SEP 29 1999

ENGINEERING DATA TRANSMITTAL

Page 1 of 1
1. EDT 617972

2. To: (Receiving Organization) Characterization				3. From: (Originating Organization) Characterization Engineering				4. Related EDT No.: N/A			
5. Proj./Prog./Dept./Div.: Characterization				6. Design Authority/Design Agent/Cog. Engr.: G. P. Janicek/JC Akers/RN Dale				7. Purchase Order No.: N/A			
8. Originator Remarks: Original release of a report for the Year 2000 status of field equipment used in the Characterization organization.								9. Equip./Component No.: N/A			
								10. System/Bldg./Facility: 200G			
								12. Major Assm. Dwg. No.: N/A			
								13. Permit/Permit Application No.: N/A			
11. Receiver Remarks:								11A. Design Baseline Document? ☐ Yes ☒ No			
								14. Required Response Date: ASAP			
15. DATA TRANSMITTED								(F)	(G)	(H)	(I)
(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted				Approval Designator	Reason for Transmittal	Originator Disposition	Receiver Disposition
1	HNF-4340	N/A	0	Year 2000 Compliance				Q	1	1	1
				Status Report for Core							
				Sampling Equipment							
16. KEY											
Approval Designator (F)		Reason for Transmittal (G)				Disposition (H) & (I)					
E, S, Q, D OR N/A (See WHC-CM-3-5, Sec. 12.7)		1. Approval 2. Release 3. Information		4. Review 5. Post-Review 6. Dist. (Receipt Acknow. Required)		1. Approved 2. Approved w/comment 3. Disapproved w/comment			4. Reviewed no/comment 5. Reviewed w/comment 6. Receipt acknowledged		
17. SIGNATURE/DISTRIBUTION (See Approval Designator for required signatures)											
(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN	(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN
1	1	Design Authority GP Janicek	<i>[Signature]</i>	9/29/99	57-12	1	1	Prj. Mgr. JL Smalley	<i>[Signature]</i>	9/29/99	57-12
		Design Agent									
1	1	Cog. Eng. TR Farris	<i>[Signature]</i>	9/28/99							
1	1	Cog. Mgr. JS Schofield	<i>[Signature]</i>	9/29/99	57-12						
1	1	QA JL Logston	<i>[Signature]</i>	9-29-99							
		Safety									
		Env.									
18.		19.				20.		21. DOE APPROVAL (if required)			
<i>[Signature]</i> J. C. Akers Signature of EDT Originator		Date		<i>[Signature]</i> Authorized Representative for Receiving Organization		Date		<i>[Signature]</i> R. M. Boger Design Authority/ Cognizant Manager		Date	
9/28/99				9/29/99				9/29/99			
								Ctrl No. _____			
								☐ Approved			
								☐ Approved w/comments			
								☐ Disapproved w/comments			

Year 2000 Compliance Status Report for Core Sampling Equipment

R. M. Boger

Lockheed Martin Hanford Co.

Richland, WA 99352

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Abstract:

Several pieces of equipment that support core sampling activities are "date aware" and could be affected by the roll over to the year 2000. This report documents the testing and remedial efforts for this equipment.

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TABLE OF CONTENTS

1.0 INTRODUCTION.....	1
2.0 SCOPE	1
3.0 DESCRIPTION	2
3.1 SYSTEM DESCRIPTION	2
3.2 EQUIPMENT LIST.....	2
4.0 TEST DESCRIPTION	3
5.0 TEST RESULTS.....	3
5.1 ROTARY MODE CORE SAMPLE TRUCKS.....	3
5.2 RMCS EXHAUSTERS	4
5.3 MOBILE CORE SAMPLING X-RAY SYSTEM	5
5.4 LAPTOP COMPUTERS & SOFTWARE	5
6.0 REMEDIATION	7
APPENDIX A - REFERENCES.....	8
APPENDIX B – MANUFACTURER COMPLIANCE STATEMENTS	9
APPENDIX C- TEST DATA	10

1.0 INTRODUCTION

There are two Rotary Mode Core Sampling (RMCS) systems that obtain core samples of nuclear waste from various underground tanks. The two primary pieces of equipment in each RMCS system are the RMCS truck and the Exhauster. There are several pieces of RMCS system equipment that are time of day and date aware. This makes those pieces of equipment, and any supporting software, possibly vulnerable to several potential problems related to the approaching Year 2000 (Y2K) rollover.

1.1 EXECUTIVE SUMMARY

All field equipment, and software, associated with RMCS operations was evaluated or tested for Y2K compliance. All field equipment that uses date information passed the Y2K tests with the exception of two laptop computers used to support data acquisition and maintenance activities. The two laptops have been replaced and checked for proper operation for their intended functions using existing software. The new laptops, using the same datalogger support software, passed all Y2K tests.

2.0 SCOPE

This document covers the Year 2000 compliance evaluation and testing of equipment and software that supports core sampling efforts for the Characterization organization(s) in the River Protection Project (RPP). The equipment and software tested for Y2K compliance is listed in section 3.2 EQUIPMENT LIST. A brief summary of that equipment is listed below.

- Rotary Mode Core Sample Trucks (RMCST) 3 & 4
- Rotary Mode Core Sampling (RMCS) Exhausters B & C
- Mobile Core Sampling X-ray Systems
- Laptop computers
- Desktop computer (used in stand-alone mode)
- Supporting software.

With the exception of one desktop computer, this report does not include any equipment or software that is used on, or connected to, the Hanford Local Area Network (HLAN). While the desktop computer listed above, and in section 3.2 EQUIPMENT LIST, is connected to HLAN the computer was run in a stand-alone, MicroSoft™ Disk Operating System (MS-DOS™) mode. This was necessary to run the datalogger manufacturers support software. Any equipment connected to HLAN is the responsibility of Lockheed Martin Services Incorporated (LMSI). Also, this report does not cover any Y2K compliance testing or evaluation for the Cone Penetrometer, Light Duty Utility Arm (LDUA), or Long Length Contaminated Equipment (LLCE) systems.

3.0 DESCRIPTION

3.1 SYSTEMS DESCRIPTION

Each RMCST and Exhauster contains a data logger to record various parameters during operation. Also, each Exhauster contains a Beta Particle Continuous Air Monitor (CAM) that monitors the contents of the exhauster outlet. Each of these pieces of equipment is time of day/date aware and therefore possibly vulnerable to several Y2K date issues. There are two software packages that support the operation of Beta CAM and RMCST data logger. The software is run on two laptop computers. There is no Safety Class (SC) or Safety Significant (SS) RMCS equipment that is "time of day or date aware". Therefore, none of the equipment or software that was checked for Y2K compliance is Safety Class (SC) or Safety Significant (SS). The equipment and software listed in the next section have been tested for Y2K compliance. The test methods, criteria, and results are listed in the following sections.

3.2 EQUIPMENT LIST

ROTARY MODE CORE SAMPLE TRUCKS

RMCST # 3 (HO-68K-4600)

RMCST # 3 Data Logger (LMHC 1997)

Angus Electronics model VGR-16

VideoGraphic Recorder™ (ANGUS 1994)

Stock # S23405-2

RMCST # 4 (HO-68K-4647)

RMCST # 4 Data Logger (LMHC 1997)

Angus Electronics model VGR-16

VideoGraphic Recorder™ (ANGUS 1994)

Stock # S23405-2

IBM™ Thinkpad™ Computer

Model # 755C

Property # WC49990

PC DOS Version 6.3, Rev. 0

Windows™ 3.1

VGRNet Rev. 1.2 (VGRNET 1994)

Dell® laptop computer

Model Latitude® CPi D266XT

Property # WC65877

Windows™ 98

VGRNet Rev. 1.2 (VGRNET 1994)

WINAMS V0.11 (WINAMS 1994)

AST Desktop computer

Model Bravo MS 5200M

Property # WC63469

Windows™ 95 (run in MS-DOS mode)

VGRNet Rev. 1.2 (VGRNET 1994)

ROTARY MODE CORE SAMPLING EXHAUSTERS

EXHAUSTER B (296-P33)

Eberline AMS-4 (LMHC 1998b)

Beta Particle CAM (AMS4 1994)

Eurotherm/Chessell

Data Logger (CHESSEL 1994)

Model # 4250G

EXHAUSTER C (296-P34)

Eberline AMS-4 (LMHC 1998a)

Beta Particle CAM (AMS4 1994)

Eurotherm/Chessell

Data Logger (CHESSEL 1994)

Model # 4250G

Toshiba Laptop Computer
 Model # T4700CT
 Property # WC51504
 MS-DOS™ version 6.22
 Windows 3.1™
 WINAMS V0.11 (WINAMS 1994)

Dell® laptop computer
 Model Latitude® CPi D266XT
 Property # WC65874
 Windows 98™
 VGRNet Rev. 1.2 (VGRNET 1994)
 WINAMS V0.11 (WINAMS 1994)

MOBILE CORE SAMPLE X-RAY SYSTEMS (WHC 1995)

HO-64-5979	HO-64-6042
HO-64-6043	HO-64-6044

4.0 TEST DESCRIPTION

Entering the following test cases and then allowing it to run for several minutes tested one piece of equipment, of each type and model.

- September 8, 1999 to September 9, 1999 (tests 9999)
- December 31, 1999 to January 1, 2000 (change of millennium)
- February 28, 2000 to February 29, 2000 (recognition of leap year)
- February 29, 2000 to March 1, 2000 (does not go to February 30 or 31)
- December 31, 2000 to January 1, 2001 (checks for bad leap year calculation)
- February 29, 2001 (should create an error as 2001 is not a leap year)
- December 31, 2000 to January 1, 2001 (shows year 2000 has 366 days)
- Retention of "new" date after equipment power off/on cycle

After a new, future, date and time were entered the unit was de-energized. After several minutes the unit was re-energized and checked to insure that the new date and time settings were retained. The data recorded during testing was processed by VGRNet software and the resulting test data is listed in Appendix C Test Data. The recorded data was processed on a computer that was configured for each of the previously listed test case dates prior to processing the test data. This insured that the VGRNet software had no Y2K problems and can process Y2K data as well. The recorded data from a 3.5" floppy disk and the magnetic tape cartridge was processed during this test to insure both types of media have no Y2K problems.

Configuring the computer to the test cases previously listed and then running the software tested the software packages.

5.0 TEST RESULTS

5.1 ROTARY MODE CORE SAMPLE TRUCKS

The only piece of equipment on RMCST 3 and 4 that is "aware" of the date and time of day is the Angus Electronics VGR™ 16 data logger listed in Section 3.2 EQUIPMENT LIST. The data logger passed all Y2K compliance tests and is fully Y2K compliant. The following table details the testing performed. Also, the manufacturer issued a statement of compliance that is included

in Appendix B MANUFACTURER COMPLIANCE STATEMENT. The data logger displays a two-digit year during operation to conserve display space but records year information in a four-digit format. The data recorded during testing is listed in Appendix C TEST DATA. The test data was processed using the Angus Electronics VGRNET software package. The testing performed on the VGRNET software is detailed in Section 5.4 LAPTOP COMPUTERS & SOFTWARE.

