95.5	1.120	96.0	100.5	1989	3	29	16	25	1402
1403	546.0	0.799	97.0	96.4	5662	-4.8	101.1	62.7	0.0	536.5	550.9	0.0	95.5	1.120	96.0	100.5	1989	3	29	16	30	1403
1404	545.9	0.798	96.9	96.4	5660	-4.4	100.4	62.9	0.0	537.0	549.9	0.0	95.5	1.120	96.0	100.5	1989	3	29	16	33	1404

SRL Single Tube Flow Instability Test # 6.0

Inconel ID = 1.120"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
RUN	PTI1	PTO1	PTO3	DPT2	FTI1	FBI1	FMO1	OTI1	TRTO1	TRTI2											
TEST	PTI2	PTO2	DPT1	DPT3	FTI2	FXO2	FMO2	TRTI1	TJTI1	TRT02											
1405	6.0	33.6	33.9	35.0	34.7	34.8	2.22	2.14	2.20	41.30	40.96	254.7	0.	42.4	0.0	40.6	121.5	215.0	121.0	121.4	214.9
1406	6.0	33.5	34.0	34.8	34.7	35.5	2.09	2.16	2.09	44.14	43.92	254.1	0.	45.5	0.0	43.7	120.9	208.1	120.6	120.9	208.0
1407	6.0	32.8	34.2	34.6	34.7	35.3	1.80	1.86	1.80	48.70	48.34	252.4	0.	49.0	5.2	47.6	77.5	137.0	77.3	77.4	136.5
1408	6.0	33.3	34.7	34.8	34.7	35.5	2.24	2.28	2.23	48.32	47.84	253.3	0.	49.6	5.3	47.6	77.1	177.0	77.2	77.0	177.0
1409	6.0	33.1	34.1	34.6	34.6	35.4	2.15	2.23	2.15	46.86	46.54	253.1	0.	47.9	5.1	46.2	76.8	179.6	76.1	76.9	179.1
1410	6.0	33.2	34.0	34.8	34.7	35.4	2.11	2.16	2.11	46.08	45.53	253.6	0.	47.0	5.0	45.4	77.4	182.0	77.4	77.4	182.0
1411	6.0	33.8	34.7	34.9	34.7	35.6	2.09	2.14	2.09	45.84	45.01	254.3	0.	46.6	5.0	44.6	76.9	183.2	76.7	76.8	182.9
1412	6.0	33.2	34.4	34.8	34.7	35.5	2.05	2.12	2.05	44.67	44.05	254.1	0.	45.7	4.9	43.9	77.0	185.2	76.4	76.9	185.0
1413	6.0	33.1	34.2	34.6	34.7	35.4	2.04	2.09	2.03	44.04	43.51	254.9	0.	44.9	4.8	43.3	77.0	186.0	76.6	76.9	186.0
1414	6.0	33.4	33.3	34.7	34.7	35.5	2.02	2.04	1.97	42.61	42.06	254.1	0.	43.6	4.6	41.9	77.0	189.0	76.8	76.9	189.0
1415	6.0	33.0	33.6	34.7	34.7	35.4	1.95	2.02	1.95	42.29	41.39	254.3	0.	43.0	4.3	41.5	76.8	191.1	76.3	76.7	191.0
1416	6.0	32.9	34.0	34.8	34.7	35.6	1.94	1.96	1.93	41.45	40.62	254.0	0.	42.1	4.4	40.6	76.5	192.5	73.3	76.4	192.5
1417	6.0	32.4	33.3	34.7	34.7	34.8	1.93	1.94	1.92	41.14	39.71	254.3	0.	41.3	4.2	39.8	76.5	194.5	76.6	76.4	194.5
1418	6.0	32.5	34.5	34.6	34.6	35.0	2.03	2.09	2.00	39.87	38.68	255.2	0.	40.3	3.6	38.7	77.0	199.3	76.7	76.9	199.1
1419	6.0	32.2	33.5	34.3	34.3	34.6	2.15	2.11	2.11	38.54	37.52	256.5	0.	39.3	3.1	37.3	77.1	201.4	76.0	77.2	201.4
1420	6.0	33.6	34.9	34.7	34.7	35.4	1.88	1.95	1.90	40.72	40.04	254.7	0.	41.7	4.0	39.8	77.1	194.5	76.0	77.0	194.4
1421	6.0	33.1	33.4	34.8	34.7	35.7	1.98	2.02	1.96	42.60	42.05	254.3	0.	43.5	4.6	41.9	77.4	189.8	76.5	77.4	189.5
1422	6.0	32.8	34.0	34.7	34.7	35.5	2.01	2.04	1.99	43.10	42.54	255.0	0.	44.2	4.6	42.2	77.7	188.5	76.7	77.4	188.4
1423	6.0	33.1	34.4	34.9	34.7	35.8	1.93	1.97	1.91	48.53	48.09	252.5	0.	49.0	5.2	47.7	76.5	156.0	75.6	76.4	155.5
1424	6.0	33.0	33.5	34.7	34.7	35.6	1.75	1.70	1.73	43.28	42.68	255.2	0.	44.0	4.6	42.5	77.5	167.0	76.9	77.4	166.5
1425	6.0	32.7	33.6	34.7	34.7	35.5	1.69	1.54	1.68	40.02	39.20	254.9	0.	40.5	4.2	39.0	77.5	174.4	77.5	77.3	174.3
1426	6.0	32.8	33.2	34.8	34.7	35.7	1.57	1.50	1.58	38.19	37.46	256.9	0.	38.8	3.6	37.4	77.0	178.0	76.9	76.9	178.0
1427	6.0	33.0	32.6	34.9	34.8	35.8	1.42	1.43	1.40	36.11	35.41	255.9	0.	36.6	3.2	35.5	77.0	184.0	76.8	76.9	183.5
1428	6.0	32.8	32.4	34.9	34.7	35.8	1.37	1.39	1.36	34.85	33.84	257.2	0.	35.1	2.9	33.8	77.6	190.0	76.9	77.4	190.0
1429	6.0	32.2	32.6	34.7	34.7	35.6	1.46	1.41	1.45	32.16	31.21	256.5	0.	32.5	0.0	31.5	77.0	197.5	76.1	76.9	197.5
1430	6.0	32.8	33.6	34.8	34.7	35.7	1.49	1.52	1.49	38.34	37.70	255.1	0.	38.9	0.0	37.6	77.5	178.0	77.1	77.4	178.0
1431	6.0	32.5	32.9	34.7	34.7	35.2	1.27	1.29	1.23	34.21	33.74	258.3	0.	33.5	3.5	33.6	77.0	77.0	76.8	76.9	77.4
1432	6.0	32.9	34.2	34.7	34.7	35.1	1.78	1.84	1.79	49.22	48.62	252.1	0.	48.7	5.4	47.8	76.6	136.0	76.8	76.5	135.5
1433	6.0	32.4	33.2	34.7	34.7	35.0	1.30	1.33	1.24	40.30	39.84	256.4	0.	40.5	4.3	39.4	77.4	149.5	77.1	76.9	149.1
1434	6.0	32.3	32.6	34.9	34.7	34.9	1.05	1.06	0.99	34.28	33.66	255.5	0.	34.2	3.7	33.4	76.6	161.5	76.5	76.4	161.5
1435	6.0	32.0	30.8	34.7	34.7	34.8	0.88	0.89	0.82	28.72	28.07	258.2	0.	28.5	2.8	28.0	77.6	178.0	77.7	77.4	177.5
1436	6.0	31.4	30.9	34.9	34.7	35.2	0.78	0.80	0.73	24.87	24.31	259.2	0.	25.0	1.7	24.3	76.9	192.0	76.8	76.9	192.0
1437	6.0	31.5	31.9	34.5	34.6	34.6	0.81	0.82	0.73	22.80	22.17	259.0	0.	22.9	0.0	22.4	76.7	203.5	76.1	76.5	203.5
1438	6.0	32.3	31.2	34.9	34.7	35.0	0.99	0.97	0.91	21.69	21.12	260.1	0.	21.6	0.0	21.1	77.5	210.0	77.3	77.0	210.0
1439	6.0	31.5	32.7	34.6	34.7	34.9	0.84	0.84	0.78	26.81	26.21	258.9	0.	26.7	0.0	26.1	76.5	184.0	76.4	76.4	184.0
1440	6.0	33.4	34.6	34.9	34.9	35.6	1.94	1.98	1.88	48.80	48.34	253.1	0.	49.4	0.0	47.5	77.1	157.1	76.7	76.9	156.7
1441	6.0	32.9	33.5	34.6	34.6	35.5	1.68	1.70	1.61	43.38	42.86	254.9	0.	43.8	2.7	42.6	77.0	165.9	77.6	76.9	165.5
1442	6.0	32.7	33.2	34.8	34.7	35.4	1.52	1.49	1.45	40.63	39.31	255.4	0.	40.3	1.1	38.9	77.0	173.5	76.8	76.9	173.1
1443	6.0	32.7	32.0	34.6	34.6	34.8	1.43	1.46	1.39	38.18	37.40	255.3	0.	38.3	0.0	37.1	77.5	179.0	76.9	76.9	178.5
1444	6.0	32.4	32.7	34.7	34.7	35.2	1.38	1.40	1.32	36.39	35.24	256.2	0.	36.1	0.0	35.0	76.5	184.0	77.1	76.4	183.9
1445	6.0	32.6	32.3	34.6	34.7	35.2	1.31	1.35	1.25	34.22	32.89	257.8	0.	33.8	0.0	32.6	76.9	191.5	76.3	76.9	191.5
1446	6.0	32.4	32.5	34.7	34.7	35.1	1.27	1.30	1.24	31.98	31.26	257.4	0.	32.2	0.0	31.2	77.1	198.0	77.3	76.9	198.0
1447	6.0	32.5	33.1	34.7	34.7	35.1	1.34	1.27	1.28	31.42	30.23	258.3	0.	31.1	0.0	30.1	77.0	201.0	76.4	76.9	201.0
1448	6.0	32.4	32.2	34.7	34.7	34.6	1.38	1.40	1.36	30.24	29.58	257.4	0.	30.6	0.0	29.6	77.3	203.5	76.9	76.9	203.5
1449	6.0	32.4	32.6	34.5	34.5	34.8	1.48	1.59	1.43	29.43	28.77	258.8	0.	29.9	0.0	28.8	76.5	207.0	76.4	76.4	206.9
1450	6.0	32.8	32.9	34.9	34.8	35.2	1.27	1.30	1.28	31.87	31.19	256.8	0.	32.2	0.0	31.2	77.3	197.0	76.9	76.9	197.0
1451	6.0	32.5	33.2	34.6	34.7	35.4	1.35	1.37	1.36	34.70	34.16	256.3	0.	34.9	0.0	33.9	77.0	187.5	77.1	76.9	187.5
1452	6.0	32.9	33.3	34.7	34.7	35.3	1.48	1.53	1.49	39.17	38.10	255.5	0.	38.9	0.0	38.0	77.5	177.5	77.2	77.4	177.5
1453	6.0	33.0	34.3	34.6	34.6	35.0	1.82	1.87	1.77	47.18	46.05	253.1	0.	46.7	0.7	45.6	76.3	159.5	76.7	76.2	159.5

SRL Single Tube Flow Instability Test # 6.0

Inconel

ID = 1.120

1	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
RUN	PPO1	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
	PPI1	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S	TEW01E										
1405	83.	21.4	511.0	504.5	511.0	523.9	522.5	517.8	515.9	521.2	518.9	523.6	507.7	512.3	523.2	528.5	516.0	509.1	517.5	519.3
1406	82.	20.5	508.9	504.5	508.2	521.8	521.0	516.6	515.9	521.1	519.7	524.4	508.8	513.0	524.7	529.4	517.9	510.0	518.5	520.5
1407	81.	16.3	400.2	393.9	403.7	421.6	420.9	417.3	422.1	425.3	431.0	431.1	410.2	416.2	438.5	437.4	424.8	420.3	436.9	435.0
1408	81.	16.7	562.7	554.9	553.3	572.1	567.9	561.2	561.3	567.5	570.3	574.2	548.2	554.4	574.9	579.9	562.2	555.7	568.0	572.0
1409	81.	16.8	562.2	555.0	553.3	572.3	567.9	561.1	561.3	567.6	569.7	573.6	549.0	555.3	574.2	579.5	562.6	555.1	567.7	571.2
1410	82.	17.1	562.9	555.7	555.2	573.1	569.6	562.8	563.5	569.7	570.3	574.6	551.8	557.7	575.3	580.4	564.9	556.5	568.6	571.7
1411	82.	17.2	565.1	557.1	557.2	575.0	571.5	565.3	565.3	571.6	572.2	576.3	553.7	560.4	576.9	582.0	566.5	558.7	570.3	573.1
1412	83.	17.6	565.0	556.8	557.9	575.3	572.1	566.1	566.2	572.0	572.5	576.6	554.8	561.3	577.1	582.5	568.0	559.0	570.6	572.8
1413	82.	17.5	564.8	556.3	558.0	575.6	572.2	566.7	566.5	571.6	572.0	576.3	555.2	562.1	576.6	581.8	568.3	559.0	570.3	572.0
1414	83.	18.0	564.2	555.6	557.9	574.8	571.6	566.0	565.7	571.6	571.0	575.3	555.2	561.6	575.8	581.1	567.4	558.2	569.2	571.0
1415	83.	18.1	564.4	556.5	558.2	574.9	571.8	566.0	565.4	571.0	570.8	575.1	554.3	561.4	575.7	580.9	566.7	558.0	568.8	570.8
1416	84.	18.6	565.3	556.8	560.6	577.1	574.2	568.6	567.7	572.7	572.0	576.6	557.1	563.8	577.0	582.2	569.3	559.7	569.9	571.2
1417	84.	18.5	564.8	557.6	559.4	575.9	573.1	567.7	566.3	571.6	570.6	575.0	556.1	562.8	575.3	580.7	568.0	558.2	568.5	570.2
1418	84.	18.8	568.1	560.6	563.2	579.8	576.5	570.5	568.7	574.8	573.3	577.6	557.7	564.3	577.7	583.3	569.7	560.4	571.5	572.8
1419	84.	18.6	568.2	559.2	564.5	579.6	576.3	571.5	569.7	575.2	572.9	577.4	558.8	565.6	576.9	582.2	569.9	560.1	570.4	571.6
1420	84.	18.6	564.6	556.3	560.4	575.9	573.3	568.1	567.1	572.1	570.8	575.5	556.0	563.2	575.2	580.6	567.9	557.7	568.3	570.0
1421	83.	18.1	564.3	556.1	559.7	576.1	573.3	568.4	567.6	572.7	571.5	576.4	557.6	564.2	576.9	581.9	569.3	559.4	569.7	571.0
1422	82.	17.8	563.2	555.5	559.5	575.3	572.7	568.0	567.2	572.9	571.3	575.7	557.3	564.1	576.7	581.8	569.1	559.4	569.8	570.3
1423	81.	16.5	492.0	484.5	494.0	509.5	507.0	504.3	504.5	508.2	508.8	512.1	496.2	501.3	516.4	519.0	508.2	500.6	511.9	511.2
1424	82.	17.7	502.4	496.5	500.3	515.4	512.6	509.1	509.8	514.9	515.7	519.1	502.4	507.3	522.8	526.3	514.5	506.4	516.9	517.7
1425	84.	18.5	506.0	500.9	503.2	517.2	514.9	511.6	513.0	517.8	518.5	522.1	506.1	511.0	524.6	528.4	517.1	509.4	518.4	519.7
1426	84.	19.0	506.2	500.5	503.7	518.9	516.2	512.6	514.1	519.1	519.1	523.3	507.0	512.3	524.9	529.3	518.0	509.7	518.6	520.2
1427	85.	19.8	508.3	503.1	506.0	520.2	518.2	514.2	515.6	520.8	520.2	524.7	508.7	513.8	525.6	530.1	519.0	511.0	519.0	520.9
1428	86.	20.2	509.3	503.3	507.2	521.6	520.3	515.8	516.6	522.0	521.3	525.6	509.4	514.5	526.3	531.2	519.2	511.4	519.6	521.7
1429	87.	20.6	509.8	503.8	508.5	522.6	521.4	516.6	516.8	522.3	520.6	525.0	509.5	514.5	525.5	530.2	519.0	511.1	518.9	520.7
1430	85.	19.1	504.9	499.6	502.8	517.6	515.7	512.6	514.6	518.6	518.8	523.0	507.8	513.0	524.7	528.8	518.5	509.9	518.4	519.6
1431	80.	20.0	76.7	76.8	77.0	76.5	76.8	77.6	76.9	77.7	76.4	77.0	76.3	76.5	77.4	76.8	62.2	77.5	77.6	77.4
1432	75.	16.1	402.6	395.0	408.5	423.2	423.8	421.8	427.3	428.7	433.9	433.6	425.3	416.9	440.4	439.8	62.2	424.6	439.1	436.5
1433	78.	18.6	420.7	412.7	429.2	445.6	447.6	446.3	451.1	453.4	456.5	457.3	447.9	442.7	461.2	463.3	62.2	447.5	454.4	455.7
1434	80.	20.3	431.9	424.6	443.4	456.1	454.0	450.0	452.4	456.8	457.9	460.6	451.4	445.8	463.4	465.7	62.2	450.9	458.9	460.5
1435	81.6	21.1	442.9	436.4	446.5	458.1	456.9	453.7	456.2	461.0	462.4	465.8	455.0	450.6	467.0	470.8	460.5	455.5	462.0	464.8
1436	82.9	22.0	448.3	443.8	448.9	460.8	460.8	456.6	458.5	464.0	464.3	468.0	457.2	452.8	468.2	472.6	462.0	456.6	462.6	465.7
1437	83.5	22.1	453.0	447.1	453.6	464.7	464.8	461.3	461.3	466.6	465.9	469.7	459.2	455.3	469.6	473.7	463.4	458.1	463.8	466.4
1438	83.6	22.2	455.1	449.6	456.7	467.1	466.7	462.9	462.5	467.6	466.3	470.6	460.6	456.4	470.2	474.3	463.7	458.6	464.4	466.7
1439	82.2	21.4	450.4	444.5	449.7	460.7	460.3	457.6	459.6	464.1	464.8	467.9	459.1	454.9	469.3	472.9	463.5	457.8	464.0	466.2
1440	75.0	16.3	495.4	486.6	492.0	509.7	505.9	501.6	502.8	507.2	509.8	511.5	499.3	492.6	516.5	518.7	505.8	498.6	513.2	512.4
1441	77.2	17.5	501.9	494.8	497.4	512.5	509.7	507.0	508.4	511.4	514.7	516.4	507.5	500.5	520.7	523.6	513.4	505.4	516.1	515.9
1442	78.9	18.7	502.8	496.1	500.3	515.7	512.7	509.2	510.3	515.0	517.2	520.1	509.7	502.7	522.8	526.5	515.1	507.6	516.9	518.0
1443	79.2	19.2	506.7	499.4	503.2	518.0	515.9	512.3	513.6	518.0	519.1	522.1	512.1	505.8	524.4	528.6	517.5	509.9	518.5	519.7
1444	79.7	19.8	507.0	500.1	504.6	519.3	517.2	513.3	514.2	518.9	519.9	523.0	512.4	506.2	524.4	529.1	517.1	509.9	518.4	519.9
1445	80.2	20.2	508.9	501.3	507.0	520.9	519.4	515.0	515.6	521.1	520.9	524.0	513.6	507.3	525.5	529.5	518.4	510.9	518.9	521.1
1446	80.9	20.7	511.3	504.0	509.6	523.0	521.5	517.4	516.9	522.0	521.1	525.2	514.3	508.5	526.0	530.2	518.3	511.3	519.1	520.8
1447	81.1	20.7	511.4	503.6	509.8	522.9	521.1	517.0	516.4	521.5	520.5	524.0	514.1	508.1	524.6	529.1	517.6	510.4	518.3	519.8
1448	81.5	20.8	511.5	504.2	510.0	522.5	520.6	516.7	515.7	520.5	519.7	523.0	513.0	507.2	523.5	527.9	516.6	509.2	517.6	518.6
1449	81.5	21.0	512.1	504.8	510.9	523.7	521.7	517.4	515.6	521.4	519.9	523.2	513.2	507.2	523.6	528.0	515.7	509.2	517.8	519.0
1450	81.2	20.7	510.5	502.8	510.0	522.3	520.5	516.8	515.6	521.4	519.9	523.2	513.6	507.3	523.9	528.6	516.7	509.8	517.9	519.1
1451	80	19.8	507.0	500.4	505.4	519.5	517.5	513.4	513.9	519.2	519.5	522.6	512.3	505.7	524.1	527.9	516.4	509.2	517.9	519.2
1452	78.7	19.0	506.9	500.9	504.4	518.5	516.6	513.1	514.5	519.3	519.9	522.8	513.5	507.1	525.6	529.2	518.1	510.4	519.8	520.7
1453	76.1	16.6	498.7	489.3	495.7	510.6	507.6	505.8	508.2	510.4	512.2	513.8	508.3	501.0	518.8	520.6	513.0	503.7	515.0	512.9

SRL Single Tube Flow Instability Test # 6.0

Inconel ID = 1.120"

1	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
RUN	PWRKW	VLTB	CURRT	HRATIO	DPSTD1	TKW01N	VL	HL	YEAR	DAY	MIN											
	HFLX	VLTT	QUALITY	DPP1	TKW07S	DPSTD3	ID	DPL	MONTH	HRS	MIN	RUN										
1405	546.2	0.799	97.0	96.5	5662	-4.9	101.3	62.7	0.0	537.0	551.1	0.0	95.5	1.120	96.0	100.5	1989	3	29	16	37	1405
1406	549.6	0.804	97.2	96.8	5680	-5.5	100.8	62.2	0.0	538.7	553.6	0.0	95.5	1.120	96.0	100.5	1989	3	29	18	44	1406
1407	406.7	0.598	83.7	83.3	4908	-13.1	102.2	65.5	0.0	449.6	462.7	0.0	95.5	1.120	96.0	100.5	1989	3	30	14	35	1407
1408	686.0	1.003	108.9	108.3	6336	-8.9	101.3	65.2	0.0	594.3	611.8	0.0	95.5	1.120	96.0	100.5	1989	3	30	14	48	1408
1409	684.0	1.000	108.7	108.1	6329	-8.7	101.7	65.3	0.0	593.6	611.1	0.0	95.5	1.120	96.0	100.5	1989	3	30	14	50	1409
1410	686.2	1.004	108.9	108.3	6339	-8.3	100.9	65.6	0.0	594.6	611.7	0.0	95.5	1.120	96.0	100.5	1989	3	30	14	53	1410
1411	687.1	1.005	109.0	108.3	6344	-8.3	101.2	65.5	0.0	594.5	611.8	0.0	95.5	1.120	96.0	100.5	1989	3	30	14	55	1411
1412	687.7	1.006	109.0	108.4	6346	-8.0	100.8	65.8	0.0	595.5	612.2	0.0	95.5	1.120	96.0	100.5	1989	3	30	14	56	1412
1413	684.4	1.001	108.7	108.1	6332	-7.9	100.8	65.6	0.0	593.9	611.5	0.0	95.5	1.120	96.0	100.5	1989	3	30	14	58	1413
1414	681.9	0.997	108.5	107.9	6320	-7.8	100.5	66.0	0.0	592.9	609.8	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	0	1414
1415	684.4	1.001	108.7	108.1	6331	-7.3	100.5	66.0	0.0	593.3	610.5	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	2	1415
1416	682.4	0.998	108.5	107.9	6322	-7.2	100.4	66.0	0.0	592.9	609.0	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	7	1416
1417	679.4	0.994	108.3	107.7	6308	-7.0	100.4	66.2	0.0	591.4	608.3	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	9	1417
1418	687.9	1.006	109.0	108.3	6350	-6.4	100.1	75.8	0.0	594.6	611.4	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	11	1418
1419	678.6	0.992	108.1	107.7	6303	-6.1	100.2	66.0	0.0	589.8	605.5	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	14	1419
1420	680.2	0.995	108.3	107.8	6312	-7.0	100.6	65.9	0.0	590.0	607.3	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	16	1420
1421	682.6	0.998	108.5	107.9	6324	-7.5	100.7	65.7	0.0	592.4	608.8	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	20	1421
1422	680.9	0.996	108.4	107.8	6317	-7.6	100.7	65.6	0.0	591.4	608.0	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	22	1422
1423	546.1	0.799	96.9	96.4	5665	-11.2	101.8	65.3	0.0	526.1	543.0	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	36	1423
1424	550.6	0.805	97.3	96.8	5687	-9.9	100.9	65.7	0.0	534.8	551.2	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	39	1424
1425	549.1	0.803	97.2	96.7	5680	-9.1	100.5	65.9	0.0	536.8	552.5	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	42	1425
1426	548.6	0.802	97.2	96.6	5678	-8.7	100.3	66.4	0.0	537.3	552.9	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	44	1426
1427	548.9	0.803	97.1	96.7	5677	-8.1	100.5	66.5	0.0	538.2	554.0	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	47	1427
1428	550.2	0.805	97.3	96.8	5685	-7.5	100.5	66.7	0.0	538.8	554.4	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	50	1428
1429	548.2	0.802	97.1	96.6	5675	-6.6	99.8	66.7	0.0	538.4	553.4	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	52	1429
1430	547.3	0.801	97.0	96.5	5672	-8.8	100.7	66.3	0.0	536.0	551.8	0.0	95.5	1.120	96.0	100.5	1989	3	30	15	57	1430
1431	0.0	0.000	0.1	0.1	0	0.0	0.0	0.0	11.8	78.5	78.3	5.1	95.5	1.120	96.0	100.5	1989	4	13	11	17	1431
1432	409.3	0.599	83.8	83.3	4912	-13.3	102.4	59.7	8.6	483.7	447.8	5.1	95.5	1.120	96.0	100.5	1989	4	13	13	26	1432
1433	411.6	0.602	84.1	83.6	4923	-11.8	101.3	60.3	14.4	480.1	469.2	5.6	95.5	1.120	96.0	100.5	1989	4	13	13	51	1433
1434	409.6	0.599	83.9	83.4	4912	-10.6	101.4	61.2	13.5	486.7	472.7	9.2	95.5	1.120	96.0	100.5	1989	4	13	13	55	1434
1435	409.3	0.599	83.9	83.4	4908	-8.7	100.0	61.4	14.9	491.1	478.3	8.0	95.5	1.120	96.0	100.5	1989	4	13	13	58	1435
1436	407.6	0.596	83.7	83.2	4897	-7.2	99.8	61.6	22.0	492.5	480.8	7.1	95.5	1.120	96.0	100.5	1989	4	13	14	1	1436
1437	409.6	0.599	83.9	83.5	4906	-5.9	100.0	62.0	57.4	492.0	482.0	#	95.5	1.120	96.0	100.5	1989	4	13	14	15	1437
1438	409.7	0.599	83.9	83.5	4909	-5.2	99.4	61.9	101.7	491.9	481.9	#	95.5	1.120	96.0	100.5	1989	4	13	14	23	1438
1439	410.9	0.601	84.0	83.6	4916	-8.0	99.8	61.5	11.8	492.3	480.9	5.4	95.5	1.120	96.0	100.5	1989	4	13	14	27	1439
1440	551.8	0.807	97.5	96.9	5692	-11.1	102.0	59.6	5.7	544.8	531.0	3.6	95.5	1.120	96.0	100.5	1989	4	13	14	34	1440
1441	546.8	0.800	97.0	96.5	5685	-10.1	101.3	60.1	6.2	546.8	532.6	4.4	95.5	1.120	96.0	100.5	1989	4	13	14	41	1441
1442	545.2	0.797	96.9	96.3	5661	-9.3	101.1	60.6	6.8	549.4	535.8	5.1	95.5	1.120	96.0	100.5	1989	4	13	14	43	1442
1443	547.7	0.801	97.2	96.7	5667	-8.6	100.8	60.7	8.9	552.7	537.5	7.5	95.5	1.120	96.0	100.5	1989	4	13	14	48	1443
1444	547.0	0.800	97.1	96.6	5665	-8.1	100.7	61.0	11.7	551.5	538.0	6.9	95.5	1.120	96.0	100.5	1989	4	13	14	50	1444
1445	547.3	0.800	97.2	96.6	5668	-7.2	100.1	60.9	18.1	553.5	538.6	5.1	95.5	1.120	96.0	100.5	1989	4	13	14	53	1445
1446	548.4	0.802	97.2	96.7	5670	-6.6	100.3	61.1	40.9	552.8	539.1	#	95.5	1.120	96.0	100.5	1989	4	13	14	57	1446
1447	547.4	0.801	97.0	96.7	5660	-6.2	99.9	61.2	54.3	551.5	538.4	#	95.5	1.120	96.0	100.5	1989	4	13	15	0	1447
1448	545.1	0.797	96.9	96.3	5658	-5.9	99.6	61.3	73.3	550.5	537.5	#	95.5	1.120	96.0	100.5	1989	4	13	15	6	1448
1449	548.4	0.802	97.2	96.7	5675	-5.5	99.6	61.3	140.0	550.7	538.5	#	95.5	1.120	96.0	100.5	1989	4	13	15	11	1449
1450	544.9	0.797	96.9	96.4	5655	-6.6	99.7	61.2	37.8	550.1	537.6	#	95.5	1.120	96.0	100.5	1989	4	13	15	13	1450
1451	547.0	0.800	97.0	96.6	5664	-7.7	100.5	60.9	9.3	551.7	538.0	4.8	95.5	1.120	96.0	100.5	1989	4	13	15	16	1451
1452	549.4	0.804	97.3	96.8	5677	-8.8	100.9	60.5	9.4	552.6	538.1	6.1	95.5	1.120	96.0	100.5	1989	4	13	15	20	1452
1453	546.6	0.799	97.0	96.5	5665	-10.8	101.9	59.7	5.7	544.1	529.5	3.4	95.5	1.120	96.0	100.5	1989	4	13	15	24	1453

SRL Single Tube Flow Instability Test # 7.0
Stainless Steel ID = 0.600"

RUN	1 PWR1	2 HFLX	3 VOLT VOLT	4 VOLT VOLT	5 CURRT CURRT	6 CURRT CURRT	7 PTI PTI	8 PTI PTI	9 PTO PTO	10 PTO PTO	11 PBI PBI	12 PBO PBO	13 PL PL	14 PL PL	15 PD PD	16 PXI PXI	17 PXI PXI	18 PPI PPI	19 PPI PPI
1490	0.0	0.000	0.1	0.0	3	2	69.7	78.8	50.0	46.9	78.8	50.7	91.6	51.5	31.6	48.2	32.1	19.9	75.0
1491	0.0	0.000	0.1	-0.1	4	2	66.7	74.6	49.9	46.5	74.3	50.4	93.4	51.1	33.7	47.9	34.2	21.9	77.0
1492	0.0	0.000	0.0	0.2	2	2	64.3	70.6	50.0	46.5	70.3	50.1	96.4	51.5	36.0	48.0	36.5	24.5	79.9
1493	0.0	0.000	0.0	0.0	3	1	61.6	66.1	50.0	46.3	65.9	50.4	98.9	50.9	38.2	47.9	38.6	26.6	82.2
1494	0.0	0.000	0.1	-0.1	3	2	59.3	62.3	49.9	46.1	62.0	50.3	101.4	50.9	40.1	47.9	40.7	28.9	84.7
1495	0.0	0.000	0.0	0.1	3	2	57.6	59.7	50.1	46.2	59.5	50.8	103.1	50.8	41.7	48.0	42.2	30.6	86.1
1496	0.0	0.000	0.0	-0.1	2	2	53.3	56.9	49.9	45.9	56.8	50.1	104.5	50.3	42.7	47.8	43.2	31.9	87.9
1497	0.0	0.000	0.0	-0.6	2	1	54.0	53.5	50.1	46.0	53.4	50.2	107.5	50.8	44.8	47.9	45.4	34.2	90.4
1498	0.0	0.000	0.1	0.6	2	1	52.2	50.8	49.7	45.4	50.6	50.1	108.2	50.1	45.5	47.6	46.1	35.2	91.6
1499	0.0	0.000	0.0	0.0	3	0	50.5	49.1	49.8	45.4	49.0	49.2	109.1	50.2	46.4	47.5	46.9	36.0	92.1
1500	0.0	0.000	0.0	-0.1	2	1	51.7	47.7	49.8	45.3	47.6	49.8	109.9	49.9	46.9	47.4	47.5	36.7	92.4
1501	0.0	0.000	0.1	-0.3	3	1	52.2	46.6	49.7	45.3	46.6	49.1	111.0	49.8	47.4	47.3	47.9	37.3	93.8
1502	0.0	0.000	0.1	-0.1	3	4	51.3	49.0	49.7	45.3	48.9	49.0	109.3	50.0	46.3	47.4	46.8	36.3	91.9
1503	0.0	0.000	0.0	0.1	3	2	55.4	56.0	50.3	46.1	55.9	49.9	105.5	50.3	43.8	48.1	44.3	33.4	88.5
1504	0.0	0.000	0.0	0.0	2	2	64.4	70.5	50.2	46.7	70.4	51.8	97.1	51.7	36.0	48.0	36.6	25.4	80.5
1505	0.0	0.000	0.1	0.1	1	1	63.7	77.7	50.3	48.0	77.6	51.7	91.6	52.1	32.9	48.9	32.6	21.1	74.9
1506	0.0	0.000	-0.1	0.1	1	2	63.8	74.2	50.3	47.8	74.1	51.6	93.4	52.1	34.7	48.9	34.5	23.0	76.6
1507	0.0	0.000	0.0	-0.1	2	-1	61.5	70.2	50.0	47.4	70.3	51.0	95.7	51.5	36.5	48.5	36.3	24.9	79.1
1508	0.0	0.000	0.0	0.2	-1	0	59.5	66.9	50.4	47.5	67.1	51.2	98.4	51.7	38.6	48.8	38.3	27.1	81.7
1509	0.0	0.000	-0.1	0.1	2	1	57.8	63.6	49.9	47.1	63.7	50.7	99.5	51.9	39.9	48.4	39.6	28.1	82.6
1510	0.0	0.000	0.0	0.0	0	0	55.8	60.8	50.0	47.0	60.8	50.5	101.4	51.3	41.4	48.4	41.2	29.8	84.5
1511	0.0	0.000	0.0	-0.1	2	2	54.2	58.0	50.2	46.9	58.1	50.6	102.8	51.3	43.1	48.5	42.8	31.5	85.9
1512	0.0	0.000	0.0	-0.1	1	1	52.7	55.8	49.8	46.5	55.6	50.4	104.8	50.7	44.1	48.2	43.8	32.9	88.1
1513	0.0	0.000	0.0	0.2	1	0	51.4	53.7	49.9	46.4	53.4	50.4	106.2	50.3	45.2	48.1	45.0	34.0	89.4
1514	0.0	0.000	0.0	0.1	1	2	50.4	51.5	50.0	46.5	51.6	50.3	106.7	50.6	46.3	48.4	46.1	35.3	90.4
1515	0.0	0.000	0.0	0.1	-1	-1	48.9	49.8	49.6	46.1	49.7	49.9	108.0	50.2	46.6	47.9	46.4	35.6	91.0
1516	0.0	0.000	0.0	0.1	2	0	48.6	48.7	50.1	46.4	48.8	50.1	109.0	50.5	47.7	48.3	47.5	36.8	92.0
1517	0.0	0.000	0.0	0.1	1	0	47.7	47.6	50.0	46.2	47.7	49.7	109.4	50.3	48.1	48.1	47.9	37.5	92.7
1518	0.0	0.000	0.0	-0.1	-3	-1	47.1	46.7	49.9	46.0	46.8	49.7	110.7	50.9	48.3	48.0	48.1	37.8	93.1
1519	0.0	0.000	0.0	-0.4	1	-2	47.2	46.8	50.1	46.1	46.8	49.7	110.0	49.9	48.4	48.0	48.2	37.7	93.1
1520	0.0	0.000	0.0	-0.1	2	0	51.7	54.2	49.5	46.2	54.1	49.8	104.8	50.3	44.2	47.9	44.0	33.4	87.9
1521	145.7	0.398	55.3	55.1	2646	2630	65.0	78.4	49.6	46.5	78.2	52.0	88.9	52.3	30.8	48.6	30.6	18.4	72.6
1522	146.9	0.401	55.6	55.4	2651	2635	64.5	76.6	49.9	46.9	76.4	51.9	90.1	52.1	32.4	49.0	32.2	19.9	74.2
1523	145.9	0.398	55.3	55.1	2647	2629	62.5	73.1	50.2	47.0	73.0	50.8	93.8	52.0	34.7	48.9	34.5	22.6	77.4
1524	148.0	0.404	56.1	55.5	2664	2645	59.9	69.2	50.1	46.8	69.1	51.9	95.6	51.6	36.7	48.8	36.5	24.4	79.1
1525	145.7	0.398	55.4	55.2	2639	2621	57.4	64.9	49.0	45.6	64.8	49.4	96.2	51.4	37.3	47.6	37.1	24.9	79.6
1526	147.5	0.403	56.1	55.6	2655	2637	56.7	63.0	49.9	46.2	63.0	50.8	99.3	50.8	39.7	48.7	39.5	27.6	82.6
1527	147.1	0.402	55.8	55.8	2636	2617	55.1	60.3	50.4	46.5	60.2	51.6	101.6	51.6	42.0	48.9	41.8	30.0	85.3
1528	146.6	0.400	55.8	55.7	2633	2616	53.1	56.8	49.8	45.9	57.0	50.5	102.7	52.2	42.9	48.4	42.7	30.9	86.2
1529	147.7	0.403	56.4	56.2	2630	2610	50.8	53.0	50.2	46.0	52.9	50.5	106.4	51.1	45.7	48.7	45.5	34.2	89.7
1530	146.5	0.400	56.3	56.0	2614	2595	49.8	52.0	50.6	46.1	51.7	50.8	107.5	51.2	46.9	49.1	46.6	35.5	90.8
1531	146.4	0.400	56.4	56.1	2609	2590	49.5	50.4	50.5	45.7	50.4	49.5	108.3	51.2	47.4	49.0	47.1	36.4	91.6
1532	145.4	0.397	56.4	56.1	2591	2570	47.4	48.2	49.7	45.1	48.7	49.9	107.8	48.9	47.1	48.3	46.9	36.1	91.1
1533	145.7	0.398	56.5	56.3	2588	2570	48.8	48.5	49.6	45.0	48.3	49.7	108.4	49.7	47.3	48.2	47.0	36.3	91.6
1534	146.6	0.400	56.8	56.6	2590	2568	49.5	49.9	50.6	37.3	49.0	50.4	109.6	50.3	48.3	49.0	48.0	37.4	92.7
1535	146.2	0.399	56.8	56.6	2582	2560	48.6	48.7	50.3	44.4	48.6	50.3	109.6	50.9	48.1	48.7	47.9	37.0	92.7
1536	146.0	0.398	56.9	56.6	2581	2563	48.9	48.9	50.5	44.7	48.8	50.5	109.0	51.1	47.8	48.5	47.6	36.6	92.1
1537	147.9	0.404	57.2	57.0	2595	2575	49.6	49.3	50.4	44.8	49.3	50.6	109.3	51.4	47.7	48.2	47.5	36.6	92.4
1538	147.3	0.402	57.3	56.9	2590	2569	51.3	51.0	51.0	45.2	50.9	50.3	104.3	50.4	43.3	48.0	43.1	32.6	87.9
1539	145.9	0.398	55.9	55.5	2628	2604	52.3	55.0	50.1	45.7	55.0	50.8	104.1	51.0	44.5	48.5	44.4	33.3	87.4

