Noland, Karen G

From: Norris, Kenneth M (Ken)
Sent: Monday, April 26, 1999 9:01 AM
To: Noland, Karen G
Cc: Spencer, Stephen G; Willingham, Christine; Curtis, Jennifer T
Subject: RE: Approval to Release SD Containing Web Site Copyright Information

All:

When documents are published for internal use only, which Steve stated was the case with this Hanford/PHMC Procedure, the "fair use" doctrine under federal copyright law applies. Fair use covers guidance documents such as this procedure, and all that is necessary is proper attribution to the author/copyright holder. Acknowledgement in the text is sufficient.

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If PHMC internal procedure extends to obtaining permission for internal use of copyrighted material, that's admirable--but it is overkill under federal law.

Let me know if you need more.

Ken Norris

- X86 architecture
- Operating system
 - SUN or Solaris UNIX for the RISC servers
 - MS Windows NT for the X86 servers
 - MS Windows 95 for the X86 workstations

V. DATE RELATED PROBLEM AREAS

For project platforms the scope of the date elements and function testing is limited to what is provided by the YMark 2000 program. Real time clock compatibility, Date Rollover and Leap year recognition as per the following description from NSTL.

- Verify MC146818 RTC compatibility. This test ensures that the date and time indices are compatible to the MC146818 and the data is in packed BCD format. Some non-DOS based operating systems, like Unix, do not use the BIOS but use drivers to access the clock directly. This test ensures that the clock is a Motorola MC146818 compatible chip. If the chip is not compatible, then these "other" operating systems or programs that read the clock directly may fail.
- Verify real-time progression from December 31st, 1999 to January 1st, 2000. If real-time support fails, then the ability to set the date manually is checked.
- Verify recognition and support of the 2000 leap year.

NSTL considered including a power cycle test to confirm the retention of century information. Although conceivable, it is highly unlikely that a BIOS reporting a correct century in real-time will fail after a power cycle. Nonetheless, a reboot test is an important part of the total Year 2000 test process.

VI. RESOLUTION APPROACH

There are several resolutions for none compliant file servers.

1. Replace/retire the server.
2. Upgrade the BIOS if possible.
3. Install an add on software solution (Patch).
4. Bug fixed by O/S
5. If server is non compliant and not refreshed by Y2K, implement a contingency plan

VII. TESTING APPROACH

Test one or two servers using the YMark 2000 program of a given make, model, BIOS version and use the results as a basis for all others of the same make and model. Follow a pass/fail testing path to end at one of the resolutions described in section VI. See following page for testing decision paths.

VIII. TESTING CONCLUSION(s)

Upon completion of running the YMark 2000 program, print the report and include a copy as part of the project Y2K document package. If there were discrepancies noted during the test then the platform will be dispositioned IAW Section VI, 1 - 5 and noted as an addendum to the program report.

APR 26 1999

Station 15

21

ENGINEERING DATA TRANSMITTAL

Page 1 of 1

1. EDT 626750

2. To: (Receiving Organization) DISTRIBUTION	3. From: (Originating Organization) IRM Systems Engineering & Integration	4. Related EDT No.: N/A
5. Proj./Prog./Dept./Div.: IRM Systems Engineering & Integration	6. Design Authority/ Design Agent/Cog. Engr.: S. G. Spencer	7. Purchase Order No.: N/A
8. Originator Remarks: ATTACHED IS THE COMPLETED TANK WASTE REMEDIATION SYSTEM YEAR 2000 DEDICATED FILE SERVER PROJECT HNF-3418 PROJECT PLAN Contract 528, Release 34		9. Equip./Component No.: N/A
		10. System/Bldg./Facility: Year 2000/2430 Bldg.
		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: N/A

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-3418	N/A	1	Tank Waste Remediation System Year 2000 Dedicated File Server Project HNF-3418 Project Plan	N/A	1,2	1	1

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
1,2	1	Y2K Cog. Eng., S. G. Spencer	H7-06	4/6/99				Env.	N/A		
1,2	1	Y2K Cog. Mgr., R. B. Bass	H7-06	4/6/99				Central Files	B1-07		
1,2	1	J. K. Wylie, Y2K Quality Assurance	H7-06	4/6/99				Y2K Project File	H7-06		
18. Signature of EDT Originator		19. RB Bass		20. RB Bass		21. DOE APPROVAL (if required) Ctrl. No. ☐ Approved ☐ Approved w/comments ☐ Disapproved w/comments					
4/6/99		4/6/99		4/6/99							

BD-7400-172-2 (05/98) GEF097

BD-7400-172-1

Noland, Karen G

From: Norris, Kenneth M (Ken)
Sent: Monday, April 26, 1999 9:01 AM
To: Noland, Karen G
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Subject: RE: Approval to Release SD Containing Web Site Copyright Information

All:

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If PHMC internal procedure extends to obtaining permission for internal use of copyrighted material, that's admirable--but it is overkill under federal law.