VGR 16 TEST DESCRIPTION	RESULT	INITIALS/DATE
September 8, 1999 to September 9, 1999 (tests 9999)	PASS	JCA/7-7-98
December 31, 1999 to January 1, 2000 (change of millennium)	PASS	JCA/7-7-98
February 28, 2000 to February 29, 2000 (recognition of leap year)	PASS	JCA/7-7-98
February 29, 2000 to March 1, 2000	PASS	JCA/7-7-98
December 31, 2000 to January 1, 2001 (bad leap year calc)	PASS	JCA/7-7-98
February 29, 2001 (should error as 2001 is not a leap year)	PASS	JCA/7-7-98
December 31, 2000 to January 1, 2001 (year 2000 has 366 days)	PASS	JCA/7-7-98
Retention of "new" date after equipment power off/on cycle	PASS	JCA/7-7-98

5.2 RMCS EXHAUSTERS

The Exhausters (B & C) each have two devices that are date "aware". The Eurotherm/Chessell data logger and Eberline AMS-4 CAM listed in Section 3.2 EQUIPMENT LIST are time and date "aware". The data logger passed all Y2K compliance tests and is fully Y2K compliant. The following table details the testing performed. The data loggers on the Exhausters record data on paper, not electronically (on disk or memory card). The data logger is configured to print out a status report once every four hours and prints a brief message when an alarm or out of tolerance condition occurs. Attempts were made to contact the manufacturer concerning a Y2K statement of compliance or non-compliance. The manufacturer provided neither.

EUROTHERM/CHELSEL TEST DESCRIPTION	RESULT	INITIALS/DATE
September 8, 1999 to September 9, 1999 (tests 9999)	PASS	JCA/7-9-98
December 31, 1999 to January 1, 2000 (change of millennium)	PASS	JCA/7-9-98
February 28, 2000 to February 29, 2000 (recognition of leap year)	PASS	JCA/7-9-98
February 29, 2000 to March 1, 2000	PASS	JCA/7-9-98
December 31, 2000 to January 1, 2001 (check bad leap year calc)	PASS	JCA/7-9-98
February 29, 2001 (should error as 2001 is not a leap year)	PASS	JCA/7-9-98
December 31, 2000 to January 1, 2001 (year 2000 has 366 days)	PASS	JCA/7-9-98
Retention of "new" date after equipment power off/on cycle	PASS	JCA/7-9-98

The Beta Particle CAM was also tested and found to be Y2K compliant. The following table details the testing that was performed.

EBERLINE AMS-4 TEST DESCRIPTION	RESULT	INITIALS/DATE
September 8, 1999 to September 9, 1999 (tests 9999)	PASS	JCA/7-9-98
December 31, 1999 to January 1, 2000 (change of millennium)	PASS	JCA/7-9-98
February 28, 2000 to February 29, 2000 (recognition of leap year)	PASS	JCA/7-9-98
February 29, 2000 to March 1, 2000	PASS	JCA/7-9-98
December 31, 2000 to January 1, 2001 (check bad leap year calc)	PASS	JCA/7-9-98
February 29, 2001 (should error as 2001 is not a leap year)	PASS	JCA/7-9-98
December 31, 2000 to January 1, 2001 (year 2000 has 366 days)	PASS	JCA/7-9-98
Retention of "new" date after equipment power off/on cycle	PASS	JCA/7-9-98

5.3 MOBILE CORE SAMPLING X-RAY SYSTEM

The x-ray systems listed in Section 3.2 EQUIPMENT LIST have two pieces of equipment on them that are date/time "aware". The videocassette recorder (VCR) and image processor both possess date and time information. The x-ray images that are recorded, and or printed, have the date manually typed in along with other information (tank/riser ID, segment #, etc.) about the sample being examined. The date/time functions on both pieces of equipment are not used on any of the x-ray systems. Therefore, no Y2K compliance testing, or remedial action, was needed or performed on the x-ray systems.

5.4 LAPTOP COMPUTERS & SOFTWARE

The IBM laptop computer listed in Section 3.2 EQUIPMENT LIST was tested for Y2K compliance and failed. The details of the test are listed in the following table. This computer was used to support data acquisition in the field from RMCST # 3 & 4.

IBM™ THINKPAD™ TEST DESCRIPTION	RESULT	INITIALS/DATE
September 8, 1999 to September 9, 1999 (tests 9999)	PASS	JCA/5-7-98
December 31, 1999 to January 1, 2000 (change of millennium)	FAIL	JCA/5-7-98
February 28, 2000 to February 29, 2000 (recognition of leap year)	FAIL	JCA/5-7-98
February 29, 2000 to March 1, 2000	FAIL	JCA/5-7-98
December 31, 2000 to January 1, 2001 (bad leap year calc)	FAIL	JCA/5-7-98
February 29, 2001 (should error as 2001 is not a leap year)	FAIL	JCA/5-7-98
December 31, 2000 to January 1, 2001 (year 2000 has 366 days)	FAIL	JCA/5-7-98
Retention of "new" date after equipment power off/on cycle	FAIL	JCA/5-7-98

The Toshiba laptop computer listed in Section 3.2 EQUIPMENT LIST was tested for Y2K compliance and failed. The details of the test are listed in the following table. This computer was used to support the calibration of the CAMs on RMCS Exhausters B and C.

TOSHIBA LAPTOP TEST DESCRIPTION	RESULT	INITIALS/DATE
September 8, 1999 to September 9, 1999 (tests 9999)	PASS	JCA/5-7-98
December 31, 1999 to January 1, 2000 (change of millennium)	FAIL	JCA/5-7-98
February 28, 2000 to February 29, 2000 (recognition of leap year)	FAIL	JCA/5-7-98
February 29, 2000 to March 1, 2000	FAIL	JCA/5-7-98
December 31, 2000 to January 1, 2001 (bad leap year calc)	FAIL	JCA/5-7-98
February 29, 2001 (should error as 2001 is not a leap year)	FAIL	JCA/5-7-98
December 31, 2000 to January 1, 2001 (year 2000 has 366 days)	FAIL	JCA/5-7-98
Retention of "new" date after equipment power off/on cycle	FAIL	JCA/5-7-98

The VGRNET software package was tested for Y2K compliance on the AST desktop computer listed in Section 3.2 EQUIPMENT LIST. The computer was run in a stand-alone MS-DOS mode and did not interface with HLAN. The details of the test are listed in the following table. The VGR 16 uses both 3.5" floppy disk and magnetic tape to record data. The tests were conducted on both types of media. The VGRNET software package passed all Y2K compliance tests.

VGRNET TEST DESCRIPTION	DISK	TAPE	INITIALS/DATE
September 8, 1999 to September 9, 1999 (tests 9999)	PASS	PASS	JCA/6-9-98
December 31, 1999 to January 1, 2000 (change of millennium)	PASS	PASS	JCA/6-9-98
February 28, 2000 to February 29, 2000 (recognition of leap year)	PASS	PASS	JCA/6-9-98
February 29, 2000 to March 1, 2000	PASS	PASS	JCA/6-9-98
December 31, 2000 to January 1, 2001 (bad leap year calc)	PASS	PASS	JCA/6-9-98
February 29, 2001 (should error as 2001 is not a leap year)	PASS	PASS	JCA/6-9-98
December 31, 2000 to January 1, 2001 (year 2000 has 366 days)	PASS	PASS	JCA/6-9-98
Retention of "new" date after equipment power off/on cycle	PASS	PASS	JCA/6-9-98

The WINAMS software package was tested for Y2K compliance on the AST desktop computer listed in Section 3.2 EQUIPMENT LIST. The computer was run in a stand-alone MS-DOS mode and did not interface with HLAN. The details of the test are listed in the following table. The WINAMS software package passed all Y2K compliance tests.

WINAMS TEST DESCRIPTION	RESULT	INITIALS/DATE
September 8, 1999 to September 9, 1999 (tests 9999)	PASS	JCA/6-10-98
December 31, 1999 to January 1, 2000 (change of millennium)	PASS	JCA/6-10-98
February 28, 2000 to February 29, 2000 (recognition of leap year)	PASS	JCA/6-10-98
February 29, 2000 to March 1, 2000	PASS	JCA/6-10-98
December 31, 2000 to January 1, 2001 (bad leap year calc)	PASS	JCA/6-10-98
February 29, 2001 (should error as 2001 is not a leap year)	PASS	JCA/6-10-98
December 31, 2000 to January 1, 2001 (year 2000 has 366 days)	PASS	JCA/6-10-98
Retention of "new" date after equipment power off/on cycle	PASS	JCA/6-10-98

6.0 REMEDIATION

Due to the Y2K non-compliance of the IBM™ ThinkPad™ and Toshiba laptop computers, replacements were required. The Dell® Latitude® laptop computers listed in Section 3.2 EQUIPMENT LIST were purchased to replace the non-compliant laptop computers. Because the two Dell® Latitude® laptop computers are identical only one was tested for Y2K compliance. The following table details the testing performed. The computer passed all tests.

DELL® LATITUDE® TEST DESCRIPTION	RESULT	INITIALS/DATE
September 8, 1999 to September 9, 1999 (tests 9999)	PASS	JCA/2-16-99
December 31, 1999 to January 1, 2000 (change of millennium)	PASS	JCA/2-16-99
February 28, 2000 to February 29, 2000 (recognition of leap year)	PASS	JCA/2-16-99
February 29, 2000 to March 1, 2000	PASS	JCA/2-16-99
December 31, 2000 to January 1, 2001 (bad leap year calc)	PASS	JCA/2-16-99
February 29, 2001 (should error as 2001 is not a leap year)	PASS	JCA/2-16-99
December 31, 2000 to January 1, 2001 (year 2000 has 366 days)	PASS	JCA/2-16-99
Retention of "new" date after equipment power off/on cycle	PASS	JCA/2-16-99

The VGRNet software was transferred to a Dell® Latitude® laptop computer (WC65877) and tested again for compliance. The following table details the testing. This configuration passed all Y2K testing.

VGRNET & DELL® LATITUDE® TEST DESCRIPTION	RESULT	INITIALS/DATE
September 8, 1999 to September 9, 1999 (tests 9999)	PASS	JCA/2-26-99
December 31, 1999 to January 1, 2000 (change of millennium)	PASS	JCA/2-26-99
February 28, 2000 to February 29, 2000 (recognition of leap year)	PASS	JCA/2-26-99
February 29, 2000 to March 1, 2000	PASS	JCA/2-26-99
December 31, 2000 to January 1, 2001 (bad leap year calc)	PASS	JCA/2-26-99
February 29, 2001 (should error as 2001 is not a leap year)	PASS	JCA/2-26-99
December 31, 2000 to January 1, 2001 (year 2000 has 366 days)	PASS	JCA/2-26-99
Retention of "new" date after equipment power off/on cycle	PASS	JCA/2-26-99

The WINAMS software was transferred to a Dell® Latitude® laptop computer (WC65874) and tested again for compliance. The following table details the testing. This configuration passed all Y2K testing.

VGRNET & DELL® LATITUDE® TEST DESCRIPTION	RESULT	INITIALS/DATE
September 8, 1999 to September 9, 1999 (tests 9999)	PASS	JCA/2-25-99
December 31, 1999 to January 1, 2000 (change of millennium)	PASS	JCA/2-25-99
February 28, 2000 to February 29, 2000 (recognition of leap year)	PASS	JCA/2-25-99
February 29, 2000 to March 1, 2000	PASS	JCA/2-25-99
December 31, 2000 to January 1, 2001 (bad leap year calc)	PASS	JCA/2-25-99
February 29, 2001 (should error as 2001 is not a leap year)	PASS	JCA/2-25-99
December 31, 2000 to January 1, 2001 (year 2000 has 366 days)	PASS	JCA/2-25-99
Retention of "new" date after equipment power off/on cycle	PASS	JCA/2-25-99

APPENDIX A - REFERENCES

WHC 1995, H-2-79076, *MOBILE CORE SAMPLE X-RAY SYSTEMS*, Westinghouse Hanford

LMHC 1997, H-2-690068, *Instrument Enclosure Assembly (RMCST 3 & 4)*, Lockheed Martin

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ANGUS 1994, M902A010, *VideoGraphic Recorder TM Operating Instructions*, Angus

VGRNET 1994, *VGRNet Software, Revision 1.2*, Angus Electronics Company, Speedway,

CHESELL 1994, HA245000, *Model 4200/4250M Chart Recorder Installation and Operation*

APPENDIX B – MANUFACTURER COMPLIANCE STATEMENTS

ANGUS

A Division of Westronics Inc.