SRL Single Tube Flow Instability Test # 7.0
Stainless Steel ID = 0.600"

	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
RUN	PA1	DT1	DT2	DP1	DLV1	OLI1	FLI1	FTI1	FBI1	FXI1	FXI2	FS1	TRT11	TRT12	TRTO1	TRTO2	JXI1	JXO1
1490	31.8	19.06	20.15	55.6	-0.4	28.31	29.91	29.78	0.00	29.01	29.54	299.7	76.7	76.4	76.5	76.1	76.1	76.1
1491	33.9	17.79	17.62	55.2	-0.1	26.63	27.73	27.57	0.00	26.92	27.37	299.8	77.4	77.2	77.0	77.5	77.5	67.7
1492	36.1	15.59	15.17	55.4	-0.3	24.68	25.47	25.51	0.00	24.47	25.08	300.3	77.5	77.6	77.5	78.0	77.6	69.8
1493	38.3	12.86	12.45	55.7	-0.2	22.79	22.99	22.82	0.00	22.16	22.59	300.5	76.5	76.5	76.5	76.6	76.2	76.3
1494	40.3	10.42	10.05	55.7	-0.5	21.03	20.49	20.32	0.00	19.52	20.06	301.4	77.5	77.6	77.5	78.0	77.7	67.3
1495	41.8	8.70	8.42	55.7	-0.5	18.99	18.44	18.46	0.00	17.67	18.13	303.0	77.1	77.1	77.0	77.2	77.7	68.2
1496	42.8	7.12	6.90	55.8	-0.6	17.84	16.60	16.48	0.00	15.65	16.30	303.1	77.5	77.3	77.0	77.3	77.5	63.1
1497	45.0	4.80	4.62	56.4	-0.7	15.52	13.21	13.19	0.00	12.02	12.84	301.7	77.9	77.6	77.5	77.9	76.9	75.9
1498	45.7	3.24	3.16	56.1	-0.4	14.09	10.52	10.51	0.00	9.57	10.42	304.8	77.5	77.6	77.5	77.9	77.7	63.3
1499	46.5	2.14	2.09	56.3	-0.5	12.12	8.10	8.29	0.00	7.09	8.19	306.5	77.0	76.7	76.5	76.9	77.4	71.8
1500	47.1	1.26	1.26	56.2	-0.6	11.21	5.42	6.19	0.00	4.48	6.20	307.1	78.0	78.0	77.5	78.0	77.1	75.8
1501	47.5	0.56	0.59	56.6	-0.6	10.37	0.27	3.91	0.00	0.00	3.90	306.4	77.0	76.8	76.5	76.9	77.7	53.6
1502	46.4	2.09	2.04	56.1	-0.6	13.08	8.10	8.25	0.00	6.97	8.16	305.2	76.5	76.5	76.0	76.5	75.8	74.2
1503	43.9	6.36	6.15	55.2	-0.5	16.92	15.48	15.42	0.00	14.63	15.24	302.7	78.1	78.0	77.9	78.4	77.4	76.4
1504	36.2	15.50	15.20	55.1	0.0	25.22	25.68	25.47	0.00	24.53	25.00	297.1	77.5	77.6	77.2	77.6	78.5	58.1
1505	32.2	18.69	18.89	53.9	0.0	27.97	30.18	30.17	0.00	29.32	29.92	299.2	120.7	120.7	120.5	121.3	121.2	114.5
1506	34.0	17.24	16.83	53.9	0.0	26.02	28.28	28.22	0.00	27.51	28.06	298.9	121.5	121.1	121.0	122.0	120.8	120.3
1507	35.8	15.09	14.65	54.5	-0.1	24.16	26.30	26.34	0.00	25.43	26.02	298.4	121.5	121.3	121.0	122.0	122.2	110.5
1508	37.9	12.99	12.67	54.8	-0.1	21.80	24.00	24.14	0.00	23.19	23.89	299.0	121.5	121.1	121.0	122.0	120.7	119.8
1509	39.1	11.14	10.73	54.6	0.0	20.05	22.12	22.17	0.00	21.25	21.98	301.9	120.5	121.1	120.3	121.5	122.3	101.0
1510	40.7	9.39	9.01	54.7	-0.2	18.04	20.17	20.17	0.00	19.18	19.97	302.4	120.4	120.0	119.7	120.8	119.0	118.5
1511	42.3	7.65	7.41	54.7	-0.2	15.54	17.95	18.04	0.00	16.91	17.76	304.5	121.7	121.4	121.0	122.3	120.4	119.5
1512	43.3	6.18	5.97	55.1	-0.1	14.31	15.98	16.06	0.00	14.88	15.83	302.0	121.5	121.6	121.0	121.9	122.0	112.0
1513	44.5	4.83	4.69	55.3	-0.2	10.71	13.94	13.94	0.00	12.75	13.82	303.1	121.0	120.6	120.4	121.4	119.7	118.6
1514	45.5	3.65	3.51	55.2	-0.3	7.82	11.75	11.94	0.00	10.59	11.74	305.8	122.0	121.7	121.5	122.6	120.7	119.0
1515	45.9	2.70	2.61	55.5	-0.2	8.29	9.71	10.07	0.00	8.58	9.92	305.3	121.5	121.6	121.3	122.4	122.3	114.4
1516	47.0	1.77	1.71	55.4	-0.3	6.42	7.25	7.89	0.00	6.02	7.79	307.2	122.0	121.6	121.0	122.3	120.3	118.5
1517	47.4	1.04	1.03	55.7	-0.3	4.95	4.46	5.81	0.00	0.00	5.71	307.4	122.0	121.6	121.5	122.4	122.0	89.9
1518	47.5	0.57	0.57	55.4	-0.3	0.78	1.77	4.01	0.00	0.00	3.95	308.7	120.0	119.6	119.5	120.2	120.5	111.3
1519	47.6	0.55	0.56	55.6	-0.2	1.75	1.66	3.99	0.00	0.00	3.94	308.0	120.5	120.2	119.5	120.9	118.8	114.3
1520	43.5	5.61	5.39	54.7	-0.2	13.26	15.12	15.16	0.00	13.79	14.87	304.5	121.0	121.1	120.5	121.1	121.2	65.2
1521	30.1	18.96	19.16	54.3	0.1	29.74	31.71	31.67	0.00	31.07	31.57	296.5	120.0	120.0	152.0	153.9	151.9	109.2
1522	31.6	18.19	17.80	54.3	-0.1	28.30	30.78	30.46	0.00	30.05	30.56	298.3	121.5	121.4	154.7	156.7	154.4	115.3
1523	33.9	16.06	15.70	54.7	0.0	26.46	28.63	28.45	0.00	27.92	28.45	295.3	121.5	121.3	157.5	159.1	158.1	105.9
1524	36.0	13.88	13.53	54.5	0.2	24.81	26.26	26.22	0.00	25.70	26.28	299.5	120.0	120.2	159.5	161.6	159.7	140.4
1525	36.5	11.96	11.56	54.7	-0.3	22.32	24.20	24.25	0.00	23.70	24.33	301.1	120.5	120.8	162.4	164.7	163.7	88.7
1526	38.9	10.32	10.07	54.9	-0.1	20.80	22.50	22.46	0.00	21.80	22.50	300.0	120.8	121.1	166.5	169.0	168.5	98.7
1527	41.2	8.45	8.15	55.0	-0.2	18.46	20.08	20.24	0.00	19.55	20.23	302.2	120.9	120.5	171.0	173.7	169.5	124.7
1528	42.1	6.78	6.48	55.2	-0.1	15.88	17.92	18.18	0.00	17.27	18.16	301.3	121.5	121.5	178.2	181.3	178.1	106.9
1529	44.8	4.16	4.00	55.1	-0.4	12.30	13.75	13.73	0.00	12.86	13.94	303.3	121.0	120.6	195.5	198.8	193.1	129.6
1530	46.0	3.23	3.10	54.9	-0.4	10.71	11.82	12.00	0.00	11.08	12.18	305.1	121.8	121.1	206.0	210.3	201.5	174.3
1531	46.5	2.51	2.43	55.1	-0.4	10.42	9.95	10.25	0.00	9.29	10.50	304.6	121.5	121.1	219.5	224.4	214.7	112.5
1532	46.2	1.99	1.92	54.9	-0.4	8.01	8.37	8.86	0.00	8.20	9.23	306.2	121.5	121.3	234.5	240.5	231.8	79.7
1533	46.4	1.76	1.71	55.0	-0.4	5.80	7.53	8.20	0.00	7.29	8.59	306.0	121.5	121.1	243.5	249.7	230.5	98.4
1534	47.4	1.62	1.56	55.3	-0.3	4.95	6.85	7.44	0.00	6.43	7.85	304.9	122.0	121.6	257.9	265.2	248.2	198.5
1535	47.2	1.56	1.49	55.4	-0.3	6.18	6.23	7.03	0.00	6.29	7.67	306.6	121.5	121.1	267.5	276.1	258.5	76.8
1536	46.9	1.77	1.78	55.3	-0.2	6.88	5.34	6.43	0.00	6.34	7.48	307.4	120.6	120.6	277.9	286.6	270.6	69.7
1537	46.8	2.35	2.16	55.5	-0.4	6.30	4.82	6.07	0.00	5.35	6.69	307.6	120.3	119.9	287.1	295.7	272.3	197.4
1538	42.4	3.60	3.43	55.1	-0.3	6.66	4.30	5.56	0.00	10.40	14.33	308.2	120.5	120.6	298.2	307.8	285.4	63.3
1539	43.6	5.49	5.26	54.0	-0.4	14.52	16.06	16.02	0.00	14.40	15.55	303.3	120.0	120.1	183.6	187.0	188.1	101.0

SRL Single Tube Flow Instability Test # 7.0
Stainless Steel ID = 0.600"

	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
RUN	PTO2	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W									
	DT3	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S										
1490	50.0	20.39	77.0	76.9	77.6	78.1	77.3	76.7	77.2	77.9	77.5	78.8	77.6	73.0	77.1	77.0	78.1	78.2	77.4
1491	50.0	17.80	77.4	77.3	77.4	74.4	77.6	77.2	77.9	78.2	78.2	78.3	77.8	74.6	77.4	77.5	78.2	77.7	77.6
1492	50.0	15.39	77.9	77.5	77.5	78.5	77.7	78.4	77.8	78.6	78.3	78.0	77.8	73.9	77.8	77.8	77.8	78.5	77.9
1493	50.0	12.62	76.6	76.2	76.7	76.1	76.4	77.0	76.6	77.3	77.3	76.5	76.4	70.4	76.4	76.6	76.6	77.5	76.6
1494	50.0	10.22	77.8	77.6	77.8	79.2	77.6	78.1	77.8	78.5	78.4	78.1	77.7	73.9	77.6	77.8	77.9	77.9	77.7
1495	50.0	8.58	77.2	77.0	77.4	77.6	77.3	77.0	77.6	77.9	77.8	77.8	77.3	72.6	76.9	77.0	77.6	78.3	77.3
1496	50.0	6.99	77.4	77.4	77.4	75.9	77.5	77.8	77.6	78.3	78.0	77.5	77.5	74.0	77.5	77.4	77.7	77.8	77.5
1497	50.0	4.68	77.5	77.2	77.8	77.4	77.6	77.5	77.4	78.2	77.8	77.3	77.5	72.6	77.7	77.9	77.6	77.9	77.7
1498	49.7	3.18	77.7	77.5	77.6	77.7	77.5	77.8	77.8	78.3	77.8	77.7	77.4	74.0	77.5	77.7	77.8	77.8	77.7
1499	49.8	2.09	76.6	76.4	76.9	76.0	76.7	76.9	76.7	77.3	77.4	76.8	76.8	71.5	76.6	76.8	76.9	77.5	76.9
1500	49.8	1.25	78.2	77.8	77.9	77.9	77.7	78.0	77.8	78.7	78.3	77.8	77.9	71.0	78.0	78.3	77.9	78.4	78.0
1501	49.8	0.57	76.8	76.4	77.0	77.4	76.7	77.3	78.9	77.7	77.5	77.1	76.8	73.3	77.0	76.7	76.9	77.3	78.9
1502	49.7	2.07	76.4	76.1	76.4	76.7	76.1	76.3	76.2	76.7	76.7	76.0	76.3	72.5	76.4	76.6	76.3	76.9	76.3
1503	50.3	6.17	78.0	77.7	77.9	78.2	77.9	77.4	77.9	78.9	78.3	77.6	77.8	69.1	77.7	78.4	77.9	78.2	78.2
1504	50.2	15.21	77.7	77.6	78.1	77.5	77.8	78.0	78.1	78.5	78.5	78.1	77.9	73.2	77.7	77.7	78.3	79.1	77.7
1505	50.3	19.11	120.6	120.9	121.5	120.7	120.8	121.3	121.5	121.5	121.6	120.8	120.7	116.6	120.9	120.9	120.8	123.1	121.1
1506	50.2	16.93	121.1	120.9	121.8	120.4	120.8	121.7	121.4	121.9	122.1	120.6	120.8	114.3	120.9	121.4	120.9	120.7	121.2
1507	50.0	14.76	120.9	121.0	121.8	121.2	120.9	122.4	121.0	122.0	122.3	120.9	121.0	116.3	121.6	121.4	121.6	121.7	121.0
1508	50.4	12.76	120.9	120.8	121.8	122.5	120.9	121.8	119.9	122.1	121.8	120.6	120.8	112.5	120.6	121.5	121.1	121.4	121.4
1509	50.0	10.99	120.9	120.8	122.1	122.8	120.9	121.7	123.4	122.0	122.0	120.9	121.0	114.8	120.9	120.7	121.5	121.7	121.1
1510	50.0	9.08	119.6	119.6	120.5	120.0	119.4	119.7	120.3	120.9	120.0	118.9	119.6	114.5	119.8	120.1	119.8	122.2	120.0
1511	50.2	7.49	120.8	120.9	121.8	120.7	120.8	121.6	121.8	122.3	122.4	120.4	120.9	112.3	120.6	121.8	121.0	122.3	121.3
1512	49.8	6.11	120.9	121.1	122.3	122.9	121.1	122.9	122.7	122.6	122.7	121.0	121.3	115.0	121.8	122.0	121.5	122.2	121.7
1513	49.9	4.72	120.6	120.2	121.1	120.7	120.4	120.4	120.3	121.2	120.8	119.9	120.3	110.1	120.8	120.7	120.3	121.4	120.6
1514	50.0	3.59	121.0	121.2	123.0	121.9	120.9	122.8	122.2	123.1	122.3	120.8	121.2	108.9	122.6	121.8	121.3	122.7	121.9
1515	49.6	2.63	120.9	121.1	122.5	121.8	120.9	122.7	120.6	123.4	122.6	121.0	121.2	108.4	122.0	122.0	121.9	122.3	121.5
1516	50.1	1.75	121.0	120.9	122.0	120.5	120.9	121.4	121.7	122.5	122.3	120.6	120.9	112.8	121.7	122.3	121.0	121.8	121.3
1517	50.0	1.01	121.0	121.3	117.7	121.7	121.2	122.9	122.5	123.1	123.0	121.2	121.2	117.4	122.2	122.2	122.2	122.4	121.8
1518	50.0	0.51	119.4	119.4	118.6	120.2	119.4	119.7	119.9	120.4	119.9	119.2	119.5	111.3	119.2	120.1	119.7	120.7	119.9
1519	50.1	0.54	119.7	119.7	122.7	118.6	119.5	120.2	120.2	120.8	120.4	119.3	119.9	112.6	119.9	120.1	119.8	120.6	120.1
1520	49.5	5.47	120.8	120.9	123.0	121.8	120.9	121.8	121.9	121.9	122.2	120.8	120.9	116.1	121.4	121.0	121.6	122.0	121.2
1521	49.6	19.25	290.5	297.5	310.1	295.5	311.8	310.3	313.2	321.6	326.8	313.2	315.8	310.5	327.9	320.8	318.6	327.8	330.5
1522	49.9	18.16	292.1	298.9	313.2	298.2	313.9	312.5	314.7	324.4	327.9	315.6	317.9	311.6	331.7	324.5	320.4	330.5	332.8
1523	50.2	15.75	296.4	303.5	316.7	302.8	320.2	318.8	318.0	330.3	335.5	322.5	325.0	320.0	338.7	330.1	328.2	337.0	340.2
1524	50.1	13.60	301.1	308.8	325.9	307.5	327.3	325.8	328.1	338.0	344.2	329.5	332.5	328.7	346.4	338.4	335.8	344.6	348.3
1525	49.0	11.71	301.0	308.3	326.6	309.8	328.1	327.3	330.0	339.9	345.3	332.2	334.7	330.5	347.5	339.5	338.2	347.6	350.0
1526	49.9	10.12	305.2	312.8	331.2	315.2	334.1	332.7	335.7	346.3	352.3	339.1	341.6	336.9	355.6	347.8	345.1	355.0	357.8
1527	50.4	8.24	307.6	316.0	334.4	317.5	339.1	338.2	343.0	352.9	358.7	345.0	348.0	343.8	362.5	354.3	351.4	361.4	364.9
1528	49.8	6.67	313.9	322.3	344.5	326.7	348.1	347.6	352.7	363.6	370.2	356.2	359.1	355.0	373.0	365.9	363.4	371.9	377.0
1529	50.2	4.11	328.6	336.1	362.0	344.1	370.7	369.7	121.5	389.3	398.0	382.4	386.7	381.3	402.6	394.6	391.6	402.9	406.4
1530	50.6	3.13	334.5	342.9	370.7	352.7	381.3	380.6	115.3	402.2	410.6	395.1	400.4	395.0	417.3	409.1	405.8	417.4	421.4
1531	50.5	2.52	340.2	348.2	381.5	362.2	395.3	393.0	117.0	418.2	424.8	408.4	416.4	411.1	435.1	426.5	423.5	434.8	439.3
1532	49.7	1.98	348.8	358.6	395.5	377.0	411.8	412.0	115.3	436.9	440.4	424.6	433.1	426.1	448.9	440.8	439.9	448.6	452.3
1533	49.6	1.77	352.9	361.1	402.0	382.0	419.3	419.9	109.6	443.5	445.3	428.4	437.4	428.3	454.3	446.6	443.7	455.7	456.8
1534	50.6	1.61	360.8	370.2	414.4	394.8	434.9	433.0	122.3	451.2	452.2	437.5	443.5	435.2	459.3	452.9	447.9	466.1	458.6
1535	50.3	1.57	367.3	376.1	421.9	403.6	440.5	438.9	112.8	454.8	454.3	438.9	444.7	436.6	459.8	453.7	446.5	456.7	458.4
1536	50.5	1.70	371.0	380.2	427.7	411.2	446.0	442.8	111.9	458.8	455.7	443.2	445.7	437.8	456.9	450.7	446.0	455.0	457.6
1537	50.4	2.41	380.4	389.5	434.7	415.2	449.7	447.0	120.6	462.6	456.1	444.3	446.2	438.2	455.7	450.3	445.5	454.0	456.1
1538	51.0	3.41	393.7	403.6	441.6	428.2	454.6	451.4	115.0	464.8	457.0	445.8	447.5	439.8	455.6	450.2	446.1	453.5	455.5
1539	50.1	5.31	318.8	327.0	349.5	334.2	357.0	356.3	116.3	372.6	379.6	368.2	370.4	363.9	383.9	375.8	375.7	383.1	386.8

SRL Single Tube Flow Instability Test # 7.0
Stainless Steel ID = 0.600"

	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77
RUN	BL	TKW04E	BL	TJREF	BL	BL	BL	BL	BL	BL	BL	BL	BL	RTS	HRATIO	SVOLT	SPT01				
	TEW01E	TKW07W	TKW01S	TEREF	BL	BL	PWR2	QUALITY	HLOSS	SCURR	SDPT1										
1490	77.4	0	77.5	78.0	77.4	0	33.2	32.1	62	0	0	0	0.0	-0.002	0.00	0.0	100.0	0.0	0.0	1.1	0.4
1491	77.8	0	82.2	78.2	77.6	0	33.4	32.2	62	0	0	0	0.0	-0.034	0.00	0.0	100.0	0.0	0.0	1.0	0.8
1492	77.8	0	81.8	77.6	77.4	0	33.2	32.3	62	0	0	0	0.0	0.104	0.00	0.0	100.0	0.0	0.0	1.6	1.4
1493	76.6	0	74.9	77.2	77.1	0	33.6	32.2	62	0	0	0	0.0	0.015	0.00	0.0	100.0	0.0	0.0	0.9	1.9
1494	77.8	0	79.1	78.6	77.0	0	33.5	32.2	62	0	0	0	0.0	-0.042	0.00	0.0	100.0	0.0	0.0	1.0	2.4
1495	77.4	0	72.9	77.6	76.9	0	33.7	32.1	62	0	0	0	0.0	0.040	0.00	0.0	100.0	0.0	0.0	1.0	2.8
1496	77.4	0	79.1	78.0	62.6	0	33.3	32.3	62	0	0	0	0.0	-0.077	0.00	0.0	100.0	0.0	0.0	0.8	5.0
1497	77.4	0	81.2	77.9	84.1	0	33.2	32.1	62	0	0	0	0.0	-0.295	0.00	0.0	100.0	0.0	0.0	0.8	6.4
1498	77.5	0	78.1	77.6	89.5	0	33.1	32.1	62	0	0	0	0.0	0.247	0.00	0.0	100.0	0.0	0.0	0.6	6.4
1499	77.0	0	77.8	77.6	68.8	0	33.4	32.1	62	0	0	0	0.0	-0.010	0.00	0.0	100.0	0.0	0.0	0.4	8.7
1500	77.7	0	76.4	78.2	71.0	0	33.5	32.1	62	0	0	0	0.0	-0.073	0.00	0.0	100.0	0.0	0.0	0.5	6.9
1501	76.8	0	79.5	78.9	89.3	0	33.3	32.2	62	0	0	0	0.0	-0.111	0.00	0.0	100.0	0.0	0.0	0.4	10.4
1502	76.6	0	77.4	77.4	77.2	0	33.3	32.1	62	0	0	0	0.0	-0.040	0.00	0.0	100.0	0.0	0.0	0.4	5.0
1503	77.8	0	76.5	78.9	79.8	0	33.1	32.2	62	0	0	0	0.0	0.022	0.00	0.0	100.0	0.0	0.0	0.9	5.2
1504	78.0	0	78.2	78.2	68.5	0	33.2	32.2	62	0	0	0	0.0	0.000	0.00	0.0	100.0	0.0	0.0	1.0	1.9
1505	121.7	0	120.6	120.7	118.7	0	33.2	31.8	62	0	0	0	0.0	0.047	0.00	0.0	100.0	0.0	0.0	1.3	1.0
1506	121.7	0	120.8	121.1	118.5	0	33.3	31.8	62	0	0	0	0.0	0.032	0.00	0.0	100.0	0.0	0.0	1.0	1.9
1507	122.0	0	124.3	121.8	114.3	0	33.0	32.1	62	0	0	0	0.0	-0.050	0.00	0.0	100.0	0.0	0.0	1.0	2.3
1508	121.6	0	122.6	120.5	120.1	0	33.0	31.7	62	0	0	0	0.0	-0.050	0.00	0.0	100.0	0.0	0.0	1.3	3.0
1509	121.9	0	119.0	120.1	127.8	0	32.8	32.0	62	0	0	0	0.0	0.053	0.00	0.0	100.0	0.0	0.0	1.1	2.2
1510	120.4	0	131.3	119.9	115.4	0	33.1	32.1	62	0	0	0	0.0	0.155	0.00	0.0	100.0	0.0	0.0	1.0	4.0
1511	121.9	0	121.1	121.5	125.1	0	33.1	31.9	62	0	0	0	0.0	-0.060	0.00	0.0	100.0	0.0	0.0	1.1	3.4
1512	122.1	0	119.4	121.7	118.8	0	33.0	31.8	62	0	0	0	0.0	0.008	0.00	0.0	100.0	0.0	0.0	1.0	7.1
1513	121.1	0	118.6	120.3	124.0	0	33.3	32.0	62	0	0	0	0.0	0.008	0.00	0.0	100.0	0.0	0.0	0.9	8.7
1514	121.8	0	121.3	121.8	119.2	0	33.1	32.0	62	0	0	0	0.0	0.008	0.00	0.0	100.0	0.0	0.0	0.7	7.5
1515	121.9	0	121.1	122.3	118.6	0	32.8	32.0	62	0	0	0	0.0	0.007	0.00	0.0	100.0	0.0	0.0	0.6	13.6
1516	121.8	0	120.7	121.7	117.8	0	32.9	31.9	62	0	0	0	0.0	0.038	0.00	0.0	100.0	0.0	0.0	0.5	11.4
1517	122.3	0	121.3	121.2	121.0	0	33.4	32.2	62	0	0	0	0.0	-0.073	0.00	0.0	100.0	0.0	0.0	0.6	7.0
1518	120.2	0	119.0	119.9	118.5	0	33.5	31.7	62	0	0	0	0.0	0.094	0.00	0.0	100.0	0.0	0.0	0.3	7.3
1519	120.2	0	119.7	120.5	121.1	0	32.9	32.0	62	0	0	0	0.0	0.240	0.00	0.0	100.0	0.0	0.0	0.6	6.9
1520	122.0	0	121.0	121.0	120.0	0	33.4	31.8	62	0	0	0	0.0	-0.057	0.00	0.0	100.0	0.0	0.0	0.6	4.0
1521	316.3	0	321.4	254.7	327.8	0	33.1	31.8	62	0	0	0	144.8	0.021	-16.11	100.2	-0.2	2.6	0.2	1.1	0.9
1522	318.2	0	331.9	268.0	333.8	0	32.8	31.7	62	0	0	0	146.0	0.021	-15.83	99.4	0.6	2.7	0.2	1.3	1.1
1523	325.2	0	329.6	273.6	339.0	0	35.3	31.9	62	0	0	0	145.0	0.021	-15.62	101.2	-1.2	3.0	0.2	1.2	2.2
1524	333.8	0	341.2	282.7	346.2	0	32.3	31.7	62	0	0	0	146.9	0.021	-15.36	100.3	-0.3	2.8	0.4	1.4	2.0
1525	335.7	0	353.9	285.9	347.2	0	30.8	31.6	62	0	0	0	144.7	0.021	-14.91	100.7	-0.7	2.8	0.3	0.8	1.8
1526	343.0	0	348.4	297.5	357.9	0	30.3	31.7	62	0	0	0	146.5	0.021	-14.54	99.8	0.2	2.7	0.3	1.0	3.6
1527	349.4	0	357.0	304.8	365.4	0	35.0	32.2	62	0	0	0	146.1	0.021	-14.12	100.0	0.0	2.9	0.2	0.8	4.6
1528	361.5	0	368.3	315.5	376.4	0	33.3	31.9	62	0	0	0	145.6	0.021	-13.36	101.7	-1.7	2.9	0.2	0.8	6.1
1529	391.0	0	395.3	353.5	407.2	0	31.4	31.7	62	0	0	0	146.6	0.021	-11.41	100.1	-0.1	2.5	0.2	0.8	8.7
1530	404.9	0	408.7	371.0	418.4	0	32.8	31.7	62	0	0	0	145.4	0.021	-10.26	99.8	0.2	2.5	0.2	0.7	10.9
1531	422.7	0	429.7	379.3	435.9	0	33.6	31.8	62	0	0	0	145.3	0.021	-8.68	99.1	0.9	2.7	0.2	0.6	10.0
1532	437.6	0	443.2	385.2	449.8	0	32.9	31.9	62	0	0	0	144.2	0.022	-8.99	99.8	0.2	2.7	0.2	0.5	6.8
1533	441.8	0	450.1	389.6	459.0	0	33.3	31.7	62	0	0	0	144.6	0.022	-5.96	99.6	0.4	2.6	0.2	0.6	4.2
1534	445.3	0	452.1	406.3	459.3	0	33.9	32.0	62	0	0	0	145.4	0.022	-4.54	100.1	-0.1	2.7	0.2	0.8	4.2
1535	445.4	0	453.1	397.0	459.3	0	33.0	32.0	62	0	0	0	144.9	0.022	-3.75	102.1	-2.1	2.6	0.3	0.8	8.1
1536	445.4	0	450.5	404.0	454.9	0	33.0	31.8	62	0	0	0	145.0	0.022	-2.40	100.7	-0.7	2.6	0.3	3.4	26.4
1537	445.3	0	450.4	137.9	455.2	0	32.6	32.0	62	0	0	0	146.8	0.022	-1.18	99.7	0.3	2.7	0.2	1.8	22.6
1538	444.7	0	451.6	62.0	453.5	0	33.0	31.9	62	0	0	0	146.1	0.022	0.49	97.3	2.7	2.4	0.2	0.9	5.3
1539	373.4	0	377.4	62.0	383.9	0	33.1	32.0	62	0	0	0	144.6	0.021	-12.74	100.6	-0.6	2.6	0.2	0.7	4.1

SRL Single Tube Flow Instability Test # 7.0
Stainless Steel ID = 0.600"

78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
RUN	SDPT2	SRT11	BL	BL	DPL	VTL	HL	ID	DATE	TEST#	PTO2	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
	SFT11	BL	BL						TIME	RUN#	DT3											
1490	6.4	0.4	0.3	0	0	0	100.5	95.5	96.0	0.600	8908.25	1452.25	7	1490	50.0	44.9	0	0	0	0	0	0
1491	9.2	0.3	0.3	0	0	0	100.5	95.5	96.0	0.600	8908.25	1501.21	7	1491	50.0	39.2	0	0	0	0	0	0
1492	12.0	0.3	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.25	1510.00	7	1492	50.0	33.9	0	0	0	0	0	0
1493	7.1	0.4	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.25	1512.27	7	1493	50.0	27.8	0	0	0	0	0	0
1494	15.8	0.4	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.25	1517.28	7	1494	50.0	22.5	0	0	0	0	0	0
1495	19.9	0.3	0.3	0	0	0	100.5	95.5	96.0	0.600	8908.25	1530.05	7	1495	50.0	18.9	0	0	0	0	0	0
1496	20.2	0.5	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.25	1534.34	7	1496	50.0	15.4	0	0	0	0	0	0
1497	18.9	1.1	0.3	0	0	0	100.5	95.5	96.0	0.600	8908.25	1537.01	7	1497	50.0	10.3	0	0	0	0	0	0
1498	15.1	0.8	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.25	1542.18	7	1498	49.7	7.0	0	0	0	0	0	0
1499	13.7	0.5	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.25	1544.29	7	1499	49.8	4.6	0	0	0	0	0	0
1500	14.2	0.6	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.25	1547.08	7	1500	49.8	2.8	0	0	0	0	0	0
1501	19.8	1.4	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.25	1553.17	7	1501	49.8	1.3	0	0	0	0	0	0
1502	7.7	0.8	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.25	1559.54	7	1502	49.7	4.6	0	0	0	0	0	0
1503	11.2	0.4	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.25	1601.45	7	1503	50.3	13.6	0	0	0	0	0	0
1504	9.4	0.6	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.25	1605.01	7	1504	50.2	33.5	0	0	0	0	0	0
1505	12.9	0.4	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.28	1619.36	7	1505	50.3	42.1	0	0	0	0	0	0
1506	13.2	0.4	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.28	1621.57	7	1506	50.2	37.3	0	0	0	0	0	0
1507	12.9	0.7	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.28	1625.33	7	1507	50.0	32.5	0	0	0	0	0	0
1508	17.7	0.6	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.28	1627.30	7	1508	50.4	28.1	0	0	0	0	0	0
1509	13.3	0.4	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.28	1630.29	7	1509	50.0	24.2	0	0	0	0	0	0
1510	18.8	0.4	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.28	1635.45	7	1510	50.0	20.0	0	0	0	0	0	0
1511	21.0	0.4	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.28	1638.19	7	1511	50.2	16.5	0	0	0	0	0	0
1512	22.6	0.6	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.28	1641.17	7	1512	49.8	13.5	0	0	0	0	0	0
1513	26.0	0.6	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.28	1643.20	7	1513	49.9	10.4	0	0	0	0	0	0
1514	25.8	0.5	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.28	1645.26	7	1514	50.0	7.9	0	0	0	0	0	0
1515	25.1	0.6	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.28	1648.23	7	1515	49.6	5.8	0	0	0	0	0	0
1516	14.8	0.7	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.28	1650.51	7	1516	50.1	3.9	0	0	0	0	0	0
1517	11.6	0.8	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.28	1706.29	7	1517	50.0	2.2	0	0	0	0	0	0
1518	14.5	1.4	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.28	1708.23	7	1518	50.0	1.1	0	0	0	0	0	0
1519	15.8	1.2	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.28	1710.59	7	1519	50.1	1.2	0	0	0	0	0	0
1520	14.2	0.4	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.28	1714.17	7	1520	49.5	12.1	0	0	0	0	0	0
1521	10.0	0.6	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1325.09	7	1521	49.6	42.4	0	0	0	0	0	0
1522	8.8	0.4	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1332.12	7	1522	49.9	40.0	0	0	0	0	0	0
1523	12.2	0.9	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1335.59	7	1523	50.2	34.7	0	0	0	0	0	0
1524	15.4	0.5	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1346.02	7	1524	50.1	30.0	0	0	0	0	0	0
1525	8.5	0.4	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1354.45	7	1525	49.0	25.8	0	0	0	0	0	0
1526	18.1	0.4	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.29	1406.24	7	1526	49.9	22.3	0	0	0	0	0	0
1527	14.4	1.0	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.29	1411.27	7	1527	50.4	18.2	0	0	0	0	0	0
1528	16.3	0.9	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1417.07	7	1528	49.8	14.7	0	0	0	0	0	0
1529	20.2	0.7	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1437.05	7	1529	50.2	9.1	0	0	0	0	0	0
1530	23.8	1.0	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.29	1447.58	7	1530	50.6	6.9	0	0	0	0	0	0
1531	14.1	0.6	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1502.06	7	1531	50.5	5.6	0	0	0	0	0	0
1532	9.9	0.6	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1508.10	7	1532	49.7	4.4	0	0	0	0	0	0
1533	11.3	1.2	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1510.33	7	1533	49.6	3.9	0	0	0	0	0	0
1534	15.1	1.2	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1518.23	7	1534	50.6	3.6	0	0	0	0	0	0
1535	38.7	1.9	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1532.50	7	1535	50.3	3.5	0	0	0	0	0	0
1536	132.0	1.7	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.29	1538.18	7	1536	50.5	3.8	0	0	0	0	0	0
1537	76.1	0.9	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.29	1542.32	7	1537	50.4	5.3	0	0	0	0	0	0
1538	19.1	0.7	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.29	1545.55	7	1538	51.0	7.5	0	0	0	0	0	0
1539	13.2	0.7	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.29	1552.54	7	1539	50.1	11.7	0	0	0	0	0	0