Let me know if you need more.

Ken Norris

Tank Waste Remediation System Year 2000 Dedicated File Server Project HNF-3418 Project Plan

S. G. Spencer

Lockheed Martin Hanford Corp., Richland, WA 99352
U.S. Department of Energy Contract DE-AC06-96RL13200

EDT/ECN: EDT 626750 UC: 2030
Org Code: 76000 Charge Code: 101837/AJ10
B&R Code: EW02J123 Total Pages: 154^{KN}

Key Words: TWRS, Dedicated File Server, Year 2000

Abstract: The Server Project is to ensure that all TWRS supporting hardware (fileservers and workstations) will not cause a system failure because of the BIOS or Operating Systems cannot process Year 2000 dates.

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Karen A. Noland 4/26/99
Release Approval Date

APR 26 1999

DATE:

STA: 15

HANFORD
RELEASE

ID: 21

21

Release Stamp

Approved for Public Release

**TWRS Year 2000
Dedicated File Server Project
HNH-3418**

PROJECT PLAN

Prepared by:

Stephen G. Spencer
Tank Waste Remediation System
Business Management
Master Planning

September 29, 1998

Schedule of Activities

Mission Critical

Develop Schedule	06/10/98
Develop Project Plan	06/10/98
Develop Test Plan	06/15/98
Complete Infrastructure Discovery	06/30/98
Develop Acceptance Test Procedures	09/15/98
Conduct Acceptance Test	02/15/99
Assess Test Results	02/15/99
Contingency Plans, if required	03/15/99
Prepare Assurance Report	07/31/99
Complete Project	07/31/99

Non-Mission Critical

Develop Schedule	10/15/98
Complete Assessment	11/30/98
Complete Renovation	01/15/99
Acceptance Test, if required	02/15/99
Contingency Plans, if required	03/15/99
Prepare Assurance Report	07/31/99
Complete Project	07/31/99

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	% Comp	Resource	Budgeted Cost	1998												1999						
								M	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	A			
Y2K01	Dev. Y2K IStruct. Sch.	2		10JUN98A	100	LP00E	332.10																			
Y2K02	Dev. Proj. Plan	3		10JUN98A	100	LP00E	398.52																			
Y2K03	Dev. Test Plan	6		08JUN98A	100	LP00E	664.20																			
Y2K031	Comp. IStructure Disc.	60		09SEP98A	100	LP00E	1,328.40																			
Y2K032	Dev. Accept. Test Proc.	48		09SEP98A	100	LP00E	398.52																			
Y2K04	Conduct Accept. Test	104	15SEP98	12FEB99	0	LP00E	1,328.40																			
Y2K04M	Complete Accept. Test	0		15DEC98	0		0.00																			
Y2K05	Assess Test Results	11	29JAN99	12FEB99	0	LP00E	996.30																			
Y2K09	Contingency Plans	139	17AUG98	08MAR99	0		0.00																			
Y2K09M	Complete Contin. Plan.	0		15OCT98	0		0.00																			
Y2K10	Prepare Assur. Report	220	15SEP98	30JUL99	0	LP00E	994.67																			
Y2K10M	Complete Y2K Project	0		16NOV98	0		0.00																			
Y2KNM001	Develop Schedule	1	29SEP98A	15OCT98	0	LP00E	996.30																			
Y2KNM011	Complete Assessment	42	30SEP98	30NOV98	0	LP00E	5,569.44																			
Y2KNM021	Complete Renovation	31	01DEC98	15JAN99	0	LP00E	1,657.50																			
Y2KNM031	Acceptance Test?	21	18JAN99	16FEB99	0	LP00E	994.50																			
Y2KNM041	Contingency Plans?	19	17FEB99	15MAR99	0	LP00E	1,326.00																			
Y2KNM051	Prepare Assur. Report	96	16MAR99	30JUL99	0	LP00E	1,657.50																			
Y2KNM061	Complete Project	0		03MAY99	0		0.00																			

Project Start 13MAY98
 Project Finish 13MAY98
 Date Date 13MAY98
 Run Date 26SEP98

Y2FS

Lockheed Martin Hanford Corp.
 TWRS DFSP HNF-3418

REV. 1 Sept 28, 1998 Page 4

Sheet 1 of 1

Date	Revision	Checked	Approved

Test Plan for Year 2000 Compliance TWRS Fileservers

**Prepared by:
Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
September 29, 1998**

Introduction

The assessment and disposition process and if the platform is TWRS owned and maintained will be the determining factors whether a platform requires testing under this test plan. If a platform requires testing, to ensure Y2K compliance, the TWRS Dedicated File Server Project Manager will either administer the test or assist the platforms administrator in running the test program.