Year 2000 compatibility (Y2K)

10/16/97

Please consider this document as our official statement on Y2K compatibility. You may fax or copy this document and file it in your records.

Y2K date transition (transition from 31 Dec 1999 to 1 Jan 2000) is successful in the VGR product operation. The VGR is an Intel microprocessor based product that uses an IEEE date format that uses four (4) digits for the date. Therefore the transition from 1999 to 2000 will not be a problem for the VGR.

Y2K leap year (transition from 28 Feb 2000 to 29 Feb 2000) will be a successfully transition. The firmware inside the VGR has been developed with high level development tools that handle this issue.

Brian Mattox, Sr. Application Engineer
Fax 1-800-899-5160

TE Thermo Electron

46224

APPENDIX C - TEST DATA

Wed Sep 08 23:59:29 1999 0.0000 +0.0000 +0.03113 +23.067 -.37982 +.06485 +.05558 +.00700 +16.790 +129.95 +.77816
Wed Sep 08 23:59:30 1999 0.0000 -.02779 +.03557 +23.067 -.37982 +.05558 +.13896 +.00700 +16.683 +130.01 +.72258
Wed Sep 08 23:59:31 1999 0.0000 0.0000 +0.03113 +23.067 -.37055 +.02779 +.16675 +.00700 +16.897 +129.90 +.83375
Wed Sep 08 23:59:32 1999 -.04595 -.05558 +.02223 +22.974 -.37982 +.06485 +.08337 0.0000 +16.683 +129.90 +.61141
Wed Sep 08 23:59:34 1999 -.02297 -.05558 +.02668 +22.974 -.38908 +.01853 +.13896 0.0000 +16.683 +129.84 +.72258
Wed Sep 08 23:59:35 1999 -.02297 0.0000 +.02223 +23.067 -.37982 +.04632 +.08337 0.0000 +16.790 +129.84 +.77816
Wed Sep 08 23:59:36 1999 -.02297 -.05558 +.02668 +23.067 -.37982 +.01853 +.08337 0.0000 +16.790 +129.90 +.55583
Wed Sep 08 23:59:38 1999 -.02297 -.05558 +.02223 +22.974 -.37982 +.01853 +.16675 0.0000 +16.790 +129.84 +.72258
Wed Sep 08 23:59:39 1999 -.02297 0.0000 +.02223 +22.974 -.39834 +.07411 +.08337 0.0000 +16.683 +129.84 +.77816
Wed Sep 08 23:59:40 1999 -.02297 -.08337 +.02668 +22.974 -.38908 +.01853 +.13896 0.0000 +16.683 +129.84 +.61141
Wed Sep 08 23:59:42 1999 -.02297 0.0000 +.02223 +23.067 -.39834 +.04632 +.08337 -.00700 +16.790 +129.73 +.77816
Wed Sep 08 23:59:43 1999 -.04595 -.02779 +.02223 +23.067 -.38908 +.08337 +.05558 0.0000 +16.576 +129.84 +.72258
Wed Sep 08 23:59:44 1999 -.04595 -.05558 +.02668 +22.974 -.37982 +.02779 +.08337 0.0000 +16.576 +129.95 +.61141
Wed Sep 08 23:59:45 1999 -.04595 0.0000 +.02223 +23.067 -.38908 +.01853 +.16675 0.0000 +16.790 +129.73 +.72258
Wed Sep 08 23:59:46 1999 -.02297 0.0000 +.01334 +23.067 -.39834 +.07411 +.05558 0.0000 +16.683 +129.84 +.77816
Wed Sep 08 23:59:47 1999 -.04595 -.05558 +.02668 +22.974 -.38908 +.04632 +.05558 +.00700 +16.469 +129.90 +.61141
Wed Sep 08 23:59:48 1999 -.02297 0.0000 +.01334 +23.067 -.37982 +.05558 +.08337 0.0000 +16.576 +129.73 +.77816
Wed Sep 08 23:59:50 1999 -.02297 -.05558 +.02223 +22.974 -.38908 +.07411 +.02779 0.0000 +16.576 +129.95 +.61141
Wed Sep 08 23:59:51 1999 -.02297 +.02779 +.01334 +23.067 -.38908 +.04632 +.08337 0.0000 +16.790 +129.73 +.77816
Wed Sep 08 23:59:53 1999 -.04595 -.05558 +.02223 +23.067 -.38908 +.07411 +.05558 0.0000 +16.576 +129.84 +.72258
Wed Sep 08 23:59:54 1999 -.02297 -.05558 +.02668 +23.067 -.37982 +.02779 +.08337 0.0000 +16.469 +129.90 +.72258
Wed Sep 08 23:59:55 1999 -.04595 0.0000 +.02223 +23.067 -.37982 +.07411 +.05558 0.0000 +16.683 +129.84 +.72258
Wed Sep 08 23:59:57 1999 -.04595 -.05558 +.02223 +23.067 -.37982 +.02779 +.08337 0.0000 +16.683 +129.84 +.72258
Wed Sep 08 23:59:59 1999 -.02297 0.0000 +.02223 +23.067 -.38908 +.02779 +.08337 -.00700 +16.683 +129.73 +.83375
Thr Sep 09 00:00:00 1999 -.04595 -.02779 +.02223 +23.067 -.38908 +.08337 +.05558 +.00700 +16.469 +129.90 +.72258
Thr Sep 09 00:00:02 1999 -.02297 -.05558 +.02223 +23.067 -.38908 +.00926 +.13896 0.0000 +16.790 +129.73 +.77816
Thr Sep 09 00:00:03 1999 -.02297 0.0000 +.02223 +23.067 -.37982 +.07411 +.08337 0.0000 +16.576 +129.90 +.83375
Thr Sep 09 00:00:04 1999 -.02297 -.05558 +.02223 +22.974 -.37982 +.04632 +.02779 0.0000 +16.469 +129.90 +.61141
Thr Sep 09 00:00:05 1999 -.04595 -.08337 +.01334 +22.882 -.39834 +.02779 0.0000 -.00700 +16.469 +129.84 +.61141
Thr Sep 09 00:00:07 1999 -.04595 -.05558 +.01334 +22.974 -.39834 +.05558 0.0000 -.00700 +16.469 +129.84 +.61141
Thr Sep 09 00:00:08 1999 -.04595 -.08337 +.01334 +22.974 -.38908 +.00926 +.05558 -.00700 +16.469 +129.90 +.55583
Thr Sep 09 00:00:09 1999 -.06892 -.05558 +.02223 +22.974 -.38908 +.00926 +.08337 -.00700 +16.683 +129.73 +.72258
Thr Sep 09 00:00:10 1999 -.04595 -.13896 +.01334 +22.974 -.39834 +.02779 +.05558 -.00700 +16.469 +129.95 +.61141

Thr Sep 09 00:00:12 1999 -.06892 -.08337 +.01334 +22.974 -.38908 +.00926 +.08337 -.00700 +16.576 +129.79 +.72258
Thr Sep 09 00:00:13 1999 -.02297 -.02779 +.01334 +23.067 -.38908 +.08337 +.02779 0.0000 +16.576 +129.90 +.77816
Thr Sep 09 00:00:15 1999 -.04595 -.02779 +.02223 +23.067 -.37982 +.02779 +.08337 0.0000 +16.576 +129.90 +.72258
Thr Sep 09 00:00:16 1999 -.02297 -.02779 +.01334 +23.067 -.38908 +.07411 +.02779 0.0000 +16.576 +129.90 +.77816
Thr Sep 09 00:00:18 1999 -.04595 -.05558 +.01334 +23.067 -.37982 +.06485 +.08337 0.0000 +16.469 +129.90 +.72258
Thr Sep 09 00:00:19 1999 -.02297 0.0000 +.01334 +23.067 -.37982 +.07411 +.08337 0.0000 +16.576 +129.84 +.83375
Thr Sep 09 00:00:21 1999 -.04595 -.08337 +.02668 +22.974 -.38908 +.02779 +.05558 -.00700 +16.255 +129.84 +.72258
Thr Sep 09 00:00:23 1999 -.04595 -.05558 +.02223 +22.974 -.39834 0.0000 +.13896 0.0000 +16.576 +129.79 +.77816
Thr Sep 09 00:00:24 1999 -.06892 -.08337 +.02668 +22.974 -.38908 +.02779 +.05558 -.00700 +16.255 +129.90 +.61141
Thr Sep 09 00:00:26 1999 -.06892 -.05558 +.02223 +22.974 -.38908 +.00926 +.13896 -.00700 +16.576 +129.79 +.72258
Thr Sep 09 00:00:27 1999 -.04595 -.02779 +.02223 +22.974 -.39834 +.02779 +.08337 0.0000 +16.469 +129.73 +.77816
Thr Sep 09 00:00:28 1999 -.04595 -.08337 +.02668 +23.067 -.39834 +.06485 0.0000 -.00700 +16.255 +129.84 +.72258
Thr Sep 09 00:00:29 1999 -.06892 -.13896 +.02223 +22.974 -.39834 +.00926 0.0000 -.01399 +16.148 +129.90 +.55583
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Thr Sep 09 00:00:34 1999 -.06892 -.13896 +.01334 +22.882 -.39834 -.00926 +.08337 -.01399 +16.469 +129.68 +.72258
Thr Sep 09 00:00:36 1999 -.06892 -.08337 +.01334 +22.882 -.40761 +.00926 +.08337 -.02099 +16.576 +129.79 +.61141
Thr Sep 09 00:00:37 1999 -.04595 -.05558 +.01334 +22.974 -.38908 +.02779 +.02779 -.00700 +16.469 +129.84 +.61141
Thr Sep 09 00:00:39 1999 -.04595 -.02779 +.02223 +22.974 -.39834 0.0000 +.13896 -.00700 +16.576 +129.79 +.77816
Thr Sep 09 00:00:40 1999 -.04595 -.08337 +.02223 +23.067 -.38908 +.02779 +.08337 0.0000 +16.255 +129.84 +.55583
Thr Sep 09 00:00:42 1999 -.04595 -.08337 +.02223 +23.067 -.38908 +.00926 +.13896 -.00700 +16.576 +129.79 +.72258
Thr Sep 09 00:00:43 1999 -.04595 -.08337 +.02223 +22.974 -.38908 +.02779 +.05558 0.0000 +16.255 +129.90 +.72258
Fri Dec 31 12:59:14 1999 -.04595 -.02779 +.02668 +23.067 -.37982 +.04632 +.08337 +.00700 +16.148 +129.95 +.83375
Fri Dec 31 12:59:15 1999 -.04595 -.08337 +.02668 +22.974 -.37982 +.02779 +.13896 +.00700 +16.255 +129.90 +.83375
Fri Dec 31 12:59:17 1999 -.04595 -.05558 +.02668 +23.067 -.38908 +.02779 +.08337 +.00700 +16.255 +129.90 +.83375
Fri Dec 31 12:59:18 1999 -.02297 0.0000 +.02668 +23.067 -.37982 +.01853 +.16675 0.0000 +16.576 +129.84 +.94491
Fri Dec 31 12:59:19 1999 -.04595 0.0000 +.02223 +23.067 -.37982 +.08337 +.05558 0.0000 +16.469 +129.90 +.94491
Fri Dec 31 12:59:20 1999 -.06892 -.02779 +.01334 +23.067 -.38908 +.04632 +.05558 -.00700 +16.148 +129.79 +.88933
Fri Dec 31 12:59:22 1999 -.04595 0.0000 +.01334 +22.974 -.39834 +.04632 +.05558 -.00700 +16.255 +129.79 +.88933
Fri Dec 31 12:59:23 1999 -.04595 -.05558 +.02223 +22.974 -.38908 +.00926 +.16675 -.00700 +16.255 +129.79 +.83375
Fri Dec 31 12:59:24 1999 -.04595 -.05558 +.02223 +22.974 -.38908 +.00926 +.05558 -.00700 +16.255 +129.79 +.83375
Fri Dec 31 12:59:25 1999 -.06892 -.05558 +.01334 +22.974 -.39834 +.06485 -.02779 0.0000 +16.041 +129.90 +.83375
Fri Dec 31 12:59:27 1999 -.06892 -.08337 +.01334 +22.974 -.38908 +.01853 +.05558 0.0000 +16.255 +129.84 +.77816
Fri Dec 31 12:59:28 1999 -.04595 -.05558 +.02223 +23.067 -.38908 +.06485 +.05558 0.0000 +16.255 +129.84 +.88933