SRL Single Tube Flow Instability Test # 7.0
Stainless Steel ID = 0.600"

RUN	1 PWR1	2 HFLX	3 VOLT8	4 VOLT8	5 CURRT1	6 CURRT2	7 PT11	8 PT12	9 PTO1	10 PTO3	11 PBI1	12 PBO1	13 PL1	14 PL2	15 PD1	16 PX11	17 PXO1	18 PPI1	19 PPO1
1540	146.0	0.399	55.5	55.5	2632	2613	56.6	62.4	50.6	46.6	62.1	51.6	100.1	52.0	41.1	49.1	41.0	29.8	83.9
1541	145.9	0.398	54.9	54.6	2671	2650	66.3	79.0	50.2	47.0	78.8	52.0	89.3	52.8	31.4	49.2	31.3	20.1	73.4
1542	145.7	0.398	55.2	54.6	2667	2645	64.0	75.2	50.2	46.6	75.1	51.8	91.8	52.2	33.4	48.9	33.3	22.0	75.7
1543	146.1	0.399	55.1	54.8	2666	2642	60.6	69.5	49.8	46.2	69.3	51.1	95.0	51.5	36.0	48.4	35.9	25.0	78.9
1544	147.1	0.402	55.6	55.0	2673	2649	57.8	64.9	49.9	45.9	64.7	50.9	97.8	51.1	38.6	48.4	38.5	27.5	81.6
1545	147.7	0.403	55.6	55.4	2668	2648	55.6	60.7	49.9	45.8	60.6	50.7	100.3	51.1	40.9	48.3	40.8	29.9	84.2
1546	146.3	0.400	55.5	55.2	2652	2631	53.3	57.2	49.9	45.6	57.1	50.6	102.9	50.9	42.8	48.5	42.8	32.0	86.4
1547	146.3	0.399	55.4	55.3	2645	2628	51.0	53.6	49.9	45.5	53.5	50.3	104.9	50.8	44.6	48.2	44.5	33.9	88.7
1548	145.4	0.397	55.7	55.3	2628	2608	50.0	51.7	49.8	45.2	51.8	50.1	106.5	50.5	45.6	48.2	45.6	35.1	89.8
1549	145.3	0.397	55.5	55.6	2615	2598	49.5	50.2	50.1	45.4	50.3	50.3	108.1	50.7	46.9	48.4	46.8	36.3	91.2
1550	147.5	0.403	56.5	56.1	2628	2610	48.8	49.3	49.8	45.0	49.2	50.1	108.7	50.9	47.1	48.4	47.0	37.0	92.2
1551	146.5	0.400	56.3	56.2	2609	2588	48.5	48.7	50.2	45.7	48.7	50.3	109.1	50.3	47.8	48.6	47.7	37.7	92.5
1552	145.2	0.396	56.4	56.1	2588	2567	48.2	48.0	50.1	45.6	48.0	50.0	109.4	49.7	47.7	48.4	47.7	37.9	92.5
1553	145.5	0.397	56.6	56.3	2584	2561	48.1	47.7	50.3	45.6	47.8	50.3	109.6	50.9	47.8	48.3	47.8	38.0	93.2
1554	147.3	0.402	57.2	56.9	2590	2570	49.3	48.6	50.3	45.9	48.5	50.4	107.3	50.5	45.1	47.1	45.1	35.5	90.0
1555	147.0	0.401	57.1	56.8	2590	2567	48.4	48.0	50.4	46.1	47.9	50.3	109.8	51.7	47.8	48.2	47.9	38.4	93.0
1556	147.3	0.402	57.1	56.8	2594	2573	49.9	49.6	52.0	47.5	49.5	51.9	111.7	52.5	49.1	49.5	49.2	39.6	94.9
1557	145.4	0.397	55.2	55.0	2643	2625	54.3	59.0	50.6	46.2	58.9	51.1	102.2	52.2	42.2	48.7	42.2	32.6	85.4
1558	289.2	0.790	79.9	79.0	3659	3636	64.9	78.2	49.9	46.4	78.1	53.8	88.8	51.9	30.1	48.5	30.0	17.7	72.5
1559	293.6	0.802	80.2	80.0	3671	3645	65.0	77.9	50.1	46.5	77.7	53.9	88.6	52.0	30.6	48.5	30.5	18.2	72.2
1560	292.1	0.798	80.0	79.7	3663	3638	63.0	74.7	49.8	46.2	74.7	53.5	90.1	51.5	32.0	48.3	31.8	19.5	74.1
1561	293.6	0.802	80.5	80.1	3665	3638	59.7	68.7	50.0	46.0	68.7	53.1	94.8	51.2	35.4	48.2	35.3	23.2	78.5
1562	292.7	0.799	80.6	80.2	3648	3625	56.9	64.1	50.0	45.8	63.9	53.2	98.3	51.9	38.4	48.1	38.2	26.3	81.8
1563	292.1	0.797	80.7	80.4	3635	3609	54.7	60.0	50.1	45.7	59.9	53.0	101.0	51.7	40.9	48.2	40.8	29.1	84.7
1564	292.2	0.798	81.2	80.9	3612	3587	51.4	54.1	49.9	44.5	54.1	51.9	104.5	50.7	44.1	48.0	44.0	32.5	88.1
1565	292.4	0.798	81.6	81.0	3608	3582	50.7	52.9	50.0	44.9	52.8	51.5	105.9	50.3	45.0	48.1	44.9	33.8	89.3
1566	292.7	0.799	81.6	81.2	3606	3583	50.8	52.5	50.0	45.2	52.6	51.2	106.3	50.5	45.4	48.2	45.2	34.2	89.5
1567	292.0	0.797	80.9	80.5	3628	3604	53.4	57.4	50.1	45.0	57.5	50.2	102.7	53.4	42.4	48.3	42.3	31.0	86.3
1568	293.2	0.800	81.8	81.3	3604	3580	50.9	52.5	50.4	45.1	52.5	50.2	107.1	47.7	45.9	48.5	45.8	35.0	90.3
1569	292.1	0.798	81.7	81.3	3595	3575	50.0	51.2	49.8	44.5	51.2	49.6	106.5	50.5	45.6	47.8	45.4	34.7	89.6
1570	290.9	0.794	81.6	81.1	3586	3561	50.2	51.3	50.3	44.6	51.2	49.5	106.9	50.3	45.2	47.1	45.1	34.4	89.8
1571	291.0	0.795	81.9	81.2	3583	3562	52.4	52.8	50.4	45.8	52.9	51.1	107.1	52.4	45.7	48.1	45.5	34.9	90.0
1572	294.3	0.804	81.4	81.0	3634	3606	52.6	56.1	50.3	45.1	56.0	50.9	103.7	51.6	42.9	48.1	42.7	32.1	86.8
1573	293.5	0.801	80.7	80.1	3664	3636	59.4	67.5	50.3	46.0	67.6	51.3	96.0	52.0	36.8	48.7	36.6	25.9	79.5
1574	294.2	0.803	80.8	80.4	3662	3631	65.4	78.2	50.0	46.5	78.1	51.4	88.4	52.4	30.9	49.4	30.7	20.1	72.5
1575	293.2	0.801	80.8	80.4	3648	3622	63.3	73.2	50.1	46.1	74.0	51.3	91.2	51.8	33.1	49.0	33.0	22.2	74.8
1576	291.7	0.796	80.7	80.3	3635	3610	60.1	69.1	50.1	45.8	69.1	51.0	94.0	52.1	35.7	49.0	35.6	24.8	77.8
1577	291.7	0.796	80.8	80.4	3627	3597	57.8	64.7	50.2	45.7	64.8	50.9	96.8	52.1	38.3	49.0	38.1	27.2	80.4
1578	290.1	0.792	80.9	80.2	3616	3591	57.3	63.1	50.4	46.0	63.2	51.0	98.5	51.7	39.7	49.2	39.6	28.5	82.2
1579	291.7	0.796	80.8	80.6	3620	3593	56.0	61.6	50.0	45.5	61.7	50.3	98.8	51.8	39.8	48.7	39.6	29.0	82.2
1580	294.1	0.803	81.6	81.0	3629	3603	54.5	59.0	50.0	45.5	59.0	50.2	101.0	50.5	41.4	48.8	41.3	30.5	84.2
1581	294.3	0.803	81.6	81.2	3623	3596	53.6	57.2	50.0	45.2	57.3	50.1	102.0	52.0	42.4	48.8	42.3	31.6	85.4
1582	293.8	0.802	81.6	81.5	3607	3582	53.1	55.7	50.4	45.6	55.8	50.6	103.5	50.6	43.8	48.9	43.7	32.9	86.9
1583	291.0	0.795	81.5	80.8	3602	3577	52.4	55.1	49.8	45.0	55.2	50.1	102.6	50.4	42.7	48.2	42.5	32.0	86.0
1584	291.8	0.797	81.6	81.2	3592	3568	52.4	54.6	50.4	45.4	54.5	50.3	104.1	51.5	44.0	48.4	43.8	33.6	87.5
1585	286.3	0.782	82.0	79.7	3592	3566	52.1	54.1	50.5	45.3	54.0	50.2	103.8	51.0	43.6	48.0	43.4	33.2	87.1
1586	293.9	0.802	81.8	81.8	3595	3568	52.0	53.5	50.3	45.1	53.7	49.9	103.1	51.6	43.5	47.6	43.3	33.2	86.8
1587	291.0	0.795	81.5	81.2	3586	3559	52.6	54.1	50.4	45.5	54.1	50.1	103.9	51.5	43.7	47.7	43.5	33.2	87.3
1588	292.3	0.798	81.7	81.6	3584	3557	54.7	56.0	50.8	47.0	55.9	51.8	104.7	53.1	44.3	49.6	44.1	34.1	88.0
1589	295.7	0.807	81.3	80.9	3654	3630	60.0	67.4	49.9	46.0	67.3	50.8	94.6	52.0	36.7	49.1	36.5	26.3	78.7
1590	292.9	0.800	80.6	80.4	3641	3614	61.9	72.0	50.4	46.5	71.9	51.6	91.9	52.5	34.6	49.7	34.5	24.3	76.1

SRL Single Tube Flow Instability Test # 7.0
Stainless Steel ID = 0.600"

RUN	20 PA1	21 DT1	22 DT2	23 DP1	24 DLV1	25 OL1	26 FLJ1	27 FT11	28 FBI1	29 FX1	30 FX2	31 FS1	32 TRT11	33 TRT12	34 TRTO1	35 TRTO2	36 JX1	37 JXO1
1540	40.3	9.49	9.10	53.7	0.1	20.32	21.40	21.52	0.00	20.79	21.69	301.7	121.9	121.0	168.9	171.2	170.3	166.8
1541	30.7	19.04	19.02	53.0	-0.3	28.36	31.09	31.06	0.00	30.46	31.08	295.8	76.5	76.1	108.8	109.4	108.4	77.9
1542	32.7	17.38	16.94	53.5	-0.1	26.25	29.25	29.08	0.00	28.56	29.15	296.7	76.3	76.3	110.7	111.6	111.7	70.3
1543	35.2	14.18	13.76	53.5	0.0	24.18	26.32	26.21	0.00	25.49	26.08	296.3	77.5	77.1	115.9	116.4	115.4	73.6
1544	37.8	11.39	10.99	53.9	0.0	20.92	23.44	23.38	0.00	22.95	23.43	296.6	77.5	77.3	121.5	122.6	121.0	63.3
1545	40.1	8.94	8.57	54.0	0.0	18.50	20.67	20.63	0.00	20.11	20.51	299.6	77.5	77.6	127.0	128.5	127.3	63.0
1546	42.1	6.81	6.50	54.3	-0.2	16.14	17.95	17.76	0.00	17.36	17.92	301.1	77.8	77.6	134.5	136.0	134.7	63.3
1547	43.8	4.82	4.70	54.4	-0.2	12.25	14.85	14.80	0.00	14.33	14.89	303.4	76.5	76.5	145.6	147.5	141.9	73.4
1548	44.8	3.58	3.45	54.5	-0.2	12.37	12.65	12.64	0.00	11.63	12.76	302.9	77.6	77.6	158.0	159.8	156.3	61.9
1549	46.1	2.54	2.45	54.7	-0.4	9.21	10.51	10.46	0.00	10.16	10.73	304.5	76.5	76.1	171.8	174.4	168.1	96.7
1550	46.3	2.05	1.98	54.8	-0.3	9.21	9.24	9.27	0.00	8.25	9.49	304.4	77.7	77.6	187.7	191.0	186.4	55.2
1551	47.0	1.61	1.56	54.6	-0.3	8.16	7.77	8.11	0.00	6.61	8.34	305.7	77.0	76.6	201.2	205.3	195.5	71.2
1552	47.0	1.24	1.19	54.5	-0.4	7.18	6.00	6.67	0.00	4.79	6.99	306.1	77.6	77.6	226.7	232.1	223.9	54.4
1553	47.0	1.04	1.01	54.7	-0.3	6.28	4.60	5.68	0.00	4.76	6.73	306.4	76.5	76.1	253.6	260.6	240.2	79.7
1554	43.9	1.92	1.82	54.5	-0.5	2.46	3.04	4.71	0.00	5.18	6.65	307.7	77.4	77.1	289.5	298.6	276.1	62.6
1555	47.1	1.09	1.01	54.5	-0.4	3.01	3.82	5.25	0.00	0.00	6.00	305.0	76.0	76.1	267.5	275.2	228.4	55.1
1556	48.4	1.09	1.05	54.6	-0.3	1.23	3.77	5.33	0.00	0.47	5.58	304.8	77.5	77.1	269.5	277.1	254.8	54.2
1557	41.5	7.56	7.31	52.9	-0.2	16.83	18.84	18.84	0.00	17.86	18.77	301.6	78.0	77.1	131.6	132.8	134.1	129.1
1558	29.6	18.30	18.14	54.9	-0.2	28.76	32.21	31.45	0.00	31.10	31.64	296.7	76.6	77.0	140.6	141.8	141.1	67.5
1559	30.1	18.16	17.88	53.9	-0.2	28.70	31.25	31.23	0.00	30.83	31.37	295.3	76.0	76.0	141.0	142.0	139.2	74.6
1560	31.4	16.76	16.33	54.9	-0.2	27.16	29.90	29.72	0.00	29.36	29.93	297.5	77.5	77.4	145.5	146.8	145.2	69.2
1561	34.9	13.33	13.00	55.4	-0.2	24.49	26.42	26.47	0.00	26.28	26.59	296.4	76.3	76.1	153.5	155.8	151.1	76.0
1562	37.8	10.55	10.16	55.6	-0.3	21.57	23.43	23.42	0.00	23.15	23.56	297.5	77.5	77.6	164.7	167.0	162.9	69.3
1563	40.3	8.14	7.84	55.5	-0.3	18.42	20.44	20.75	0.00	20.02	20.62	296.8	76.5	76.2	175.5	178.0	173.6	67.5
1564	43.5	4.93	4.75	55.6	-0.4	14.41	15.73	15.39	0.00	14.88	15.78	302.5	76.5	76.3	208.0	212.5	204.8	76.0
1565	44.4	4.19	4.04	55.5	-0.4	14.25	14.72	14.11	0.00	13.52	14.29	302.0	77.5	77.5	225.0	229.8	222.9	64.7
1566	44.7	4.05	3.91	55.4	-0.4	12.55	13.86	13.45	0.00	13.33	13.83	303.4	76.6	76.6	229.5	234.7	226.5	70.9
1567	41.7	6.74	6.48	55.1	-0.4	16.92	18.60	18.66	0.00	18.14	18.79	298.2	76.5	76.1	186.5	189.7	183.8	75.7
1568	45.2	3.82	3.69	55.4	-0.5	11.35	12.84	12.68	0.00	12.30	13.34	301.2	77.9	77.6	237.0	243.4	222.8	70.9
1569	44.9	3.48	3.37	55.0	-0.3	10.22	12.01	11.81	0.00	11.31	12.60	303.9	78.0	77.8	249.0	255.5	236.1	68.2
1570	44.5	3.71	3.53	55.4	-0.4	9.85	11.39	10.60	0.00	10.66	11.64	301.8	77.0	77.0	268.0	276.9	264.3	63.8
1571	44.9	4.87	4.47	55.1	-0.4	8.70	12.84	9.78	45.69	13.11	12.89	303.5	77.0	76.8	280.3	288.7	274.5	65.1
1572	42.2	5.87	5.58	54.6	-0.5	15.67	17.14	17.01	0.00	16.54	17.48	301.1	77.5	76.8	198.0	201.8	197.8	71.3
1573	36.1	12.42	12.06	53.6	-0.3	22.79	25.56	25.44	0.00	25.15	26.37	296.9	77.1	77.1	157.5	160.2	161.9	72.4
1574	30.2	18.44	18.23	52.3	-0.2	29.52	31.93	31.68	0.00	31.48	31.88	295.8	121.5	121.1	186.0	189.4	184.8	118.4
1575	32.4	16.46	16.03	52.6	-0.2	27.25	29.55	29.69	0.00	29.35	29.84	296.5	121.5	121.1	190.5	193.7	190.0	117.3
1576	35.0	13.62	13.10	53.1	-0.1	24.35	26.80	26.74	0.00	26.66	27.14	299.2	121.5	121.1	197.4	201.0	196.6	120.5
1577	37.6	11.11	10.72	53.1	-0.3	21.52	23.93	23.99	0.00	24.07	24.32	300.7	122.0	121.6	206.4	211.1	205.0	117.9
1578	38.9	10.05	9.66	53.1	-0.2	20.39	22.91	22.65	0.00	23.18	23.20	301.0	121.6	120.9	210.5	214.8	208.1	109.6
1579	39.1	9.44	9.01	53.2	-0.2	19.78	22.11	21.93	0.00	22.00	22.41	301.8	121.5	121.3	214.0	218.9	214.3	110.8
1580	40.7	7.96	7.61	53.8	-0.4	17.92	20.15	19.89	0.00	19.88	20.41	301.1	121.6	121.6	225.8	231.1	223.3	109.2
1581	41.7	6.94	6.67	53.7	-0.3	16.21	18.33	18.29	0.00	18.25	18.66	300.9	120.6	120.1	233.2	238.3	229.3	87.9
1582	43.0	5.85	5.60	54.0	-0.4	13.26	16.32	16.39	0.00	16.22	17.02	302.6	121.0	120.6	245.5	252.1	242.8	107.0
1583	41.9	5.81	5.60	53.9	-0.3	14.20	16.27	16.44	0.00	16.71	17.55	300.9	121.1	120.6	246.1	253.3	243.4	104.9
1584	43.2	5.19	5.00	53.8	-0.3	12.61	14.74	14.77	0.00	14.76	15.83	302.5	120.5	120.1	258.5	266.0	254.9	92.0
1585	42.8	5.09	4.84	53.7	-0.5	12.05	14.15	14.17	0.00	14.62	16.46	304.2	120.0	119.7	263.0	270.5	261.4	179.8
1586	42.6	5.15	4.93	53.6	-0.4	9.97	13.53	13.78	0.00	14.26	16.03	304.7	120.0	119.9	268.5	276.1	267.4	163.2
1587	42.8	5.67	5.47	53.9	-0.4	10.12	13.03	13.12	0.00	13.30	15.36	304.1	121.0	121.1	276.2	285.0	277.8	160.7
1588	43.3	7.34	6.98	53.8	-0.4	8.74	12.06	12.29	0.00	14.53	17.12	302.1	121.5	121.6	285.5	294.7	281.9	137.6
1589	35.9	12.75	12.28	52.3	-0.1	23.06	26.23	25.71	0.00	25.86	26.06	299.5	120.0	119.9	200.3	205.0	201.1	104.6
1590	33.8	15.16	14.57	51.8	-0.1	26.08	28.30	28.26	0.00	28.17	28.69	297.5	120.5	120.3	192.2	196.0	193.0	111.0

SRL Single Tube Flow Instability Test # 7.0
Stainless Steel ID = 0.600"

RUN	PTO2	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
		TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W										
	DT3	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S											
1540	50.4	9.26	305.3	313.1	331.0	316.3	336.3	335.2	114.2	348.4	354.1	344.7	344.7	340.0	357.4	348.9	349.7	357.2	359.6	
1541	50.2	19.43	260.2	267.3	279.8	265.0	281.2	280.2	114.3	289.1	294.1	283.0	283.5	280.3	295.2	287.9	287.0	295.8	297.3	
1542	50.2	17.21	261.6	269.0	282.2	267.1	283.4	282.2	115.3	292.3	296.8	285.6	286.5	279.4	298.6	291.4	289.4	297.9	300.3	
1543	49.8	13.85	266.1	273.6	287.9	272.5	289.4	288.2	106.6	299.3	303.3	291.1	292.9	290.3	306.5	299.2	295.9	305.6	307.6	
1544	49.9	11.24	275.6	283.8	298.7	281.6	300.9	299.6	112.5	311.8	316.7	302.9	305.6	302.7	320.5	312.1	308.3	319.9	321.6	
1545	49.9	8.92	280.3	288.5	304.7	288.0	307.6	306.4	117.2	320.0	325.1	312.0	314.1	311.0	328.3	320.8	317.5	329.0	330.7	
1546	49.9	6.67	286.6	295.2	313.2	296.0	317.0	316.5	114.8	330.5	336.4	323.4	325.7	321.0	339.9	331.9	329.5	338.9	342.1	
1547	50.0	4.72	296.7	305.9	325.5	308.0	331.4	330.1	112.6	346.9	353.5	338.6	342.3	340.3	358.7	350.3	345.9	357.6	360.7	
1548	49.8	3.54	306.3	314.5	337.1	319.4	344.9	343.5	115.1	363.2	370.5	356.0	359.6	355.5	376.0	367.4	364.3	375.7	379.3	
1549	50.0	2.59	315.3	323.9	350.1	331.8	360.2	359.6	114.2	382.0	390.8	374.7	379.4	374.8	396.3	388.8	384.5	397.4	400.9	
1550	49.8	2.07	326.4	336.0	364.7	346.5	377.7	378.4	117.3	402.9	410.9	394.8	401.4	396.4	418.9	411.1	408.0	420.7	424.2	
1551	50.2	1.70	331.6	342.7	375.6	356.2	391.9	390.9	112.6	418.6	424.8	407.4	416.7	411.1	434.4	426.0	423.8	434.2	438.2	
1552	50.0	1.34	348.8	358.0	397.1	377.7	418.0	417.2	117.2	439.8	443.4	429.2	434.2	427.1	448.8	441.4	439.5	448.8	451.3	
1553	50.3	1.16	366.4	377.3	416.2	400.0	436.2	434.7	114.1	451.6	454.2	439.6	444.7	437.0	458.5	453.0	448.3	456.7	458.5	
1554	50.3	2.00	397.6	410.4	437.0	424.1	448.4	446.0	113.8	462.6	455.6	444.0	445.4	438.3	455.0	448.4	444.5	453.0	455.3	
1555	50.4	1.14	389.6	399.7	429.8	418.0	441.4	439.7	116.4	455.7	455.7	441.2	445.4	438.3	456.2	450.5	443.8	454.1	456.1	
1556	52.0	1.14	383.4	393.2	430.4	412.0	443.7	442.1	106.6	458.1	458.2	445.4	448.6	438.0	459.4	452.6	447.6	455.9	458.5	
1557	50.5	7.40	283.9	293.2	310.6	297.8	316.3	314.8	114.2	327.2	333.0	328.0	325.1	320.1	335.8	326.6	332.1	335.6	338.3	
1558	49.9	18.12	415.8	427.6	447.9	418.4	447.4	445.1	120.3	463.3	471.2	442.2	449.3	448.5	477.8	462.9	463.0	468.8	479.4	
1559	50.1	18.16	417.7	429.8	449.3	420.1	449.0	447.2	109.8	464.7	472.3	445.4	451.2	449.2	479.1	464.9	455.0	475.9	481.6	
1560	49.8	16.57	422.5	435.5	453.8	427.0	455.7	454.1	112.3	472.0	480.1	455.3	460.2	457.4	486.1	471.6	465.0	482.0	488.2	
1561	50.0	13.12	430.8	444.5	465.7	435.6	467.1	465.1	113.3	484.9	494.4	467.6	473.2	471.5	501.3	486.4	477.4	498.9	502.5	
1562	50.0	10.35	440.9	454.1	476.8	447.2	479.6	477.8	119.0	499.8	509.5	484.4	489.5	486.8	517.2	501.6	495.4	514.6	519.0	
1563	50.1	7.97	450.6	464.9	488.1	458.4	493.3	491.6	108.2	515.4	526.5	500.7	505.9	500.0	534.1	518.5	512.3	531.5	536.5	
1564	49.9	4.81	476.3	490.2	520.2	490.4	530.7	530.0	120.7	555.3	565.0	541.3	546.2	539.9	568.3	554.3	551.4	569.3	571.8	
1565	50.0	4.09	488.2	503.6	535.3	506.3	549.0	547.4	120.8	568.5	573.2	552.9	555.9	550.8	578.7	564.6	562.1	577.6	579.0	
1566	50.0	3.90	490.2	504.8	540.6	510.0	552.7	550.2	117.9	570.6	575.2	555.3	557.6	548.6	579.5	566.6	564.2	578.7	580.4	
1567	50.1	6.63	458.1	472.2	497.6	467.3	504.4	501.8	510.1	527.7	537.2	506.9	517.0	516.0	547.8	532.9	523.9	547.8	551.3	
1568	50.4	3.75	494.9	507.2	541.5	510.2	553.4	551.0	551.6	570.7	572.6	544.4	552.5	549.2	581.9	568.5	557.0	576.8	580.3	
1569	49.8	3.52	500.6	512.8	548.4	519.3	561.0	557.4	558.3	575.7	576.7	552.4	557.5	551.4	583.3	570.5	562.1	584.3	580.6	
1570	50.0	3.63	512.3	526.6	554.9	535.2	567.5	563.3	565.2	580.6	575.8	557.6	557.5	552.6	575.6	563.1	557.9	574.3	571.8	
1571	50.1	4.59	525.9	540.1	564.0	540.7	571.5	567.9	568.8	582.5	576.8	558.5	558.3	552.9	576.4	563.2	557.6	571.4	571.4	
1572	50.3	5.72	471.5	485.5	512.9	486.0	521.9	521.1	528.0	544.2	552.8	532.5	535.1	530.7	558.3	543.7	542.4	556.9	558.6	
1573	50.3	12.12	436.9	451.2	473.4	449.1	477.9	475.7	481.7	494.3	505.1	489.1	488.1	484.0	508.5	493.9	497.9	508.3	512.5	
1574	50.0	18.34	444.2	455.4	479.0	452.3	482.7	480.1	482.5	498.8	508.4	486.5	489.6	486.2	514.3	499.7	494.2	511.6	514.7	
1575	50.1	15.89	448.2	459.8	484.3	457.9	488.6	486.0	489.7	505.6	515.7	493.5	496.7	490.8	520.6	506.2	501.9	518.5	522.3	
1576	50.1	13.33	452.5	464.6	491.7	464.1	496.7	494.0	498.8	515.1	525.3	502.5	506.6	500.0	530.8	516.4	511.8	529.3	533.2	
1577	50.2	10.90	459.0	471.2	499.8	471.9	506.3	504.2	510.3	526.8	537.5	513.8	518.6	510.1	542.8	529.0	524.0	542.3	545.3	
1578	50.4	9.81	460.6	473.2	503.0	475.4	510.4	508.6	514.9	531.4	541.2	518.3	523.4	519.0	548.1	534.3	529.7	547.1	550.1	
1579	50.0	9.13	464.4	477.3	508.3	480.3	516.5	514.4	522.4	537.8	547.0	523.9	529.8	524.7	554.1	539.4	537.1	554.3	556.0	
1580	50.0	7.60	477.4	489.9	523.5	493.7	533.3	531.2	537.4	554.8	561.5	537.2	544.2	538.7	566.8	553.5	549.5	566.3	568.9	
1581	50.0	6.77	481.6	494.6	528.6	500.3	540.6	538.7	545.2	561.8	566.3	542.7	549.2	540.5	572.5	557.9	554.3	570.5	573.2	
1582	50.4	5.77	489.9	503.7	541.6	511.6	553.5	551.3	553.7	568.8	573.0	551.5	556.5	550.9	578.8	564.9	563.0	578.8	579.0	
1583	49.8	5.77	489.5	503.0	539.9	511.8	552.9	552.1	553.1	569.1	572.2	551.3	556.2	550.1	577.7	563.9	562.6	579.3	578.4	
1584	50.4	5.09	497.7	513.0	552.1	522.6	562.4	559.5	559.7	576.0	577.0	556.1	561.1	554.5	582.7	568.9	565.3	570.5	578.8	
1585	50.5	4.95	501.6	515.9	553.5	527.2	565.0	561.5	562.1	577.8	577.7	557.8	561.2	556.1	580.3	567.8	561.9	583.9	575.0	
1586	50.3	5.09	505.6	522.0	559.1	532.4	567.8	564.7	565.4	580.4	577.4	558.6	560.3	554.7	576.3	565.1	558.0	575.0	572.7	
1587	50.4	5.45	511.4	526.4	561.8	537.5	570.1	566.7	566.6	580.8	575.6	557.7	558.3	552.6	573.6	562.6	555.6	567.6	569.7	
1588	50.8	6.86	518.8	532.2	565.3	542.1	573.5	570.1	569.2	582.9	576.5	558.3	558.9	554.1	575.2	563.3	555.7	574.9	570.0	
1589	49.9	12.49	457.8	471.3	499.0	472.1	504.9	502.1	507.6	522.8	533.4	513.0	515.4	511.4	539.0	524.1	522.2	536.4	541.1	
1590	50.4	14.66	449.4	462.0	487.4	461.3	492.7	489.9	494.6	509.6	519.0	498.2	501.5	497.4	524.6	509.4	507.7	523.2	526.2	

SRL Single Tube Flow Instability Test # 7.0
Stainless Steel ID = 0.600"

	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77
RUN	BL	TKW04E	BL	TJREF	BL	BL	BL	BL	BL	BL	BL	BL	BL	RTS	HRATIO	SVOLT	SPT01				
	TEW01E	TKW07W	TKW01S	TEREF	BL	BL	BL	PWR2	QUALITY	HLOSS	SCURR	SDPT1									
1540	344.9	0	351.1	62.0	358.6	0	33.4	32.0	62	0	0	0	144.9	0.021	-14.39	100.2	-0.2	2.5	0.2	0.6	2.4
1541	283.7	0	288.3	62.0	297.0	0	33.1	31.6	62	0	0	0	144.8	0.020	-20.90	99.6	0.4	2.4	0.2	1.2	1.2
1542	285.5	0	291.6	440.1	275.9	0	33.1	31.7	62	0	0	0	144.6	0.020	-20.67	99.1	0.9	2.9	0.2	1.2	1.7
1543	293.0	0	299.1	245.5	312.6	0	32.9	31.9	62	0	0	0	144.7	0.021	-20.08	99.9	0.1	2.8	0.2	0.9	3.0
1544	293.8	0	312.1	116.7	314.9	0	33.0	32.0	62	0	0	0	145.8	0.021	-19.53	101.1	-1.1	2.8	0.3	1.0	2.6
1545	315.5	0	318.4	95.6	331.6	0	32.7	32.0	62	0	0	0	146.6	0.021	-18.90	100.4	-0.4	2.7	0.2	0.8	3.9
1546	327.8	0	333.6	62.0	342.2	0	33.4	31.7	62	0	0	0	145.1	0.021	-18.05	99.9	0.1	2.6	0.2	0.7	4.9
1547	345.7	0	352.7	62.0	360.1	0	33.2	31.7	62	0	0	0	145.3	0.021	-16.98	101.9	-1.9	2.8	0.2	1.4	18.6
1548	362.7	0	369.8	62.0	374.8	0	32.4	31.7	62	0	0	0	144.3	0.021	-15.58	101.4	-1.4	2.5	0.2	0.6	11.9
1549	390.1	0	390.5	62.0	400.6	0	33.0	31.9	62	0	0	0	144.3	0.021	-14.02	100.3	-0.3	2.9	0.3	0.6	9.0
1550	407.6	0	412.0	62.0	422.6	0	33.2	31.7	62	0	0	0	146.5	0.021	-12.26	100.5	-0.5	2.8	0.2	0.5	4.9
1551	423.2	0	427.4	62.0	436.5	0	33.0	32.0	62	0	0	0	145.4	0.022	-10.80	100.3	-0.3	2.5	0.2	0.6	7.4
1552	438.3	0	442.8	62.0	452.7	0	31.9	31.7	62	0	0	0	144.0	0.022	-7.90	99.8	0.2	2.5	0.2	0.5	2.7
1553	446.0	0	453.8	62.0	456.9	0	33.1	31.9	62	0	0	0	144.2	0.022	-5.15	100.9	-0.9	2.8	0.3	0.8	5.9
1554	443.5	0	451.9	62.0	453.3	0	33.4	31.6	62	0	0	0	146.1	0.022	-0.80	99.3	0.7	2.6	0.2	1.5	29.6
1555	443.5	0	452.7	62.0	457.2	0	33.1	31.6	62	0	0	0	145.7	0.022	-3.41	99.9	0.1	2.6	0.2	1.2	26.8
1556	446.2	0	455.0	62.0	456.0	0	33.1	31.5	62	0	0	0	146.1	0.022	-3.71	101.5	-1.5	2.6	0.2	1.3	20.2
1557	324.9	0	328.3	119.3	318.2	0	33.2	31.7	62	0	0	0	144.4	0.021	-18.52	101.0	-1.0	2.7	0.2	0.7	7.1
1558	452.8	0	462.1	107.0	472.8	0	32.9	32.3	62	0	0	0	287.4	0.022	-17.42	100.4	-0.4	1.7	0.2	1.3	1.3
1559	453.3	0	466.0	552.9	478.1	0	32.5	31.7	62	0	0	0	291.5	0.022	-17.41	100.6	-0.6	1.8	0.1	1.0	1.1
1560	461.6	0	473.4	253.0	484.1	0	32.2	31.9	62	0	0	0	290.1	0.022	-16.89	100.6	-0.6	1.7	0.2	1.3	1.3
1561	475.1	0	487.3	185.5	499.0	0	33.2	31.8	62	0	0	0	291.5	0.022	-16.08	101.2	-1.2	1.8	0.1	1.1	2.6
1562	492.0	0	502.7	313.7	515.9	0	33.3	31.9	62	0	0	0	290.8	0.022	-14.89	101.4	-1.4	1.6	0.2	1.1	3.5
1563	508.7	0	521.3	362.2	531.5	0	32.2	32.1	62	0	0	0	290.0	0.022	-13.82	102.3	-2.3	1.8	0.2	1.0	5.7
1564	547.0	0	558.0	247.7	567.7	0	34.2	33.6	62	0	0	0	290.2	0.022	-10.11	101.0	-1.0	1.8	0.2	0.7	7.4
1565	554.8	0	568.6	608.7	573.7	0	33.7	31.7	62	0	0	0	290.3	0.022	-8.67	103.6	-3.6	1.8	0.2	0.6	7.9
1566	556.4	0	569.9	###	576.2	0	32.5	31.8	62	0	0	0	290.9	0.023	-7.99	102.3	-2.3	1.9	0.2	0.7	8.3
1567	522.8	0	535.0	139.6	545.5	0	33.0	32.1	62	0	0	0	290.0	0.022	-12.64	102.2	-2.2	1.7	0.1	1.0	5.8
1568	555.0	0	567.8	139.6	580.6	0	33.1	32.0	62	0	0	0	291.2	0.023	-6.87	100.3	-0.3	1.7	0.2	0.8	8.2
1569	557.1	0	570.8	139.6	579.4	0	33.3	31.4	62	0	0	0	290.5	0.023	-5.58	100.8	-0.8	1.7	0.2	1.4	15.3
1570	549.2	0	566.8	139.6	564.4	0	33.1	31.5	62	0	0	0	288.9	0.023	-3.69	101.6	-1.6	1.8	0.1	7.5	25.4
1571	548.6	0	568.3	139.6	567.1	0	33.3	31.6	62	0	0	0	289.3	0.023	-1.91	99.6	0.4	2.0	0.3	5.1	29.3
1572	534.8	0	547.6	139.6	552.9	0	32.8	31.9	62	0	0	0	292.1	0.022	-11.31	101.4	-1.4	1.9	0.1	0.9	7.6
1573	488.8	0	502.5	139.6	506.4	0	32.8	31.7	62	0	0	0	291.3	0.022	-15.68	101.1	-1.1	1.7	0.2	1.0	3.5
1574	488.4	0	504.8	139.6	505.8	0	33.3	32.0	62	0	0	0	291.8	0.022	-12.42	100.1	-0.1	1.8	0.2	1.1	1.4
1575	504.0	0	511.3	139.6	513.6	0	33.0	31.6	62	0	0	0	291.2	0.022	-12.00	100.9	-0.9	1.7	0.2	1.2	2.1
1576	507.7	0	520.3	139.6	527.9	0	33.4	32.0	62	0	0	0	289.7	0.022	-11.20	100.4	-0.4	1.7	0.2	1.1	2.6
1577	519.6	0	531.0	139.6	538.5	0	33.3	31.8	62	0	0	0	289.2	0.022	-10.22	100.3	-0.3	1.8	0.2	1.1	3.0
1578	524.8	0	539.9	139.6	544.4	0	33.1	32.1	62	0	0	0	288.1	0.022	-9.77	100.0	0.0	2.2	0.3	1.0	3.6
1579	530.7	0	542.7	139.6	549.4	0	33.4	31.7	62	0	0	0	289.5	0.022	-9.40	100.8	-0.8	1.9	0.2	1.0	3.4
1580	544.0	0	556.7	139.6	560.7	0	33.4	31.4	62	0	0	0	291.9	0.022	-8.22	101.8	-1.8	1.8	0.2	1.2	6.0
1581	554.1	0	561.9	139.6	563.5	0	33.0	31.5	62	0	0	0	292.0	0.022	-7.36	101.3	-1.3	1.8	0.2	0.9	7.3
1582	556.3	0	569.7	139.6	572.0	0	33.3	32.1	62	0	0	0	291.7	0.023	-6.02	101.0	-1.0	1.8	0.2	0.8	5.3
1583	555.2	0	571.3	139.6	572.9	0	32.5	31.5	62	0	0	0	288.9	0.022	-5.99	101.9	-1.9	1.7	0.2	1.2	8.7
1584	556.4	0	571.1	139.6	572.1	0	33.3	31.7	62	0	0	0	289.8	0.023	-4.64	101.3	-1.3	1.9	0.2	1.2	9.3
1585	554.2	0	573.4	139.6	568.6	0	32.9	31.3	62	0	0	0	284.2	0.022	-4.01	100.3	-0.3	0.6	0.1	2.4	7.4
1586	551.6	0	568.3	139.6	568.1	0	33.5	32.0	62	0	0	0	291.7	0.023	-3.56	101.6	-1.6	1.9	0.1	6.9	16.0
1587	551.5	0	567.6	139.6	563.5	0	33.4	31.6	62	0	0	0	288.9	0.023	-2.73	101.6	-1.6	1.7	0.2	7.8	21.6
1588	547.6	0	569.7	139.6	561.2	0	33.3	31.9	62	0	0	0	290.2	0.023	-1.56	100.5	-0.5	1.9	0.2	4.4	19.3
1589	515.2	0	526.3	139.6	532.8	0	33.1	31.8	62	0	0	0	293.8	0.022	-10.91	100.9	-0.9	1.8	0.1	1.3	2.5
1590	500.7	0	520.1	139.6	518.9	0	32.8	31.7	62	0	0	0	290.7	0.022	-11.80	100.1	-0.1	1.8	0.2	1.1	2.2