This plan will describe the steps required to run the National Software Testing Laboratories, YMark 2000, test program. The YMark 2000 program is recognized as being the industry standard Year 2000 test tool for personal computers. (See appendix 1.)

Terms:

BIOS	Basic/Input Output System
DFSP	Dedicated File Server Project
IAW	In accordance With
LMSI	Lockheed Martin Services Inc.
MS	Microsoft
OEM	Original Equipment Manufacturer
O/S	Operating System
NSTL	National Software Testing Laboratory
PHMC	Project Hanford Management Contract
Platform	Term used to include both file servers and workstations that support projects.
RDBMS	Relational Database Management System
RISC	Reduced Instruction Set Chip
TWRS	Tank Waste Remediation System
X86	Intel family of microprocessors
Y2K	Year 2000

I. PURPOSE

To provide the guidance to determine whether a platform must be tested. If a platform is to be tested, this document will list the steps required to run the platform test program. The testing program will accommodate the requirements of the PHMC.

II. SCOPE

This plan only applies to file servers/workstations with the applicable O/S (See Project Plan) identified as TWRS owned and maintained.

III. SYSTEM FUNCTION

File servers and workstation are used to either store files of various formats, run processes or provide a platform for some type of RDBMS to store and manipulate data.

IV. SYSTEM ENVIRONMENT

- Hardware
- RISC architecture

- X86 architecture
- Operating system
 - SUN or Solaris UNIX for the RISC servers
 - MS Windows NT for the X86 servers
 - MS Windows 95 for the X86 workstations

V. DATE RELATED PROBLEM AREAS

For project platforms the scope of the date elements and function testing is limited to what is provided by the YMark 2000 program. Real time clock compatibility, Date Rollover and Leap year recognition as per the following description from NSTL.

- Verify MC146818 RTC compatibility. This test ensures that the date and time indices are compatible to the MC146818 and the data is in packed BCD format. Some non-DOS based operating systems, like Unix, do not use the BIOS but use drivers to access the clock directly. This test ensures that the clock is a Motorola MC146818 compatible chip. If the chip is not compatible, then these "other" operating systems or programs that read the clock directly may fail.
- Verify real-time progression from December 31st, 1999 to January 1st, 2000. If real-time support fails, then the ability to set the date manually is checked.
- Verify recognition and support of the 2000 leap year.

NSTL considered including a power cycle test to confirm the retention of century information. Although conceivable, it is highly unlikely that a BIOS reporting a correct century in real-time will fail after a power cycle. Nonetheless, a reboot test is an important part of the total Year 2000 test process.

VI. RESOLUTION APPROACH

There are several resolutions for none compliant file servers.

1. Replace/retire the server.
2. Upgrade the BIOS if possible.
3. Install an add on software solution (Patch).
4. Bug fixed by O/S
5. If server is non compliant and not refreshed by Y2K, implement a contingency plan

VII. TESTING APPROACH

Test one or two servers using the YMark 2000 program of a given make, model, BIOS version and use the results as a basis for all others of the same make and model. Follow a pass/fail testing path to end at one of the resolutions described in section VI. See following page for testing decision paths.

VIII. TESTING CONCLUSION(s)

Upon completion of running the YMark 2000 program, print the report and include a copy as part of the project Y2K document package. If there were discrepancies noted during the test then the platform will be dispositioned IAW Section VI, 1 - 5 and noted as an addendum to the program report.