Fri Dec 31 12:59:30 1999 -.04595 -.05558 +.02223 +23.067 -.38908 +.02779 +.08337 0.0000 +16.255 +129.90 +.83375
Fri Dec 31 12:59:31 1999 -.04595 -.02779 +.02223 +23.067 -.38908 +.06485 +.05558 0.0000 +16.255 +129.84 +.88933
Fri Dec 31 12:59:33 1999 -.04595 -.05558 +.02223 +23.067 -.38908 +.04632 +.08337 0.0000 +16.255 +129.90 +.83375
Fri Dec 31 12:59:34 1999 -.04595 -.02779 +.02223 +23.067 -.37982 +.01853 +.13896 -.00700 +16.255 +129.84 +.94491
Fri Dec 31 12:59:35 1999 -.04595 -.05558 +.02223 +23.067 -.38908 +.04632 +.05558 0.0000 +16.255 +129.90 +.83375
Fri Dec 31 12:59:37 1999 -.02297 +.02779 +.02223 +23.160 -.37055 +.05558 +.16675 +.00700 +16.576 +129.84 +1.0005
Fri Dec 31 12:59:39 1999 0.0000 0.0000 +.02223 +23.252 -.37055 +.05558 +.08337 +.01399 +16.255 +130.01 +.94491
Fri Dec 31 12:59:40 1999 0.0000 +.02779 +.02223 +23.160 -.36129 +.05558 +.13896 +.01399 +16.576 +129.90 +1.0005
Fri Dec 31 12:59:42 1999 0.0000 0.0000 +.02223 +23.160 -.37982 +.08337 +.05558 +.01399 +16.255 +129.95 +.88933
Fri Dec 31 12:59:43 1999 0.0000 -.05558 +.02668 +23.252 -.37055 +.02779 +.19454 +.00700 +16.576 +129.95 +.94491
Fri Dec 31 12:59:44 1999 -.02297 0.0000 +.02668 +23.160 -.37982 +.09264 +.05558 +.01399 +16.255 +129.95 +.94491
Fri Dec 31 12:59:46 1999 -.06892 -.02779 +.01334 +22.974 -.39834 +.02779 +.13896 -.00700 +16.255 +129.79 +.94491
Fri Dec 31 12:59:48 1999 -.06892 -.05558 +.01334 +22.974 -.39834 +.06485 +.02779 -.00700 +16.041 +129.90 +.83375
Fri Dec 31 12:59:49 1999 -.04595 -.05558 +.01334 +22.974 -.38908 +.00926 +.13896 -.00700 +16.255 +129.79 +.88933
Fri Dec 31 12:59:51 1999 -.06892 -.05558 +.01334 +22.974 -.39834 +.06485 +.02779 -.00700 +16.041 +129.84 +.83375
Fri Dec 31 12:59:52 1999 -.06892 -.08337 +.02223 +23.067 -.38908 +.02779 +.08337 -.00700 +16.148 +129.90 +.83375
Fri Dec 31 12:59:53 1999 -.04595 -.02779 +.01334 +22.974 -.38908 +.00926 +.13896 -.00700 +16.255 +129.73 +.88933
Fri Dec 31 12:59:54 1999 -.04595 0.0000 +.02668 +23.067 -.38908 +.00926 +.16675 0.0000 +16.255 +129.84 +1.0005
Fri Dec 31 12:59:56 1999 -.02297 -.02779 +.02223 +23.067 -.37982 +.02779 +.16675 0.0000 +16.576 +129.84 +.94491
Fri Dec 31 12:59:57 1999 -.02297 +.02779 +.02223 +23.067 -.39834 +.07411 +.05558 0.0000 +16.255 +129.90 +.94491
Fri Dec 31 12:59:58 1999 -.02297 -.05558 +.02668 +23.160 -.38908 +.04632 +.08337 +.00700 +16.148 +129.95 +.83375
Fri Dec 31 12:59:59 1999 -.04595 0.0000 +.02223 +23.067 -.38908 +.07411 +.05558 +.00700 +16.255 +129.84 +.94491
Fri Dec 31 13:00:01 1999 -.02297 -.05558 +.02668 +23.160 -.37982 +.07411 +.05558 +.00700 +16.148 +129.95 +.88933
Fri Dec 31 13:00:02 1999 -.06892 -.05558 +.02223 +22.974 -.38908 +.01853 +.13896 -.00700 +16.148 +129.73 +.88933
Fri Dec 31 13:00:04 1999 -.06892 -.08337 +.02223 +22.974 -.39834 +.04632 +.02779 -.00700 +16.148 +129.84 +.83375
Fri Dec 31 13:00:05 1999 -.06892 -.05558 +.02223 +22.974 -.38908 +.02779 +.08337 -.00700 +16.148 +129.73 +.88933
Fri Dec 31 13:00:07 1999 -.06892 -.05558 +.02223 +22.974 -.38908 +.05558 +.02779 -.00700 +16.041 +129.79 +.88933
Fri Dec 31 13:00:08 1999 -.04595 -.05558 +.02223 +22.974 -.38908 +.01853 +.08337 -.00700 +16.255 +129.79 +.88933
Fri Dec 31 23:59:39 1999 -.02297 -.02779 +.03113 +23.160 -.37982 +.02779 +.13896 +.00700 +16.255 +129.95 +1.0005
Fri Dec 31 23:59:40 1999 -.02297 +.02779 +.03113 +23.160 -.37055 +.04632 +.13896 0.0000 +16.255 +129.90 +1.0561
Fri Dec 31 23:59:41 1999 -.02297 0.0000 +.03113 +23.067 -.37982 +.06485 +.05558 +.00700 +16.148 +129.95 +1.0005
Fri Dec 31 23:59:42 1999 -.04595 -.05558 +.02668 +23.067 -.38908 +.01853 +.05558 0.0000 +16.041 +129.84 +.94491
Fri Dec 31 23:59:44 1999 -.04595 -.02779 +.02223 +23.067 -.37982 +.06485 +.08337 0.0000 +16.041 +129.90 +1.0005
Fri Dec 31 23:59:45 1999 -.04595 -.05558 +.02668 +23.067 -.38908 +.02779 +.05558 0.0000 +16.041 +129.90 +.94491
Fri Dec 31 23:59:46 1999 -.04595 -.02779 +.02223 +23.067 -.38908 +.02779 +.16675 0.0000 +16.148 +129.84 +1.0005

Fri Dec 31 23:59:47 1999 -.04595 -.02779 +.02668 +23.067 -.38908 +.02779 +.13896 0.0000 +16.148 +129.84 +1.0005
Fri Dec 31 23:59:49 1999 -.04595 -.05558 +.02223 +23.067 -.38908 +.02779 +.08337 0.0000 +16.041 +129.84 +.94491
Fri Dec 31 23:59:50 1999 -.04595 -.05558 +.02223 +23.067 -.38908 +.05558 +.02779 0.0000 +16.041 +129.84 +1.0005
Fri Dec 31 23:59:52 1999 -.04595 -.02779 +.02223 +23.067 -.37982 +.01853 +.08337 0.0000 +16.041 +129.84 +.94491
Fri Dec 31 23:59:53 1999 -.04595 -.02779 +.02223 +23.067 -.38908 +.04632 +.13896 0.0000 +16.148 +129.84 +1.0561
Fri Dec 31 23:59:54 1999 -.04595 -.02779 +.02223 +23.067 -.38908 +.06485 +.05558 0.0000 +16.041 +129.84 +1.0005
Fri Dec 31 23:59:55 1999 -.04595 -.05558 +.02668 +23.067 -.37982 +.02779 +.08337 0.0000 +16.041 +129.90 +.94491
Fri Dec 31 23:59:56 1999 -.04595 -.02779 +.02223 +23.067 -.38908 +.01853 +.13896 0.0000 +16.148 +129.84 +1.0005
Fri Dec 31 23:59:57 1999 -.04595 0.0000 +.02223 +23.067 -.38908 +.02779 +.13896 0.0000 +16.148 +129.84 +1.0005
Fri Dec 31 23:59:59 1999 -.04595 -.02779 +.02223 +23.067 -.38908 +.06485 +.08337 0.0000 +16.041 +129.90 +1.0561
Sat Jan 01 00:00:01 2000 -.04595 -.05558 +.02223 +23.067 -.37982 +.02779 +.08337 0.0000 +15.934 +129.84 +.94491
Sat Jan 01 00:00:02 2000 -.04595 -.02779 +.02668 +23.160 -.37982 +.04632 +.08337 0.0000 +16.041 +129.90 +1.0005
Sat Jan 01 00:00:04 2000 -.04595 -.05558 +.02223 +23.067 -.37982 +.02779 +.05558 0.0000 +15.934 +129.90 +.94491
Sat Jan 01 00:00:05 2000 -.04595 -.02779 +.02223 +23.067 -.38908 +.01853 +.05558 -.00700 +16.148 +129.84 +1.0005
Sat Jan 01 00:00:06 2000 -.04595 -.05558 +.02223 +23.067 -.38908 +.02779 +.13896 0.0000 +16.148 +129.84 +1.0561
Sat Jan 01 00:00:08 2000 -.04595 0.0000 +.02223 +23.067 -.37982 +.05558 +.08337 0.0000 +16.041 +129.84 +1.0561
Sat Jan 01 00:00:10 2000 -.04595 -.02779 +.02223 +23.067 -.37982 +.04632 +.08337 0.0000 +15.934 +129.90 +1.0005
Sat Jan 01 00:00:11 2000 -.04595 0.0000 +.02223 +23.067 -.38908 +.05558 +.08337 0.0000 +16.041 +129.84 +1.0561
Sat Jan 01 00:00:13 2000 -.04595 -.05558 +.02223 +23.067 -.37982 +.02779 +.05558 0.0000 +15.934 +129.90 +.94491
Sat Jan 01 00:00:14 2000 -.04595 0.0000 +.02223 +23.160 -.37982 +.02779 +.13896 0.0000 +16.041 +129.84 +1.0005
Sat Jan 01 00:00:15 2000 -.04595 0.0000 +.02223 +23.067 -.38908 +.04632 +.08337 0.0000 +16.041 +129.79 +1.0005
Sat Jan 01 00:00:16 2000 -.04595 -.02779 +.02223 +23.067 -.37982 +.02779 +.05558 0.0000 +15.934 +129.90 +1.0005
Sat Jan 01 00:00:18 2000 -.04595 0.0000 +.02223 +23.067 -.38908 +.04632 +.08337 0.0000 +16.041 +129.84 +1.0561
Sat Jan 01 00:00:19 2000 -.04595 -.02779 +.02223 +23.067 -.37982 +.06485 +.05558 0.0000 +15.934 +129.90 +1.0005
Sat Jan 01 00:00:20 2000 -.04595 -.02779 +.02223 +23.067 -.37982 +.02779 +.08337 0.0000 +16.041 +129.84 +1.0005
Sat Jan 01 00:00:21 2000 -.04595 -.05558 +.02668 +23.067 -.37982 +.01853 +.08337 0.0000 +16.041 +129.90 +1.0561
Sat Jan 01 00:00:23 2000 -.04595 -.05558 +.02668 +23.160 -.37982 +.02779 +.08337 0.0000 +16.041 +129.84 +1.0005
Sat Jan 01 00:00:24 2000 -.06892 -.02779 +.02223 +22.974 -.38908 +.06485 +.02779 -.00700 +15.934 +129.84 +1.0005
Sat Jan 01 00:00:26 2000 -.06892 -.05558 +.02223 +23.067 -.39834 +.02779 +.05558 -.00700 +15.827 +129.84 +.94491
Sat Jan 01 00:00:27 2000 -.04595 -.05558 +.02223 +22.974 -.38908 +.00926 +.16675 -.00700 +15.934 +129.79 +1.0005
Sat Jan 01 00:00:28 2000 -.04595 -.02779 +.02223 +22.974 -.39834 +.04632 +.05558 -.00700 +15.934 +129.73 +.94491
Sat Jan 01 00:00:29 2000 -.06892 -.05558 +.02223 +23.067 -.39834 +.04632 +.02779 0.0000 +15.827 +129.84 +1.0005
Sat Jan 01 00:00:30 2000 -.06892 -.05558 +.02223 +22.974 -.38908 +.01853 +.02779 -.00700 +15.827 +129.84 +.94491
Sat Jan 01 00:00:32 2000 -.04595 -.05558 +.02223 +23.067 -.37982 +.04632 +.08337 0.0000 +15.934 +129.90 +.94491
Sat Jan 01 00:00:34 2000 -.04595 -.02779 +.02223 +23.067 -.37982 +.01853 +.08337 -.00700 +16.041 +129.84 +1.0561