SRL Single Tube Flow Instability Test # 7.0
Stainless Steel ID = 0.600"

78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
RUN	SDPT2	SRT11	BL	BL	DPL	VTL	HL	ID	DATE	TEST#	PTO2	DT3	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
	SFT11	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
1540	9.2	0.3	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.29	1556.16	7	1540	50.4	20.4	0	0	0	0	0	0
1541	11.0	0.4	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1611.14	7	1541	50.2	42.8	0	0	0	0	0	0
1542	11.4	0.2	0.3	0	0	0	100.5	95.5	96.0	0.600	8908.29	1617.35	7	1542	50.2	37.9	0	0	0	0	0	0
1543	11.2	0.5	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1620.35	7	1543	49.8	30.5	0	0	0	0	0	0
1544	13.4	0.3	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1625.06	7	1544	49.9	24.8	0	0	0	0	0	0
1545	15.1	0.4	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1634.52	7	1545	49.9	19.7	0	0	0	0	0	0
1546	11.3	0.3	0.3	0	0	0	100.5	95.5	96.0	0.600	8908.29	1646.25	7	1546	49.9	14.7	0	0	0	0	0	0
1547	39.5	1.0	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1651.31	7	1547	50.0	10.4	0	0	0	0	0	0
1548	23.9	0.9	0.3	0	0	0	100.5	95.5	96.0	0.600	8908.29	1656.36	7	1548	49.8	7.8	0	0	0	0	0	0
1549	12.3	0.5	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1659.41	7	1549	50.0	5.7	0	0	0	0	0	0
1550	9.6	0.7	0.3	0	0	0	100.5	95.5	96.0	0.600	8908.29	1712.25	7	1550	49.8	4.6	0	0	0	0	0	0
1551	14.7	0.7	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1717.40	7	1551	50.2	3.8	0	0	0	0	0	0
1552	6.9	0.4	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.29	1725.16	7	1552	50.0	3.0	0	0	0	0	0	0
1553	18.7	1.8	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1729.14	7	1553	50.3	2.6	0	0	0	0	0	0
1554	90.6	0.8	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.29	1742.29	7	1554	50.3	4.4	0	0	0	0	0	0
1555	72.7	0.7	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.29	1753.23	7	1555	50.4	2.5	0	0	0	0	0	0
1556	88.4	2.0	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1755.37	7	1556	52.0	2.5	0	0	0	0	0	0
1557	11.4	0.4	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.29	1759.33	7	1557	50.5	16.3	0	0	0	0	0	0
1558	7.8	0.4	0.3	0	0	0	100.5	95.5	96.0	0.600	8908.30	1204.14	7	1558	49.9	39.9	0	0	0	0	0	0
1559	6.1	0.6	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.30	1206.30	7	1559	50.1	40.0	0	0	0	0	0	0
1560	7.8	0.5	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1210.33	7	1560	49.8	36.5	0	0	0	0	0	0
1561	11.0	0.8	0.3	0	0	0	100.5	95.5	96.0	0.600	8908.30	1213.31	7	1561	50.0	28.9	0	0	0	0	0	0
1562	16.1	0.6	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1217.35	7	1562	50.0	22.8	0	0	0	0	0	0
1563	19.1	1.8	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1219.39	7	1563	50.1	17.6	0	0	0	0	0	0
1564	17.1	0.6	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1225.37	7	1564	49.9	10.6	0	0	0	0	0	0
1565	16.4	1.8	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1233.12	7	1565	50.0	9.0	0	0	0	0	0	0
1566	16.8	2.4	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.30	1235.22	7	1566	50.0	8.6	0	0	0	0	0	0
1567	17.1	1.0	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1350.55	7	1567	50.1	14.6	0	0	0	0	0	0
1568	16.4	0.8	0.3	0	0	0	100.5	95.5	96.0	0.600	8908.30	1353.11	7	1568	50.4	8.3	0	0	0	0	0	0
1569	33.7	0.8	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1355.16	7	1569	49.8	7.8	0	0	0	0	0	0
1570	76.0	1.8	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1401.36	7	1570	50.0	8.0	0	0	0	0	0	0
1571	141.5	0.8	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1405.38	7	1571	50.1	10.1	0	0	0	0	0	0
1572	25.5	0.6	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1409.55	7	1572	50.3	12.6	0	0	0	0	0	0
1573	13.1	0.5	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.30	1413.05	7	1573	50.3	26.7	0	0	0	0	0	0
1574	9.0	0.5	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.30	1421.16	7	1574	50.0	40.4	0	0	0	0	0	0
1575	9.0	0.6	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1423.25	7	1575	50.1	35.0	0	0	0	0	0	0
1576	10.0	0.6	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1425.29	7	1576	50.1	29.4	0	0	0	0	0	0
1577	10.0	0.6	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.30	1427.35	7	1577	50.2	24.0	0	0	0	0	0	0
1578	13.1	0.4	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.30	1431.55	7	1578	50.4	21.6	0	0	0	0	0	0
1579	12.3	0.6	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1436.33	7	1579	50.0	20.1	0	0	0	0	0	0
1580	18.0	0.8	0.2	0	0	0	100.5	95.5	96.0	0.600	8908.30	1439.54	7	1580	50.0	16.8	0	0	0	0	0	0
1581	16.1	0.8	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.30	1442.03	7	1581	50.0	14.9	0	0	0	0	0	0
1582	15.6	1.2	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1450.05	7	1582	50.4	12.7	0	0	0	0	0	0
1583	24.4	1.2	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.30	1453.19	7	1583	49.8	12.7	0	0	0	0	0	0
1584	24.5	1.1	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1455.46	7	1584	50.4	11.2	0	0	0	0	0	0
1585	28.9	1.3	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1503.38	7	1585	50.5	10.9	0	0	0	0	0	0
1586	49.2	1.4	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1508.12	7	1586	50.3	11.2	0	0	0	0	0	0
1587	58.4	1.0	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1513.25	7	1587	50.4	12.0	0	0	0	0	0	0
1588	76.9	1.0	0.1	0	0	0	100.5	95.5	96.0	0.600	8908.30	1524.51	7	1588	50.8	15.1	0	0	0	0	0	0
1589	9.1	0.3	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1531.54	7	1589	49.9	27.5	0	0	0	0	0	0
1590	9.0	0.4	0.0	0	0	0	100.5	95.5	96.0	0.600	8908.30	1538.58	7	1590	50.4	32.3	0	0	0	0	0	0

SRL Single Tube Flow Instability Test # 9.0
Inconel Tube ID = 0.359"

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
RUN	HFLX	VOLTT	CURRT2	PTI2	PTO3	PBO1	PL2	PXI1	PPI1										
PWR1	VOLTB	CURRT1	PTI1	PTO1	PBI1	PL1	PD1	PXO1	PPO1										
1663	0.0	0.000	0.1	-0.1	1	2	118.8	142.3	50.3	53.0	141.6	52.9	140.3	53.9	48.0	51.5	48.0	-0.2	0.0
1664	0.0	0.000	-0.1	0.0	1	2	109.4	129.0	50.1	52.3	128.7	52.1	127.0	53.1	48.0	50.8	48.0	-0.2	0.0
1665	0.0	0.000	0.1	0.0	2	-2	103.0	120.5	50.0	51.8	119.9	51.7	118.6	52.7	47.9	50.4	47.9	-0.1	0.1
1666	0.0	0.000	0.0	-0.1	1	0	93.6	108.4	49.9	51.2	107.9	51.1	106.8	52.3	48.0	49.8	47.9	-0.1	0.0
1667	0.0	0.000	0.2	0.0	2	3	86.4	98.6	50.1	50.9	98.0	50.8	97.2	51.9	48.1	49.7	48.1	-0.2	-0.1
1668	0.0	0.000	0.0	0.1	2	0	80.1	89.8	49.9	50.4	89.3	50.3	88.9	51.4	48.1	49.0	48.1	-0.1	0.0
1669	0.0	0.000	0.1	0.0	0	0	74.0	81.8	50.0	50.3	81.3	50.2	81.1	50.8	48.3	48.9	48.3	-0.3	0.0
1670	0.0	0.000	0.1	0.0	0	1	70.6	77.2	50.2	50.1	76.8	49.9	76.6	51.2	48.3	48.8	48.3	-0.2	-0.1
1671	0.0	0.000	-0.3	-0.1	2	3	66.8	72.5	50.0	50.0	72.1	49.9	72.2	51.1	48.4	48.5	48.4	-0.2	0.0
1672	0.0	0.000	-0.1	0.0	2	0	64.6	69.5	49.9	49.6	69.1	49.6	69.3	50.7	48.2	48.3	48.2	-0.2	-0.1
1673	0.0	0.000	0.2	-0.1	2	4	61.3	65.0	50.0	49.7	64.6	49.5	65.0	50.7	48.5	48.3	48.5	-0.1	0.0
1674	0.0	0.000	0.3	0.0	1	3	57.2	59.6	50.0	49.4	59.3	49.3	59.8	50.1	48.6	48.1	48.6	-0.1	0.0
1675	0.0	0.000	-0.1	0.0	2	3	54.1	55.4	50.0	49.3	55.1	49.2	55.8	50.4	48.6	48.0	48.6	-0.2	-0.1
1676	0.0	0.000	0.0	0.2	3	-1	52.2	52.9	50.1	49.3	52.7	49.2	53.4	50.2	48.8	48.0	48.8	-0.1	0.0
1677	0.0	0.000	-0.1	0.0	1	2	60.0	63.2	50.0	49.6	62.9	49.4	63.4	49.9	48.4	48.2	48.5	-0.2	-0.1
1678	0.0	0.000	0.0	0.0	1	4	65.3	70.3	50.0	49.8	70.1	49.7	70.3	50.6	48.4	48.4	48.4	0.0	-0.1
1679	0.0	0.000	-0.1	-0.1	1	0	113.1	134.7	50.2	52.6	134.0	52.5	132.5	53.5	48.0	51.2	48.0	-0.1	0.0
1680	0.0	0.000	0.2	-0.6	1	2	110.3	131.1	50.1	52.5	130.8	52.5	128.2	54.3	48.0	51.4	48.1	0.1	0.1
1681	0.0	0.000	0.3	-0.4	2	0	102.7	120.9	50.1	52.0	120.6	52.0	118.2	53.6	48.1	51.0	48.2	0.2	0.1
1682	0.0	0.000	0.0	-0.6	2	1	95.2	110.8	50.1	51.6	110.4	51.6	108.4	53.3	48.1	50.5	48.2	0.2	0.1
1683	0.0	0.000	0.0	-0.3	2	0	87.5	100.6	50.1	51.1	100.2	51.0	98.6	53.1	48.1	50.1	48.3	0.1	0.0
1684	0.0	0.000	0.0	-0.1	0	1	79.7	89.9	50.3	50.8	89.5	50.8	87.9	52.6	48.3	49.8	48.4	0.2	0.0
1685	0.0	0.000	0.0	-0.1	1	0	73.2	81.3	50.1	50.2	80.9	50.3	81.0	52.0	48.2	49.2	48.3	0.2	0.0
1686	0.0	0.000	-0.1	-0.2	1	0	67.4	73.7	50.0	49.9	73.4	49.6	72.7	51.3	48.1	48.8	48.2	0.1	0.0
1687	0.0	0.000	0.0	-0.2	2	-1	63.6	68.4	50.0	49.6	68.2	49.5	67.4	51.6	48.2	48.7	48.2	0.1	0.0
1688	0.0	0.000	0.0	0.0	1	0	59.4	62.6	50.3	49.7	62.5	49.6	62.5	51.5	48.5	48.7	48.8	0.1	0.0
1689	0.0	0.000	0.0	-0.1	1	-1	55.7	57.8	50.1	49.4	57.6	49.3	57.5	51.2	48.4	48.4	48.5	0.1	0.0
1690	0.0	0.000	0.0	-0.7	0	2	52.6	53.7	49.9	49.1	53.6	49.0	53.5	50.6	48.3	48.1	48.4	0.1	0.0
1691	0.0	0.000	0.0	-0.2	2	-1	51.2	51.8	50.2	49.4	51.6	49.1	51.8	50.8	48.7	48.4	48.8	0.1	0.0
1692	0.0	0.000	0.0	-0.5	1	0	53.7	55.2	50.0	49.1	55.1	49.1	55.0	50.9	48.3	48.0	48.4	0.1	0.0
1693	0.0	0.000	0.0	-0.1	-2	0	65.4	70.6	50.3	50.0	70.4	49.8	69.8	51.7	48.5	48.9	48.6	0.0	0.0
1694	0.0	0.000	0.0	-0.1	1	-1	66.5	72.2	49.7	49.5	72.1	49.4	71.5	50.5	47.8	48.5	47.9	0.2	0.0
1695	87.5	0.399	62.2	61.8	1417	1408	114.6	137.8	50.0	52.9	137.3	53.0	134.7	54.6	48.0	51.8	48.1	0.1	0.1
1696	87.6	0.400	62.1	61.8	1417	1407	102.9	122.1	49.9	52.1	121.6	52.0	119.0	53.9	47.9	51.0	48.0	0.1	0.0
1697	87.5	0.399	62.0	61.8	1415	1403	91.2	106.2	49.9	51.4	105.8	51.3	103.5	52.9	48.0	50.3	48.1	0.1	0.0
1698	87.4	0.399	62.1	61.8	1414	1404	79.1	89.8	50.0	50.7	89.3	50.6	88.1	52.6	48.2	49.8	48.5	0.0	0.0
1699	87.4	0.399	62.1	61.7	1415	1404	71.3	79.2	50.2	50.5	78.9	50.4	77.7	52.1	48.5	49.6	48.6	0.0	0.0
1700	87.2	0.398	62.1	61.7	1413	1402	65.7	71.5	50.2	50.2	71.2	50.0	70.6	51.7	48.5	49.1	48.6	0.0	-0.1
1701	87.3	0.398	62.2	61.8	1412	1402	62.1	67.1	49.9	49.6	66.8	49.4	66.0	50.9	48.2	48.6	48.4	0.1	0.0
1702	87.7	0.400	62.0	62.3	1408	1400	61.6	62.8	50.5	50.1	63.4	50.0	63.1	51.7	48.9	49.1	49.0	0.0	-0.1
1703	87.1	0.397	62.0	61.7	1411	1400	59.1	62.9	50.0	49.9	62.9	49.4	63.2	51.0	48.5	48.3	48.4	0.0	0.0
1704	88.1	0.402	62.4	62.1	1418	1405	56.3	59.0	49.8	49.6	59.0	49.3	59.4	51.1	48.4	48.3	48.4	0.0	0.0
1705	87.2	0.398	62.3	61.8	1411	1399	55.2	57.7	50.1	49.7	57.4	49.4	57.7	51.0	48.6	48.4	48.6	0.0	0.0
1706	88.8	0.405	62.7	62.4	1424	1413	54.7	56.8	49.9	49.6	56.9	49.3	57.3	51.1	48.6	48.2	48.6	0.2	0.0
1707	86.9	0.396	62.5	61.6	1410	1399	54.6	56.6	50.2	49.8	56.7	49.5	56.6	51.8	48.8	48.5	48.7	0.3	0.0
1708	87.8	0.401	62.2	62.1	1415	1401	52.6	54.3	49.9	49.5	54.2	49.5	54.8	50.9	48.6	48.3	48.6	0.1	0.0
1709	87.4	0.399	62.2	61.9	1411	1402	51.6	52.8	49.9	49.3	52.7	49.0	53.3	50.6	48.6	48.2	48.6	0.1	0.0
1710	86.7	0.396	61.9	61.8	1405	1398	50.7	51.4	50.0	49.4	51.5	49.2	52.0	51.0	48.7	48.3	48.7	0.3	0.0
1711	87.3	0.398	62.3	61.9	1409	1404	50.3	50.6	50.2	49.3	50.7	48.9	51.3	51.4	48.6	48.2	48.5	0.3	0.0
1712	86.9	0.397	62.1	61.7	1408	1396	50.6	51.1	50.5	49.6	51.1	49.3	51.7	52.4	48.9	48.4	48.9	0.3	0.0

SRL Single Tube Flow Instability Test # 9.0

Inconel Tube ID = 0.359"

	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
RUN	PA1		DT2		DLV1		FLJ1		FBI1		FXI2		TRT11		TRTO1		JXI1	
		DT1		DP1		OLI1		FTI1		FXI1		FS1		TRT12		TRTO2		JXO1
1663	47.6	0.05	72.47	0.1	-0.9	12.25	14.84	14.53	0.00	13.83	14.62	0.0	77.6	77.5	77.5	77.8	77.7	77.4
1664	47.6	0.05	62.79	0.1	-0.7	9.45	13.70	13.46	0.00	12.67	13.56	0.0	77.5	77.5	77.5	77.9	77.7	73.8
1665	47.5	0.05	56.56	0.1	-0.7	9.77	12.99	12.72	0.00	11.91	12.77	0.0	77.0	76.9	76.8	77.3	77.4	73.3
1666	47.5	0.05	47.53	0.1	-0.7	9.37	11.88	11.59	0.00	10.69	11.62	0.0	76.5	76.2	76.0	76.8	76.2	75.9
1667	47.7	0.05	40.05	0.0	-0.7	6.85	10.72	10.56	0.00	9.58	10.63	0.0	76.5	76.3	76.0	76.6	76.0	75.8
1668	47.6	0.05	33.45	0.0	-0.5	4.26	9.69	9.58	0.00	8.48	9.61	0.0	76.5	76.3	76.0	76.4	76.1	75.9
1669	47.8	0.05	27.36	0.0	-0.5	6.03	8.47	8.57	0.00	7.36	8.61	0.0	76.5	76.2	76.0	76.7	76.1	75.9
1670	47.9	0.05	23.92	0.0	-0.4	5.64	7.80	7.97	0.00	6.63	8.02	0.0	76.5	76.3	76.0	76.5	75.9	75.8
1671	47.9	19.78	20.46	0.0	-0.4	2.75	7.18	7.30	0.00	5.84	7.38	0.0	76.5	76.3	76.0	76.5	76.1	76.0
1672	47.8	17.72	18.33	0.0	-0.4	3.48	6.59	6.87	0.00	5.19	6.90	0.0	76.5	76.3	76.0	76.4	76.0	76.1
1673	48.0	14.26	14.78	0.0	-0.4	0.78	6.98	6.08	0.00	3.95	6.13	0.0	76.5	76.3	76.0	76.8	76.3	76.0
1674	48.1	10.27	10.64	-0.1	-0.3	0.78	6.52	5.08	0.00	0.00	5.11	0.0	76.5	76.4	76.0	76.8	76.2	76.2
1675	48.2	7.12	7.37	0.0	-0.3	0.78	-0.01	4.13	0.00	0.00	4.16	0.0	76.5	76.4	76.0	76.8	76.2	75.9
1676	48.3	5.15	5.35	-0.1	-0.2	0.78	0.00	3.42	0.00	0.00	3.48	0.0	76.5	76.4	76.0	76.6	76.1	76.2
1677	48.0	12.91	13.42	0.0	-0.4	0.78	6.37	5.79	0.00	0.29	5.80	0.0	76.5	76.5	76.1	76.8	76.1	76.2
1678	48.0	18.24	18.91	0.0	-0.4	3.26	6.62	6.98	0.00	5.33	7.04	0.0	76.5	76.4	76.1	76.8	76.3	76.4
1679	47.6	0.06	66.72	0.0	-1.0	10.37	14.16	13.92	0.00	13.21	13.96	0.0	76.5	76.5	76.5	76.9	76.6	76.5
1680	47.7	0.06	64.32	0.2	-0.5	12.36	14.13	13.93	0.00	12.87	13.94	0.0	122.7	122.5	122.5	123.2	123.4	117.1
1681	47.8	0.06	56.60	0.1	-0.5	10.49	13.15	13.02	0.00	11.98	13.05	0.0	121.5	121.2	121.0	121.8	122.3	120.8
1682	47.7	0.06	49.08	0.1	-0.4	10.34	12.23	12.08	0.00	11.00	12.08	0.0	121.4	120.9	121.0	121.5	120.9	120.5
1683	47.7	0.05	41.43	0.0	-0.3	9.08	11.05	11.06	0.00	9.89	11.06	0.0	121.0	120.6	120.5	121.2	120.8	119.8
1684	48.0	0.06	33.23	0.1	0.0	7.10	9.61	9.82	0.00	8.53	9.83	0.0	121.9	121.6	121.5	122.2	124.0	121.7
1685	47.8	0.06	26.91	0.1	-0.2	6.88	8.32	8.78	0.00	7.34	8.77	0.0	122.0	121.7	121.5	122.1	122.1	121.6
1686	47.8	0.06	21.26	0.1	-0.1	1.75	7.12	7.76	0.00	6.10	7.77	0.0	122.5	122.1	122.0	122.6	122.0	121.0
1687	47.8	16.75	17.51	0.1	-0.1	3.71	6.90	6.92	0.00	5.06	6.93	0.0	122.5	122.2	121.9	122.6	122.0	120.7
1688	48.2	12.37	12.88	0.1	-0.1	3.50	8.84	5.86	0.00	2.16	5.90	0.0	122.5	122.1	121.8	122.5	121.7	120.6
1689	48.0	8.90	9.25	0.0	-0.1	0.78	10.14	4.89	0.00	0.00	4.92	0.0	122.0	121.9	121.5	122.2	121.5	120.3
1690	48.0	5.95	6.18	0.0	0.1	0.78	-0.02	3.91	0.00	0.00	3.96	0.0	122.0	121.7	121.1	121.5	121.1	120.0
1691	48.3	4.27	4.49	0.1	0.0	0.78	0.02	3.22	0.00	0.00	3.28	0.0	121.5	121.3	120.8	121.5	120.4	119.7
1692	47.9	7.07	7.37	0.0	-0.2	1.24	0.01	4.30	0.00	0.00	4.34	0.0	121.0	120.7	120.2	121.1	120.0	119.0
1693	48.0	18.30	18.98	0.1	-0.2	4.63	7.12	7.19	0.00	5.18	7.20	0.0	122.0	121.6	122.0	123.0	138.4	162.9
1694	47.4	19.99	20.76	0.0	0.0	3.91	7.13	7.53	0.00	5.68	7.56	0.0	122.0	121.8	122.0	122.6	127.0	55.0
1695	47.6	0.05	68.50	0.1	-0.7	11.68	14.75	14.50	0.00	13.73	14.64	0.0	76.9	76.5	118.0	118.8	117.3	74.7
1696	47.5	0.05	56.98	0.1	-0.5	11.01	13.47	13.19	0.00	12.31	13.32	0.0	77.9	77.8	123.5	123.9	125.8	55.4
1697	47.6	0.05	45.22	0.1	-0.2	7.07	11.82	11.69	0.00	10.82	11.83	0.0	76.5	76.2	127.5	128.3	126.1	68.5
1698	47.8	0.04	32.87	0.0	-0.2	7.28	10.14	9.92	0.00	8.79	10.05	0.0	77.2	77.2	137.5	138.3	138.6	55.0
1699	48.1	0.05	24.84	0.1	-0.2	5.77	8.61	8.59	0.00	7.28	8.75	0.0	76.0	75.8	145.5	146.3	142.4	129.6
1700	48.2	18.58	19.33	0.0	-0.1	3.69	7.66	7.51	0.00	5.91	7.64	0.0	77.0	76.8	156.0	157.0	148.7	128.3
1701	47.8	15.61	16.24	0.0	-0.1	0.78	8.78	6.81	0.00	5.01	6.97	0.0	77.5	77.5	165.5	166.2	164.8	55.0
1702	48.5	12.70	13.23	0.0	-0.1	2.75	10.03	6.07	0.44	2.39	6.20	0.0	76.5	76.4	174.0	175.0	171.1	159.6
1703	48.1	12.45	12.96	0.0	-0.3	3.26	10.66	6.03	0.77	0.89	6.08	0.0	77.5	77.4	176.0	176.9	177.2	56.4
1704	48.0	9.68	10.09	0.0	-0.3	0.78	13.06	5.28	0.30	0.00	5.45	0.0	76.5	76.3	190.5	191.2	182.2	62.2
1705	48.2	8.42	8.80	0.0	0.0	0.78	8.76	4.91	0.40	0.00	5.09	0.0	76.5	76.3	197.0	197.6	185.1	87.7
1706	48.1	7.97	8.29	0.0	0.0	0.78	2.95	4.82	0.00	0.00	4.99	0.0	77.0	77.0	200.5	201.5	162.7	108.4
1707	48.3	7.68	7.97	0.0	-0.1	0.78	2.98	4.66	0.00	0.00	4.82	0.0	76.5	76.4	204.0	204.8	198.9	64.0
1708	48.1	6.03	6.29	0.0	-0.1	0.78	-0.03	4.15	0.00	0.00	4.33	0.0	77.9	77.6	221.0	221.9	187.2	54.4
1709	48.1	5.03	5.28	0.0	0.0	0.78	-0.01	3.76	0.00	0.00	3.97	0.0	77.5	77.1	232.5	233.9	171.0	54.1
1710	48.2	3.95	4.12	-0.1	0.0	0.78	-0.01	3.27	0.00	0.00	3.72	0.0	77.0	76.8	252.6	254.1	201.8	55.7
1711	48.1	3.36	3.49	0.0	0.0	0.78	0.02	2.93	0.00	0.00	3.19	0.0	77.0	76.8	273.5	274.7	223.2	56.2
1712	48.4	3.38	3.49	0.1	0.0	0.78	-0.04	2.93	0.00	0.00	3.23	0.0	76.0	75.8	273.3	274.6	236.7	58.3

SRL Single Tube Flow Instability Test # 9.0

Inconel Tube ID = 0.359"

	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
RUN	PTO2	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W									
	DT3	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S										
1663	50.2	0.00	77.8	78.5	75.8	76.6	77.7	78.1	77.4	78.9	78.4	77.8	77.8	77.9	77.7	77.9	77.6	79.4	78.1
1664	50.1	0.00	77.7	78.4	72.2	79.8	77.5	78.3	77.6	78.9	78.8	77.8	77.7	78.2	78.8	78.1	78.2	76.8	78.0
1665	50.0	0.00	77.3	77.6	74.3	73.3	76.9	77.7	77.2	78.5	76.9	76.8	77.0	77.1	76.0	77.2	77.8	80.9	77.0
1666	49.9	0.00	76.7	76.7	74.0	79.1	76.1	76.5	76.5	77.7	76.7	76.2	76.2	76.6	76.7	76.6	76.7	71.6	76.6
1667	50.1	0.00	76.3	77.0	76.8	71.6	76.0	77.0	76.4	77.5	76.8	76.1	76.1	76.4	77.0	76.5	76.6	79.2	76.4
1668	49.9	0.00	76.3	76.8	77.2	66.5	76.1	76.8	76.4	77.5	77.0	76.3	76.0	77.0	76.7	76.4	77.4	77.3	76.5
1669	50.0	0.00	76.3	76.5	76.7	74.2	76.0	77.1	76.3	77.5	76.8	76.2	76.1	76.6	76.3	76.4	76.6	71.7	76.6
1670	50.2	23.52	76.4	76.6	77.9	77.5	76.0	76.9	76.2	77.7	77.0	76.2	76.1	76.7	77.5	76.5	76.8	86.5	76.6
1671	50.0	19.95	76.7	77.0	76.7	77.4	76.0	76.8	76.4	77.6	77.2	76.4	76.1	76.8	76.8	76.1	76.5	72.5	76.5
1672	49.9	17.84	76.5	76.8	75.6	75.0	76.1	76.9	76.4	77.3	76.8	76.2	76.3	76.7	77.0	76.5	76.6	79.0	76.5
1673	50.0	14.37	76.6	76.5	77.0	73.9	76.0	76.8	76.4	77.5	76.8	76.3	76.3	76.7	76.7	76.5	77.1	80.4	76.4
1674	50.0	10.35	76.5	76.8	77.6	76.7	76.0	77.1	76.5	77.5	77.1	76.3	76.1	76.4	76.4	76.6	77.4	77.1	76.6
1675	50.0	7.13	76.6	76.6	79.4	73.2	76.0	77.1	76.4	77.7	76.8	76.4	76.2	77.3	76.6	76.5	76.8	77.2	76.6
1676	50.1	5.13	76.6	76.5	76.2	80.9	76.1	77.2	76.6	77.9	76.7	76.2	76.1	76.5	76.7	76.6	77.0	72.5	76.5
1677	50.0	13.05	76.7	77.0	73.1	79.6	76.0	76.7	76.3	77.7	77.0	76.2	76.2	76.9	76.7	76.6	76.8	75.1	76.7
1678	50.0	18.41	76.5	77.0	74.4	74.5	76.1	76.9	76.6	77.4	76.9	76.3	76.2	76.8	76.9	76.7	76.8	76.3	76.5
1679	50.2	0.00	76.6	76.7	79.6	75.3	76.1	77.1	76.6	77.7	77.3	76.5	76.4	77.0	76.5	76.8	77.0	80.0	76.9
1680	50.1	0.00	123.7	122.7	123.6	123.1	122.7	122.7	123.4	123.6	123.1	122.4	123.7	122.4	122.9	122.5	123.0	141.1	122.3
1681	50.1	0.00	122.2	122.7	122.2	122.7	121.0	122.5	122.0	123.3	122.4	121.5	121.8	122.5	122.6	121.8	122.4	114.3	121.8
1682	50.1	0.00	122.2	121.2	113.8	121.3	120.9	121.8	121.6	122.1	121.7	121.1	121.1	122.7	122.0	121.6	121.5	113.6	121.3
1683	50.1	0.00	120.8	120.1	122.3	122.0	119.9	119.9	121.1	121.3	121.4	120.9	120.8	122.0	122.0	120.7	121.0	118.7	120.9
1684	50.3	0.00	123.5	123.8	123.5	122.7	122.3	123.1	122.3	122.7	123.0	121.9	122.3	122.5	123.0	122.5	122.6	123.5	122.2
1685	50.1	0.00	122.5	122.2	120.8	122.5	121.6	122.7	122.2	122.4	123.0	122.0	122.0	123.2	122.7	122.7	122.8	120.6	122.6
1686	50.0	0.00	122.9	122.5	120.8	122.5	121.2	123.5	122.6	122.6	123.4	122.1	122.6	123.1	123.0	122.9	123.6	124.2	122.7
1687	50.0	16.92	122.2	122.4	122.4	122.9	121.0	123.1	122.6	122.7	123.0	122.7	122.9	123.6	123.1	123.0	123.2	122.2	123.2
1688	50.3	12.46	122.5	122.7	121.6	122.8	121.0	123.3	122.2	122.4	123.6	122.2	122.5	123.1	122.3	122.7	123.4	123.1	122.9
1689	50.1	8.95	122.4	121.9	120.9	122.5	120.9	123.3	122.3	122.4	123.0	122.0	122.0	122.9	123.2	122.2	123.0	122.6	122.2
1690	49.9	5.97	121.9	120.9	119.9	122.1	120.9	122.4	121.9	123.0	122.8	121.3	121.4	122.5	122.7	121.9	122.5	120.1	122.0
1691	50.2	4.27	121.5	120.7	118.6	122.2	120.5	123.4	121.3	122.8	121.6	121.1	121.2	121.7	122.0	121.1	122.6	118.7	121.4
1692	50.0	7.13	120.6	119.1	123.8	121.8	119.6	123.5	120.6	121.2	120.7	120.7	120.9	122.3	120.9	120.7	121.1	104.8	120.8
1693	50.3	18.46	130.5	134.0	129.5	128.1	146.6	124.5	123.5	128.3	126.2	124.5	124.9	122.9	123.9	123.9	125.2	123.5	124.7
1694	49.7	20.18	123.9	125.7	124.6	124.0	126.6	122.6	123.3	124.4	123.3	123.7	122.4	122.6	122.5	123.6	122.7	123.7	122.5
1695	50.0	0.00	246.8	235.5	249.9	253.3	256.6	254.9	271.3	267.0	275.0	265.1	277.2	268.7	268.0	279.9	276.0	268.2	270.3
1696	49.9	0.00	250.6	240.1	256.4	258.3	262.9	260.5	277.8	273.6	282.0	271.6	283.6	275.6	274.8	286.8	282.4	281.8	277.3
1697	49.9	0.00	253.3	242.3	258.1	261.8	266.7	264.4	283.0	278.7	287.7	277.4	290.0	281.8	280.5	293.3	288.8	283.4	283.5
1698	50.0	0.00	261.2	250.0	267.8	270.7	277.0	274.8	294.8	290.6	300.4	289.8	302.6	294.0	293.8	305.8	302.2	299.1	297.2
1699	50.2	0.00	265.5	253.8	272.7	276.1	283.0	282.0	303.9	299.2	309.4	299.4	313.2	304.6	303.6	316.8	312.2	310.0	307.6
1700	50.2	18.73	271.4	260.0	281.6	283.8	291.2	290.9	315.4	310.5	322.0	311.5	325.8	317.4	316.1	329.3	325.4	322.7	321.0
1701	49.9	15.73	278.8	266.8	290.0	293.1	302.5	300.8	326.6	321.8	333.9	323.1	337.7	329.0	328.1	341.4	337.7	333.3	333.1
1702	50.5	12.78	284.3	273.0	296.5	300.1	311.3	308.8	336.5	331.5	344.8	333.5	348.7	339.6	339.0	352.1	348.9	345.9	344.6
1703	50.0	12.58	286.3	273.0	298.2	300.5	312.3	310.2	337.9	333.3	346.3	335.1	350.0	341.0	340.8	354.0	350.8	348.2	346.2
1704	49.9	9.76	296.7	282.4	310.6	311.9	325.1	325.0	355.8	350.5	365.1	353.8	370.1	360.9	360.3	374.2	370.9	367.4	367.0
1705	50.1	8.48	297.3	283.7	312.5	313.9	327.7	327.9	359.6	354.6	369.4	358.7	374.6	365.3	365.6	379.1	376.0	372.1	372.1
1706	49.9	7.98	296.5	280.6	314.6	309.3	320.1	332.4	368.0	357.6	374.6	364.1	379.0	370.6	370.1	384.4	380.9	379.3	377.6
1707	50.2	7.67	302.6	289.0	318.5	318.1	336.2	335.0	368.3	364.0	379.4	367.8	384.2	375.0	374.6	388.8	386.6	385.2	381.6
1708	49.9	6.03	311.5	298.6	331.6	331.4	347.5	349.4	386.1	381.3	398.7	387.1	403.6	393.9	395.4	408.5	407.4	402.7	403.5
1709	49.9	5.00	315.9	301.1	337.6	336.3	351.5	358.0	397.5	390.9	409.4	399.4	417.1	408.2	407.8	421.6	419.6	417.6	417.3
1710	50.0	3.91	325.7	310.3	351.4	345.4	367.1	374.1	417.8	411.4	430.6	421.4	436.6	431.1	428.7	440.6	438.5	439.1	437.5
1711	50.2	3.34	336.0	321.1	363.5	363.3	384.2	389.5	435.9	430.4	444.4	437.9	449.8	446.6	442.6	454.1	452.6	453.7	451.8
1712	50.0	3.37	338.7	323.9	358.7	364.8	389.6	392.3	434.5	432.1	445.1	438.0	448.5	445.0	442.1	451.6	451.5	450.5	449.5