Test Design	TEST DESIGN SPECIFICATION ID: YMark 2000	APPLICATION: Any Intel Industry Standard Platform	Acronym:
Scenario 1	TESTING PHASE: System BIOS and Real Time Clock	PLATFORM:	
<p>TITLE: Steps for using the YMark 2000 platform testing program</p> <p>FEATURES TO BE TESTED Verify MC146818 RTC compatibility. This test ensures that the date and time indices are compatible to the MC146818 and the data is in packed BCD format. Some non-DOS based operating systems, like Unix, do not use the BIOS but use drivers to access the clock directly. This test ensures that the clock is a Motorola MC146818 compatible chip. If the chip is not compatible, then these "other" operating systems or programs that read the clock directly may fail.</p> <p>Verify real-time progression from December 31st, 1999 to January 1st, 2000. If real-time support fails, then the ability to set the date manually is checked. Verify recognition and support of the 2000 leap year.</p> <p>NSTL considered including a power cycle test to confirm the retention of century information. Although conceivable, it is highly unlikely that a BIOS reporting a correct century in real-time will fail after a power cycle. Nonetheless, a reboot test is an important part of the total Year 2000 test process.</p> <p><u>Approach Refinements</u> N/A</p> <p><u>PREREQUISITES</u> All efforts will be made to test platforms that are not production</p> <p><u>PASS/FAIL CRITERIA:</u> Either the TWRS DFSP manager or the project system administrator will run the utility as per the steps in this test plan and the report generated will provide the 3rd party documentation required as verification.</p> <p><u>REFERENCES</u> See Appendix 1 & 2 - for industry acceptance and YMark 2000 setup and run</p>			

Case #	Procedure	Expected Output	Witness
SETUP			
1	<ol style="list-style-type: none"> 1. Shut down platform to be tested 2. Boot to DOS (3.2 or higher), either via a floppy or if installed on the primary partition. 3. Either copy the YMark 2000 program to the hard drive and path to it or have it available to run from a floppy disk 		
RUN PROGRAM			
1	<ol style="list-style-type: none"> 1. Execute 2000.EXE 2. Print the results using the following command: 2000.EXE > PRN 3. Although not required suggest making a file copy also, use the following command: 2000.EXE > Results.TXT 4. If YMark2000 should recommends a manual reboot test, perform the following steps: <ul style="list-style-type: none"> • Create a DOS boot diskette and use it to boot the system you want to test. Be sure you are using DOS version 3.2 or higher. • Set the date into the Year 2000 using the DATE command and reboot the system. LEAVE THE BOOT DISKETTE IN THE DISKETTE DRIVE. 5. Check the date after the boot. 6. Be sure to restore the computer's date to today's date! 7. Include documentation with project file 	<p>Read the results on your monitor. Report should print from local printer File should be created, Results.TXT</p> <p>If it is the same as the date set in step 2 then you will need to set the date one time only</p>	

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by: Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name

Acronym

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
------------------	------	-------	-------------

Signatures

DFSP Manager _____
SPENCER, STEPHEN G

Date _____

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager _____

Date _____

Addendum Variances/Comments

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by: Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name **ASPEN**

Acronym **ASPEN**

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
75 BILBO	HP	Apollo 9000/735	Compliant
FRODO	HP	Apollo 9000/735	Compliant
GANDALF	HP	Apollo 9000/J282	Compliant
SAMWISE	HP	X-Terminal	Compliant
STRIDER	HP	Apollo 9000/735	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 12/10/98

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

ALLEN, GAIL K

Date 10 DEC 98

Addendum Variances/Comments

The J282 model is a 700 series workstation and is compliant as per the HP Web page. S.G. Spencer 12/10/98

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by: Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name *Computer Automated Surveillance System*

Acronym *CASS*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
23 Deactivate	Data General	MV10000	Deactivate
Deactivate	Data General	MV10000	Deactivate

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 1/5/99

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

HOLM, MELISSA J

Date 1-5-99

Addendum Variances/Comments

Comment by M. Holm: At this time the plan is to deactivate the Data Generals. If planning changes this form will have to be revised. Accepted by S. Spencer 1/5/99

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by: Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name *Data Acquisition and Control System (Tank 101-SY)*

Acronym *DACS*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

	File Server Name	Make	Model	Disposition
48	MINI-DACS STA-5	Texas Inst. <i>Micro</i>	Micro 286	Project Plan
	MINI-DACS STA-7	Texas Inst. <i>Micro</i>	Micro 286	Project Plan
	MINI-DACS STA-8	Texas Inst. <i>Micro</i>	Micro 286	Project Plan
	RSS-11	AST	486	Replace
	RSS-13	Micron	P233	Compliant
	RSS-15	Gateway	486	Replace
	RSS-17	Gateway	486	Replace
	STATION1	Texas Inst. <i>Micro</i>	Micro 286	Replace
	STATION1	Unknown	Action Instruments	Replace
	STATION2	Texas Inst. <i>Micro</i>	Micro 286	Replace
	STATION4 / 3	Unknown <i>Texas Micro</i>	Unknown <i>486</i>	Replace
	STATIONS	Texas Inst. <i>Micro</i>	Micro 286	Replace

1/7/99 12:16:54 PM

Year 2000 Readiness Disclosure

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by: Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