Sat Jan 01 00:00:35 2000 -.04595 0.0000 +.02223 +23.067 -.37982 +.06485 +.08337 0.0000 +16.041 +129.84 +1.0561
Sat Jan 01 00:00:36 2000 -.04595 -.05558 +.02223 +23.160 -.37982 +.02779 +.05558 0.0000 +15.934 +129.84 +1.0561
Sat Jan 01 00:00:37 2000 -.04595 -.02779 +.02223 +23.067 -.37982 +.02779 +.08337 0.0000 +15.934 +129.84 +1.0561
Sat Jan 01 00:00:38 2000 -.04595 0.0000 +.02223 +23.067 -.38908 +.02779 +.08337 0.0000 +16.041 +129.84 +1.1117
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Sat Jan 01 00:00:40 2000 -.06892 -.05558 +.01334 +23.067 -.39834 +.01853 +.05558 -.00700 +15.827 +129.84 +.94491
Sat Jan 01 00:00:42 2000 -.06892 -.05558 +.01334 +22.974 -.38908 +.04632 +.02779 -.00700 +15.827 +129.79 +.94491
Sat Jan 01 00:00:43 2000 -.06892 -.05558 +.01334 +23.067 -.39834 +.05558 +.02779 -.00700 +15.827 +129.84 +.94491
Sat Jan 01 00:00:44 2000 -.06892 -.08337 +.02223 +22.974 -.37982 +.01853 +.05558 -.00700 +15.827 +129.79 +.88933
Sat Jan 01 00:00:45 2000 -.04595 -.05558 +.01334 +22.974 -.38908 +.01853 +.08337 -.00700 +15.827 +129.79 +1.0005
Sat Jan 01 00:00:47 2000 -.06892 -.08337 +.02223 +23.067 -.39834 +.01853 +.02779 -.00700 +15.720 +129.84 +1.0005
Mon Feb 28 23:59:22 2000 -.04595 -.02779 +.02668 +23.160 -.37982 +.04632 +.08337 0.0000 +15.827 +129.90 +1.0561
Mon Feb 28 23:59:24 2000 -.04595 0.0000 +.02223 +23.067 -.37982 +.04632 +.13896 0.0000 +15.934 +129.84 +1.2228
Mon Feb 28 23:59:26 2000 -.04595 -.02779 +.02223 +23.067 -.37982 +.06485 +.05558 0.0000 +15.827 +129.90 +1.1117
Mon Feb 28 23:59:27 2000 -.04595 0.0000 +.02223 +23.067 -.38908 +.02779 +.16675 0.0000 +15.934 +129.84 +1.2228
Mon Feb 28 23:59:29 2000 -.04595 -.02779 +.02223 +23.067 -.38908 +.07411 +.05558 0.0000 +15.827 +129.90 +1.1117
Mon Feb 28 23:59:30 2000 -.04595 -.02779 +.02668 +23.067 -.38908 +.04632 +.08337 0.0000 +15.827 +129.90 +1.1117
Mon Feb 28 23:59:31 2000 -.02297 -.02779 +.02223 +23.067 -.37982 +.02779 +.08337 0.0000 +15.934 +129.84 +1.2228
Mon Feb 28 23:59:32 2000 -.04595 0.0000 +.02223 +23.067 -.37982 +.01853 +.13896 0.0000 +15.934 +129.84 +1.1117
Mon Feb 28 23:59:34 2000 -.04595 -.02779 +.01334 +23.067 -.37982 +.02779 +.16675 0.0000 +15.827 +129.84 +1.2228
Mon Feb 28 23:59:35 2000 -.04595 0.0000 +.01334 +23.067 -.37982 +.04632 +.08337 0.0000 +15.827 +129.84 +1.1117
Mon Feb 28 23:59:36 2000 -.04595 -.02779 +.01334 +23.160 -.37982 +.07411 +.05558 -.00700 +15.720 +129.84 +1.1117
Mon Feb 28 23:59:37 2000 -.04595 0.0000 +.01334 +23.160 -.37982 +.04632 +.08337 0.0000 +15.934 +129.79 +1.1117
Mon Feb 28 23:59:39 2000 -.04595 -.02779 +.01334 +23.160 -.37055 +.05558 +.02779 0.0000 +15.827 +129.90 +1.1117
Mon Feb 28 23:59:40 2000 -.06892 -.02779 +.01334 +22.974 -.38908 +.01853 +.05558 -.00700 +15.827 +129.79 +1.0561
Mon Feb 28 23:59:42 2000 -.04595 0.0000 +.01334 +22.974 -.38908 +.06485 +.05558 -.00700 +15.720 +129.79 +1.1117
Mon Feb 28 23:59:43 2000 -.04595 -.05558 +.02223 +22.974 -.39834 +.02779 +.08337 -.00700 +15.720 +129.84 +1.0561
Mon Feb 28 23:59:45 2000 -.06892 -.02779 +.01334 +22.974 -.38908 +.02779 +.05558 -.00700 +15.827 +129.79 +1.1117
Mon Feb 28 23:59:46 2000 -.06892 -.05558 +.02223 +23.067 -.37982 +.02779 +.05558 -.00700 +15.720 +129.84 +1.0561
Mon Feb 28 23:59:48 2000 -.06892 -.02779 +.02223 +23.067 -.38908 +.02779 +.05558 -.00700 +15.720 +129.73 +1.1117
Mon Feb 28 23:59:50 2000 -.06892 -.05558 +.02223 +22.974 -.38908 +.04632 +.02779 0.0000 +15.720 +129.84 +1.0561
Mon Feb 28 23:59:51 2000 -.04595 -.02779 +.02223 +23.067 -.38908 +.00926 +.05558 -.00700 +15.720 +129.73 +1.0561
Mon Feb 28 23:59:53 2000 -.06892 -.05558 +.02223 +22.974 -.38908 +.05558 +.02779 -.00700 +15.720 +129.79 +1.0561
Mon Feb 28 23:59:54 2000 -.04595 -.05558 +.02668 +22.974 -.38908 +.02779 +.05558 -.00700 +15.720 +129.90 +1.0561
Mon Feb 28 23:59:55 2000 -.04595 -.05558 +.02668 +23.067 -.38908 +.01853 +.08337 -.00700 +15.720 +129.84 +1.0561