SRL Single Tube Flow Instability Test # 9.0
Inconel Tube ID = 0.359"

RUN	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77
	BL	TKW04E	BL	TJREF	BL	BL	BL	RTS	HRATIO	SVOLT	SPT01										
	TEW01E	TKW07W	TKW01S	TEREF	BL	BL	PWR2	QUALITY	HLOSS	SCURR	SDPT1										
1663	88.3	0	78.1	78.2	79.0	0	33.3	31.7	0	0	0	0	0.0	-0.012	0.00	0.0	0.0	0.0	0.0	0.7	0.0
1664	77.7	0	78.4	78.3	79.1	0	33.2	32.0	0	0	0	0	0.0	0.016	0.00	0.0	0.0	0.0	0.0	0.8	0.0
1665	78.0	0	77.4	77.8	79.2	0	33.1	31.8	0	0	0	0	0.0	0.000	0.00	0.0	0.0	0.0	0.0	0.8	0.0
1666	80.5	0	76.5	77.0	78.0	0	33.3	32.0	0	0	0	0	0.0	-0.018	0.00	0.0	0.0	0.0	0.0	0.8	0.0
1667	80.0	0	76.4	76.7	76.4	0	33.5	31.8	0	0	0	0	0.0	0.017	0.00	0.0	0.0	0.0	0.0	0.7	0.0
1668	76.2	0	76.7	76.8	78.0	0	33.4	31.8	0	0	0	0	0.0	0.033	0.00	0.0	0.0	0.0	0.0	0.5	0.0
1669	76.9	0	76.7	76.8	75.6	0	33.1	32.0	0	0	0	0	0.0	-0.012	0.00	0.0	0.0	0.0	0.0	0.8	0.0
1670	76.7	0	76.6	76.8	77.2	0	33.3	31.9	0	0	0	0	0.0	-0.003	0.00	0.0	0.0	0.0	0.0	0.8	0.0
1671	78.3	0	77.0	76.9	77.4	0	33.3	31.9	0	0	0	0	0.0	-0.066	0.00	0.0	0.0	0.0	0.0	0.8	1.2
1672	75.9	0	76.5	76.6	77.7	0	33.4	31.9	0	0	0	0	0.0	-0.023	0.00	0.0	0.0	0.0	0.0	0.5	1.1
1673	77.1	0	76.9	76.7	77.7	0	33.5	31.9	0	0	0	0	0.0	-0.042	0.00	0.0	0.0	0.0	0.0	0.5	1.2
1674	76.0	0	76.9	76.9	77.3	0	33.1	31.9	0	0	0	0	0.0	0.011	0.00	0.0	0.0	0.0	0.0	0.5	1.4
1675	75.8	0	77.0	77.0	76.6	0	33.3	31.9	0	0	0	0	0.0	-0.010	0.00	0.0	0.0	0.0	0.0	0.5	1.7
1676	76.4	0	76.9	77.1	77.0	0	33.3	32.1	0	0	0	0	0.0	0.080	0.00	0.0	0.0	0.0	0.0	0.6	1.8
1677	76.5	0	76.8	76.7	77.2	0	33.6	31.9	0	0	0	0	0.0	0.029	0.00	0.0	0.0	0.0	0.0	0.5	1.3
1678	84.2	0	76.9	77.2	76.8	0	33.5	31.9	0	0	0	0	0.0	0.040	0.00	0.0	0.0	0.0	0.0	0.6	1.0
1679	77.1	0	77.2	77.2	76.9	0	33.1	31.9	0	0	0	0	0.0	-0.116	0.00	0.0	0.0	0.0	0.0	0.7	0.0
1680	123.8	0	122.5	122.3	122.6	0	33.7	31.9	0	0	0	0	0.0	-0.488	0.00	0.0	0.0	0.0	0.0	0.6	0.0
1681	122.1	0	120.8	120.9	121.7	0	33.2	31.7	0	0	0	0	0.0	-0.193	0.00	0.0	0.0	0.0	0.0	0.5	0.0
1682	121.3	0	120.6	120.4	121.0	0	33.6	31.5	0	0	0	0	0.0	-0.244	0.00	0.0	0.0	0.0	0.0	0.6	0.0
1683	122.7	0	120.7	120.1	120.6	0	32.9	31.7	0	0	0	0	0.0	-0.147	0.00	0.0	0.0	0.0	0.0	0.7	0.0
1684	121.9	0	121.1	121.3	121.5	0	33.3	31.4	0	0	0	0	0.0	-0.056	0.00	0.0	0.0	0.0	0.0	0.6	0.0
1685	123.4	0	121.5	121.6	121.8	0	33.3	31.5	0	0	0	0	0.0	-0.056	0.00	0.0	0.0	0.0	0.0	0.6	0.0
1686	123.6	0	121.9	121.9	121.7	0	33.2	31.6	0	0	0	0	0.0	-0.024	0.00	0.0	0.0	0.0	0.0	0.5	0.0
1687	123.7	0	122.1	122.0	121.8	0	33.2	31.5	0	0	0	0	0.0	-0.082	0.00	0.0	0.0	0.0	0.0	0.5	1.2
1688	124.5	0	122.0	121.9	122.3	0	33.0	31.6	0	0	0	0	0.0	-0.082	0.00	0.0	0.0	0.0	0.0	0.6	1.6
1689	122.9	0	121.8	121.1	121.8	0	32.8	31.7	0	0	0	0	0.0	-0.088	0.00	0.0	0.0	0.0	0.0	0.4	2.9
1690	123.4	0	121.6	121.1	121.2	0	32.9	31.7	0	0	0	0	0.0	-0.088	0.00	0.0	0.0	0.0	0.0	0.5	1.6
1691	141.1	0	120.9	120.0	121.2	0	33.0	31.5	0	0	0	0	0.0	-0.150	0.00	0.0	0.0	0.0	0.0	0.4	2.4
1692	124.7	0	120.3	120.0	120.5	0	32.7	31.6	0	0	0	0	0.0	-0.416	0.00	0.0	0.0	0.0	0.0	0.5	1.7
1693	123.8	0	122.6	122.9	122.0	0	33.6	31.6	0	0	0	0	0.0	0.043	0.00	0.0	0.0	0.0	0.0	0.5	1.0
1694	123.0	0	121.9	121.7	121.9	0	33.4	31.4	0	0	0	0	0.0	-0.132	0.00	0.0	0.0	0.0	0.0	0.6	1.0
1695	277.8	0	284.1	264.1	276.7	0	33.1	31.6	0	0	0	0	87.0	0.044	-19.80	98.3	1.7	1.0	0.5	0.7	0.0
1696	288.5	0	290.3	270.4	283.1	0	33.2	31.6	0	0	0	0	87.0	0.044	-19.23	99.4	0.6	1.1	0.5	0.5	0.0
1697	293.2	0	297.7	277.2	290.7	0	33.2	31.6	0	0	0	0	86.7	0.044	-18.77	99.0	1.0	1.2	0.4	0.7	0.0
1698	305.7	0	309.2	288.3	303.1	0	33.1	31.5	0	0	0	0	86.8	0.044	-17.71	99.4	0.6	1.1	0.3	0.6	0.0
1699	315.8	0	322.9	302.3	318.4	0	32.5	31.5	0	0	0	0	86.7	0.044	-16.84	99.2	0.8	1.1	0.4	0.5	0.0
1700	328.9	0	334.6	314.3	331.9	0	33.0	31.5	0	0	0	0	86.6	0.044	-15.63	98.7	1.3	1.0	0.3	0.6	1.1
1701	341.5	0	346.8	326.8	342.8	0	32.8	31.7	0	0	0	0	86.7	0.044	-14.63	99.7	0.3	1.0	0.3	0.6	1.0
1702	353.7	0	350.2	338.2	353.6	0	33.1	31.5	0	0	0	0	87.2	0.044	-13.69	99.0	1.0	0.5	0.3	0.7	1.1
1703	354.8	0	360.2	339.3	355.4	0	33.1	31.9	0	0	0	0	86.4	0.044	-13.43	99.2	0.8	0.9	0.3	0.5	1.5
1704	375.6	0	377.8	358.6	374.2	0	33.2	31.9	0	0	0	0	87.3	0.044	-11.83	99.4	0.6	0.9	0.4	0.6	1.6
1705	380.9	0	384.3	365.9	381.6	0	33.3	31.8	0	0	0	0	86.5	0.044	-11.00	98.4	1.6	2.5	0.6	0.5	3.1
1706	387.5	0	391.7	372.0	391.0	0	35.9	32.0	0	0	0	0	88.1	0.044	-10.46	97.5	2.5	5.4	1.1	0.4	3.8
1707	390.6	0	391.1	375.0	391.3	0	32.7	31.9	0	0	0	0	86.2	0.044	-10.25	98.5	1.5	6.2	1.1	0.6	2.7
1708	411.5	0	411.6	393.8	430.4	0	32.9	32.1	0	0	0	0	87.0	0.044	-8.33	98.7	1.3	5.8	1.2	0.4	2.1
1709	425.8	0	426.1	408.2	430.1	0	33.4	32.1	0	0	0	0	86.8	0.044	-6.81	97.4	2.6	4.7	0.9	0.5	2.2
1710	443.1	0	445.5	427.3	448.7	0	32.5	32.1	0	0	0	0	86.3	0.044	-4.45	97.0	3.0	5.2	1.1	0.6	3.4
1711	455.1	0	461.2	443.5	460.3	0	32.8	31.6	0	0	0	0	86.9	0.044	-1.95	96.5	3.5	5.3	1.1	1.3	19.9
1712	454.7	0	457.2	439.7	458.0	0	32.7	31.9	0	0	0	0	86.1	0.044	-2.17	97.2	2.8	5.2	1.2	0.7	18.1

SRL Single Tube Flow Instability Test # 9.0
Inconel Tube ID = 0.359"

RUN	78 SDPT2	79	80 SFTI1	81 BL	82 BL	83 BL	84 DPL	85 VTL	86 HL	87 ID	88 DATE	89 TIME	90 TEST#	91 RUN#	92 PTO2	93 DT3	94 BL	95 BL	96 BL	97 BL	98 BL	99 BL	100 BL
1663	0.9	0.2	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.05	1133.01	9	1663	50.2	0.0	0	0	0	0	0	0	0
1664	0.8	0.3	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.05	1139.39	9	1664	50.1	0.0	0	0	0	0	0	0	0
1665	0.8	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.05	1141.45	9	1665	50.0	0.0	0	0	0	0	0	0	0
1666	0.9	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.05	1145.49	9	1666	49.9	0.0	0	0	0	0	0	0	0
1667	0.9	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.05	1148.09	9	1667	50.1	0.0	0	0	0	0	0	0	0
1668	0.9	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.05	1149.57	9	1668	49.9	0.0	0	0	0	0	0	0	0
1669	1.1	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.05	1155.14	9	1669	50.0	0.0	0	0	0	0	0	0	0
1670	1.3	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.05	1158.00	9	1670	50.2	51.8	0	0	0	0	0	0	0
1671	1.7	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.05	1202.03	9	1671	50.0	44.0	0	0	0	0	0	0	0
1672	1.8	0.6	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.05	1204.26	9	1672	49.9	39.3	0	0	0	0	0	0	0
1673	1.8	0.6	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.05	1207.35	9	1673	50.0	31.7	0	0	0	0	0	0	0
1674	2.8	0.8	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.05	1209.27	9	1674	50.0	22.8	0	0	0	0	0	0	0
1675	3.2	0.8	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.05	1211.11	9	1675	50.0	15.7	0	0	0	0	0	0	0
1676	4.2	1.0	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.05	1213.08	9	1676	50.1	11.3	0	0	0	0	0	0	0
1677	2.1	0.7	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.05	1217.50	9	1677	50.0	28.8	0	0	0	0	0	0	0
1678	1.6	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.05	1221.48	9	1678	50.0	40.5	0	0	0	0	0	0	0
1679	0.9	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.05	1224.22	9	1679	50.2	0.0	0	0	0	0	0	0	0
1680	1.0	0.3	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.12	1451.08	9	1680	50.1	0.0	0	0	0	0	0	0	0
1681	0.9	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1452.57	9	1681	50.1	0.0	0	0	0	0	0	0	0
1682	1.2	0.3	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.12	1455.04	9	1682	50.1	0.0	0	0	0	0	0	0	0
1683	1.0	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1458.26	9	1683	50.1	0.0	0	0	0	0	0	0	0
1684	1.3	0.4	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.12	1516.04	9	1684	50.3	0.0	0	0	0	0	0	0	0
1685	1.1	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1517.58	9	1685	50.1	0.0	0	0	0	0	0	0	0
1686	1.3	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1519.48	9	1686	50.0	0.0	0	0	0	0	0	0	0
1687	1.5	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1521.55	9	1687	50.0	37.3	0	0	0	0	0	0	0
1688	2.1	0.6	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1523.47	9	1688	50.3	27.5	0	0	0	0	0	0	0
1689	3.3	0.8	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1525.43	9	1689	50.1	19.7	0	0	0	0	0	0	0
1690	3.2	0.9	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1527.43	9	1690	49.9	13.2	0	0	0	0	0	0	0
1691	3.4	1.1	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1529.34	9	1691	50.2	9.4	0	0	0	0	0	0	0
1692	3.0	0.8	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1534.12	9	1692	50.0	15.7	0	0	0	0	0	0	0
1693	1.3	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1550.31	9	1693	50.3	40.7	0	0	0	0	0	0	0
1694	1.2	0.5	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.12	1557.35	9	1694	49.7	44.5	0	0	0	0	0	0	0
1695	0.8	0.2	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.12	1628.26	9	1695	50.0	0.0	0	0	0	0	0	0	0
1696	0.9	0.2	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.12	1633.03	9	1696	49.9	0.0	0	0	0	0	0	0	0
1697	0.8	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1637.18	9	1697	49.9	0.0	0	0	0	0	0	0	0
1698	0.9	0.4	0.3	0	0	0	100.5	95.5	96.0	0.359	8910.12	1643.11	9	1698	50.0	0.0	0	0	0	0	0	0	0
1699	1.3	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1646.10	9	1699	50.2	0.0	0	0	0	0	0	0	0
1700	1.3	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1648.35	9	1700	50.2	41.3	0	0	0	0	0	0	0
1701	1.6	0.6	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1655.38	9	1701	49.9	34.7	0	0	0	0	0	0	0
1702	2.4	0.6	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.12	1705.07	9	1702	50.5	28.2	0	0	0	0	0	0	0
1703	2.4	0.7	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.13	1114.05	9	1703	50.0	27.7	0	0	0	0	0	0	0
1704	2.7	0.8	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.13	1123.49	9	1704	49.9	21.5	0	0	0	0	0	0	0
1705	4.7	0.8	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.13	1202.45	9	1705	50.1	18.7	0	0	0	0	0	0	0
1706	4.4	0.6	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.13	1554.53	9	1706	49.9	17.8	0	0	0	0	0	0	0
1707	3.4	0.6	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.13	1613.38	9	1707	50.2	16.9	0	0	0	0	0	0	0
1708	3.6	0.7	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.13	1629.36	9	1708	49.9	13.3	0	0	0	0	0	0	0
1709	3.5	0.7	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.13	1655.17	9	1709	49.9	11.0	0	0	0	0	0	0	0
1710	6.0	0.9	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.13	1657.23	9	1710	50.0	8.6	0	0	0	0	0	0	0
1711	33.4	0.8	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.13	1700.06	9	1711	50.2	7.4	0	0	0	0	0	0	0
1712	22.1	1.0	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.13	1702.06	9	1712	50.5	7.4	0	0	0	0	0	0	0

SRL Single Tube Flow Instability Test # 9.0
Inconel Tube ID = 0.359"

RUN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	HFLX		VOLTT		CURRT2		PTI2		PTO3		PBO1		PL2		PXI1		PPI1		
	PWR1	VOLTB	CURRT1	PTI1	PTO1	PBI1	PL1	PD1	PXO1	PPO1									
1713	87.7	0.400	62.7	62.2	1411	1406	50.7	51.0	49.9	49.2	50.9	49.0	51.6	51.0	48.6	48.3	48.6	0.1	0.0
1714	87.2	0.398	61.6	61.8	1411	1395	52.8	53.1	50.5	48.5	53.0	48.2	53.5	49.8	47.9	47.4	47.8	0.0	0.1
1715	87.2	0.398	61.8	61.8	1412	1403	109.0	130.6	49.8	51.9	129.8	52.4	127.5	53.9	48.3	51.5	48.5	0.0	0.1
1716	87.5	0.399	62.8	61.8	1417	1403	98.3	116.0	49.9	51.2	115.2	51.8	113.6	53.2	48.4	51.0	48.5	-0.1	0.0
1717	86.7	0.395	61.9	61.5	1410	1402	91.4	106.6	49.8	50.8	105.8	51.3	104.4	52.8	48.3	50.5	48.4	-0.1	0.0
1718	87.4	0.399	62.8	61.8	1414	1407	85.6	98.8	49.9	50.4	98.1	51.0	96.9	52.5	48.4	50.2	48.5	-0.1	0.0
1719	87.4	0.399	62.5	61.8	1414	1402	79.2	89.8	50.1	50.2	89.3	50.8	88.8	52.2	48.6	50.1	48.7	0.0	0.0
1720	87.1	0.398	62.6	61.8	1410	1399	73.2	82.1	50.2	49.9	81.3	50.5	80.9	51.9	48.7	49.9	48.8	-0.1	0.0
1721	86.7	0.396	61.4	61.6	1407	1399	68.5	75.5	50.1	49.4	74.9	50.0	74.6	51.5	48.6	49.5	48.7	-0.1	0.0
1722	88.2	0.402	62.6	62.1	1421	1413	63.8	69.4	49.9	49.1	68.8	49.6	68.7	51.1	48.5	49.0	48.6	-0.1	0.0
1723	87.5	0.399	62.2	61.9	1414	1400	61.3	65.8	50.1	49.2	65.1	49.7	65.3	51.1	48.7	49.0	48.8	-0.1	0.0
1724	87.0	0.397	62.1	61.7	1409	1400	58.6	62.3	50.0	48.8	61.7	49.3	61.9	50.7	48.5	48.8	48.6	-0.1	0.0
1725	88.3	0.403	62.9	62.2	1420	1410	57.1	60.1	50.1	49.3	59.6	49.3	59.8	50.7	48.6	48.9	48.7	-0.1	0.0
1726	87.8	0.400	63.2	62.1	1412	1408	55.0	57.0	49.9	49.0	56.9	49.0	56.9	50.3	48.4	48.6	48.5	-0.1	0.0
1727	87.4	0.399	62.4	61.9	1413	1402	53.8	55.6	50.0	48.6	55.5	49.1	56.1	50.5	48.6	48.7	48.7	-0.1	0.0
1728	87.9	0.401	62.6	62.1	1415	1401	52.5	54.0	50.1	48.4	53.5	48.8	53.9	50.3	48.4	48.5	48.4	-0.1	0.0
1729	130.6	0.596	75.7	75.6	1728	1716	112.7	135.7	49.9	52.8	135.2	52.9	132.6	54.6	48.3	51.8	48.4	0.3	0.0
1730	132.0	0.603	75.9	76.0	1737	1725	93.9	110.2	50.1	51.6	109.7	51.8	107.6	53.6	48.5	50.8	48.6	0.4	0.0
1731	131.8	0.601	76.4	76.1	1732	1720	79.8	91.1	50.0	50.6	90.7	50.8	89.6	52.4	48.4	49.9	48.5	0.3	0.0
1732	130.7	0.596	76.1	75.7	1726	1715	70.7	78.7	50.0	50.2	78.3	50.3	77.2	51.8	48.6	49.4	48.7	0.3	0.0
1733	131.9	0.602	76.4	76.1	1733	1722	65.5	71.7	50.1	49.9	71.2	50.1	70.9	51.9	48.7	49.3	48.7	0.3	0.0
1734	131.4	0.599	76.4	76.0	1728	1715	61.9	66.6	50.2	49.7	66.3	49.9	66.2	51.6	48.7	49.2	48.8	0.3	0.0
1735	130.7	0.596	76.2	75.9	1723	1712	58.9	62.5	49.9	49.2	62.2	49.5	62.2	51.1	48.5	48.6	48.5	0.4	0.0
1736	132.0	0.602	76.3	76.3	1731	1718	56.9	59.9	50.2	49.4	59.5	49.6	59.7	50.9	48.7	48.8	48.8	0.3	0.0
1737	132.7	0.606	76.7	76.4	1738	1722	55.0	57.3	49.9	49.0	56.8	49.3	57.2	50.9	48.5	48.5	48.6	0.3	0.0
1738	132.4	0.604	76.7	76.3	1735	1723	61.8	66.5	49.9	49.8	66.6	49.6	66.6	51.5	48.5	49.1	48.6	0.0	-0.1
1739	131.6	0.601	76.4	76.2	1728	1717	56.6	59.3	50.0	49.5	59.4	49.4	59.6	51.3	48.6	48.8	48.7	0.0	-0.1
1740	131.2	0.599	76.3	76.0	1727	1713	54.9	57.1	50.1	49.4	57.1	49.4	57.4	49.9	48.7	48.7	48.8	0.1	-0.1
1741	131.5	0.600	76.5	76.1	1728	1716	54.3	56.1	50.4	49.4	56.1	49.4	56.4	50.6	48.8	49.0	48.9	0.1	-0.1
1742	130.2	0.594	75.8	75.8	1719	1705	54.3	55.5	50.4	49.3	55.7	49.2	56.0	51.2	48.6	48.8	48.7	0.1	-0.1
1743	131.6	0.600	76.2	76.2	1727	1716	55.3	56.7	50.6	50.0	56.8	50.0	57.1	51.5	49.5	49.7	49.6	0.3	-0.1
1744	130.5	0.596	76.3	75.9	1721	1715	56.2	57.7	50.1	50.3	57.6	50.2	57.8	52.2	50.0	50.0	50.1	0.2	0.0
1745	87.4	0.399	61.3	61.9	1412	1400	53.1	54.3	50.0	49.2	54.3	49.1	54.5	50.2	48.6	48.9	48.7	0.3	0.0
1746	87.6	0.400	62.4	62.0	1412	1402	52.2	53.1	50.4	49.2	52.9	49.2	53.3	50.8	48.8	49.0	48.9	0.3	0.1
1747	173.7	0.793	87.9	87.5	1985	1973	105.3	124.6	50.0	52.2	125.3	52.6	123.1	54.6	48.8	51.6	48.6	0.3	0.1
1748	175.4	0.800	87.9	87.9	1995	1977	97.5	114.8	50.0	51.8	114.4	52.3	112.7	54.1	48.8	51.3	48.7	0.3	0.2
1749	175.0	0.798	88.0	87.6	1997	1981	89.0	103.5	50.0	51.2	103.2	51.9	101.6	53.6	48.7	50.8	48.7	0.3	0.1
1750	173.9	0.793	88.2	87.3	1991	1980	85.1	98.3	50.1	51.0	97.7	51.5	96.4	53.8	48.8	50.6	48.7	0.4	0.1
1751	173.9	0.793	86.8	87.4	1991	1982	81.8	93.7	50.0	50.7	93.2	51.1	92.2	52.8	48.7	50.2	48.6	0.4	0.1
1752	174.6	0.797	88.1	87.7	1991	1978	78.5	89.1	50.3	50.6	88.7	51.0	87.4	53.4	48.9	50.2	48.8	0.3	0.1
1753	174.8	0.798	88.3	87.9	1988	1974	75.7	85.5	50.1	50.4	85.1	50.8	84.1	52.8	48.8	50.1	48.8	0.3	0.1
1754	176.2	0.804	88.0	88.4	1994	1980	72.5	81.2	50.1	50.2	80.7	50.6	79.9	52.4	48.8	49.9	48.8	0.3	0.1
1755	174.2	0.795	86.9	87.5	1990	1976	69.5	77.0	50.0	49.9	76.7	50.2	76.0	51.8	48.7	49.6	48.6	0.4	0.1
1756	176.5	0.805	89.1	88.4	1998	1983	67.3	73.8	50.2	49.9	73.5	50.3	73.2	51.6	48.9	49.7	48.9	0.4	0.1
1757	174.6	0.797	87.7	87.5	1995	1980	85.1	70.9	50.0	49.6	70.6	49.9	70.4	52.3	48.7	49.5	48.7	0.4	0.2
1758	175.8	0.802	88.4	88.1	1995	1980	63.7	69.0	49.9	49.4	68.7	49.8	68.4	51.9	48.6	49.3	48.6	0.4	0.1
1759	175.5	0.801	88.0	88.0	1994	1976	63.0	68.0	50.3	49.7	67.6	50.0	67.3	51.5	49.0	49.6	48.9	0.4	0.1
1760	173.9	0.793	87.9	87.8	1981	1971	60.8	64.8	50.0	49.4	64.7	49.8	64.5	51.4	48.8	49.3	48.7	0.4	0.1
1761	174.1	0.794	88.0	87.8	1983	1968	60.4	64.1	50.3	49.2	63.7	49.7	63.6	51.3	48.7	49.3	48.6	0.5	0.2
1762	217.8	0.994	97.7	98.0	2222	2206	102.1	121.3	50.1	52.3	120.9	52.7	118.8	55.5	48.8	52.1	48.9	0.5	0.4

SRL Single Tube Flow Instability Test # 9.0
Inconel Tube ID = 0.359"

20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
RUN	PA1	DT1	DT2	DP1	DLV1	OLI1	FTI1	FBI1	FXI1	FXI2	FS1	TRTI1	TRTI2	TRTO1	TRTO2	JXI1	JXO1	
1713	48.1	3.94	4.08	-0.1	0.0	0.78	-0.01	2.76	0.00	0.00	3.03	0.0	76.5	76.4	287.5	288.6	273.4	59.5
1714	47.4	5.69	5.90	0.1	-0.1	0.78	-0.01	2.54	0.00	0.00	2.88	0.0	76.1	75.9	295.5	296.6	108.9	54.3
1715	48.1	0.03	62.92	0.0	-1.2	11.06	14.27	14.03	0.00	13.38	14.23	3.6	122.5	122.3	165.0	165.6	163.3	108.6
1716	48.1	0.03	52.19	-0.2	-0.4	9.66	12.94	12.72	0.00	12.04	12.92	0.6	121.5	121.1	168.3	169.4	166.5	127.0
1717	48.1	0.03	45.19	0.0	-0.3	8.92	12.03	11.82	0.00	10.97	12.02	0.3	121.6	121.4	172.0	172.8	169.3	128.4
1718	48.2	0.03	39.47	-0.1	-0.3	6.18	11.12	11.01	0.00	10.08	11.18	1.1	121.5	121.1	175.5	176.5	172.6	122.9
1719	48.4	0.03	32.71	-0.1	-0.2	5.39	10.03	10.00	0.00	0.00	10.22	0.3	121.0	120.8	180.5	181.2	176.4	129.4
1720	48.5	0.03	26.67	-0.1	-0.2	6.42	8.84	8.99	0.00	0.00	9.21	1.9	121.3	120.9	187.0	187.7	182.5	151.3
1721	48.3	0.03	21.90	0.0	-0.2	4.95	7.71	8.12	0.00	0.00	8.33	1.4	122.0	121.6	194.5	195.2	186.6	126.9
1722	48.2	16.85	17.52	-0.1	-0.1	0.78	6.39	7.19	0.00	0.00	7.42	1.1	122.0	121.7	204.5	205.8	196.1	124.4
1723	48.5	14.01	14.64	-0.1	-0.1	0.78	5.77	6.52	0.00	0.00	6.74	2.7	122.5	122.3	213.4	214.2	202.4	119.4
1724	48.2	11.69	12.16	-0.1	-0.2	0.78	4.99	5.92	0.00	0.00	6.15	0.7	122.5	122.4	222.5	223.9	218.5	108.3
1725	48.4	10.00	10.43	-0.1	-0.1	0.78	4.73	5.43	0.00	0.00	5.68	1.2	121.5	121.2	231.5	232.5	223.7	144.7
1726	48.2	8.16	8.52	-0.1	-0.1	0.78	4.25	4.89	0.00	0.00	5.15	2.2	122.6	122.5	245.0	246.3	237.1	73.1
1727	48.3	7.04	7.34	-0.1	-0.1	0.78	3.12	4.51	0.00	0.00	4.77	0.4	121.5	121.2	251.5	252.5	243.0	162.0
1728	48.0	5.51	5.74	-0.1	-0.1	0.78	0.26	3.94	0.00	0.29	4.38	1.5	121.5	121.1	270.5	272.2	249.9	189.3
1729	47.8	0.03	66.46	0.0	0.4	12.79	14.82	14.49	0.00	13.87	14.70	0.4	77.0	76.7	138.5	139.2	136.1	82.3
1730	47.9	0.03	47.59	0.1	0.5	10.73	12.45	12.21	0.00	11.43	12.44	0.0	77.5	77.6	151.5	152.3	149.0	70.2
1731	47.8	0.03	33.62	0.0	-0.1	8.79	10.53	10.28	0.00	9.41	10.49	0.0	76.1	76.1	161.2	162.3	150.5	70.4
1732	48.0	0.03	24.34	0.0	-0.2	6.28	8.76	8.65	0.00	7.45	8.90	0.0	76.5	76.5	179.5	180.7	177.3	84.8
1733	48.1	18.38	19.20	0.0	0.0	5.50	7.45	7.59	0.00	6.23	7.85	0.0	77.5	77.5	195.8	196.8	192.3	71.8
1734	48.2	14.78	15.47	0.0	0.0	6.15	6.47	6.78	0.00	5.27	7.03	0.0	76.5	76.4	208.0	209.1	192.4	70.2
1735	47.9	12.05	12.65	0.0	0.0	6.15	5.56	6.10	0.00	4.37	6.37	0.0	76.0	75.9	221.5	222.8	214.6	122.5
1736	48.2	9.89	10.38	0.0	-0.1	6.15	4.69	5.50	0.00	0.68	5.79	0.2	77.5	77.3	237.5	238.9	217.5	71.3
1737	47.9	8.14	8.56	0.0	0.0	4.92	3.81	4.93	0.00	0.00	5.31	0.7	77.5	77.2	256.9	258.2	231.2	68.0
1738	48.3	14.89	15.44	0.0	-0.3	1.23	6.73	6.82	0.00	5.43	7.08	0.6	76.5	76.4	208.7	210.0	202.7	72.2
1739	48.2	9.55	9.92	-0.1	-0.4	2.46	4.71	5.40	0.00	0.50	5.75	0.1	77.0	76.7	241.5	242.9	208.9	69.1
1740	48.4	7.89	8.15	-0.1	-0.3	0.78	4.35	4.88	0.00	0.22	5.21	0.8	76.5	76.2	258.0	259.5	231.3	67.4
1741	48.5	6.98	7.26	-0.1	-0.2	0.78	2.88	4.53	0.00	0.00	4.98	0.2	77.0	76.7	271.0	272.7	210.8	66.8
1742	48.4	7.38	7.46	-0.1	-0.1	0.78	1.51	4.23	0.00	0.01	4.75	0.1	76.0	76.1	282.3	283.7	248.2	64.6
1743	49.2	7.66	7.82	-0.1	-0.3	2.75	0.54	4.24	0.00	0.27	4.44	0.3	77.0	77.0	287.3	288.9	276.5	64.9
1744	49.7	9.19	9.32	0.0	-0.3	0.78	0.21	4.05	0.00	0.00	1.55	0.0	77.2	77.1	292.0	293.6	278.4	56.0
1745	48.3	6.05	6.30	-0.1	0.0	0.78	0.01	4.21	0.00	0.00	4.49	0.0	121.5	121.5	259.0	260.4	198.3	73.3
1746	48.5	4.87	5.12	-0.1	0.0	0.78	0.03	3.65	0.00	0.00	4.03	0.0	121.0	120.7	276.8	278.5	227.6	70.7
1747	48.2	58.03	59.19	0.0	-0.7	11.08	13.92	13.67	0.00	13.03	13.96	0.9	77.5	77.8	164.6	165.6	164.4	72.0
1748	47.7	49.91	51.08	0.1	-0.7	12.31	12.96	12.70	0.00	12.10	13.01	0.2	76.5	76.2	170.5	171.7	164.8	74.2
1749	48.3	40.81	42.68	0.1	-0.5	10.87	11.83	11.60	0.00	10.88	11.88	0.5	76.0	75.9	179.0	180.1	169.2	75.7
1750	48.3	37.64	38.77	0.0	-0.4	9.77	11.24	11.03	0.00	10.29	11.31	1.9	76.0	76.0	184.0	185.1	177.1	91.2
1751	48.3	34.53	35.48	-0.1	-0.3	9.77	10.76	10.55	0.00	9.91	10.85	0.5	77.5	77.4	190.5	191.6	182.2	75.0
1752	48.5	31.12	31.78	0.0	0.2	9.92	10.15	9.97	0.00	9.10	10.26	0.2	78.0	77.8	197.5	198.3	188.6	74.1
1753	48.4	27.52	29.22	-0.1	-0.5	8.88	9.75	9.54	0.00	8.78	9.82	0.9	77.5	77.3	202.0	203.3	195.3	75.2
1754	48.4	25.29	25.91	-0.1	0.0	9.29	9.13	8.98	0.00	8.19	9.31	0.8	77.0	76.8	210.0	211.2	199.8	74.6
1755	47.4	22.44	23.05	0.0	-0.2	9.21	8.56	8.43	0.00	7.72	8.81	0.8	76.5	76.3	217.0	218.0	206.5	75.5
1756	48.5	20.05	20.56	0.0	0.0	6.63	7.88	7.94	0.00	7.38	8.30	1.3	76.0	75.8	226.5	228.0	218.3	77.8
1757	48.3	18.17	18.63	0.1	-0.2	8.87	7.92	7.53	0.00	6.77	7.90	2.0	76.2	76.1	235.5	236.7	224.0	74.4
1758	48.2	16.76	17.14	-0.1	-0.1	6.63	7.17	7.20	0.00	6.44	7.58	0.2	76.1	76.1	242.0	243.4	230.0	75.3
1759	48.6	15.73	16.13	0.0	0.1	5.64	7.27	6.95	0.00	6.91	7.34	1.0	76.0	75.9	247.0	248.7	236.7	73.6
1760	48.4	13.64	14.05	0.0	0.0	5.90	7.47	6.44	0.00	5.96	6.88	1.8	76.5	76.3	260.0	261.5	242.8	74.3
1761	48.0	12.68	13.10	0.0	0.0	5.90	9.37	6.20	0.00	6.55	6.73	3.4	76.5	76.3	266.5	267.9	256.4	68.5
1762	48.5	54.75	55.78	0.0	-0.3	9.77	13.67	13.30	0.00	12.94	13.68	8.1	77.7	77.6	189.5	190.6	188.6	74.3