48 STATION5	Micron	P233	Compliant
STATION6	Texas Inst. <i>Micro</i>	Micro 286	Replace
STATION6	Micron	P233	Compliant
STATION7	Texas Inst. <i>Micro</i>	Micro 286	Replace
STATION7	AST	Premium 486	Project Plan
STATION8	Texas Inst. <i>Micro</i>	Micro 286	Replace
STATION8	Micron	P233	Compliant
STATION9	Texas Inst. <i>Micro</i>	Micro 286	Replace
STATION9	Unknown	Action Instruments	Project Plan
WC56136	Gateway	486	Project Plan
WC57479	Micron	Notebook P133	Project Plan

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date

1/20/99

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

TATE, DARON D (with changes noted)

Date

1-20-99

Addendum Variances/Comments

N/A

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by: Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name *Dry Well Van Control Program*

Acronym *DWVC*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

	File Server Name	Make	Model	Disposition
27	Deactivate	Data General	MV1000	Deactivate
	Deactivate	Data General	MV1000	Deactivate

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 1/5/99

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

HOLM, MELISSA J

Date 1-5-99

Addendum Variances/Comments

Comment by M. Holm: At this time the plan is to deactivate the Data Generals. If planning changes this form will have to be revised. Accepted by S. Spencer 1/5/99

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by:
Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project:

Name *Environmental Requirements Management Interface*

Acronym *ERMI*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
68 AP005	AST	P5090	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 12/9/98

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

BIEBESHEIMER, ERIC

Date 12/9/98

Addendum Variance

Comment by E. Biebesheimer: Since fileserver AP005 is Lockheed Martin Services Inc. controlled and operated the POC cannot accept responsibility for the hardware because LMSI may make platform changes transparent to the user. The POC should reach an understanding with LMSI that users should be informed of changes and that the new platform is Y2K compliant. Accepted by DFSP Manager Stephen G Spencer 12/8/1998

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by: Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name *Gas Characterization System*

Acronym *GCS*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

	File Server Name	Make	Model	Disposition
1	AN-FTIR	AST	Premmia 486/33	Replace
	AN-GC1	AST	Premmia 486/33	Replace
	AN-GC2	AST	Premmia 486/33	Replace
	AW-FTIR	AST	Premmia 486/33	Replace
	AW-GC1	AST	Premmia 486/33	Replace
	AW-GC2	AST	Premmia 486/33	Replace
	GCS1HOST	AST	Premmia GXP100	Replace
	GCS2HOST	AST	Premmia GXP100	Replace
	GCSHOST	AST	P-100	Project Plan
	HITRAN/GRAMS386VERIFY	IBM	ThinkPad	Project Plan
	LABCDR	AST	Premmia 486/33	Replace
	LABFTIR	AST	Premmia 486/33	Replace

1/7/99 12:19:49 PM

Year 2000 Readiness Disclosure

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

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Tank Waste Remediation System
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1 LABGC	AST	Premmia 486/66	Project Plan
LABHOST	AST	Bravo	Project Plan
WC42303	AST	Premmia 486/33	Replace

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 1/20/99

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

TATE, DARON D

Date 1/20/99

Addendum Variances/Comments

N/A

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by: Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name *Gas Monitoring System - 2*

Acronym *GMS-2*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

	File Server Name	Make	Model	Disposition
49	BLACKADDER	AST	Premmia 486/33	Project Plan
	BLACKADDER	AST	Premmia 486/33	Replace
	BLACKBOX	IBM	Notebook 386/25	Replace
	GASMAN	Texas Inst.	Micro 286	Replace
	KINETICS	AST	Premmia SE 486/66 Tower	Replace
	KINETICS	AST	Premium SE 486/66 Tower	Replace
	OLD KINETICS	IBM	Tower 286	Project Plan
	SP4400	Proprietary	Proprietary	Project Plan
	SP4400	Proprietary	Proprietary	Project Plan
	SPC3200	Proprietary	Proprietary	Project Plan
	SPC3200	Proprietary	Proprietary	Project Plan

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Prepared by: Stephen G Spencer
Tank Waste Remediation System
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November 18, 1998

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 1/20/99

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

TATE, DARON D

Date 1/20/99

Addendum Variances/Comments

N/A

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by: Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name *HTWOS*

Acronym *HTWOS*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
77 BILBO	HP	Apollo 9000/735	Compliant
FRODO	HP	Apollo 9000/735	Compliant
GANDALF	HP	Apollo 9000/J282	Compliant
SAMWISE	HP	X-Terminal	Compliant
STRIDER	HP	Apollo 9000/735	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date