Mon Feb 28 23:59:56 2000 -.04595 -.05558 +.02223 +23.067 -.37982 +.01853 +.08337 -.00700 +15.613 +129.84 +1.0561
Mon Feb 28 23:59:58 2000 -.04595 -.02779 +.02223 +20.936 -.38908 +.01853 +.08337 -.00700 +15.720 +129.79 +1.1117
Mon Feb 28 23:59:59 2000 -.04595 -.05558 +.02223 +22.974 -.39834 +.04632 +.08337 0.0000 +15.720 +129.73 +1.1117
Tue Feb 29 00:00:00 2000 -.04595 -.08337 +.02668 +23.067 -.39834 +.04632 +.02779 -.00700 +15.613 +129.79 +1.0005
Tue Feb 29 00:00:01 2000 -.04595 -.02779 +.02668 +22.974 -.37982 +.04632 +.02779 -.00700 +15.827 +129.73 +1.2228
Tue Feb 29 00:00:03 2000 -.06892 -.08337 +.02223 +23.252 -.38908 +.04632 +.02779 -.00700 +15.613 +129.84 +1.0561
Tue Feb 29 00:00:04 2000 -.06892 -.02779 +.02223 +23.160 -.38908 +.02779 -.00700 +15.720 +129.79 +1.2228
Tue Feb 29 00:00:06 2000 -.04595 -.05558 +.02223 +23.160 -.38908 +.05558 +.02779 0.0000 +15.613 +129.84 +1.0561
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Tue Feb 29 00:00:09 2000 -.06892 -.05558 +.02223 +22.974 -.37982 +.04632 +.02779 0.0000 +15.613 +129.84 +1.0561
Tue Feb 29 00:00:10 2000 -.04595 -.05558 +.02223 +23.160 -.37982 +.00926 +.08337 0.0000 +15.720 +129.79 +1.1117
Tue Feb 29 00:00:12 2000 -.06892 -.08337 +.02223 +23.067 -.38908 +.01853 +.02779 -.00700 +15.613 +129.90 +1.0561
Tue Feb 29 00:00:14 2000 -.06892 -.02779 +.02223 +23.067 -.38908 +.01853 +.13896 -.00700 +15.720 +129.84 +1.2228
Tue Feb 29 00:00:15 2000 -.04595 -.08337 +.02668 +21.399 -.38908 +.01853 +.08337 -.00700 +15.613 +129.84 +1.1117
Tue Feb 29 00:00:17 2000 -.06892 -.02779 +.02223 +23.067 -.38908 +.02779 +.05558 -.00700 +15.827 +129.84 +1.1117
Tue Feb 29 00:00:18 2000 -.06892 -.05558 +.02223 +23.623 -.38908 +.05558 +.02779 0.0000 +15.400 +129.90 +1.1117
Tue Feb 29 00:00:19 2000 -.04595 -.05558 +.02668 +22.974 -.38908 +.01853 +.05558 -.00700 +15.613 +129.84 +1.0561
Tue Feb 29 00:00:20 2000 -.06892 -.05558 +.02223 +24.549 -.38908 +.01853 +.05558 -.00700 +15.613 +129.79 +1.1117
Tue Feb 29 00:00:22 2000 -.04595 -.05558 +.01334 +23.160 -.38908 +.01853 +.08337 -.00700 +15.720 +129.84 +1.1117
Tue Feb 29 00:00:23 2000 -.04595 -.02779 +.01334 +23.160 -.38908 +.01853 +.05558 -.00700 +15.720 +129.79 +1.2228
Tue Feb 29 00:00:24 2000 -.04595 -.05558 +.01334 +23.160 -.38908 +.05558 +.02779 -.00700 +15.720 +129.84 +1.1117
Tue Feb 29 00:00:25 2000 -.04595 -.05558 +.01334 +23.160 -.38908 +.01853 +.05558 -.00700 +15.613 +129.79 +1.1117
Tue Feb 29 23:59:50 2000 -.06892 0.0000 +.02223 +22.974 -.37982 +.04632 +.05558 0.0000 +15.613 +129.84 +1.3340
Tue Feb 29 23:59:52 2000 -.06892 -.02779 +.02223 +22.974 -.37982 +.01853 +.13896 -.00700 +15.720 +129.79 +1.2784
Tue Feb 29 23:59:53 2000 -.06892 0.0000 +.01334 +23.067 -.37982 +.07411 +.02779 -.00700 +15.613 +129.84 +1.3340
Tue Feb 29 23:59:54 2000 -.06892 -.02779 +.02223 +23.067 -.37982 +.04632 +.02779 0.0000 +15.400 +129.84 +1.2228
Tue Feb 29 23:59:55 2000 -.11487 -.05558 +.01334 +22.974 -.37982 +.08337 0.0000 -.00700 +15.293 +129.90 +1.1117
Tue Feb 29 23:59:57 2000 -.11487 -.05558 +.01334 +22.974 -.39834 +.05558 0.0000 +15.293 +129.84 +1.2228
Tue Feb 29 23:59:58 2000 -.11487 -.08337 +.02223 +22.974 -.39834 +.02779 +.05558 -.00700 +15.186 +129.90 +1.1117
Tue Feb 29 23:59:59 2000 -.11487 -.05558 +.01334 +22.974 -.38908 0.0000 +.05558 -.00700 +15.613 +129.79 +1.2228
Wed Mar 01 00:00:00 2000 -.11487 -.08337 +.01334 +22.974 -.39834 +.01853 +.02779 0.0000 +15.186 +129.90 +1.1117
Wed Mar 01 00:00:02 2000 -.11487 -.05558 +.01334 +22.974 -.39834 +.00926 +.08337 -.00700 +15.400 +129.84 +1.2228
Wed Mar 01 00:00:03 2000 -.11487 -.05558 +.01334 +22.974 -.38908 +.05558 0.0000 +15.186 +129.84 +1.1117
Wed Mar 01 00:00:05 2000 -.11487 -.08337 +.01334 +22.974 -.38908 +.00926 +.08337 -.00700 +15.400 +129.84 +1.2228
Wed Mar 01 00:00:06 2000 -.11487 -.05558 +.01334 +22.974 -.39834 +.04632 0.0000 -.00700 +15.186 +129.90 +1.1117

Wed Mar 01 00:00:08 2000 -.06892 -.13896 +.01334 +22.974 -.39834 +.01853 +.05558 -.00700 +15.186 +129.90 +1.1117
Wed Mar 01 00:00:09 2000 -.11487 -.05558 +.01334 +22.974 -.38908 +.00926 +.05558 -.01399 +15.400 +129.68 +1.2784
Wed Mar 01 00:00:10 2000 -.11487 -.08337 +.01334 +23.067 -.39834 +.00926 +.02779 -.01399 +15.293 +129.90 +1.1117
Wed Mar 01 00:00:12 2000 -.11487 -.02779 +.01334 +22.974 -.39834 +.02779 +.02779 -.01399 +15.613 +129.79 +1.2784
Wed Mar 01 00:00:14 2000 -.11487 -.08337 +.02223 +22.974 -.39834 +.06485 -.02779 -.00700 +15.186 +129.90 +1.1117
Wed Mar 01 00:00:15 2000 -.11487 -.05558 +.02223 +23.067 -.39834 +.01853 +.05558 -.00700 +15.293 +129.84 +1.1117
Wed Mar 01 00:00:16 2000 -.11487 -.02779 +.01334 +22.974 -.40761 +.01853 +.08337 -.01399 +15.613 +129.79 +1.3340
Wed Mar 01 00:00:17 2000 -.11487 -.05558 +.02223 +22.974 -.38908 +.05558 0.0000 -.00700 +15.293 +129.84 +1.2228
Wed Mar 01 00:00:18 2000 -.11487 -.05558 +.02668 +22.974 -.38908 +.01853 +.05558 -.00700 +15.293 +129.90 +1.1117
Wed Mar 01 00:00:19 2000 -.11487 -.05558 +.02223 +22.974 -.38908 +.05558 0.0000 -.00700 +15.186 +129.90 +1.1117
Wed Mar 01 00:00:21 2000 -.11487 -.05558 +.01334 +22.974 -.38908 0.0000 +.08337 -.01399 +15.293 +129.84 +1.1117
Wed Mar 01 00:00:23 2000 -.06892 -.02779 +.00889 +23.067 -.39834 +.02779 +.02779 -.01399 +15.400 +129.68 +1.2784
Wed Mar 01 00:00:24 2000 -.11487 -.05558 +.01334 +22.974 -.39834 +.06485 +.02779 -.00700 +15.186 +129.84 +1.2228
Wed Mar 01 00:00:26 2000 -.11487 -.05558 +.01334 +22.974 -.38908 0.0000 +.08337 -.01399 +15.400 +129.79 +1.2784
Wed Mar 01 00:00:27 2000 -.06892 -.02779 +.00889 +22.974 -.38908 +.06485 +.02779 -.01399 +15.293 +129.84 +1.3340
Wed Mar 01 00:00:28 2000 -.11487 -.08337 +.01334 +22.974 -.39834 +.02779 +.02779 -.00700 +15.293 +129.90 +1.2228
Wed Mar 01 00:00:29 2000 -.11487 -.08337 +.01334 +22.974 -.39834 +.04632 -.02779 -.01399 +15.186 +129.95 +1.1117
Wed Mar 01 00:00:31 2000 -.11487 -.05558 +.01334 +22.974 -.38908 +.05558 0.0000 -.00700 +15.186 +129.90 +1.1117
Wed Mar 01 00:00:32 2000 -.11487 -.08337 +.01334 +22.974 -.38908 +.00926 +.05558 -.00700 +15.293 +129.84 +1.2228
Wed Mar 01 00:00:33 2000 -.11487 -.02779 +.00889 +22.974 -.39834 +.01853 +.05558 -.01399 +15.400 +129.79 +1.3340
Wed Mar 01 00:00:34 2000 -.11487 -.08337 +.01334 +23.067 -.38908 0.0000 +.05558 -.00700 +15.293 +129.79 +1.1117
Wed Mar 01 00:00:36 2000 -.11487 -.05558 +.00889 +23.067 -.38908 +.00926 +.02779 -.01399 +15.400 +129.79 +1.2784
Wed Mar 01 00:00:37 2000 -.11487 -.05558 +.01334 +22.974 -.39834 +.05558 0.0000 -.00700 +15.186 +129.95 +1.2228
Wed Mar 01 00:00:39 2000 -.11487 -.08337 +.01334 +22.974 -.38908 -.00926 +.05558 -.01399 +15.293 +129.84 +1.2228
Wed Mar 01 00:00:40 2000 -.11487 -.02779 +.01334 +23.067 -.39834 +.02779 +.05558 -.00700 +15.400 +129.68 +1.3340
Wed Mar 01 00:00:41 2000 -.11487 -.05558 +.01334 +22.974 -.39834 +.05558 0.0000 -.00700 +15.186 +129.84 +1.2228
Wed Mar 01 00:00:42 2000 -.11487 -.08337 +.02223 +22.974 -.38908 +.01853 +.02779 -.00700 +15.186 +129.90 +1.2228
Wed Mar 01 00:00:43 2000 -.11487 -.05558 +.00889 +22.974 -.38908 +.06485 -.02779 -.00700 +15.186 +129.84 +1.1117
Wed Mar 01 00:00:45 2000 -.11487 -.08337 +.01334 +22.974 -.37982 +.00926 +.08337 -.00700 +15.293 +129.79 +1.2228
Wed Mar 01 00:00:47 2000 -.11487 -.02779 +.00889 +22.974 -.39834 +.02779 +.05558 -.00700 +15.293 +129.68 +1.2784
Sun Dec 31 23:59:14 2000 -.06892 -.02779 +.02223 +23.160 -.39834 +.04632 +.02779 0.0000 +15.400 +129.79 +1.4452
Sun Dec 31 23:59:15 2000 -.06892 0.0000 +.02223 +22.974 -.38908 +.07411 +.02779 -.00700 +15.186 +129.90 +1.3340
Sun Dec 31 23:59:17 2000 -.11487 -.02779 +.00889 +22.974 -.39834 +.06485 0.0000 -.01399 +15.079 +129.84 +1.3340
Sun Dec 31 23:59:19 2000 -.11487 -.08337 +.01334 +22.974 -.38908 +.01853 0.0000 -.00700 +15.079 +129.90 +1.2784
Sun Dec 31 23:59:20 2000 -.11487 -.08337 +.01334 +22.974 -.38908 +.01853 -.02779 -.00700 +15.079 +129.90 +1.3340