SRL Single Tube Flow Instability Test # 9.0

Inconel Tube ID = 0.359"

38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	
RUN	PTO2	TEW95W	TEW72N	TEW48W	TEW24N	TEW13W	TEW10N	TEW07W	TEW04N	TEW01W									
	DT3	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S										
1713	49.9	3.95	349.5	336.6	378.0	376.9	413.5	406.9	446.1	441.5	453.8	447.9	456.4	451.9	449.2	458.7	456.1	454.0	450.8
1714	50.5	5.68	335.2	314.9	374.6	367.6	370.8	406.9	448.2	438.4	453.4	449.9	454.4	454.2	445.0	455.8	449.5	450.3	443.2
1715	49.8	0.00	279.3	266.9	287.1	287.3	289.4	292.5	308.9	304.8	313.5	303.5	315.5	307.9	308.9	318.4	315.0	308.5	309.6
1716	49.9	0.00	282.5	270.6	288.9	291.5	296.1	295.6	313.7	309.9	318.9	308.7	321.2	313.3	311.9	324.3	320.7	310.8	315.5
1717	49.8	0.00	284.0	272.7	295.2	293.6	298.7	299.2	318.1	313.8	322.8	313.1	325.7	316.8	316.5	328.9	325.4	326.1	320.3
1718	49.9	0.00	286.9	274.5	295.1	297.0	302.5	302.4	322.0	318.0	327.9	317.7	330.3	322.6	322.2	333.3	330.0	326.0	325.2
1719	50.1	0.00	289.3	276.9	298.7	300.9	306.5	307.1	328.1	323.5	333.8	323.6	336.7	328.7	328.5	339.7	336.6	343.4	331.8
1720	50.2	0.00	292.8	280.7	303.2	305.9	312.5	312.6	335.2	330.6	341.9	331.4	344.2	336.6	336.7	348.0	345.0	333.8	340.3
1721	50.1	21.50	297.1	284.4	308.9	310.7	318.9	320.5	343.8	339.4	351.1	341.0	354.2	345.9	345.9	358.3	355.3	355.6	350.4
1722	49.9	17.03	301.6	289.1	316.7	318.5	327.6	328.8	354.9	349.4	362.7	352.4	367.1	359.4	358.2	371.4	367.1	366.3	363.5
1723	50.1	14.13	308.2	294.8	324.3	325.3	336.1	337.4	365.1	360.4	373.6	363.3	377.6	368.5	368.9	381.5	379.0	377.5	375.2
1724	50.0	11.80	312.7	300.9	330.2	331.9	346.1	345.3	374.7	370.3	384.2	373.7	388.5	380.7	380.3	392.8	390.8	386.0	386.7
1725	50.1	10.08	319.4	306.6	336.5	339.3	356.0	355.3	387.1	382.3	397.1	386.7	402.6	393.6	393.6	406.7	404.6	402.9	401.0
1726	49.9	8.22	327.5	314.0	348.5	350.2	368.2	366.7	401.3	396.9	412.7	401.7	417.7	409.5	409.9	421.6	420.5	413.7	417.2
1727	50.0	7.08	328.6	315.0	351.6	352.2	372.1	371.0	407.1	402.3	418.9	408.5	424.9	416.6	416.6	428.9	427.1	424.5	424.2
1728	50.1	5.52	335.0	319.4	361.8	366.7	380.4	387.5	427.4	421.7	438.1	429.3	442.3	436.7	435.2	447.3	446.4	446.1	444.0
1729	50.0	0.00	320.3	303.0	325.2	328.1	332.6	330.8	354.8	348.6	360.9	346.3	363.2	351.6	350.7	367.5	362.0	356.8	354.3
1730	50.1	0.00	330.3	313.3	338.7	340.7	346.8	345.6	371.4	364.9	378.3	363.7	381.6	369.8	368.5	386.1	380.3	375.9	373.2
1731	50.0	0.00	335.0	317.2	338.1	345.9	352.3	353.5	380.5	372.7	387.8	373.4	392.3	380.9	378.5	396.8	390.4	388.6	384.3
1732	50.0	23.90	349.1	331.7	358.7	362.4	374.5	370.2	401.9	395.6	411.1	396.5	415.3	403.3	401.8	419.8	415.6	411.5	409.0
1733	50.1	18.60	360.1	342.4	365.0	375.2	389.1	385.3	420.0	413.3	430.4	415.8	435.3	422.7	422.5	440.7	435.9	431.7	430.1
1734	50.2	14.91	364.4	345.9	378.4	380.1	394.5	394.1	431.1	422.8	441.7	426.9	448.5	437.0	434.8	454.0	448.4	445.2	443.4
1735	49.9	12.17	374.1	356.1	389.0	392.2	409.6	405.8	445.3	438.5	457.4	443.1	463.9	452.1	451.7	469.0	465.2	461.4	460.2
1736	50.2	9.99	379.4	361.2	397.9	399.0	416.9	416.8	457.6	450.6	472.0	457.7	480.3	468.2	467.4	485.4	481.2	472.6	477.3
1737	49.9	8.22	392.7	373.6	413.2	414.0	434.1	434.7	480.9	472.0	492.6	480.3	500.7	490.8	488.2	505.3	501.0	492.3	498.7
1738	49.9	15.05	366.2	347.8	380.7	382.3	397.6	395.5	433.4	425.5	443.8	429.1	449.9	437.5	436.7	455.2	450.4	449.0	445.4
1739	50.0	9.63	385.3	365.3	403.8	404.6	421.1	422.0	465.9	458.3	479.4	464.7	486.2	474.4	474.1	491.7	487.9	485.9	483.8
1740	50.1	7.99	393.6	372.9	409.6	413.7	433.9	434.9	481.7	473.8	494.1	481.7	500.5	490.4	489.3	505.7	503.1	501.3	500.3
1741	50.4	7.08	396.4	376.3	420.8	420.6	437.3	444.1	493.4	483.5	503.2	492.5	509.9	503.2	498.5	515.2	511.4	512.6	511.2
1742	50.4	7.20	402.6	383.2	426.2	418.9	449.5	452.0	499.4	491.2	509.0	499.1	515.2	509.4	503.0	519.0	513.6	513.2	508.9
1743	50.6	7.85	414.0	395.7	434.8	439.2	465.1	461.1	506.3	500.5	516.4	505.8	520.0	512.7	508.2	522.8	517.0	516.5	510.9
1744	50.1	0.00	412.8	394.0	432.7	443.5	465.0	462.3	506.9	500.5	515.1	505.9	518.8	512.5	507.9	520.3	513.7	514.2	505.9
1745	50.0	6.11	326.9	311.9	353.7	351.8	364.8	376.1	414.5	406.3	426.0	416.3	433.6	425.3	424.3	438.8	435.8	435.7	434.2
1746	50.4	4.90	337.5	322.4	368.3	364.4	385.4	392.4	434.2	426.1	444.2	436.9	452.3	447.0	443.1	456.9	454.8	458.0	454.3
1747	50.0	0.00	394.9	373.8	399.1	406.1	413.3	410.7	442.2	433.9	449.9	432.2	454.0	438.9	438.3	459.2	452.6	448.8	444.4
1748	50.0	0.00	398.9	376.7	406.2	410.3	417.5	416.6	449.0	439.9	457.3	439.2	462.2	448.2	445.9	467.9	460.1	455.8	452.7
1749	50.0	0.00	404.5	382.3	412.5	416.2	424.9	424.3	457.3	448.1	466.0	448.4	471.9	457.0	455.6	476.8	470.1	466.0	463.0
1750	50.0	0.00	407.3	386.0	416.5	419.8	430.2	427.4	462.2	453.5	471.1	453.6	477.3	462.2	460.6	482.7	475.5	471.3	468.7
1751	50.0	0.00	411.5	389.9	420.3	424.7	435.4	432.7	468.9	459.7	478.9	460.5	484.3	469.8	467.7	490.2	483.4	480.0	476.5
1752	50.3	0.00	416.2	395.0	428.9	430.5	442.3	440.1	477.1	468.2	487.7	469.2	492.9	478.0	476.6	498.9	493.0	487.3	485.5
1753	50.1	0.00	419.0	398.2	430.8	433.6	447.1	443.2	482.1	473.4	493.5	475.0	498.7	483.1	483.9	504.7	499.0	494.2	491.8
1754	50.1	0.00	424.3	402.2	436.1	439.4	453.4	450.2	491.0	481.5	502.3	484.3	509.2	493.9	492.3	515.2	509.4	504.1	502.7
1755	50.0	0.00	427.3	406.0	439.7	443.4	458.5	455.6	497.6	488.2	509.2	491.1	516.0	501.1	500.0	522.5	517.0	512.1	510.5
1756	50.2	20.09	434.5	411.8	450.3	451.0	467.8	463.7	508.7	499.0	521.2	503.1	529.4	513.5	512.8	535.3	529.3	525.3	523.5
1757	50.0	0.00	440.9	418.6	451.3	457.0	476.5	473.3	518.7	509.6	532.1	514.2	540.4	525.7	523.2	545.6	541.0	536.6	535.3
1758	49.9	0.00	443.2	422.0	458.5	461.3	481.5	477.1	524.8	515.1	538.7	520.6	547.1	531.7	531.3	551.8	547.2	543.6	541.3
1759	50.3	0.00	448.7	425.2	464.2	466.2	486.4	481.8	530.8	521.5	544.2	527.0	551.6	537.5	536.0	555.4	551.0	547.2	545.3
1760	50.0	0.00	451.7	430.6	470.2	472.8	494.6	491.7	541.3	531.7	552.1	537.5	558.4	547.2	543.7	563.8	559.9	557.9	556.3
1761	50.3	0.00	456.9	435.7	473.4	477.5	502.7	497.0	545.2	537.3	556.1	541.0	562.6	551.6	548.6	568.1	565.3	562.5	562.7
1762	50.1	0.00	461.0	434.3	473.0	474.1	480.1	482.3	520.9	508.9	530.4	510.0	537.2	519.5	517.6	543.0	534.9	530.1	526.5

SRL Single Tube Flow Instability Test # 9.0
Inconel Tube ID = 0.359"

	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77
RUN	BL	TKW04E	BL	TJREF	BL	BL	BL	BL	BL	BL	BL	BL	BL	RTS	HRATIO	SVOLT	SPT01				
	TEW01E	TKW07W	TKW01S	TEREF	BL	BL	BL	PWR2	QUALITY	HLOSS	SCURR	SDPT1									
1713	455.8	0	469.5	446.5	458.5	0	33.0	32.2	0	0	0	0	87.4	0.044	-0.42	97.0	3.0	5.1	1.1	1.1	11.0
1714	448.8	0	473.9	447.2	458.7	0	33.7	32.3	0	0	0	0	86.3	0.044	1.08	94.6	5.4	4.3	0.9	0.9	10.0
1715	317.6	0	324.1	306.1	319.5	0	32.6	32.1	0	0	0	0	86.7	0.044	-14.64	96.7	1.3	4.8	1.0	0.6	0.0
1716	323.5	0	329.1	308.7	321.7	0	33.1	32.0	0	0	0	0	86.7	0.044	-14.18	96.8	3.2	4.8	0.9	0.7	0.0
1717	328.1	0	333.9	313.6	326.4	0	33.3	32.0	0	0	0	0	86.2	0.044	-13.86	96.7	1.3	5.0	1.0	0.5	0.0
1718	333.2	0	338.2	318.8	333.9	0	33.2	31.9	0	0	0	0	87.0	0.044	-13.37	96.9	3.1	4.9	0.9	0.5	0.0
1719	339.6	0	344.7	326.1	341.1	0	32.1	32.0	0	0	0	0	86.6	0.044	-12.86	97.5	2.5	5.0	1.0	0.6	0.0
1720	348.3	0	352.7	331.7	346.6	0	35.0	31.9	0	0	0	0	86.5	0.044	-12.11	97.0	3.1	5.0	1.1	0.7	0.0
1721	358.2	0	362.5	342.2	357.0	0	33.3	31.9	0	0	0	0	86.2	0.044	-11.40	96.8	1.2	4.9	1.0	0.6	0.0
1722	371.7	0	376.8	358.3	374.6	0	33.7	31.9	0	0	0	0	87.7	0.044	-10.07	96.8	3.2	4.9	1.4	0.5	1.2
1723	383.2	0	386.7	367.1	384.7	0	32.8	31.7	0	0	0	0	86.6	0.044	-9.19	97.8	2.2	4.8	0.9	0.6	1.4
1724	394.8	0	396.6	378.8	397.4	0	29.3	32.3	0	0	0	0	86.4	0.044	-8.20	98.3	1.7	4.9	1.1	0.4	1.1
1725	409.0	0	410.9	393.2	411.7	0	31.7	32.0	0	0	0	0	87.6	0.044	-7.07	97.3	2.7	5.1	1.0	0.6	1.5
1726	424.5	0	424.8	406.6	425.9	0	32.8	31.5	0	0	0	0	87.5	0.044	-5.56	97.7	2.3	5.3	1.0	0.4	1.7
1727	431.8	0	431.0	414.3	432.8	0	32.7	31.9	0	0	0	0	86.8	0.044	-4.69	96.8	3.2	6.0	1.1	0.5	2.2
1728	450.3	0	452.9	434.7	456.2	0	32.4	31.6	0	0	0	0	87.1	0.044	-2.48	96.6	3.4	5.0	0.9	0.7	3.0
1729	465.4	0	476.0	450.6	466.9	0	33.4	32.1	0	0	0	0	129.7	0.044	-17.57	99.2	0.8	3.7	0.9	0.7	0.0
1730	484.8	0	496.3	470.4	484.9	0	32.7	32.1	0	0	0	0	131.1	0.044	-16.21	99.9	0.1	2.7	0.7	0.8	0.0
1731	496.4	0	507.8	484.8	499.1	0	33.5	32.0	0	0	0	0	130.9	0.044	-14.80	96.6	3.4	3.6	0.8	0.7	0.0
1732	420.2	0	425.0	403.0	420.2	0	32.7	32.0	0	0	0	0	129.9	0.044	-13.04	99.1	0.9	3.2	0.6	0.6	0.0
1733	441.6	0	446.5	425.0	442.0	0	34.2	32.1	0	0	0	0	131.1	0.044	-11.25	99.2	0.8	2.9	0.7	0.7	1.2
1734	455.1	0	459.5	437.2	454.3	0	33.9	32.0	0	0	0	0	130.4	0.044	-9.85	98.8	1.2	2.9	0.6	0.7	1.3
1735	471.4	0	475.3	453.7	469.6	0	32.9	32.1	0	0	0	0	129.9	0.044	-8.32	99.0	1.0	3.0	0.6	0.6	2.0
1736	487.9	0	493.0	473.4	490.4	0	32.9	32.2	0	0	0	0	131.0	0.044	-6.32	97.6	2.4	3.0	0.7	0.7	1.6
1737	508.9	0	515.1	494.7	513.1	0	34.1	32.1	0	0	0	0	131.5	0.044	-4.02	97.3	2.7	3.1	0.7	0.7	2.2
1738	457.3	0	458.8	444.6	457.0	0	32.1	31.6	0	0	0	0	131.4	0.044	-9.77	99.0	1.0	3.3	0.7	0.7	1.4
1739	494.2	0	503.2	484.0	496.1	0	33.6	31.7	0	0	0	0	130.8	0.044	-6.04	98.7	1.3	3.3	0.8	0.6	1.6
1740	508.6	0	510.9	500.3	511.7	0	32.3	31.7	0	0	0	0	130.1	0.044	-4.19	98.7	1.3	3.4	0.8	1.0	2.8
1741	517.1	0	521.2	515.6	526.5	0	33.6	31.7	0	0	0	0	130.6	0.044	-2.51	97.6	2.4	3.2	0.7	1.2	12.2
1742	514.7	0	527.5	518.9	520.1	0	32.0	31.9	0	0	0	0	129.2	0.044	-1.42	98.4	1.6	3.2	0.7	1.5	11.7
1743	518.0	0	533.3	521.5	524.9	0	33.2	31.8	0	0	0	0	130.7	0.044	-1.15	99.6	0.4	3.4	0.8	1.3	10.3
1744	514.3	0	530.3	514.1	514.8	0	33.0	31.8	0	0	0	0	130.1	0.044	-0.09	97.7	2.3	4.0	0.7	1.0	5.4
1745	440.3	0	436.3	436.6	444.1	0	33.2	31.5	0	0	0	0	86.7	0.044	-3.95	97.5	2.5	4.2	0.9	0.7	2.5
1746	458.6	0	463.3	461.2	463.6	0	32.8	31.8	0	0	0	0	86.9	0.044	-1.33	94.2	5.8	4.0	0.9	1.0	13.7
1747	459.0	0	459.8	454.1	458.8	0	36.4	32.5	0	0	0	0	172.7	0.044	-14.73	99.5	0.5	3.1	0.8	0.8	1.1
1748	467.9	0	471.2	467.2	465.9	0	31.6	32.0	0	0	0	0	173.8	0.044	-14.06	99.4	0.6	3.2	0.7	0.9	1.2
1749	477.0	0	480.9	478.0	476.5	0	32.9	32.1	0	0	0	0	173.5	0.044	-13.10	99.3	0.7	3.2	0.8	0.8	1.1
1750	492.7	0	484.4	484.2	484.9	0	29.9	32.1	0	0	0	0	172.9	0.044	-12.53	99.1	0.9	3.2	0.6	0.9	1.1
1751	491.1	0	493.2	488.7	488.0	0	32.1	32.6	0	0	0	0	173.1	0.044	-12.02	100.9	-0.9	3.4	0.7	0.8	0.8
1752	499.6	0	501.5	497.1	499.0	0	34.3	30.5	0	0	0	0	173.4	0.044	-11.10	99.3	0.7	3.1	0.7	0.8	1.1
1753	508.0	0	506.3	503.6	506.7	0	32.6	32.1	0	0	0	0	173.6	0.044	-10.52	98.9	1.1	3.5	0.7	0.8	1.0
1754	516.4	0	518.2	514.8	516.9	0	34.2	32.3	0	0	0	0	175.0	0.044	-9.72	99.6	0.4	3.1	0.7	0.9	1.7
1755	527.9	0	524.5	522.1	523.9	0	36.3	33.2	0	0	0	0	173.0	0.044	-9.05	100.3	-0.3	3.3	0.8	0.9	1.6
1756	540.1	0	536.8	535.4	541.3	0	35.0	31.4	0	0	0	0	175.2	0.044	-7.69	98.3	1.7	2.4	0.7	1.0	1.4
1757	550.6	0	547.8	548.0	547.1	0	32.0	32.1	0	0	0	0	173.2	0.044	-7.02	100.4	-0.4	3.2	0.9	0.6	1.8
1758	554.9	0	555.1	554.5	555.1	0	31.4	31.8	0	0	0	0	174.5	0.044	-6.09	99.3	0.7	3.3	0.8	1.0	3.1
1759	558.2	0	557.8	551.6	559.6	0	33.0	32.2	0	0	0	0	173.9	0.044	-5.57	99.3	0.7	3.3	0.7	0.8	1.8
1760	568.5	0	566.5	566.6	569.3	0	33.7	31.6	0	0	0	0	173.0	0.044	-4.13	99.5	0.5	3.3	0.6	0.6	4.2
1761	573.0	0	572.4	570.4	573.8	0	34.1	31.8	0	0	0	0	172.8	0.044	-3.34	99.1	0.9	3.5	0.9	2.0	5.5
1762	544.5	0	545.1	531.1	548.1	0	33.0	32.2	0	0	0	0	216.3	0.044	-12.06	100.2	-0.2	2.9	0.6	0.9	1.2

SRL Single Tube Flow Instability Test # 9.0
Inconel Tube ID = 0.359"

78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	
RUN	SDPT2	SRT11	BL	BL	DPL	HL	DATE	TEST#	PTO2	DT3	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	
	SFT11	BL	BL	VTL	ID	TIME	RUN#																
1713	11.0	1.1	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.13	1722.54	9	1713	49.9	8.7	0	0	0	0	0	0	0
1714	6.2	1.0	0.3	0	0	0	100.5	95.5	96.0	0.359	8910.13	1746.07	9	1714	50.5	12.5	0	0	0	0	0	0	0
1715	1.2	0.2	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.20	1423.34	9	1715	49.8	0.0	0	0	0	0	0	0	0
1716	1.1	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.20	1436.32	9	1716	49.9	0.0	0	0	0	0	0	0	0
1717	0.9	0.3	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.20	1438.39	9	1717	49.8	0.0	0	0	0	0	0	0	0
1718	1.1	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.20	1440.49	9	1718	49.9	0.0	0	0	0	0	0	0	0
1719	1.2	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.20	1442.49	9	1719	50.1	0.0	0	0	0	0	0	0	0
1720	1.3	0.4	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.20	1444.55	9	1720	50.2	0.0	0	0	0	0	0	0	0
1721	1.6	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.20	1446.47	9	1721	50.1	47.4	0	0	0	0	0	0	0
1722	1.8	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.20	1449.11	9	1722	49.9	37.5	0	0	0	0	0	0	0
1723	1.6	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.20	1451.07	9	1723	50.1	31.1	0	0	0	0	0	0	0
1724	3.0	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.20	1458.59	9	1724	50.0	26.0	0	0	0	0	0	0	0
1725	2.6	0.6	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.20	1506.30	9	1725	50.1	22.2	0	0	0	0	0	0	0
1726	3.2	0.6	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.20	1513.12	9	1726	49.9	18.1	0	0	0	0	0	0	0
1727	3.2	0.8	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.20	1523.15	9	1727	50.0	15.6	0	0	0	0	0	0	0
1728	4.3	0.9	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.20	1627.18	9	1728	50.1	12.2	0	0	0	0	0	0	0
1729	0.6	0.2	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.24	1507.59	9	1729	50.0	0.0	0	0	0	0	0	0	0
1730	1.0	0.2	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.24	1514.09	9	1730	50.1	0.0	0	0	0	0	0	0	0
1731	1.3	0.5	0.3	0	0	0	100.5	95.5	96.0	0.359	8910.24	1516.35	9	1731	50.0	0.0	0	0	0	0	0	0	0
1732	1.4	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.24	1526.57	9	1732	50.0	52.7	0	0	0	0	0	0	0
1733	2.0	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.24	1532.09	9	1733	50.1	41.0	0	0	0	0	0	0	0
1734	2.0	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.24	1534.37	9	1734	50.2	32.9	0	0	0	0	0	0	0
1735	3.3	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.24	1540.07	9	1735	49.9	26.8	0	0	0	0	0	0	0
1736	2.3	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.24	1542.51	9	1736	50.2	22.0	0	0	0	0	0	0	0
1737	4.2	0.7	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.24	1545.42	9	1737	49.9	18.1	0	0	0	0	0	0	0
1738	2.1	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.25	1444.38	9	1738	49.9	33.2	0	0	0	0	0	0	0
1739	2.4	0.5	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.25	1448.25	9	1739	50.0	21.2	0	0	0	0	0	0	0
1740	30.3	0.7	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.25	1451.06	9	1740	50.1	17.6	0	0	0	0	0	0	0
1741	10.6	0.7	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.25	1534.51	9	1741	50.4	15.6	0	0	0	0	0	0	0
1742	10.6	0.7	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.25	1537.18	9	1742	50.4	15.9	0	0	0	0	0	0	0
1743	11.1	0.7	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.25	1550.49	9	1743	50.6	17.3	0	0	0	0	0	0	0
1744	6.7	0.9	0.3	0	0	0	100.5	95.5	96.0	0.359	8910.25	1557.50	9	1744	50.1	0.0	0	0	0	0	0	0	0
1745	4.2	0.7	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.25	1637.12	9	1745	50.0	13.5	0	0	0	0	0	0	0
1746	9.2	0.9	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.25	1708.49	9	1746	50.4	10.8	0	0	0	0	0	0	0
1747	1.1	0.2	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1552.37	9	1747	50.0	0.0	0	0	0	0	0	0	0
1748	1.2	0.2	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.26	1555.20	9	1748	50.0	0.0	0	0	0	0	0	0	0
1749	1.0	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1557.42	9	1749	50.0	0.0	0	0	0	0	0	0	0
1750	1.1	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1559.56	9	1750	50.0	0.0	0	0	0	0	0	0	0
1751	0.8	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1601.44	9	1751	50.0	0.0	0	0	0	0	0	0	0
1752	1.2	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1603.31	9	1752	50.3	0.0	0	0	0	0	0	0	0
1753	1.4	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1605.34	9	1753	50.1	0.0	0	0	0	0	0	0	0
1754	2.0	0.4	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.26	1608.14	9	1754	50.1	0.0	0	0	0	0	0	0	0
1755	1.6	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1610.33	9	1755	50.0	0.0	0	0	0	0	0	0	0
1756	1.8	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1614.02	9	1756	50.2	44.3	0	0	0	0	0	0	0
1757	1.8	0.4	0.3	0	0	0	100.5	95.5	96.0	0.359	8910.26	1617.49	9	1757	50.0	0.0	0	0	0	0	0	0	0
1758	3.1	0.5	0.3	0	0	0	100.5	95.5	96.0	0.359	8910.26	1620.07	9	1758	49.9	0.0	0	0	0	0	0	0	0
1759	2.5	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1622.40	9	1759	50.3	0.0	0	0	0	0	0	0	0
1760	4.1	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1630.24	9	1760	50.0	0.0	0	0	0	0	0	0	0
1761	4.7	0.6	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1633.48	9	1761	50.3	0.0	0	0	0	0	0	0	0
1762	1.0	0.3	0.3	0	0	0	100.5	95.5	96.0	0.359	8910.26	1720.09	9	1762	50.1	0.0	0	0	0	0	0	0	0

SRL Single Tube Flow Instability Test # 9.0
Inconel Tube ID = 0.359"

RUN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	HFLX		VOLTT		CURRT2		PTI2		PTO3		PBO1		PL2		PXI1		PPI1		
	PWR1	VOLTB	CURRT1	PTI1	PTO1	PBI1	PL1	PD1	PXI1	PXO1	PPO1								
1763	217.7	0.993	98.3	98.0	2220	2204	97.9	115.5	50.1	52.0	115.2	52.3	113.6	54.7	48.8	51.9	48.9	0.5	0.3
1764	217.3	0.991	98.3	97.9	2218	2207	94.1	110.2	50.1	51.7	109.9	52.1	106.3	54.2	48.8	51.6	48.9	0.4	0.3
1765	217.5	0.993	98.4	98.1	2217	2197	90.2	104.5	50.1	51.4	104.7	51.8	103.0	54.2	48.7	51.3	48.8	0.5	0.3
1766	217.6	0.993	98.5	98.1	2218	2203	86.8	100.2	49.9	51.1	100.0	51.5	98.5	53.4	48.7	51.0	48.8	0.4	0.2
1767	218.2	0.996	98.6	98.2	2222	2208	82.9	95.1	50.1	50.9	94.7	51.3	93.6	53.1	48.7	50.9	48.8	0.5	0.2
1768	217.5	0.992	98.5	98.0	2218	2203	79.9	91.0	50.2	50.8	90.5	51.2	90.1	53.6	48.8	50.8	48.9	0.4	0.2
1769	217.8	0.994	98.8	98.2	2219	2203	78.1	88.3	50.2	50.7	88.0	51.0	86.9	52.9	48.8	50.6	48.9	0.5	0.2
1770	217.2	0.991	98.6	98.1	2213	2201	76.2	85.7	50.4	50.7	85.4	51.1	84.5	52.9	49.0	50.7	49.1	0.4	0.2
1771	217.5	0.992	98.4	98.2	2215	2200	74.6	83.5	50.3	50.6	83.2	51.0	82.2	53.1	49.0	50.6	49.1	0.5	0.2
1772	218.3	0.996	98.8	98.3	2220	2204	72.5	80.7	50.3	50.3	80.4	50.7	79.6	52.7	48.9	50.3	48.9	0.5	0.2
1773	217.3	0.991	98.6	98.1	2216	2200	70.5	77.9	50.1	50.1	77.5	50.5	77.0	52.5	48.8	50.2	48.9	0.5	0.3
1774	217.0	0.990	98.8	98.1	2212	2199	68.8	75.7	50.4	50.2	75.3	50.7	74.6	52.4	49.0	50.2	49.1	0.5	0.2
1775	217.6	0.993	98.7	98.2	2217	2200	67.0	74.7	50.2	49.8	72.9	50.2	72.2	52.0	48.7	49.9	48.7	0.6	0.2
1776	217.1	0.991	98.9	98.3	2209	2204	65.9	71.6	50.0	49.4	71.2	49.7	70.7	51.8	48.3	49.5	48.4	0.5	0.2
1777	217.1	0.991	98.5	98.2	2211	2200	69.8	77.5	50.6	50.8	77.1	51.2	76.6	52.8	49.3	50.2	49.3	0.2	0.0
1778	218.0	0.995	98.6	98.6	2212	2198	67.1	72.0	50.9	50.2	72.2	51.2	71.8	52.7	49.7	50.5	49.7	0.5	0.1
1779	221.0	1.008	99.5	99.2	2228	2210	69.0	74.6	49.4	51.6	74.1	52.5	73.5	54.3	51.0	51.8	51.1	0.4	0.1
1780	220.4	1.006	99.4	99.0	2227	2212	70.3	75.6	49.3	52.9	75.3	53.8	75.1	55.6	52.7	53.1	52.8	0.4	0.1
1781	220.4	1.006	99.3	99.0	2227	2210	72.1	77.1	50.1	54.2	76.8	55.1	76.4	56.8	53.9	54.5	53.9	0.4	0.1
1782	220.0	1.004	99.3	98.9	2225	2210	74.9	79.5	50.9	54.8	79.2	55.8	78.7	57.5	54.5	55.1	54.6	0.3	0.1
1783	176.6	0.806	88.5	88.3	2001	1984	102.7	121.8	49.9	52.4	121.4	53.0	119.4	54.7	48.9	52.0	49.0	0.4	0.3
1784	175.8	0.802	88.3	88.0	1996	1979	97.9	115.2	50.4	52.5	114.8	53.1	112.8	54.9	49.4	52.2	49.6	0.5	0.3
1785	175.2	0.799	88.4	87.9	1993	1977	93.3	108.9	50.0	51.6	108.7	52.5	107.0	53.7	49.1	51.8	49.3	0.5	0.3
1786	175.0	0.798	88.2	87.9	1990	1973	87.9	101.8	49.7	50.8	101.4	51.9	100.0	54.1	48.8	51.1	48.7	0.5	0.2
1787	176.0	0.803	88.5	88.2	1996	1981	82.4	94.3	50.1	50.8	94.0	51.9	93.1	53.5	49.2	51.0	49.2	0.5	0.2
1788	175.7	0.802	88.5	88.1	1993	1980	76.3	85.8	50.0	50.2	85.6	51.2	84.8	53.0	48.8	50.4	48.9	0.4	0.1
1789	175.3	0.800	88.4	88.1	1989	1977	72.4	80.5	50.2	50.2	80.5	51.1	79.7	52.8	49.1	50.2	49.3	0.4	0.1
1790	176.4	0.805	88.3	88.4	1996	1982	71.7	79.6	50.4	50.2	79.2	51.2	79.2	52.6	49.2	50.2	49.4	0.5	0.2
1791	175.6	0.801	88.6	88.1	1994	1975	69.3	77.0	50.1	49.8	76.2	50.8	75.9	52.4	48.9	49.9	49.1	0.4	0.2
1792	174.5	0.796	88.8	87.4	1997	1980	67.0	73.4	50.4	49.8	73.0	50.8	72.7	52.4	49.1	49.9	49.3	0.4	0.2
1793	175.9	0.803	88.7	88.2	1994	1979	66.0	71.8	49.6	49.1	71.6	50.2	71.2	51.7	48.5	49.3	48.7	0.4	0.1
1794	176.4	0.805	88.7	88.4	1996	1980	66.8	72.1	49.9	49.9	72.0	51.0	71.4	52.2	49.4	50.2	49.6	0.4	0.2
1795	176.5	0.805	88.7	88.4	1996	1978	68.3	73.4	49.5	51.4	73.1	52.4	72.7	54.0	51.1	51.7	51.3	0.5	0.2
1796	176.1	0.804	88.6	88.4	1993	1980	69.7	74.8	50.0	52.7	74.5	53.7	74.1	55.3	52.3	53.1	52.5	0.5	0.2
1797	175.0	0.799	88.4	88.0	1989	1969	71.4	76.0	49.8	53.1	75.8	54.1	75.3	55.7	52.8	53.5	52.8	0.5	0.2
1798	176.3	0.804	88.6	88.3	1997	1982	63.2	68.4	49.9	48.5	68.4	49.9	68.5	51.5	48.5	49.1	48.6	0.3	-12.8
1799	174.5	0.796	88.2	87.9	1985	1972	60.8	65.1	50.3	48.7	65.0	50.0	65.2	51.7	48.9	49.3	49.0	0.3	-12.8
1800	174.6	0.796	88.3	87.9	1987	1972	59.5	63.0	50.2	48.3	62.9	49.4	63.1	51.3	48.5	48.8	48.6	0.3	-12.8
1801	173.8	0.793	88.1	87.8	1980	1967	59.7	62.7	50.0	48.6	62.7	49.7	63.0	51.3	48.7	49.1	49.1	0.3	-12.7
1802	175.8	0.802	88.5	88.3	1992	1976	62.0	65.2	50.1	50.3	65.0	51.4	65.2	53.4	50.7	51.1	50.8	0.4	-12.7
1803	175.2	0.800	88.3	87.8	1996	1982	74.6	95.0	20.0	23.2	94.4	23.8	93.6	24.6	19.0	22.0	18.9	0.3	-12.7
1804	175.0	0.799	88.2	87.7	1995	1982	62.4	77.8	20.0	22.6	77.5	23.1	77.7	23.9	19.1	21.4	18.9	0.4	-12.7
1805	175.3	0.800	88.3	88.0	1992	1980	51.9	63.7	20.0	21.7	63.5	22.2	63.8	23.0	19.0	20.7	18.9	0.3	-12.8
1806	174.1	0.794	87.8	87.7	1985	1972	45.5	54.9	20.2	21.5	54.8	22.0	55.3	22.8	19.1	20.3	19.0	0.3	-12.8
1807	175.4	0.800	88.1	87.9	1996	1984	40.0	47.4	20.1	21.0	47.3	21.4	48.1	22.3	19.0	19.9	18.9	0.3	-12.8
1808	174.4	0.796	88.3	87.6	1991	1979	35.5	41.0	20.3	20.3	41.2	20.8	42.2	22.0	18.6	19.1	18.4	0.4	-12.8
1809	175.7	0.802	88.4	88.2	1993	1975	36.1	41.1	20.5	21.5	40.9	22.2	41.8	22.8	20.1	20.7	20.0	0.3	-12.8
1810	175.8	0.802	88.5	88.0	1997	1982	34.6	39.9	19.9	19.8	39.9	20.2	40.9	21.1	18.1	18.6	18.0	0.3	-12.9
1811	174.9	0.796	88.4	88.0	1988	1979	38.2	42.6	20.5	23.9	42.8	24.2	43.8	25.1	22.5	23.0	22.4	0.3	-12.9
1812	174.8	0.796	89.0	86.9	2011	1996	74.9	94.6	20.1	23.0	94.3	23.6	93.6	24.1	18.8	19.7	18.5	0.2	-0.1