12/10/98

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

ALLEN, GAIL K

Date

10 DEC 98

Addendum Variances/Comments

The J282 model is a 700 series workstation and is compliant as per the HP Web page. S.G. Spencer 12/10/98

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by: Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name *Job Control System - Automated Data Processing*

Acronym *JCS - ADP*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
50 APJCS00	HP	LHPRO200	Compliant
APJCS01	HP	LHPRO200	Compliant
APJCS02	HP	LHPRO200	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 1/5/99

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

HAMILTON, JIMMY K (JIM)

Date 1-5-99

Addendum Variances/Comments

Comment by J. Hamilton: Since file servers are Lockheed Martin Services Inc. controlled and operated the POC cannot accept responsibility for the hardware because LMSI may make platform changes transparent to the user. The POC should reach an understanding with LMSI that users be informed of changes and that the new platform is Y2K compliant. Accepted by DFSP Manager Stephen G Spencer 1/5/1999

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by:
Stephen G Spencer
Tank Waste Remediation System
Business Management
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Description

The following computer platform(s) that support this software project

Name *Liquid Observation Well Van Program*

Acronym *LOWVP*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

	File Server Name	Make	Model	Disposition
51	SACS	Compaq	Proliant 4500	Compliant
	TFSS9	SUN	SPARC10	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 12/7/98

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

BARNES, DAVID A

Date 12/7/98

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by:
Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name **Master Equipment List Phase I**

Acronym **MEL**

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
31 WHC371	AST	SMP 4/P60	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 12/7/98

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

JECH, JAMES B

Date 12/9/98

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by:
Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name *Procedure Information System*

Acronym *PROCINFO*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
33 AP005	AST	P5090	Compliant
AP012	HP	LHPRO200	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 12/7/98

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

THOMPSON, GREG L

Date 12-30-98

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by:
Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name *Pu Inventory*

Acronym ~~TPE~~ *PU INVENTO*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
53 AP005	AST	P5090	Compliant
WC61781	AST	Bravo MS 5200	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 12/7/98

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

STAUFFER, LESLIE A

Date 12/8/98

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by:
Stephen G Spencer
Tank Waste Remediation System
Business Management
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November 18, 1998

Description

The following computer platform(s) that support this software project

Name *Saltwell Wonderware DDE Server*

Acronym *Saltwell - DDE*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
190 WC58217	Micron	Millenia P200	Compliant
WC58284	Micron	Millenia P200	Compliant
WC55371	Toshiba	Satellite Pro 490CDT	Compliant
WC65372	Toshiba	Satellite Pro 490CDT	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 12/2/98

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

LAMPHERE, JOHN E (JAC)

Date 12/2/98

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by: Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name *Standard Hydrogen Monitoring System*

Acronym *SHMS*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

	File Server Name	Make	Model	Disposition
54	A-101GC	Toshiba	405cs	Project Plan
	A-101HOST	Toshiba	115cs	Project Plan
	AN-101GC	Toshiba	405cs	Project Plan
	AN-101HOST	Toshiba	110cs	Project Plan
	AN-104"C"	Toshiba	405cs	Project Plan
	AN-EXH"D"	Toshiba	105cs	Project Plan
	AW-EXH"D"	Toshiba		Project Plan
	AY-102"C"	Toshiba	405cs	Project Plan
	B&KCALCPU	Genesis	286	Replace
	BY-105GC	Toshiba	405cs	Project Plan
	BY-105HOST	Toshiba	110cs	Project Plan
	C-106"C"	Toshiba	105cs	Project Plan

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54	EXHAUSTSHMS	Compaq	LTE	Replace
	RAIL-1	Toshiba	410CDT	Project Plan
	S-106GC	Toshiba	405cs	Project Plan
	S-106HOST	Toshiba	110cs	Project Plan
	S-109GC	Toshiba	405cs	Project Plan
	S-109HOST	Toshiba	110cs	Project Plan
	SHMS_GC	Toshiba	105cs	Project Plan
	SHMS_GC	Toshiba	405cs	Project Plan
	SHMSHOST	Toshiba	110cs	Project Plan
	SHMSHOST	Toshiba	110cs	Project Plan
	SX-103GC	Toshiba	405cs	Project Plan
	SX-103HOST	Toshiba	110cs	Project Plan
	SY-102GC	Toshiba	405cs	Project Plan
	SY-102HOST	Toshiba	110cs	Project Plan
	U-105GC	Toshiba	405cs	Project Plan
	U-105HOST	Toshiba	115cs	Project Plan
	WC56331	Toshiba	105cs	Project Plan
	WC58021	Toshiba	410CDT	Project Plan
	WC58875	Toshiba	405cs	Project Plan

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by: Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date