Sun Dec 31 23:59:22 2000 -.11487 -.08337 +.01334 +22.974 -.38908 +.05558 0.0000 -.00700 +15.079 +129.90 +1.2784
Sun Dec 31 23:59:23 2000 -.11487 -.05558 +.02223 +22.974 -.37982 0.0000 +.05558 -.00700 +15.079 +129.79 +1.2784
Sun Dec 31 23:59:24 2000 -.11487 -.02779 +.00889 +22.974 -.38908 +.01853 +.05558 -.01399 +15.186 +129.68 +1.3340
Sun Dec 31 23:59:25 2000 -.11487 -.05558 +.01334 +22.974 -.39834 +.06485 -.02779 -.00700 +14.972 +129.90 +1.3340
Sun Dec 31 23:59:27 2000 -.11487 -.05558 +.01334 +22.974 -.37982 +.00926 +.05558 -.01399 +15.293 +129.79 +1.3896
Sun Dec 31 23:59:28 2000 -.11487 -.02779 +.00889 +22.974 -.39834 +.05558 0.0000 -.01399 +15.079 +129.84 +1.3896
Sun Dec 31 23:59:29 2000 -.11487 -.05558 +.02223 +22.974 -.38908 +.01853 +.02779 -.00700 +14.972 +129.90 +1.2228
Sun Dec 31 23:59:30 2000 -.11487 -.02779 +.01334 +22.974 -.38908 +.00926 +.08337 -.01399 +15.186 +129.84 +1.3340
Sun Dec 31 23:59:31 2000 -.11487 -.02779 +.00889 +22.974 -.38908 +.04632 +.02779 -.00700 +15.079 +129.79 +1.3896
Sun Dec 31 23:59:32 2000 -.11487 -.08337 +.01334 +22.974 -.39834 +.05558 -.02779 -.00700 +14.972 +129.84 +1.2784
Sun Dec 31 23:59:33 2000 -.13785 -.05558 +.00445 +22.882 -.39834 +.00926 0.0000 -.02099 +15.186 +129.73 +1.3896
Sun Dec 31 23:59:35 2000 -.13785 -.08337 +.00889 +22.974 -.39834 +.04632 -.05558 -.01399 +14.865 +129.84 +1.2784
Sun Dec 31 23:59:36 2000 -.13785 -.08337 +.00889 +22.882 -.40761 +.04632 -.05558 -.01399 +14.865 +129.84 +1.2784
Sun Dec 31 23:59:38 2000 -.13785 -.08337 +.00445 +22.882 -.39834 +.04632 0.0000 -.02099 +14.972 +129.73 +1.3340
Sun Dec 31 23:59:39 2000 -.13785 -.08337 +.00889 +22.882 -.39834 +.05558 -.05558 -.02099 +14.865 +129.79 +1.2784
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Sun Dec 31 23:59:43 2000 -.11487 -.08337 +.02223 +22.974 -.37982 0.0000 +.02779 -.00700 +15.079 +129.84 +1.2228
Sun Dec 31 23:59:44 2000 -.11487 -.05558 +.01334 +22.974 -.38908 +.06485 0.0000 -.00700 +14.972 +129.90 +1.3340
Sun Dec 31 23:59:46 2000 -.11487 -.13896 +.01334 +22.974 -.37982 +.02779 +.02779 0.0000 +14.972 +129.90 +1.3340
Sun Dec 31 23:59:47 2000 -.11487 -.05558 +.01334 +23.067 -.38908 0.0000 +.08337 -.00700 +15.186 +129.79 +1.3896
Sun Dec 31 23:59:48 2000 -.11487 0.0000 +.01334 +22.974 -.38908 +.05558 0.0000 -.00700 +15.186 +129.84 +1.4452
Sun Dec 31 23:59:49 2000 -.13785 -.13896 +.01334 +22.974 -.38908 +.00926 +.02779 -.01399 +14.972 +129.95 +1.2228
Sun Dec 31 23:59:51 2000 -.13785 -.02779 +.00889 +22.882 -.39834 +.00926 0.0000 -.02099 +15.079 +129.73 +1.3896
Sun Dec 31 23:59:52 2000 -.13785 -.08337 +.01334 +22.882 -.39834 +.05558 -.02779 -.01399 +14.972 +129.79 +1.2784
Sun Dec 31 23:59:53 2000 -.13785 -.13896 +.02223 +22.882 -.39834 +.00926 +.02779 -.02099 +14.972 +129.95 +1.2228
Sun Dec 31 23:59:54 2000 -.13785 -.05558 +.01334 +22.882 -.38908 -.00926 +.08337 -.02099 +15.079 +129.68 +1.3340
Sun Dec 31 23:59:55 2000 -.13785 -.05558 +.00889 +22.882 -.40761 +.05558 0.0000 -.01399 +14.865 +129.79 +1.2784
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Sun Dec 31 23:59:57 2000 -.13785 -.02779 +.01334 +22.882 -.39834 +.00926 0.0000 -.01399 +15.079 +129.73 +1.3896
Sun Dec 31 23:59:59 2000 -.13785 -.13896 +.01334 +22.974 -.39834 +.06485 -.05558 -.01399 +14.758 +129.84 +1.2784
Mon Jan 01 00:00:00 2001 -.13785 -.08337 +.01334 +22.882 -.40761 +.05558 -.02779 -.02099 +14.865 +129.84 +1.2784
Mon Jan 01 00:00:02 2001 -.13785 -.08337 +.01334 +22.974 -.39834 +.06485 -.02779 -.01399 +14.758 +129.79 +1.2784
Mon Jan 01 00:00:03 2001 -.13785 -.08337 +.01334 +22.974 -.39834 +.01853 -.02779 -.01399 +14.972 +129.84 +1.2784
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Mon Jan 01 00:00:10 2001 -.11487 -.05558 +.01334 +23.067 -.38908 +.00926 +.08337 -.01399 +15.186 +129.84 +1.3896
Mon Jan 01 00:00:11 2001 -.11487 0.0000 +.00889 +22.974 -.39834 +.04632 +.02779 -.00700 +15.079 +129.79 +1.4452
Mon Jan 01 00:00:12 2001 -.11487 -.05558 +.01334 +22.974 -.39834 +.05558 -.02779 0.0000 +15.079 +129.90 +1.3340
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Mon Jan 01 00:00:15 2001 -.11487 -.05558 +.01334 +23.067 -.39834 +.07411 0.0000 -.00700 +14.865 +129.90 +1.3340
Mon Jan 01 00:00:16 2001 -.11487 -.05558 +.02223 +23.067 -.37982 0.0000 +.08337 -.00700 +15.079 +129.84 +1.3896
Mon Jan 01 00:00:17 2001 -.11487 -.02779 +.00889 +23.067 -.38908 +.01853 +.02779 -.00700 +15.186 +129.79 +1.4452
Mon Jan 01 00:00:18 2001 -.11487 -.02779 +.01334 +23.067 -.39834 +.02779 0.0000 -.00700 +14.865 +129.84 +1.3340
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Mon Jan 01 00:00:21 2001 -.11487 -.08337 +.01334 +23.160 -.38908 +.01853 +.05558 -.01399 +14.972 +129.90 +1.3340
Mon Jan 01 00:00:23 2001 -.11487 -.02779 +.00889 +23.067 -.38908 +.00926 +.08337 -.00700 +15.186 +129.68 +1.4452
Mon Jan 01 00:00:24 2001 -.11487 0.0000 +.00889 +22.974 -.38908 +.01853 +.05558 -.01399 +15.186 +129.79 +1.4452
Mon Jan 01 00:00:26 2001 -.11487 -.05558 +.01334 +23.067 -.38908 -.00926 +.08337 -.01399 +15.079 +129.79 +1.5007
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Mon Jan 01 00:00:29 2001 -.11487 -.02779 +.00889 +23.067 -.39834 +.02779 +.02779 -.00700 +15.079 +129.68 +1.4452
Mon Jan 01 00:00:31 2001 -.11487 -.05558 +.01334 +23.067 -.39834 +.08337 0.0000 -.00700 +14.865 +129.84 +1.3340
Mon Jan 01 00:00:32 2001 -.11487 -.02779 +.01334 +22.974 -.38908 +.07411 0.0000 -.00700 +14.865 +129.84 +1.3896
Mon Jan 01 00:00:34 2001 -.11487 -.08337 +.01334 +23.067 -.38908 +.06485 0.0000 -.00700 +14.972 +129.84 +1.3896
Mon Jan 01 00:00:35 2001 -.11487 -.05558 +.01334 +23.067 -.38908 +.01853 +.02779 -.01399 +14.972 +129.90 +1.3896
Mon Jan 01 00:00:36 2001 -.11487 -.02779 +.01334 +23.067 -.38908 0.0000 +.05558 -.00700 +15.079 +129.84 +1.4452
Mon Jan 01 00:00:37 2001 -.13785 -.13896 +.01334 +22.974 -.38908 +.02779 -.05558 -.01399 +14.758 +129.84 +1.2784
Mon Jan 01 00:00:39 2001 -.13785 -.08337 +.01334 +22.882 -.39834 -.00926 +.02779 -.02099 +14.865 +129.73 +1.3340
Mon Jan 01 00:00:40 2001 -.13785 -.05558 +.01334 +22.974 -.40761 +.02779 0.0000 -.02099 +14.972 +129.73 +1.3896
Mon Jan 01 00:00:41 2001 -.13785 -.05558 +.01334 +22.974 -.40761 +.05558 -.02779 -.01399 +14.758 +129.79 +1.3340
Mon Jan 01 00:00:42 2001 -.13785 -.08337 +.01334 +22.974 -.39834 +.05558 -.02779 -.01399 +14.758 +129.79 +1.3340
Mon Jan 01 00:00:44 2001 -.13785 -.08337 +.00889 +22.882 -.39834 +.02779 +.02779 -.01399 +14.865 +129.73 +1.4452
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Mon Jan 01 00:00:47 2001 -.13785 -.02779 +.01334 +22.974 -.39834 +.00926 +.02779 -.02099 +14.972 +129.68 +1.3896
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Mon Jan 01 00:00:50 2001 -.13785 -.08337 +.01334 +22.882 -.39834 0.0000 +.08337 -.02099 +14.972 +129.79 +1.3896
Mon Jan 01 00:00:51 2001 -.13785 -.08337 +.01334 +22.974 -.40761 +.05558 0.0000 -.01399 +14.758 +129.84 +1.3340
Mon Jan 01 00:00:53 2001 -.11487 -.05558 +.00889 +23.067 -.39834 +.00926 +.05558 -.00700 +15.079 +129.79 +1.4452
Mon Jan 01 00:00:55 2001 -.11487 0.0000 +.01334 +23.067 -.38908 +.06485 +.02779 -.01399 +14.972 +129.84 +1.5007
Mon Jan 01 00:00:56 2001 -.11487 +.02779 +.01334 +22.974 -.38908 +.06485 0.0000 -.00700 +14.865 +129.84 +1.3896