SRL Single Tube Flow Instability Test # 9.0
Inconel Tube ID = 0.359"

RUN	20 PA1	21 DT1	22 DT2	23 DP1	24 DLV1	25 OLI1	26 FLI1	27 FTI1	28 FBI1	29 FXI1	30 FXI2	31 FS1	32 TRT11	33 TRT12	34 TRTO1	35 TRTO2	36 JXI1	37 JXO1
1763	48.6	50.63	51.50	-0.1	-0.4	11.01	13.04	12.77	0.00	13.06	13.15	4.4	77.5	77.2	194.0	194.8	190.6	71.4
1764	48.5	48.84	47.79	0.1	-0.6	9.13	12.52	12.27	0.00	11.86	12.65	3.7	76.5	76.2	197.5	198.5	192.5	75.1
1765	48.5	43.02	43.77	0.0	-0.5	9.37	11.98	11.73	0.00	11.20	12.17	2.0	76.0	75.9	202.5	203.4	198.3	75.0
1766	48.4	39.66	40.44	0.0	-0.1	9.21	11.50	11.27	0.00	10.66	11.67	0.3	76.0	76.0	207.5	208.7	201.2	76.1
1767	48.4	35.67	36.46	0.0	-0.4	7.69	10.89	10.66	0.00	10.07	11.11	1.5	76.5	76.4	215.5	217.1	207.0	77.5
1768	48.6	32.85	33.64	0.0	-1.1	5.90	10.41	10.24	0.00	9.63	10.70	0.2	77.0	76.8	222.0	223.1	214.0	77.2
1769	48.6	30.75	31.33	-0.1	-0.3	7.59	10.22	9.86	0.00	9.35	10.31	2.5	77.0	77.0	227.5	228.9	219.3	76.6
1770	48.7	28.81	29.36	0.0	-0.3	4.92	9.69	9.53	0.00	8.89	9.95	0.4	77.0	77.0	232.4	233.3	224.4	77.4
1771	48.7	27.04	27.61	-0.1	-0.1	4.77	9.43	9.22	0.00	8.57	9.68	0.0	77.0	76.9	237.5	238.7	229.6	77.1
1772	48.6	25.21	25.71	-0.1	-0.2	6.63	9.06	8.88	0.00	8.26	9.32	0.6	77.0	76.8	244.0	245.1	234.7	74.5
1773	48.5	23.19	23.73	-0.1	-0.2	0.78	8.59	8.49	0.00	7.77	8.98	0.4	76.5	76.5	250.5	252.0	239.7	74.0
1774	48.7	21.35	21.83	-0.1	0.1	6.39	8.20	8.14	0.00	7.72	8.65	0.5	76.0	76.1	258.0	259.4	246.2	73.0
1775	48.4	19.31	19.88	-0.1	0.1	2.46	7.74	7.73	0.00	7.27	8.29	0.3	76.0	75.6	267.0	268.4	261.7	71.2
1776	48.0	18.74	19.14	0.0	-0.1	3.01	7.35	7.38	0.00	6.80	8.00	1.5	76.4	76.1	277.2	278.6	263.8	72.3
1777	49.0	22.42	22.92	-0.2	-0.4	0.78	8.47	8.40	0.00	7.88	8.90	0.1	77.0	76.9	253.0	254.2	225.2	73.8
1778	49.3	18.99	19.40	-0.2	-0.2	0.78	7.92	7.12	0.00	7.78	7.75	2.9	76.5	76.2	284.0	285.3	276.9	107.5
1779	50.7	22.46	22.82	-0.1	-0.4	0.78	7.50	7.10	0.00	7.70	7.83	2.0	77.0	76.8	287.9	289.2	283.7	67.1
1780	52.3	24.38	24.26	-0.2	-0.2	0.78	8.02	6.98	0.00	2.59	6.28	2.1	76.2	76.1	290.4	291.5	281.5	70.8
1781	53.5	25.38	25.34	-0.2	-0.4	0.78	8.26	6.92	0.00	7.20	7.38	3.7	77.0	77.0	293.5	294.7	285.0	71.6
1782	54.2	26.95	27.04	-0.1	-0.3	0.78	7.51	6.72	0.00	7.28	7.38	6.1	76.5	76.3	298.5	300.0	289.0	71.7
1783	48.5	55.62	56.63	-0.1	-0.5	7.21	13.65	13.42	0.00	13.04	13.88	0.5	121.0	121.0	211.5	212.0	207.1	184.7
1784	49.1	50.55	51.29	-0.2	-0.6	6.42	12.97	12.77	0.00	12.17	13.16	1.7	121.0	121.1	216.0	217.0	212.8	89.2
1785	48.8	46.22	47.05	-0.1	-0.7	6.99	12.40	12.20	0.00	11.61	12.58	0.0	121.2	120.9	219.8	220.5	214.6	89.6
1786	48.5	41.05	41.79	-0.1	-0.6	4.95	11.65	11.48	0.00	11.22	11.88	0.0	121.5	121.0	226.0	227.0	222.2	88.0
1787	48.8	35.23	35.90	0.0	-0.5	3.50	10.69	10.61	0.00	9.82	10.96	0.2	121.3	120.8	235.5	236.4	229.6	155.5
1788	48.5	29.40	29.88	-0.1	-0.7	2.14	9.57	9.63	0.00	9.00	10.39	0.0	121.5	121.3	247.0	248.4	236.8	84.3
1789	48.8	25.43	26.01	-0.1	-0.2	0.78	8.70	8.94	0.00	7.99	9.36	0.0	122.5	122.1	254.8	256.1	239.7	107.8
1790	48.8	24.45	24.95	-0.1	-0.2	0.78	8.49	8.75	0.00	7.83	9.16	0.0	121.0	120.7	258.6	260.0	248.9	91.5
1791	48.6	22.46	22.81	-0.1	-0.5	0.78	7.93	8.33	0.00	8.82	8.84	0.0	121.5	121.1	265.5	266.9	255.0	89.0
1792	48.8	19.96	20.25	-0.1	-0.3	0.78	7.28	7.80	0.00	6.99	8.26	-0.1	121.8	121.6	275.5	277.2	261.0	133.5
1793	48.2	19.75	19.94	-0.1	-0.2	0.78	6.80	7.45	0.00	9.26	8.05	0.0	122.9	122.5	283.5	284.6	270.2	89.8
1794	49.1	19.82	20.00	-0.2	-0.1	0.78	6.64	7.28	0.00	7.77	7.91	0.0	121.1	121.1	285.7	287.1	269.4	179.4
1795	50.8	21.81	21.87	-0.1	-0.2	0.78	6.42	7.12	0.00	6.64	7.45	0.0	121.0	120.9	289.5	291.1	278.9	82.6
1796	52.0	23.01	23.07	-0.2	-0.3	0.78	6.22	7.01	0.00	6.66	7.63	0.4	121.7	121.4	292.5	293.3	283.6	79.0
1797	52.5	24.74	24.87	-0.1	-0.2	0.78	5.90	6.78	0.00	6.50	7.46	0.4	121.5	121.4	297.0	297.9	280.6	74.3
1798	48.2	16.46	16.83	0.1	-0.2	4.61	7.09	7.09	0.00	5.66	7.48	0.0	77.0	76.8	246.1	247.4	243.3	56.4
1799	48.6	13.70	13.99	0.0	-0.2	3.26	6.21	6.41	0.00	5.10	6.93	0.0	77.0	76.6	261.5	262.5	251.9	78.6
1800	48.2	12.32	12.57	0.0	-0.3	1.74	5.80	5.98	0.00	4.77	6.48	0.7	77.5	77.4	275.5	276.6	258.8	138.9
1801	48.5	12.85	12.95	0.0	-0.2	0.78	5.20	5.65	0.00	3.95	6.23	0.0	76.3	76.1	264.5	265.5	268.1	67.1
1802	50.4	15.15	15.22	0.1	-0.2	0.78	5.07	5.57	0.00	4.50	6.15	0.1	76.5	76.1	290.2	291.5	279.5	55.0
1803	18.7	57.68	58.62	0.1	-0.1	10.66	13.96	13.64	0.00	13.01	13.82	0.0	77.7	77.6	166.0	166.5	165.8	71.6
1804	18.7	45.22	45.96	0.1	0.0	9.29	12.32	12.04	0.00	11.36	12.35	0.5	76.7	76.6	176.5	177.1	173.9	69.3
1805	18.6	34.98	35.57	0.0	-0.1	6.63	10.79	10.54	0.00	9.69	10.88	0.0	76.5	76.1	189.5	190.5	187.8	89.7
1806	18.7	28.45	28.93	0.0	-0.1	5.77	9.69	9.49	0.00	8.63	9.84	0.0	77.6	77.6	203.1	204.2	201.3	67.1
1807	18.6	22.99	23.47	0.1	-0.1	4.44	8.67	8.51	0.00	7.64	8.90	0.2	76.0	76.1	217.3	218.7	209.8	136.5
1808	18.2	16.41	16.80	0.0	-0.1	1.23	7.53	7.56	0.00	6.42	8.02	0.0	77.5	77.1	235.3	236.2	229.0	71.6
1809	19.7	18.69	18.81	0.0	0.0	0.78	6.80	6.98	0.00	5.70	7.41	0.2	76.3	76.1	247.5	248.7	242.3	74.0
1810	17.6	17.84	18.23	0.0	0.0	2.13	7.18	7.29	0.00	5.81	7.65	0.0	76.0	76.0	241.0	242.2	238.4	74.7
1811	22.1	20.85	20.97	0.0	0.1	0.78	6.56	6.79	0.00	4.85	7.22	0.0	76.7	76.6	252.0	253.2	241.5	75.0
1812	18.5	57.72	58.88	0.0	-0.2	11.20	13.82	13.60	0.00	13.33	14.02	0.5	121.5	121.1	211.5	212.8	208.7	128.0

SRL Single Tube Flow Instability Test # 9.0
Inconel Tube ID = 0.359"

	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
RUN	PTO2	TEW95W		TEW72N		TEW48W		TEW24N		TEW13W		TEW10N		TEW07W		TEW04N		TEW01W	
		DT3	TEW95E	TEW72S	TEW48E	TEW24S	TEW13E	TEW10S	TEW07E	TEW04S									
1763	50.1	0.00	467.6	443.4	477.8	481.9	491.0	487.4	526.1	515.0	536.3	515.3	542.7	525.1	524.8	548.9	541.2	537.6	532.2
1764	50.1	0.00	470.7	445.4	478.1	483.3	494.6	490.8	529.7	519.0	539.7	518.7	546.9	528.5	527.0	553.1	545.2	540.2	536.6
1765	50.1	0.00	474.2	449.3	482.9	486.9	500.4	494.0	535.4	525.3	546.3	525.5	553.1	535.7	533.3	559.6	552.4	547.3	543.5
1766	49.9	0.00	476.9	451.3	484.1	490.5	504.0	497.6	540.2	529.4	551.3	530.4	558.4	540.7	539.2	564.6	557.7	552.1	549.1
1767	50.1	0.00	482.4	456.9	492.6	497.0	511.4	506.5	549.3	538.8	560.9	539.9	569.1	550.7	549.2	575.6	568.1	562.2	560.4
1768	50.2	0.00	485.7	460.9	496.6	502.1	517.1	511.0	556.1	545.4	568.1	547.4	576.6	558.7	556.5	582.6	576.3	570.4	568.3
1769	50.2	0.00	489.6	464.0	500.5	505.5	522.5	516.2	562.2	551.6	574.7	554.0	583.3	564.9	563.6	589.4	583.1	576.8	575.2
1770	50.4	0.00	491.6	465.6	503.8	508.6	525.8	519.4	566.0	554.7	578.6	557.8	587.8	569.2	567.5	593.3	587.5	582.2	579.9
1771	50.3	0.00	495.0	469.2	506.9	511.9	531.0	523.5	572.2	561.3	585.5	564.6	594.2	576.0	575.1	599.6	594.5	588.2	586.9
1772	50.3	0.00	498.4	472.7	512.9	516.9	535.8	529.7	578.1	567.3	591.4	570.8	601.4	583.1	581.2	605.5	599.7	595.7	592.7
1773	50.1	0.00	502.1	475.8	516.7	520.9	541.1	534.9	584.9	573.7	597.8	577.7	606.7	590.0	586.4	610.2	603.7	608.9	597.6
1774	50.4	0.00	506.9	480.4	521.9	526.1	547.8	541.6	593.5	582.1	602.6	586.2	610.2	595.4	592.6	615.3	611.1	607.5	605.6
1775	50.2	0.00	513.5	487.2	528.2	533.7	558.1	550.0	598.9	590.1	610.5	591.9	618.1	603.9	602.1	624.0	619.8	608.7	614.2
1776	50.0	0.00	518.9	491.7	535.9	539.9	564.8	558.8	606.4	597.0	618.5	601.1	626.9	613.6	608.8	630.6	624.4	626.7	617.0
1777	50.6	22.43	500.4	474.4	514.4	518.0	533.3	533.0	583.4	571.1	596.2	576.7	605.3	588.5	587.4	611.1	604.9	599.2	599.9
1778	50.8	0.00	520.6	494.2	536.0	541.3	565.3	559.3	609.0	598.8	621.7	603.6	628.1	615.8	609.8	630.5	622.0	621.2	610.7
1779	49.4	0.00	527.1	501.4	544.0	549.2	573.8	567.0	616.4	606.6	628.6	610.7	634.3	622.1	615.8	635.3	626.3	625.1	613.2
1780	49.3	0.00	529.6	502.9	545.8	550.9	575.5	568.9	618.3	608.5	630.3	612.7	635.6	624.1	616.0	636.1	625.5	626.2	612.0
1781	50.1	0.00	531.2	504.4	548.5	553.2	577.8	571.1	621.0	611.1	632.2	615.1	637.9	626.1	619.3	637.9	627.5	624.4	613.9
1782	50.9	0.00	534.0	506.9	551.2	555.5	580.8	574.1	624.2	613.8	634.7	617.7	639.9	628.4	620.4	639.6	627.9	625.9	613.6
1783	49.9	0.00	424.2	403.9	435.3	438.4	447.5	445.2	476.8	468.2	485.4	468.6	493.1	478.0	477.0	498.2	491.3	488.6	485.2
1784	50.4	0.00	429.3	409.1	439.7	444.5	454.1	450.5	483.4	475.3	493.1	475.5	499.3	484.3	483.8	504.9	498.6	491.6	491.8
1785	50.0	0.00	430.5	410.5	441.2	446.1	456.3	452.9	489.6	478.6	496.6	479.2	502.9	487.9	487.4	508.6	502.5	498.1	495.6
1786	49.7	0.00	434.7	414.6	446.6	451.5	463.4	458.4	493.4	486.1	504.6	486.7	511.0	496.1	495.7	516.9	511.3	505.8	504.6
1787	50.1	0.00	439.8	419.4	455.3	458.1	471.4	467.8	504.6	496.3	516.1	498.1	523.7	508.5	507.5	529.4	523.3	518.5	517.2
1788	50.0	0.00	446.3	425.1	462.6	472.6	480.4	476.8	517.6	507.9	528.7	510.8	536.5	521.2	521.1	542.7	537.2	532.3	531.0
1789	50.2	0.00	446.9	426.0	464.4	469.2	482.7	480.2	520.7	510.6	531.5	514.8	541.8	526.8	524.6	547.3	540.6	537.6	536.7
1790	50.4	0.00	451.9	431.0	469.9	475.2	490.1	486.6	528.1	519.7	541.7	523.3	549.4	534.4	533.8	554.8	549.6	551.0	543.4
1791	50.1	0.00	454.8	433.7	474.9	476.5	495.8	493.1	532.5	525.7	548.0	530.5	556.5	542.2	540.7	560.6	555.5	552.4	549.2
1792	50.4	0.00	459.1	438.1	479.6	483.5	502.4	500.7	542.5	534.4	555.8	540.0	565.2	552.4	549.4	569.4	564.2	561.8	558.6
1793	49.6	0.00	464.3	442.9	491.0	492.0	510.7	507.2	551.2	543.7	564.4	548.5	572.2	559.7	557.5	576.4	571.3	570.1	559.9
1794	49.9	0.00	463.7	442.8	490.7	490.3	510.0	508.4	553.1	543.1	564.1	548.7	573.6	561.1	557.4	577.3	571.6	570.6	559.3
1795	49.5	0.00	467.7	446.6	492.2	495.2	516.8	513.4	557.5	549.6	570.8	554.8	577.8	566.3	562.1	581.2	574.3	572.3	559.6
1796	50.0	0.00	469.0	448.4	494.1	495.8	519.2	515.1	559.9	550.8	573.4	557.2	579.6	568.7	563.7	582.5	574.9	573.2	559.9
1797	49.8	0.00	469.1	448.5	493.7	495.9	518.4	516.8	561.3	552.7	574.1	559.2	581.3	571.1	565.3	583.0	573.4	571.6	557.9
1798	49.9	16.53	448.8	427.3	465.3	468.4	486.3	483.1	527.6	520.6	545.1	526.1	551.3	537.3	536.5	556.3	551.8	547.8	543.8
1799	50.3	0.00	455.1	435.7	474.0	475.3	495.8	491.9	540.1	531.2	553.6	537.4	561.1	548.3	545.3	565.1	561.2	560.0	552.5
1800	50.2	0.00	463.1	441.3	482.6	484.5	503.8	503.4	550.9	542.0	563.4	548.6	570.6	560.8	556.0	575.5	570.0	570.0	566.3
1801	50.0	0.00	468.0	448.9	486.8	492.0	513.5	510.2	558.7	548.9	570.6	556.4	576.1	567.8	561.8	579.3	571.1	571.9	561.1
1802	50.1	0.00	475.1	454.4	494.0	498.3	521.6	517.3	564.8	556.0	577.9	562.6	581.1	573.4	566.4	583.7	574.3	574.4	562.6
1803	50.0	0.00	401.5	382.4	406.6	412.3	421.0	414.5	445.0	438.0	454.8	436.8	460.3	445.3	445.1	465.8	459.7	453.9	452.6
1804	20.0	20.53	407.5	387.8	414.3	417.0	429.1	423.5	455.8	448.5	467.1	448.6	473.0	457.8	456.8	478.5	472.7	467.1	465.3
1805	20.0	0.00	414.8	395.8	423.4	428.1	440.0	434.8	470.7	462.1	481.7	463.2	488.1	473.0	472.6	494.5	488.3	471.4	482.0
1806	20.2	0.00	421.6	401.8	432.1	436.6	450.8	444.1	483.4	474.8	495.5	477.3	502.9	487.6	487.5	509.5	503.7	494.9	497.5
1807	20.1	0.00	430.9	410.1	443.6	447.4	462.3	457.7	500.9	491.0	513.2	495.0	521.6	506.0	506.0	528.0	522.8	518.4	516.7
1808	20.3	0.00	441.5	420.1	455.2	459.5	477.8	472.3	518.3	509.3	532.5	514.8	537.9	525.2	524.3	542.9	539.5	536.4	532.6
1809	20.5	0.00	449.8	427.2	465.4	468.8	489.7	484.2	532.9	522.3	543.0	526.8	548.0	536.8	533.7	552.6	547.6	545.4	532.9
1810	19.9	0.00	447.3	425.2	461.8	466.7	486.7	481.2	531.6	517.3	536.9	520.5	542.0	530.5	528.7	547.3	542.7	540.0	531.9
1811	20.5	0.00	451.0	429.1	467.5	470.9	492.6	488.5	536.9	524.5	545.0	529.1	550.3	540.1	537.2	555.0	549.2	547.9	533.2
1812	20.1	0.00	428.3	406.8	438.8	443.0	449.7	449.7	481.3	472.6	492.5	473.2	497.4	480.9	480.5	503.2	495.9	490.8	488.4

SRL Single Tube Flow Instability Test # 9.0
Inconel Tube ID = 0.359"

	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	
RUN	BL	TKW04E	BL	TJREF	BL	BL	BL	RTS	HRATIO	SVOLT	SPT01	TEW01E	TKW07W	TKW01S	TEREF	BL	BL	PWR2	QUALITY	HLOSS	SCURR	SDPT1
1763	550.9	0	547.3	535.0	550.8	0	33.5	32.0	0	0	0	0	216.0	0.044	-11.50	99.6	0.4	2.9	0.8	0.9	1.2	
1764	555.6	0	552.4	539.4	555.4	0	33.9	32.3	0	0	0	0	216.1	0.044	-11.09	99.5	0.5	2.8	0.6	0.9	1.3	
1765	562.5	0	558.5	543.8	561.3	0	32.5	31.5	0	0	0	0	215.6	0.044	-10.53	99.4	0.6	3.1	0.6	0.9	1.3	
1766	567.4	0	565.7	550.4	570.5	0	32.8	31.6	0	0	0	0	216.1	0.044	-9.92	99.2	0.8	3.6	0.6	1.0	1.6	
1767	578.2	0	575.2	560.0	579.8	0	33.0	31.6	0	0	0	0	216.8	0.044	-9.01	99.0	1.0	2.9	0.6	1.0	2.0	
1768	584.9	0	579.7	565.9	586.7	0	33.1	31.7	0	0	0	0	216.0	0.044	-8.38	99.4	0.6	2.8	0.5	0.9	1.7	
1769	593.6	0	589.5	572.5	594.2	0	28.4	33.2	0	0	0	0	216.2	0.044	-7.72	99.2	0.8	2.9	0.7	0.9	1.3	
1770	598.5	0	592.2	578.4	600.7	0	34.0	32.5	0	0	0	0	216.0	0.044	-7.23	99.3	0.7	2.8	0.6	0.9	1.3	
1771	599.0	0	599.0	583.3	608.8	0	30.9	31.2	0	0	0	0	215.9	0.044	-6.66	99.4	0.6	2.8	0.7	0.8	1.4	
1772	607.8	0	607.3	590.8	613.6	0	32.4	32.4	0	0	0	0	216.7	0.044	-5.87	99.1	0.9	2.8	0.6	0.7	1.9	
1773	613.5	0	611.1	594.1	617.7	0	33.6	30.9	0	0	0	0	215.7	0.044	-5.14	99.2	0.8	2.9	0.5	0.6	1.8	
1774	621.2	0	618.2	603.5	626.8	0	35.8	31.9	0	0	0	0	215.8	0.044	-4.38	99.4	0.6	2.9	0.6	0.8	2.3	
1775	628.8	0	624.8	612.9	637.3	0	38.1	31.3	0	0	0	0	215.9	0.044	-3.29	99.1	0.9	2.9	0.6	1.3	3.4	
1776	629.5	0	635.3	622.1	637.1	0	32.4	31.7	0	0	0	0	216.6	0.044	-2.22	99.7	0.3	2.9	0.5	2.3	5.1	
1777	616.0	0	609.3	612.5	652.1	0	32.6	31.7	0	0	0	0	216.1	0.044	-4.99	99.5	0.5	0.3	0.4	0.6	1.3	
1778	623.2	0	640.7	645.3	676.6	0	33.6	31.8	0	0	0	0	216.7	0.045	-1.54	99.5	0.5	1.1	0.4	3.4	7.5	
1779	626.2	0	638.0	647.6	667.3	0	31.5	31.5	0	0	0	0	219.3	0.045	-0.91	99.5	0.5	1.1	0.3	4.8	12.1	
1780	625.2	0	641.2	644.0	665.1	0	31.1	31.5	0	0	0	0	218.9	0.044	-0.61	99.4	0.6	1.2	0.4	4.4	6.1	
1781	627.2	0	643.6	649.1	660.3	0	32.2	31.7	0	0	0	0	218.8	0.044	-0.40	99.7	0.3	1.4	0.3	2.3	4.7	
1782	628.4	0	644.5	648.0	656.3	0	35.0	31.4	0	0	0	0	218.5	0.044	0.14	99.4	0.6	1.2	0.4	0.8	3.6	
1783	501.3	0	487.7	504.4	513.6	0	32.3	31.4	0	0	0	0	175.2	0.044	-9.53	99.4	0.6	1.5	0.4	1.2	2.5	
1784	508.8	0	489.5	509.7	516.2	0	31.1	31.8	0	0	0	0	174.2	0.044	-9.13	99.8	0.2	1.5	0.5	1.1	3.3	
1785	512.4	0	497.7	513.4	521.8	0	33.3	31.8	0	0	0	0	173.8	0.044	-8.60	99.2	0.8	1.5	0.5	1.0	3.7	
1786	520.9	0	505.0	519.2	524.1	0	32.8	31.6	0	0	0	0	173.5	0.044	-7.88	99.2	0.8	1.4	0.4	0.7	3.6	
1787	533.7	0	516.7	532.6	537.2	0	33.2	31.7	0	0	0	0	174.7	0.044	-6.94	99.8	0.2	1.7	0.4	0.8	2.9	
1788	547.3	0	529.3	545.0	548.9	0	32.7	31.6	0	0	0	0	174.5	0.044	-5.63	99.7	0.3	1.3	0.4	0.6	3.1	
1789	552.3	0	536.9	556.9	559.7	0	33.0	31.7	0	0	0	0	174.2	0.044	-4.51	97.9	2.1	1.3	0.4	0.7	2.4	
1790	559.2	0	543.1	559.0	561.5	0	33.2	31.7	0	0	0	0	175.2	0.044	-4.36	99.6	0.4	1.4	0.4	0.8	3.0	
1791	563.9	0	549.3	565.6	567.5	0	32.8	31.7	0	0	0	0	173.9	0.044	-3.43	98.8	1.2	1.3	0.3	0.6	2.8	
1792	572.6	0	559.7	577.6	579.0	0	33.0	31.9	0	0	0	0	173.0	0.044	-2.30	98.7	1.3	0.9	0.4	1.1	7.8	
1793	574.0	0	566.3	585.5	580.1	0	32.9	31.7	0	0	0	0	174.6	0.044	-1.33	98.8	1.2	1.3	0.4	2.9	7.0	
1794	573.5	0	570.5	588.6	580.3	0	32.9	31.9	0	0	0	0	175.0	0.044	-1.11	98.8	1.2	1.3	0.4	3.1	8.1	
1795	573.5	0	575.3	591.2	581.2	0	33.1	31.8	0	0	0	0	174.9	0.044	-0.67	99.0	1.0	1.3	0.4	2.6	7.1	
1796	573.2	0	576.2	589.8	579.3	0	33.1	31.8	0	0	0	0	175.0	0.044	-0.42	99.2	0.8	1.3	0.5	1.7	4.5	
1797	571.8	0	577.6	588.6	576.6	0	32.8	31.8	0	0	0	0	173.3	0.044	0.15	98.9	1.1	2.4	0.6	0.9	3.0	
1798	560.2	0	537.2	556.6	559.0	0	33.0	32.0	0	0	0	0	175.0	0.044	-5.64	99.4	0.6	2.3	0.6	0.5	2.0	
1799	569.0	0	549.9	568.1	573.7	0	33.3	31.8	0	0	0	0	173.4	0.044	-3.93	99.2	0.8	2.2	0.6	0.7	2.8	
1800	578.6	0	561.4	575.8	572.5	0	32.9	32.0	0	0	0	0	173.3	0.044	-2.32	99.1	0.9	2.0	0.6	1.4	6.3	
1801	572.7	0	569.5	580.6	564.8	0	33.1	31.9	0	0	0	0	172.6	0.044	-1.30	99.2	0.8	2.0	0.5	2.6	7.8	
1802	575.5	0	577.1	583.3	565.7	0	32.6	31.9	0	0	0	0	174.4	0.044	-0.69	99.3	0.7	2.0	0.6	1.4	6.9	
1803	469.6	0	454.3	463.6	453.6	0	33.1	31.9	0	0	0	0	174.0	0.044	-9.90	99.7	0.3	2.1	0.6	1.1	1.2	
1804	483.4	0	464.3	475.7	467.2	0	33.3	32.0	0	0	0	0	173.9	0.044	-8.80	99.8	0.2	2.0	0.7	1.1	1.3	
1805	499.4	0	479.2	491.3	484.4	0	33.0	32.0	0	0	0	0	174.2	0.044	-7.32	99.1	0.9	2.1	0.6	1.0	1.8	
1806	514.5	0	493.0	508.2	501.0	0	32.9	31.9	0	0	0	0	173.0	0.044	-6.02	100.0	0.0	2.0	0.6	1.3	1.7	
1807	531.4	0	509.7	523.1	518.9	0	33.3	31.9	0	0	0	0	174.3	0.044	-4.49	100.1	-0.1	2.0	0.6	1.2	2.0	
1808	538.3	0	526.5	540.4	535.1	0	33.0	32.1	0	0	0	0	173.3	0.044	-2.49	99.4	0.6	2.0	0.7	3.0	2.7	
1809	538.0	0	539.2	552.1	539.1	0	33.0	32.1	0	0	0	0	174.1	0.044	-1.21	99.5	0.5	2.0	0.7	12.1	13.6	
1810	538.4	0	533.8	546.4	535.6	0	33.3	32.1	0	0	0	0	174.5	0.044	-1.87	99.8	0.2	2.2	0.5	3.0	4.1	
1811	537.3	0	541.5	554.7	536.1	0	33.4	31.7	0	0	0	0	174.1	0.044	-0.69	99.3	0.7	2.1	0.7	9.9	9.1	
1812	506.5	0	481.9	496.1	492.1	0	31.1	32.0	0	0	0	0	173.5	0.043	-5.02	99.2	0.8	0.2	0.6	1.5	1.1	

SRL Single Tube Flow Instability Test # 9.0
Inconel Tube ID = 0.359"

	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
RUN	SDPT2	SRT11	BL	BL	DPL	HL	DATE	TEST#	PTO2	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
	SFT11	BL	BL	VTL	ID	TIME	RUN#	DT3	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL	BL
1763	1.0	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1722.52	9	1763	50.1	0.0	0	0	0	0	0	0	0
1764	1.1	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1725.09	9	1764	50.1	0.0	0	0	0	0	0	0	0
1765	1.0	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1728.03	9	1765	50.1	0.0	0	0	0	0	0	0	0
1766	1.1	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1730.33	9	1766	49.9	0.0	0	0	0	0	0	0	0
1767	1.1	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1732.59	9	1767	50.1	0.0	0	0	0	0	0	0	0
1768	1.6	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1735.20	9	1768	50.2	0.0	0	0	0	0	0	0	0
1769	1.7	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1737.41	9	1769	50.2	0.0	0	0	0	0	0	0	0
1770	1.4	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1739.43	9	1770	50.4	0.0	0	0	0	0	0	0	0
1771	1.5	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1742.14	9	1771	50.3	0.0	0	0	0	0	0	0	0
1772	1.8	0.4	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.26	1744.15	9	1772	50.3	0.0	0	0	0	0	0	0	0
1773	1.9	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.26	1746.18	9	1773	50.1	0.0	0	0	0	0	0	0	0
1774	1.9	0.3	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.26	1748.41	9	1774	50.4	0.0	0	0	0	0	0	0	0
1775	3.3	0.4	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.26	1753.16	9	1775	50.2	0.0	0	0	0	0	0	0	0
1776	5.3	0.5	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.26	1755.53	9	1776	50.0	0.0	0	0	0	0	0	0	0
1777	1.8	0.4	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.27	1132.49	9	1777	50.6	49.4	0	0	0	0	0	0	0
1778	7.9	0.5	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.27	1403.16	9	1778	50.8	0.0	0	0	0	0	0	0	0
1779	9.8	0.5	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.27	1409.12	9	1779	49.4	0.0	0	0	0	0	0	0	0
1780	7.6	0.5	0.3	0	0	0	100.5	95.5	96.0	0.359	8910.27	1415.00	9	1780	49.3	0.0	0	0	0	0	0	0	0
1781	5.5	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.27	1417.12	9	1781	50.1	0.0	0	0	0	0	0	0	0
1782	3.2	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.27	1419.31	9	1782	50.9	0.0	0	0	0	0	0	0	0
1783	2.3	0.3	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.27	1515.47	9	1783	49.9	0.0	0	0	0	0	0	0	0
1784	1.9	0.3	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.27	1519.06	9	1784	50.4	0.0	0	0	0	0	0	0	0
1785	2.3	0.1	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.27	1524.20	9	1785	50.0	0.0	0	0	0	0	0	0	0
1786	2.2	0.1	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.27	1532.27	9	1786	49.7	0.0	0	0	0	0	0	0	0
1787	2.1	0.2	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.27	1537.32	9	1787	50.1	0.0	0	0	0	0	0	0	0
1788	2.8	0.2	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.27	1543.16	9	1788	50.0	0.0	0	0	0	0	0	0	0
1789	2.7	0.1	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.27	1548.45	9	1789	50.2	0.0	0	0	0	0	0	0	0
1790	2.7	0.2	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.27	1553.28	9	1790	50.4	0.0	0	0	0	0	0	0	0
1791	3.3	0.2	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.27	1559.00	9	1791	50.1	0.0	0	0	0	0	0	0	0
1792	7.0	0.2	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.27	1604.12	9	1792	50.4	0.0	0	0	0	0	0	0	0
1793	7.0	0.2	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.27	1608.01	9	1793	49.6	0.0	0	0	0	0	0	0	0
1794	7.6	0.3	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.27	1610.34	9	1794	49.9	0.0	0	0	0	0	0	0	0
1795	7.5	0.2	0.0	0	0	0	100.5	95.5	96.0	0.359	8910.27	1613.46	9	1795	49.5	0.0	0	0	0	0	0	0	0
1796	5.2	0.2	0.2	0	0	0	100.5	95.5	96.0	0.359	8910.27	1618.21	9	1796	50.0	0.0	0	0	0	0	0	0	0
1797	3.7	0.2	0.1	0	0	0	100.5	95.5	96.0	0.359	8910.27	1622.54	9	1797	49.8	0.0	0	0	0	0	0	0	0
1798	4.9	0.2	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.02	1557.31	9	1798	49.9	36.4	0	0	0	0	0	0	0
1799	6.3	0.2	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.02	1603.44	9	1799	50.3	0.0	0	0	0	0	0	0	0
1800	5.9	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.02	1631.40	9	1800	50.2	0.0	0	0	0	0	0	0	0
1801	9.3	0.3	0.3	0	0	0	100.5	95.5	96.0	0.359	8911.02	1635.25	9	1801	50.0	0.0	0	0	0	0	0	0	0
1802	7.4	0.2	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.02	1641.54	9	1802	50.1	0.0	0	0	0	0	0	0	0
1803	1.2	0.1	0.3	0	0	0	100.5	95.5	96.0	0.359	8911.02	1702.35	9	1803	50.0	0.0	0	0	0	0	0	0	0
1804	1.1	0.1	0.3	0	0	0	100.5	95.5	96.0	0.359	8911.02	1704.23	9	1804	20.0	45.2	0	0	0	0	0	0	0
1805	1.1	0.1	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.02	1708.45	9	1805	20.0	0.0	0	0	0	0	0	0	0
1806	1.3	0.1	0.2	0	0	0	100.5	95.5	96.0	0.359	8911.02	1714.01	9	1806	20.2	0.0	0	0	0	0	0	0	0
1807	1.5	0.1	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.02	1716.27	9	1807	20.1	0.0	0	0	0	0	0	0	0
1808	3.0	0.2	0.2	0	0	0	100.5	95.5	96.0	0.359	8911.02	1722.04	9	1808	20.3	0.0	0	0	0	0	0	0	0
1809	14.3	0.2	0.3	0	0	0	100.5	95.5	96.0	0.359	8911.02	1728.45	9	1809	20.5	0.0	0	0	0	0	0	0	0
1810	4.3	0.2	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.02	1731.52	9	1810	19.9	0.0	0	0	0	0	0	0	0
1811	10.4	0.2	0.3	0	0	0	100.5	95.5	96.0	0.359	8911.02	1735.57	9	1811	20.5	0.0	0	0	0	0	0	0	0
1812	1.9	0.1	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1102.51	9	1812	20.1	0.0	0	0	0	0	0	0	0

SRL Single Tube Flow Instability Test # 9.0
Inconel Tube ID = 0.359"