1/20/99

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

TATE, DARON D

Date

1/20/99

Addendum Variances/Comments

N/A

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by:
Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name *Surveillance Analysis Computer System*

Acronym *SACS*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
39 SACS	Compaq	Proliant 4500	Compliant
UDO	Compaq	Proliant 4500	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 12/7/98

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

HOLM, MELISSA J

Date 1-5-99

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by:
Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name *Tank Farm Spare Pump Database*

Acronym *TFSDb*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
10 WC64566	AST	Bravo MSS200M	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 12/2/98

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

EVERETT, BRIAN K

Date 12/10/98

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by:
Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name **Temporary Labeling System**

Acronym **TLS**

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
41 Deactivate	Deactivate	N/A	Deactivate

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 12/1/98

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

HERT, DENNY G

Date 12/1/98

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by:
Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name **Tank Monitor and Control System**

Acronym **TMACS**

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
40 TFS9	SUN	SPARC10	Compliant
TMACSDEV	HP	NetServerLXPro	Compliant
TMACSPROD	HP	NetServerLXPro	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 12/1/98

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

HOLM, MELISSA J

Date 1-5-99

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by: Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name: *Tank Waste Information System*

Acronym: *TWINS*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
195 PCTWINS	Micron	Millenia	Compliant
TWINS	Dell	PowerEdge 4200	Compliant
TWINSDEV	Dell	PowerEdge 4200	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 12/14/98

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

ADAMS, MELVIN R

Date 12/21/98

Addendum Variances/Comments

N/A

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by: Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name *TWRS Lessons Learned Information System*

Acronym *TWRS LLIS*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

	File Server Name	Make	Model	Disposition
107	TWRSLL	Micron	Millenia P166	Compliant
	WHC372	AST	SMP 4/P60	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 12/10/98

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

MOORE, THOMAS L (JR)

Date 12-10-98

Addendum Variances/Comments

N/A

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by:
Stephen G Spencer
Tank Waste Remediation System
Business Management
Master Planning
November 18, 1998

Description

The following computer platform(s) that support this software project

Name **702AZ MICON Ventilation System**

Acronym **W-030**

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
32 Micon11 (WC66057)	SUN	SPARC V	Compliant
Micon126 (WC66058)	SUN	SPARC V	Compliant
Micon14 (WC66059)	SUN	SPARC V	Compliant
Micon2 (WC66056)	SUN	SPARC V	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 12/8/98

Owner/Manager

WINKELMAN, WAYNE D

Date 1-6-99

TWRS Dedicated Fileserver Project Compliance Assurance Addendum

Prepared by:
Stephen G Spencer
Tank Waste Remediation System
Business Management
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November 18, 1998

Description

The following computer platform(s) that support this software project

Name *Cross-Site Transfer Monitoring System (W-058)*

Acronym *W-058*

have been assessed and dispositioned by the Dedicated File Server Project Manager.
Details of the assessment and disposition can be found in document HNF-3418, TWRS
Dedicated File Server Project (DFSP).

Platform List

File Server Name	Make	Model	Disposition
24 No Network	Gateway	2000/PS-133	Compliant
No Network	Gateway	2000/PS-133	Compliant

Signatures

DFSP Manager

SPENCER, STEPHEN G

Date 12/10/98

At this time the above listed platform(s) is/are the correct File Server Name, Make, Model and Disposition in support of the application listed in the description. I also understand that if any changes are made to this configuration it will be my responsibility to ensure Y2K compliance.

Owner/Manager

HUBER, JOHN H

Date 1-4-99

Addendum Variances

N/A

TWRS Y2K File Server Report

Report Name: rptSystemFileservers, Sort by: Y2K Manager
Acronym
Make

Y2K Managers Name **ADAMS, MELVIN R**

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Appendix 4

Compliance Project Name		Data Acquisition and Control System (Tank 101-SY)				Acronym	DACS	Mission Critical Y or N		Y
Point of Contact		TATE, DARON D				Responsible Mgr.		JC KROGNESS		
Compliance Project Comments										
ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments		
48	STATION7	WC40544	AST	Premmium 486	DOS	200W/LAB				
	RSS-11	WC46222	AST	486	DOS	200W/MO278		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time		
	WC56136	WC56136	Gateway	486	Win3.11	200W/LAB		Spare		
	RSS-17	WC56135	Gateway	486	DOS	PLC's???		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time		
	RSS-15	WC56137	Gateway	486	DOS	200E/2750E		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time		
	WC57479	WC57479	Micron	Notebook P133	Win95	200W/LAB		PLC Programmer		
	RSS-13	WC62946	Micron	P233	NT	200W/LAB		Replaced Gateway 486 - WC56131		
	STATION6	WC62947	Micron	P233	NT					
	STATION5	WC57763	Micron	P233	NT	200W/LAB		Replaced AST486 - WC45231		
	STATION8	WC62948	Micron	P233	NT	200W/LAB		Replaced AST486 - WC30871		
	MINI-DACS STA-8	WC56134	Texas Inst.	Micro 286	DOS	PLC's???				