Mon Jan 01 00:00:58 2001 -.11487 0.0000 +.01334 +23.067 -.38908 +.02779 +.02779 -.01399 +14.972 +129.79 +1.4452
Mon Jan 01 00:00:59 2001 -.11487 -.05558 +.01334 +22.974 -.38908 +.07411 +.02779 -.00700 +14.865 +129.90 +1.4452
Mon Jan 01 00:01:00 2001 -.11487 -.05558 +.01334 +23.067 -.37982 +.01853 +.02779 -.00700 +14.972 +129.95 +1.3896
Mon Jan 01 00:01:01 2001 -.11487 -.02779 +.00889 +23.067 -.38908 +.02779 +.02779 -.01399 +14.972 +129.68 +1.4452
Mon Jan 01 00:01:03 2001 -.11487 -.08337 +.01334 +23.067 -.39834 +.02779 -.02779 -.00700 +14.972 +129.90 +1.3896
Mon Jan 01 00:01:04 2001 -.11487 -.08337 +.02223 +23.067 -.39834 +.00926 +.05558 -.00700 +14.865 +129.84 +1.4452
Mon Jan 01 00:01:05 2001 -.11487 -.02779 +.01334 +23.067 -.39834 +.01853 +.08337 -.01399 +15.079 +129.68 +1.5007
Mon Jan 01 00:01:06 2001 -.11487 0.0000 +.01334 +23.067 -.39834 +.02779 +.05558 -.01399 +14.972 +129.79 +1.4452
Mon Jan 01 00:01:08 2001 -.11487 -.05558 +.01334 +23.067 -.38908 0.0000 +.08337 -.01399 +15.079 +129.79 +1.4452
Mon Jan 01 00:01:09 2001 -.11487 -.02779 +.01334 +23.067 -.38908 +.06485 0.0000 -.00700 +14.758 +129.90 +1.3896
Mon Jan 01 00:01:11 2001 -.11487 -.08337 +.02223 +23.067 -.38908 +.00926 +.05558 -.00700 +14.865 +129.79 +1.4452
Mon Jan 01 00:01:12 2001 -.11487 -.08337 +.01334 +23.067 -.38908 +.00926 +.02779 -.01399 +14.972 +129.90 +1.3340
Mon Jan 01 00:01:14 2001 -.11487 -.08337 +.01334 +23.067 -.38908 +.00926 +.02779 -.00700 +14.758 +129.90 +1.3340
Wed Feb 28 23:59:22 2001 -.04595 -.02779 +.02668 +23.160 -.37982 +.04632 +.08337 0.0000 +15.827 +129.90 +1.0561
Wed Feb 28 23:59:24 2001 -.04595 0.0000 +.02223 +23.067 -.37982 +.04632 +.13896 0.0000 +15.934 +129.84 +1.2228
Wed Feb 28 23:59:26 2001 -.04595 -.02779 +.02223 +23.067 -.37982 +.06485 +.05558 0.0000 +15.827 +129.90 +1.1117
Wed Feb 28 23:59:27 2001 -.04595 0.0000 +.02223 +23.067 -.38908 +.02779 +.16675 0.0000 +15.934 +129.84 +1.2228
Wed Feb 28 23:59:29 2001 -.04595 -.02779 +.02223 +23.067 -.38908 +.07411 +.05558 0.0000 +15.827 +129.90 +1.1117
Wed Feb 28 23:59:30 2001 -.04595 -.02779 +.02668 +23.067 -.38908 +.04632 +.08337 0.0000 +15.827 +129.90 +1.1117
Wed Feb 28 23:59:31 2001 -.02297 -.02779 +.02223 +23.067 -.37982 +.02779 +.08337 0.0000 +15.934 +129.84 +1.2228
Wed Feb 28 23:59:32 2001 -.04595 0.0000 +.02223 +23.067 -.37982 +.01853 +.13896 0.0000 +15.934 +129.84 +1.1117
Wed Feb 28 23:59:34 2001 -.04595 -.02779 +.01334 +23.067 -.37982 +.02779 +.16675 0.0000 +15.827 +129.84 +1.2228
Wed Feb 28 23:59:35 2001 -.04595 0.0000 +.01334 +23.067 -.37982 +.04632 +.08337 0.0000 +15.827 +129.84 +1.1117
Wed Feb 28 23:59:36 2001 -.04595 -.02779 +.01334 +23.160 -.37982 +.07411 +.05558 +.00700 +15.720 +129.84 +1.1117
Wed Feb 28 23:59:37 2001 -.04595 0.0000 +.01334 +23.160 -.37982 +.04632 +.08337 0.0000 +15.934 +129.79 +1.1117
Wed Feb 28 23:59:39 2001 -.04595 -.02779 +.01334 +23.160 -.37055 +.05558 +.02779 0.0000 +15.827 +129.90 +1.1117
Wed Feb 28 23:59:40 2001 -.06892 -.02779 +.01334 +22.974 -.38908 +.01853 +.05558 -.00700 +15.827 +129.79 +1.0561
Wed Feb 28 23:59:42 2001 -.04595 0.0000 +.01334 +22.974 -.38908 +.06485 +.05558 -.00700 +15.720 +129.79 +1.1117
Wed Feb 28 23:59:43 2001 -.04595 -.05558 +.02223 +22.974 -.39834 +.02779 +.08337 -.00700 +15.720 +129.84 +1.0561
Wed Feb 28 23:59:45 2001 -.06892 -.02779 +.01334 +22.974 -.38908 +.02779 +.05558 -.00700 +15.827 +129.79 +1.1117
Wed Feb 28 23:59:46 2001 -.06892 -.05558 +.02223 +23.067 -.37982 +.02779 +.05558 -.00700 +15.720 +129.84 +1.0561
Wed Feb 28 23:59:48 2001 -.06892 -.02779 +.02223 +23.067 -.38908 +.02779 +.05558 -.00700 +15.720 +129.73 +1.1117
Wed Feb 28 23:59:50 2001 -.06892 -.05558 +.02223 +22.974 -.38908 +.04632 +.02779 0.0000 +15.720 +129.84 +1.0561
Wed Feb 28 23:59:51 2001 -.04595 -.02779 +.02223 +23.067 -.38908 +.00926 +.05558 -.00700 +15.720 +129.73 +1.0561
Wed Feb 28 23:59:53 2001 -.06892 -.05558 +.02223 +22.974 -.38908 +.05558 +.02779 -.00700 +15.720 +129.79 +1.0561

Wed Feb 28 23:59:54 2001 -.04595 -.05558 +.02668 +22.974 -.38908 +.02779 +.05558 -.00700 +15.720 +129.90 +1.0561
Wed Feb 28 23:59:55 2001 -.04595 -.05558 +.02668 +23.067 -.38908 +.01853 +.08337 -.00700 +15.720 +129.84 +1.0561
Wed Feb 28 23:59:56 2001 -.04595 -.05558 +.02223 +23.067 -.37982 +.01853 +.08337 -.00700 +15.613 +129.84 +1.0561
Wed Feb 28 23:59:58 2001 -.04595 -.02779 +.02223 +20.936 -.38908 +.01853 +.08337 -.00700 +15.720 +129.79 +1.1117
Wed Feb 28 23:59:59 2001 -.04595 -.05558 +.02223 +22.974 -.39834 +.04632 +.08337 0.0000 +15.720 +129.73 +1.1117
Thr Mar 01 00:00:00 2001 -.11487 -.08337 +.01334 +22.974 -.39834 +.01853 +.02779 0.0000 +15.186 +129.90 +1.1117
Thr Mar 01 00:00:02 2001 -.11487 -.05558 +.01334 +22.974 -.39834 +.00926 +.08337 -.00700 +15.400 +129.84 +1.2228
Thr Mar 01 00:00:03 2001 -.11487 -.05558 +.01334 +22.974 -.38908 +.05558 0.0000 +15.186 +129.84 +1.1117
Thr Mar 01 00:00:05 2001 -.11487 -.08337 +.01334 +22.974 -.38908 +.00926 +.08337 -.00700 +15.400 +129.84 +1.2228
Thr Mar 01 00:00:06 2001 -.11487 -.05558 +.01334 +22.974 -.39834 +.04632 0.0000 -.00700 +15.186 +129.90 +1.1117
Thr Mar 01 00:00:08 2001 -.06892 -.13896 +.01334 +22.974 -.39834 +.01853 +.05558 -.00700 +15.186 +129.90 +1.1117
Thr Mar 01 00:00:09 2001 -.11487 -.05558 +.01334 +22.974 -.38908 +.00926 +.05558 -.01399 +15.400 +129.68 +1.2784
Thr Mar 01 00:00:10 2001 -.11487 -.08337 +.01334 +23.067 -.39834 +.00926 +.02779 -.01399 +15.293 +129.90 +1.1117
Thr Mar 01 00:00:12 2001 -.11487 -.02779 +.01334 +22.974 -.39834 +.02779 +.02779 -.01399 +15.613 +129.79 +1.2784
Thr Mar 01 00:00:14 2001 -.11487 -.08337 +.02223 +22.974 -.39834 +.06485 -.02779 -.00700 +15.186 +129.90 +1.1117
Thr Mar 01 00:00:15 2001 -.11487 -.05558 +.02223 +23.067 -.39834 +.01853 +.05558 -.00700 +15.293 +129.84 +1.1117
Thr Mar 01 00:00:16 2001 -.11487 -.02779 +.01334 +22.974 -.40761 +.01853 +.08337 -.01399 +15.613 +129.79 +1.3340
Thr Mar 01 00:00:17 2001 -.11487 -.05558 +.02223 +22.974 -.38908 +.05558 0.0000 -.00700 +15.293 +129.84 +1.2228
Thr Mar 01 00:00:18 2001 -.11487 -.05558 +.02668 +22.974 -.38908 +.01853 +.05558 -.00700 +15.293 +129.90 +1.1117
Thr Mar 01 00:00:19 2001 -.11487 -.05558 +.02223 +22.974 -.38908 +.05558 0.0000 -.00700 +15.186 +129.90 +1.1117
Thr Mar 01 00:00:21 2001 -.11487 -.05558 +.01334 +22.974 -.38908 0.0000 +.08337 -.01399 +15.293 +129.84 +1.1117
Thr Mar 01 00:00:23 2001 -.06892 -.02779 +.00889 +23.067 -.39834 +.02779 +.02779 -.01399 +15.400 +129.68 +1.2784
Thr Mar 01 00:00:24 2001 -.11487 -.05558 +.01334 +22.974 -.39834 +.06485 +.02779 -.00700 +15.186 +129.84 +1.2228
Thr Mar 01 00:00:26 2001 -.11487 -.05558 +.01334 +22.974 -.38908 0.0000 +.08337 -.01399 +15.400 +129.79 +1.2784

Thr Mar 01 00:00:27 2001 -.06892 -.02779 +.00889 +22.974 -.38908 +.06485 +.02779 -.01399 +15.293 +129.84 +1.3340
Thr Mar 01 00:00:28 2001 -.11487 -.08337 +.01334 +22.974 -.39834 +.02779 +.02779 -.00700 +15.293 +129.90 +1.2228
Thr Mar 01 00:00:29 2001 -.11487 -.08337 +.01334 +22.974 -.39834 +.04632 -.02779 -.01399 +15.186 +129.95 +1.1117
Thr Mar 01 00:00:31 2001 -.11487 -.05558 +.01334 +22.974 -.38908 +.05558 0.0000 -.00700 +15.186 +129.90 +1.1117
Thr Mar 01 00:00:32 2001 -.11487 -.08337 +.01334 +22.974 -.38908 +.00926 +.05558 -.00700 +15.293 +129.84 +1.2228
Thr Mar 01 00:00:33 2001 -.11487 -.02779 +.00889 +22.974 -.39834 +.01853 +.05558 -.01399 +15.400 +129.79 +1.3340
Thr Mar 01 00:00:34 2001 -.11487 -.08337 +.01334 +23.067 -.38908 0.0000 +.05558 -.00700 +15.293 +129.79 +1.1117
Thr Mar 01 00:00:36 2001 -.11487 -.05558 +.00889 +23.067 -.38908 +.00926 +.02779 -.01399 +15.400 +129.79 +1.2784
Thr Mar 01 00:00:37 2001 -.11487 -.05558 +.01334 +22.974 -.39834 +.05558 0.0000 -.00700 +15.186 +129.95 +1.2228
Thr Mar 01 00:00:39 2001 -.11487 -.08337 +.01334 +22.974 -.38908 -.00926 +.05558 -.01399 +15.293 +129.84 +1.2228
Thr Mar 01 00:00:40 2001 -.11487 -.02779 +.01334 +23.067 -.39834 +.02779 +.05558 -.00700 +15.400 +129.68 +1.3340
Thr Mar 01 00:00:41 2001 -.11487 -.05558 +.01334 +22.974 -.39834 +.05558 0.0000 -.00700 +15.186 +129.84 +1.2228
Thr Mar 01 00:00:42 2001 -.11487 -.08337 +.02223 +22.974 -.38908 +.01853 +.02779 -.00700 +15.186 +129.90 +1.2228
Thr Mar 01 00:00:43 2001 -.11487 -.05558 +.00889 +22.974 -.38908 +.06485 -.02779 -.00700 +15.186 +129.84 +1.1117
Thr Mar 01 00:00:45 2001 -.11487 -.08337 +.01334 +22.974 -.37982 +.00926 +.08337 -.00700 +15.293 +129.79 +1.2228
Thr Mar 01 00:00:47 2001 -.11487 -.02779 +.00889 +22.974 -.39834 +.02779 +.05558 -.00700 +15.293 +129.68 +1.2784