RUN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	HFLX		VOLTT		CURRT2		PTI2		PTO3		PBO1		PL2		PXI1		PPI1		
	PWR1	VOLTB	CURRT1	PTI1	PTO1	PBI1	PL1	PD1	PXO1	PPO1									
1813	174.5	0.796	87.8	88.1	1982	1967	70.3	88.3	20.1	22.8	88.0	23.3	87.4	24.0	19.0	18.1	18.8	0.2	-0.2
1814	173.7	0.793	87.9	87.7	1981	1970	65.6	81.9	20.0	22.3	81.7	22.9	80.7	23.4	18.8	15.9	18.5	0.3	-0.4
1815	174.2	0.795	88.0	87.8	1986	1972	62.2	77.3	20.1	22.4	77.1	22.9	76.8	23.6	19.1	22.5	18.9	0.3	-0.5
1816	174.0	0.794	87.8	87.7	1983	1970	59.4	73.2	20.1	22.0	73.1	22.6	73.4	23.1	18.9	18.0	18.7	0.3	-0.6
1817	173.8	0.793	88.1	87.6	1984	1969	56.0	68.7	20.0	22.1	68.5	22.3	68.6	22.9	18.8	16.2	18.5	0.3	-0.6
1818	175.7	0.802	88.5	88.1	1994	1979	53.2	65.0	20.2	22.3	64.8	22.4	65.0	22.9	18.8	18.8	18.6	0.3	-0.6
1819	176.0	0.803	88.6	88.2	1996	1982	50.7	61.3	20.6	22.3	61.2	22.4	61.4	22.9	18.8	18.5	18.4	0.3	-0.6
1820	175.1	0.799	88.3	88.0	1990	1977	49.3	59.2	20.2	21.9	59.1	22.0	59.5	22.8	18.2	18.6	17.9	0.3	-0.8
1821	176.3	0.804	88.7	88.3	1997	1981	50.7	59.9	18.4	24.0	59.9	24.2	60.0	24.9	21.1	18.7	20.9	0.3	-0.9
1822	88.1	0.402	62.3	62.1	1420	1409	82.0	104.3	19.9	23.7	103.9	23.8	102.6	24.1	18.6	31.4	18.4	0.1	-3.1
1823	88.0	0.402	62.3	62.0	1420	1408	73.4	92.6	20.0	23.2	92.2	23.3	91.2	23.8	18.7	30.8	18.5	0.1	-3.2
1824	88.1	0.402	62.3	62.1	1420	1408	63.6	79.5	20.1	22.6	79.1	22.7	79.1	23.3	18.8	22.5	18.5	0.2	-3.4
1825	87.4	0.399	62.1	61.8	1414	1403	56.3	69.3	20.0	22.2	69.2	22.3	69.2	22.8	18.8	21.3	18.6	0.2	-3.4
1826	87.3	0.398	62.3	61.8	1413	1405	49.4	60.1	20.0	21.7	60.0	21.8	60.6	22.2	18.8	20.7	18.6	0.2	-3.4
1827	87.5	0.399	61.9	61.9	1413	1403	43.6	52.0	20.1	21.4	52.0	21.4	52.8	21.9	18.8	20.2	18.7	0.2	-3.4
1828	87.6	0.400	62.1	62.0	1414	1406	37.8	44.2	20.0	21.1	44.2	21.1	44.9	21.6	18.9	20.2	18.7	0.2	-3.4
1829	87.8	0.401	62.2	62.0	1416	1406	35.1	40.8	20.0	20.9	40.8	20.9	41.6	21.1	18.9	20.0	18.7	0.2	-3.5
1830	87.2	0.398	62.1	61.8	1410	1400	32.5	37.2	19.9	20.6	37.2	20.6	38.3	21.3	18.8	19.8	18.6	0.2	-3.6
1831	87.3	0.398	62.2	61.9	1411	1401	29.0	32.4	20.0	20.6	32.5	20.6	33.7	21.2	19.0	19.9	18.8	0.2	-3.7
1832	87.2	0.398	62.1	61.9	1409	1401	25.7	27.9	20.1	20.4	28.1	20.4	29.4	20.9	19.0	19.5	18.9	0.2	-3.7
1833	87.2	0.398	62.1	61.9	1409	1397	23.5	24.7	20.2	20.4	25.0	20.4	26.4	20.8	19.2	19.6	19.1	0.2	-3.8
1834	87.3	0.398	62.1	62.0	1408	1400	22.7	23.5	20.4	20.5	23.8	20.6	25.2	21.1	19.4	19.4	19.2	0.2	-3.8
1835	88.3	0.403	62.2	62.7	1408	1398	21.7	22.4	20.0	19.8	22.6	19.8	24.2	20.2	18.7	16.5	18.5	0.2	-3.9
1836	88.1	0.402	62.2	62.6	1408	1399	22.6	22.9	20.2	20.1	23.1	20.1	24.6	20.7	18.9	16.9	18.7	0.2	-3.9
1837	87.0	0.397	62.0	61.8	1408	1401	78.1	98.8	20.1	23.0	98.6	23.6	97.3	24.1	18.6	18.5	18.3	0.5	-3.8
1838	87.1	0.397	62.0	61.8	1410	1400	66.0	82.6	20.0	22.3	82.4	22.9	81.9	24.4	18.8	24.9	18.6	0.4	-3.9
1839	86.9	0.397	62.0	61.8	1408	1399	55.2	67.6	20.0	21.6	67.6	22.0	67.5	23.0	18.8	25.5	18.5	0.4	-3.9
1840	87.4	0.399	62.1	61.9	1412	1403	49.0	59.2	20.1	21.3	59.2	21.8	59.4	22.7	18.9	22.6	18.9	0.4	-3.9
1841	86.8	0.396	62.0	61.7	1406	1397	42.9	51.0	19.9	20.9	50.9	21.3	51.5	22.3	18.8	29.2	18.3	0.5	-3.9
1842	88.3	0.403	62.5	62.2	1419	1406	35.7	41.3	20.0	20.5	41.4	21.0	42.1	21.8	18.9	28.9	18.5	0.5	-3.9
1843	88.3	0.403	62.6	62.3	1417	1408	32.9	37.4	20.0	20.4	37.6	20.8	38.6	20.1	19.0	28.8	18.6	0.5	-4.0
1844	88.1	0.402	62.5	62.2	1415	1409	31.1	35.0	20.1	20.3	35.1	20.9	36.0	21.6	19.1	28.8	18.8	0.5	-4.0
1845	88.4	0.403	62.6	62.4	1417	1407	29.1	32.1	20.0	20.1	32.4	20.7	33.5	20.7	19.0	28.6	18.8	0.5	-4.1
1846	88.3	0.403	62.5	62.3	1418	1406	27.4	30.0	20.0	19.9	30.2	20.4	31.3	20.8	18.9	28.5	18.5	0.4	-4.2
1847	88.5	0.404	62.7	62.4	1419	1408	26.4	28.5	20.1	19.5	28.8	20.0	29.9	20.2	18.6	28.1	18.3	0.4	-4.2
1848	88.5	0.404	62.6	62.4	1419	1406	25.5	27.5	20.2	19.5	27.8	20.0	29.0	20.6	18.6	28.2	18.4	0.4	-4.3
1849	87.4	0.399	62.3	62.0	1409	1399	25.7	27.0	20.0	20.1	27.2	20.6	28.4	22.6	19.9	28.6	19.6	0.4	-4.3
1850	87.4	0.399	62.2	62.0	1410	1399	26.3	27.0	20.4	21.0	27.3	21.4	28.4	21.4	19.5	9.0	19.3	0.5	-4.3
1851	88.3	0.403	62.7	62.4	1416	1405	52.6	53.6	49.8	47.9	53.7	49.2	54.0	51.1	47.3	27.2	48.6	0.6	-4.3
1852	88.5	0.404	62.8	62.5	1417	1406	53.2	53.9	49.9	48.3	53.8	49.8	54.2	51.0	47.8	33.2	49.2	0.6	-4.4

SRL Single Tube Flow Instability Test # 9.0

Inconel Tube ID = 0.359"

	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
RUN	PA1		DT2		DLV1		FLI1		FBI1		FXI2		TRTI1		TRTO1		JXI1	
		DT1		DP1		OLI1		FTI1		FXI1		FS1		TRTI2		TRTO2		JXO1
1813	18.5	53.19	54.27	0.0	-0.2	10.64	13.26	13.04	0.00	12.27	13.40	0.2	121.5	121.1	212.9	214.3	213.4	139.4
1814	18.3	48.63	49.61	0.0	-0.2	10.20	12.61	12.44	0.00	11.50	12.84	0.0	123.0	122.5	218.5	219.7	215.3	86.7
1815	18.6	45.15	46.01	0.1	-0.2	9.00	12.09	11.95	0.00	11.06	12.36	1.1	121.5	121.1	221.5	222.9	218.0	137.5
1816	18.4	42.32	43.11	0.0	-0.3	8.01	11.69	11.55	0.00	10.59	12.06	0.7	121.5	121.6	225.0	226.1	221.2	98.7
1817	18.3	39.08	39.86	0.0	-0.1	7.82	11.20	11.09	0.00	9.96	11.49	1.0	121.9	121.6	229.4	230.6	226.0	118.5
1818	18.4	36.14	36.88	0.0	0.0	6.99	10.77	10.61	0.00	9.61	11.12	0.0	121.6	121.5	235.0	236.7	232.2	107.1
1819	18.3	33.30	34.03	-0.1	0.0	6.77	10.26	10.14	0.00	9.36	10.82	0.0	121.0	121.0	240.0	241.4	237.3	64.0
1820	17.7	32.18	32.86	-0.1	0.2	6.06	9.90	9.82	0.00	9.63	10.92	0.0	122.0	121.8	244.0	245.3	239.1	95.3
1821	20.7	35.19	35.81	-0.1	0.3	5.39	9.55	9.56	0.00	7.55	8.98	0.3	122.6	122.5	249.0	250.3	243.7	101.2
1822	18.3	-0.60	65.81	0.0	-0.2	10.59	14.60	14.31	0.00	13.53	14.40	0.0	78.0	78.1	120.0	121.0	122.0	71.4
1823	18.3	-0.60	57.09	0.1	-0.2	9.53	13.58	13.31	0.00	12.42	13.39	0.3	76.5	76.5	121.6	122.6	122.2	70.2
1824	18.4	-0.60	47.34	0.0	-0.1	8.35	12.31	12.08	0.00	11.13	12.15	0.0	76.5	76.4	126.1	127.2	125.7	79.5
1825	18.5	-0.60	39.92	0.0	-0.1	6.40	11.29	11.06	0.00	10.06	11.19	0.0	77.5	77.4	131.5	132.6	131.6	70.6
1826	18.5	-0.60	33.11	0.0	-0.2	5.36	10.23	10.05	0.00	8.89	10.14	0.0	76.5	76.4	136.0	137.2	134.6	72.2
1827	18.5	-0.60	27.10	0.1	0.0	3.89	9.24	9.06	0.00	7.80	9.15	0.6	76.5	76.3	142.0	142.9	138.7	86.6
1828	18.5	-0.60	21.24	0.1	0.1	3.02	8.08	7.98	0.00	6.52	8.09	0.3	76.0	76.1	150.9	151.6	145.6	91.6
1829	18.5	17.37	18.85	-0.1	0.0	0.78	7.42	7.46	0.00	5.84	7.63	0.2	76.5	76.3	156.5	157.3	151.6	93.0
1830	18.4	15.53	16.29	-0.1	0.0	0.78	6.91	6.92	0.00	5.19	7.06	0.0	76.5	76.3	162.5	163.4	160.7	75.2
1831	18.6	11.88	12.42	-0.1	0.1	0.78	5.55	6.01	0.00	2.73	6.13	0.1	78.0	77.8	176.5	177.9	171.7	65.6
1832	18.6	8.68	9.12	0.1	0.1	0.78	4.22	5.11	0.00	0.00	5.29	0.0	77.5	77.5	193.5	194.4	179.1	65.1
1833	18.9	6.24	6.60	-0.1	0.1	0.78	1.72	4.31	0.00	0.00	4.53	0.0	76.5	76.6	213.5	214.9	192.7	99.1
1834	19.0	5.27	5.55	0.0	0.3	0.78	-0.01	3.92	0.00	0.00	4.16	0.0	76.0	75.8	225.5	226.7	202.5	58.3
1835	18.3	4.70	5.01	0.0	0.0	0.78	-0.04	3.61	0.00	0.00	3.99	0.3	78.0	78.0	241.0	242.6	226.5	61.6
1836	18.5	5.29	5.84	0.0	0.2	0.78	0.01	3.23	0.00	0.00	3.84	0.0	77.0	76.8	246.1	247.4	231.7	67.1
1837	18.2	0.02	62.30	0.1	-0.4	10.42	14.20	14.01	0.00	13.21	14.18	0.0	122.0	121.5	164.0	165.2	160.4	102.2
1838	18.4	0.02	50.10	0.0	-0.2	8.74	12.71	12.51	0.00	11.51	12.72	0.0	121.4	120.8	168.8	169.9	166.0	110.1
1839	18.3	0.02	39.16	0.0	-0.2	6.43	11.11	11.01	0.00	10.01	11.19	0.0	122.3	122.3	176.5	177.9	175.1	88.4
1840	18.5	0.02	32.74	0.1	-0.2	5.80	10.10	10.02	0.00	8.88	10.21	0.0	122.0	121.6	181.3	182.0	176.8	134.4
1841	18.4	0.02	26.74	-0.1	0.1	5.10	8.95	9.03	0.00	7.70	9.20	0.0	122.0	122.1	188.2	189.3	188.9	76.1
1842	18.5	18.55	19.59	-0.1	0.1	0.78	7.09	7.62	0.00	6.16	7.84	0.0	122.0	121.6	201.0	202.3	192.8	113.5
1843	18.6	15.78	16.63	0.0	0.2	0.78	6.34	6.99	0.00	5.47	7.20	0.0	122.5	122.4	208.9	209.8	200.5	121.7
1844	18.6	13.87	14.60	0.0	0.1	0.78	5.68	6.53	0.00	4.92	6.75	0.0	122.0	122.0	214.0	215.3	204.7	111.6
1845	18.5	11.91	12.54	-0.1	0.2	0.78	5.16	6.02	0.00	4.48	6.30	0.0	122.9	122.7	222.3	223.8	211.9	82.0
1846	18.5	10.37	10.96	0.0	0.1	0.78	4.46	5.59	0.00	0.00	5.81	0.0	121.5	121.3	228.5	230.0	223.6	173.4
1847	18.1	9.18	9.75	0.0	0.1	0.78	4.47	5.24	0.00	0.76	5.81	0.2	122.5	122.3	237.5	238.6	231.5	154.5
1848	18.1	8.32	8.76	0.1	0.2	0.78	3.67	4.95	0.00	0.00	5.43	0.0	121.9	121.8	242.5	244.1	235.2	192.6
1849	19.4	8.59	9.20	0.0	0.2	0.78	2.90	4.53	0.00	0.00	2.81	0.0	121.0	121.1	250.1	251.5	242.1	87.5
1850	19.0	9.44	7.77	-0.1	0.1	0.78	3.06	4.78	0.00	1.50	3.78	0.0	121.8	121.7	251.5	252.4	245.6	69.2
1851	48.4	5.59	5.96	-0.1	-0.2	0.78	0.00	4.00	0.00	0.00	4.27	0.0	122.5	122.4	271.5	273.4	261.4	77.4
1852	48.9	5.99	6.33	0.0	-0.2	0.78	0.00	3.51	0.00	0.00	3.68	0.0	121.5	121.4	290.5	292.3	279.0	194.4

SRL Single Tube Flow Instability Test # 9.0

Inconel Tube ID = 0.359"

	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
RUN	PTO2	TEW95W		TEW72N		TEW48W		TEW24N		TEW13W		TEW10N		TEW07W		TEW04N		TEW01W	
		DT3	TEW95E		TEW72S		TEW48E		TEW24S		TEW13E		TEW10S		TEW07E		TEW04S		
1813	20.1	0.00	428.2	408.2	437.4	442.3	452.0	447.8	480.0	472.9	492.1	472.3	495.1	478.5	479.8	501.4	495.4	489.4	486.9
1814	20.0	0.00	427.6	408.1	439.1	443.6	453.2	449.6	483.0	474.4	493.8	474.9	499.0	483.0	482.4	504.8	498.3	492.9	490.9
1815	20.1	0.00	430.9	411.1	442.7	446.7	457.9	453.7	487.8	478.5	498.7	479.5	504.4	488.1	487.5	510.3	503.5	498.4	496.2
1816	20.1	0.00	432.7	412.9	443.9	448.7	460.2	456.1	490.9	481.7	502.0	483.0	507.9	491.9	491.3	514.0	506.9	502.4	499.8
1817	20.0	0.00	434.7	414.5	447.5	451.4	463.8	459.8	495.7	486.4	507.0	488.2	513.3	496.7	496.7	519.3	512.3	507.6	504.1
1818	20.2	0.00	440.4	420.9	454.1	457.8	471.9	466.9	504.0	495.0	516.1	497.1	522.6	506.2	504.6	524.8	519.5	511.0	507.1
1819	20.6	0.00	444.0	423.8	458.6	462.1	476.3	471.7	510.0	501.1	522.1	503.2	528.9	512.3	509.9	526.8	522.6	513.2	508.0
1820	20.2	0.00	443.9	423.8	457.9	462.8	477.3	473.4	511.6	502.4	523.2	505.6	530.9	514.9	510.0	526.4	521.0	512.5	505.9
1821	18.4	0.00	448.0	427.1	464.2	467.3	482.7	479.0	518.5	509.2	528.6	512.3	534.0	520.8	513.5	530.9	523.9	517.3	510.1
1822	19.9	0.00	248.9	237.4	252.9	255.1	259.1	257.6	273.9	269.7	280.1	268.5	281.7	272.5	272.4	285.1	280.7	277.5	275.5
1823	20.0	0.00	249.6	238.0	254.2	256.4	260.2	259.2	276.4	272.0	282.3	270.8	284.3	274.4	275.1	287.6	283.4	280.2	278.4
1824	20.1	0.00	252.9	241.1	258.7	259.7	265.5	263.8	282.0	277.3	288.5	276.6	290.8	281.2	280.7	294.2	289.5	286.9	284.8
1825	20.0	0.00	256.0	245.3	262.4	264.8	270.7	268.1	287.6	282.8	294.0	282.2	296.6	286.3	286.8	299.9	296.0	292.9	290.8
1826	20.0	0.00	259.8	248.0	266.4	268.2	275.5	273.5	292.9	289.0	300.7	288.7	303.3	292.9	293.4	307.0	302.6	299.6	297.7
1827	20.1	0.00	262.8	251.6	271.3	273.0	280.4	279.2	300.1	295.4	307.8	296.0	310.7	300.5	301.0	314.5	310.3	307.6	305.8
1828	20.0	0.00	268.7	257.4	278.6	280.4	288.4	287.4	310.6	305.7	318.7	307.1	322.2	312.1	311.9	326.3	322.2	319.3	317.6
1829	20.0	18.18	273.6	261.7	284.1	285.7	294.8	293.6	317.6	312.9	326.9	314.5	329.8	319.3	320.6	334.4	330.7	327.0	326.0
1830	19.9	15.57	276.8	265.3	288.1	289.8	301.0	298.5	323.6	318.9	332.9	320.8	336.5	326.3	327.3	341.1	337.1	334.0	332.4
1831	20.0	11.98	285.6	273.1	299.0	300.3	312.6	310.7	338.7	333.3	349.2	336.9	353.4	343.2	343.7	358.1	354.1	351.5	350.3
1832	20.1	8.74	294.8	282.3	310.5	312.1	326.1	325.0	356.2	350.8	368.1	356.0	373.1	362.9	363.1	378.2	374.8	372.0	371.1
1833	20.2	6.29	306.8	293.0	325.2	325.7	342.5	342.4	377.9	372.4	391.3	378.9	397.3	385.9	387.6	402.8	400.1	397.2	396.4
1834	20.4	5.31	312.2	298.9	333.0	333.5	351.2	351.8	390.1	383.9	404.6	391.7	410.7	399.4	401.0	415.9	413.2	409.1	409.0
1835	20.0	4.72	320.6	308.2	342.6	344.4	364.8	364.6	400.3	395.4	413.5	402.0	418.1	408.2	408.1	420.4	415.9	413.9	411.0
1836	20.2	0.00	323.5	308.9	346.5	346.5	368.4	368.2	402.6	398.3	416.5	405.6	420.7	411.8	409.7	422.1	416.6	414.6	410.3
1837	20.1	0.00	280.3	269.2	287.1	287.9	292.3	291.2	307.6	303.5	313.2	302.9	316.4	307.2	306.6	319.2	314.9	312.4	310.7
1838	20.0	0.00	283.1	272.4	290.1	291.6	297.5	296.6	313.7	309.2	320.3	309.2	322.9	314.3	313.1	326.3	321.7	318.6	317.6
1839	20.0	0.00	288.4	277.9	296.0	298.7	305.1	303.4	323.2	318.5	329.9	318.7	332.7	323.2	323.2	336.2	331.8	328.8	327.6
1840	20.1	0.00	290.7	279.0	300.2	301.5	308.8	307.9	328.4	323.6	335.5	324.5	338.9	329.6	329.6	342.0	338.4	335.9	334.0
1841	19.9	0.00	295.6	285.0	306.2	308.3	317.1	314.9	337.0	332.3	344.6	333.5	347.9	339.4	338.7	351.7	347.9	344.5	343.4
1842	20.0	18.66	302.4	290.2	316.6	317.4	327.4	327.6	352.0	346.8	361.2	349.3	365.8	355.1	355.5	369.8	365.7	362.9	361.4
1843	20.0	15.85	307.7	296.1	322.7	323.9	335.0	335.3	361.2	355.8	370.7	359.2	375.6	365.5	365.4	379.9	375.8	373.2	371.8
1844	20.1	13.98	309.6	297.4	326.5	326.4	338.8	339.4	365.6	360.4	376.0	364.6	381.4	370.8	371.3	385.9	381.7	379.9	378.1
1845	20.0	12.05	314.7	302.4	332.4	332.9	346.4	346.4	375.8	369.9	386.1	374.6	391.3	382.0	382.0	396.2	392.0	389.5	388.6
1846	20.0	10.40	318.5	305.7	337.9	338.4	353.7	352.5	383.4	377.9	394.8	382.6	399.9	388.8	390.2	404.7	400.4	398.0	397.1
1847	20.1	9.24	323.3	310.9	343.7	344.8	361.6	360.6	393.2	387.3	404.5	392.7	409.2	399.1	399.6	413.8	410.0	407.1	406.4
1848	20.2	8.38	325.0	312.8	346.5	347.8	366.0	364.6	398.4	392.6	409.8	397.9	415.8	405.3	405.3	419.4	415.8	413.1	411.5
1849	20.0	0.00	328.0	316.2	351.5	351.8	371.0	369.8	404.0	398.4	416.0	404.9	422.3	411.8	410.2	424.3	419.1	416.7	410.6
1850	20.4	0.00	335.9	323.7	364.9	363.4	380.8	382.9	409.6	406.0	421.3	408.7	423.6	414.3	413.9	425.9	419.9	416.3	411.4
1851	49.8	5.68	339.8	328.0	366.4	367.5	389.6	389.0	428.3	422.1	440.5	430.1	445.7	436.7	435.9	448.7	445.6	443.7	442.6
1852	49.9	0.00	349.6	335.8	379.4	379.2	405.6	405.1	441.7	436.4	453.2	443.0	456.3	447.5	445.9	457.6	452.6	450.2	445.9

SRL Single Tube Flow Instability Test # 9.0
Inconel Tube ID = 0.359"

	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77
RUN	BL	TKW04E	BL	TJREF	BL	BL	BL	BL	BL	BL	BL	BL	BL	RTS	HRATIO	SVOLT	SPT01				
	TEW01E	TKW07W	TKW01S	TEREF	BL	BL	BL	PWR2	QUALITY	HLOSS	SCURR	SDPT1									
1813	504.6	0	481.9	495.8	488.3	0	33.0	31.6	0	0	0	0	173.2	0.044	-4.90	99.4	0.6	1.7	0.6	1.4	1.3
1814	509.7	0	488.2	501.1	497.0	0	34.6	31.5	0	0	0	0	172.7	0.044	-4.23	99.0	1.0	2.0	0.5	1.2	1.3
1815	515.6	0	495.3	506.9	501.7	0	33.2	32.0	0	0	0	0	173.0	0.044	-3.96	99.4	0.6	1.8	0.4	1.3	1.7
1816	516.9	0	497.9	509.8	502.8	0	32.8	32.1	0	0	0	0	172.8	0.044	-3.62	99.7	0.3	1.9	0.5	1.6	1.8
1817	518.7	0	502.9	515.0	508.5	0	34.1	31.3	0	0	0	0	172.6	0.044	-3.06	99.1	0.9	0.7	0.3	1.5	1.8
1818	523.2	0	513.0	518.8	507.1	0	33.1	31.6	0	0	0	0	174.4	0.044	-2.50	99.2	0.8	0.7	0.3	1.4	1.5
1819	523.6	0	518.4	522.0	511.3	0	32.8	31.7	0	0	0	0	174.8	0.044	-2.04	99.3	0.7	0.7	0.3	1.5	1.3
1820	521.6	0	519.6	520.0	507.9	0	33.3	32.0	0	0	0	0	174.0	0.044	-1.53	99.3	0.7	0.7	0.3	1.3	1.5
1821	525.5	0	516.0	524.6	513.0	0	33.2	32.1	0	0	0	0	174.8	0.044	-0.65	99.2	0.8	0.6	0.3	4.0	1.9
1822	286.3	0	275.5	282.5	280.3	0	33.3	31.5	0	0	0	0	87.4	0.044	-14.77	98.9	1.1	1.2	0.6	0.9	0.0
1823	289.3	0	277.5	285.7	282.2	0	32.8	31.8	0	0	0	0	87.3	0.044	-14.59	98.8	1.2	1.1	0.5	1.5	0.0
1824	296.0	0	284.1	292.1	285.7	0	33.0	31.6	0	0	0	0	87.4	0.044	-14.12	98.7	1.3	1.1	0.5	1.8	0.0
1825	301.9	0	289.5	299.2	291.1	0	33.6	32.1	0	0	0	0	86.7	0.044	-13.57	99.3	0.7	1.0	0.4	1.2	0.0
1826	308.8	0	297.0	304.6	300.6	0	32.8	31.7	0	0	0	0	86.8	0.044	-13.08	99.1	0.9	1.1	0.5	1.0	0.0
1827	317.3	0	303.1	311.8	304.5	0	33.3	31.5	0	0	0	0	86.9	0.044	-12.44	99.1	0.9	1.1	0.5	1.1	0.0
1828	329.0	0	316.2	323.5	319.9	0	33.0	31.6	0	0	0	0	87.2	0.044	-11.50	99.3	0.7	1.1	0.4	1.1	0.0
1829	337.4	0	320.4	330.9	325.9	0	34.6	32.0	0	0	0	0	87.2	0.044	-10.85	98.9	1.1	1.1	0.5	1.1	0.7
1830	344.3	0	330.2	339.9	335.7	0	34.4	31.8	0	0	0	0	86.6	0.044	-10.23	99.3	0.7	1.1	0.5	0.7	0.6
1831	362.2	0	346.2	356.1	353.9	0	34.8	31.5	0	0	0	0	86.7	0.044	-8.68	98.7	1.3	1.1	0.4	1.0	0.9
1832	383.1	0	366.4	376.0	374.0	0	32.7	31.8	0	0	0	0	86.7	0.044	-6.91	99.1	0.9	1.1	0.4	1.2	1.1
1833	408.0	0	387.3	401.3	400.1	0	32.6	31.8	0	0	0	0	86.5	0.044	-4.74	98.9	1.1	1.0	0.4	1.3	2.2
1834	420.8	0	402.0	411.8	412.4	0	32.9	32.0	0	0	0	0	86.8	0.044	-3.34	98.0	2.0	0.9	0.4	0.7	2.1
1835	421.9	0	409.3	416.5	414.0	0	33.1	32.2	0	0	0	0	87.6	0.045	-1.69	98.6	1.4	0.3	0.3	1.2	5.9
1836	421.0	0	413.4	419.2	412.8	0	33.1	29.6	0	0	0	0	87.5	0.044	0.30	91.3	6.7	0.5	0.4	5.2	9.4
1837	321.0	0	312.6	316.8	310.1	0	34.0	32.1	0	0	0	0	86.5	0.044	-10.05	97.4	2.6	1.1	0.5	2.0	0.0
1838	328.4	0	319.5	324.4	317.2	0	32.9	31.7	0	0	0	0	86.5	0.044	-9.55	98.2	1.8	1.1	0.5	1.2	0.0
1839	338.3	0	327.7	334.6	331.3	0	33.6	31.9	0	0	0	0	86.4	0.044	-8.75	99.0	1.0	1.1	0.4	1.4	0.0
1840	345.0	0	335.0	340.8	337.0	0	33.1	31.1	0	0	0	0	86.8	0.044	-8.21	98.1	1.9	1.2	0.4	1.4	0.0
1841	354.5	0	344.5	350.3	344.3	0	33.8	31.1	0	0	0	0	86.2	0.044	-7.52	99.3	0.7	1.1	0.4	1.2	0.0
1842	372.9	0	358.5	369.3	365.0	0	32.7	31.9	0	0	0	0	87.5	0.044	-6.08	98.6	1.4	1.2	0.5	0.8	0.7
1843	383.4	0	369.8	376.6	374.0	0	33.6	32.7	0	0	0	0	87.8	0.044	-5.26	99.0	1.0	1.2	0.5	1.0	1.1
1844	389.7	0	373.0	383.2	382.2	0	32.3	32.0	0	0	0	0	87.7	0.044	-4.69	98.6	1.4	1.2	0.5	1.2	0.8
1845	400.2	0	384.9	392.9	390.8	0	33.4	31.5	0	0	0	0	87.7	0.044	-3.71	98.0	2.0	1.2	0.5	0.8	0.8
1846	408.6	0	392.1	403.2	407.8	0	32.8	31.7	0	0	0	0	87.6	0.044	-3.04	98.2	1.8	0.6	0.5	0.7	0.8
1847	418.0	0	401.5	410.9	410.2	0	33.1	32.1	0	0	0	0	87.9	0.044	-2.15	98.6	1.4	0.5	0.4	1.7	2.4
1848	423.3	0	408.2	418.2	414.6	0	32.5	32.6	0	0	0	0	87.7	0.044	-1.51	97.8	2.2	0.6	0.5	2.1	2.0
1849	421.2	0	414.6	422.9	415.2	0	33.4	31.7	0	0	0	0	86.8	0.044	-0.51	97.0	3.0	0.5	0.3	1.8	4.1
1850	422.5	0	415.4	417.8	408.7	0	32.8	32.1	0	0	0	0	86.8	0.044	-1.25	102.9	-2.9	1.3	0.4	2.0	5.6
1851	453.5	0	438.6	446.8	447.3	0	33.2	31.7	0	0	0	0	87.6	0.044	-2.57	97.9	2.1	1.2	0.5	0.7	1.9
1852	456.2	0	449.3	454.8	442.9	0	33.1	31.6	0	0	0	0	87.9	0.044	-0.30	97.4	2.6	1.2	0.4	0.7	8.0

SRL Single Tube Flow Instability Test # 9.0
Inconel Tube ID = 0.359"

78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
RUN	SDPT2	SFT11	SFT11	BL	BL	DPL	VTL	HL	ID	DATE	TIME	TEST#	RUN#	PTO2	DT3	BL	BL	BL	BL	BL	BL	BL
1813	2.2	0.1	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1106.45	9	1813	20.1	0.0	0	0	0	0	0	0
1814	2.2	0.1	0.1	0	0	0	100.5	95.5	96.0	0.359	8911.09	1122.40	9	1814	20.0	0.0	0	0	0	0	0	0
1815	3.3	0.1	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1131.13	9	1815	20.1	0.0	0	0	0	0	0	0
1816	3.3	0.1	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1133.42	9	1816	20.1	0.0	0	0	0	0	0	0
1817	3.0	0.2	0.1	0	0	0	100.5	95.5	96.0	0.359	8911.09	1138.01	9	1817	20.0	0.0	0	0	0	0	0	0
1818	2.1	0.3	0.1	0	0	0	100.5	95.5	96.0	0.359	8911.09	1145.35	9	1818	20.2	0.0	0	0	0	0	0	0
1819	2.7	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1148.36	9	1819	20.6	0.0	0	0	0	0	0	0
1820	2.6	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1153.34	9	1820	20.2	0.0	0	0	0	0	0	0
1821	2.8	0.3	0.2	0	0	0	100.5	95.5	96.0	0.359	8911.09	1206.20	9	1821	18.4	0.0	0	0	0	0	0	0
1822	1.1	0.2	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1422.23	9	1822	19.9	0.0	0	0	0	0	0	0
1823	1.0	0.2	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1424.17	9	1823	20.0	0.0	0	0	0	0	0	0
1824	1.3	0.2	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1428.35	9	1824	20.1	0.0	0	0	0	0	0	0
1825	0.9	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1434.56	9	1825	20.0	0.0	0	0	0	0	0	0
1826	1.0	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1436.35	9	1826	20.0	0.0	0	0	0	0	0	0
1827	1.4	0.3	0.2	0	0	0	100.5	95.5	96.0	0.359	8911.09	1438.14	9	1827	20.1	0.0	0	0	0	0	0	0
1828	1.6	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1439.56	9	1828	20.0	0.0	0	0	0	0	0	0
1829	1.4	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1441.46	9	1829	20.0	40.1	0	0	0	0	0	0
1830	1.2	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1450.26	9	1830	19.9	34.3	0	0	0	0	0	0
1831	1.6	0.5	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1454.16	9	1831	20.0	26.4	0	0	0	0	0	0
1832	1.9	0.6	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1456.25	9	1832	20.1	19.3	0	0	0	0	0	0
1833	2.5	0.7	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1458.58	9	1833	20.2	13.9	0	0	0	0	0	0
1834	3.9	0.8	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1500.49	9	1834	20.4	11.7	0	0	0	0	0	0
1835	8.4	0.8	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1515.02	9	1835	20.0	10.4	0	0	0	0	0	0
1836	7.7	4.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1517.18	9	1836	20.2	0.0	0	0	0	0	0	0
1837	1.6	0.2	0.1	0	0	0	100.5	95.5	96.0	0.359	8911.09	1529.43	9	1837	20.1	0.0	0	0	0	0	0	0
1838	1.5	0.2	0.1	0	0	0	100.5	95.5	96.0	0.359	8911.09	1535.13	9	1838	20.0	0.0	0	0	0	0	0	0
1839	1.7	0.2	0.2	0	0	0	100.5	95.5	96.0	0.359	8911.09	1537.33	9	1839	20.0	0.0	0	0	0	0	0	0
1840	1.7	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1543.38	9	1840	20.1	0.0	0	0	0	0	0	0
1841	1.8	0.3	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1546.55	9	1841	19.9	0.0	0	0	0	0	0	0
1842	1.7	0.3	0.1	0	0	0	100.5	95.5	96.0	0.359	8911.09	1554.01	9	1842	20.0	41.1	0	0	0	0	0	0
1843	1.6	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1556.08	9	1843	20.0	34.9	0	0	0	0	0	0
1844	1.3	0.4	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1558.30	9	1844	20.1	30.8	0	0	0	0	0	0
1845	1.4	0.4	0.2	0	0	0	100.5	95.5	96.0	0.359	8911.09	1601.51	9	1845	20.0	26.6	0	0	0	0	0	0
1846	1.7	0.5	0.1	0	0	0	100.5	95.5	96.0	0.359	8911.09	1615.12	9	1846	20.0	22.9	0	0	0	0	0	0
1847	3.2	0.6	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1619.30	9	1847	20.1	20.4	0	0	0	0	0	0
1848	3.3	0.6	0.2	0	0	0	100.5	95.5	96.0	0.359	8911.09	1628.03	9	1848	20.2	18.5	0	0	0	0	0	0
1849	4.2	0.8	0.1	0	0	0	100.5	95.5	96.0	0.359	8911.09	1634.24	9	1849	20.0	0.0	0	0	0	0	0	0
1850	4.1	3.6	0.2	0	0	0	100.5	95.5	96.0	0.359	8911.09	1643.20	9	1850	20.4	0.0	0	0	0	0	0	0
1851	4.1	0.6	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1654.58	9	1851	49.8	12.5	0	0	0	0	0	0
1852	8.3	0.8	0.0	0	0	0	100.5	95.5	96.0	0.359	8911.09	1706.12	9	1852	49.9	0.0	0	0	0	0	0	0

DATE

FILMED

8/26/94

END