Compliance Project Name **Data Acquisition and Control System (Tank 101-SY)**Acronym **DACS**Mission Critical Y or N **Y**Point of Contact **TATE, DARON D**Responsible Mgr. **JC KROGNESS**

Compliance Project Comments

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
MINI-AR	MINI-DACS STA-7	WC56133	Texas Inst.	Micro 286	DOS	PLC's???		
	STATION9	Unknown	Texas Inst.	Micro 286	DOS	200E/SY		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	STATION8	Unknown	Texas Inst.	Micro 286	DOS	200E/SY		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	STATION2	9679063 LANL	Texas Inst.	Micro 286	Win3.11	200W/SY		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	STATION7	Unknown	Texas Inst.	Micro 286	DOS	200E/SY		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	STATION6	Unknown	Texas Inst.	Micro 286	DOS	200E/SY		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	STATION5	Unknown	Texas Inst.	Micro 286	DOS	200E/SY		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	STATION1	9679049 LANL	Texas Inst.	Micro 286	DOS	200W/SY		PC reserved in pool as replacement to be installed

Compliance Project Name Data Acquisition and Control System (Tank 101-SY) Acronym DACS Mission Critical Y or N Y

Point of Contact TATE, DARON D Responsible Mgr. JC KROGNESS

Compliance Project Comments

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
								as scheduled unless ordered replacement arrives in time
	MINI-DACS STA-5	WC56132	Texas Inst.	Micro 286	DOS	PLC's???		
	STATION9	WC15917	Unknown	Action Instruments	DOS	200W/LAB		
	STATION1	WC22967	Unknown	Action Instruments	DOS	200W/LAB		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	STATION4	Unknown	Unknown	Unknown	DOS	200E/SY		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time

Compliance Project Name Gas Characterization System Acronym GCS Mission Critical Y or N Y

Point of Contact TATE, DARON D Responsible Mgr. JC KROGNESS

Compliance Project Comments 2nd POC Philip Barbara L, 376-0468, H0028240, Rich Anema (Daron Tate)

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
1	LABHOST	WC62774	AST	Bravo	NT	200W/LAB		
	LABCDR	WC55296	AST	Premmia 486/33	Win95	200W/LAB		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	GCS1HOST	WC55328	AST	Premmia GXP100	NT	200E/AN		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement

Compliance Project Name **Gas Characterization System**Acronym **GCS**Mission Critical Y or N **Y**Point of Contact **TATE, DARON D**Responsible Mgr. **JC KROGNESS**Compliance Project Comments **2nd POC Philip Barbara L, 376-0468, H0028240, Rich Anema (Daron Tate)**

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
								arrives in time
	LABFTIR	WC54972	AST	Premmia 486/33	NT	200W/LAB		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	GCSHOST	WC55329	AST	P-100	NT	200W/LAB		
	WC42303	WC42303	AST	Premmia 486/33	Win3.11	200W/LAB		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	AW-FTIR	WC51146	AST	Premmia 486/33	NT	200E/AW		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	AW-GC2	WC51826	AST	Premmia 486/33	Win3.11	200E/AW		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	AW-GC1	WC51777	AST	Premmia 486/33	Win3.11	200E/AW		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	GCS2HOST	WC55357	AST	Premmia GXP100	NT	200E/AW		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time

Compliance Project Name	Gas Characterization System	Acronym	GCS	Mission Critical Y or N	Y
Point of Contact	TATE, DARON D	Responsible Mgr.	JC KROGNESS		

Compliance Project Comments 2nd POC Philip Barbara L, 378-0468, H0028240, Rich Anema (Daron Tate)

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
49	AN-FTIR	WC46019	AST	Premmia 486/33	NT	200E/AN		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	AN-GC2	WC51863	AST	Premmia 486/33	Win3.11	200E/AN		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	AN-GC1	WC51828	AST	Premmia 486/33	Win3.11	200E/AN		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	LABGC	WC51776	AST	Premmia 486/66	Win95	200W/LAB		
	HITRAN/GRAMS386VE RIFY	WC47282	IBM	ThinkPad	Win3.11	200W/LAB		

Compliance Project Name	Gas Monitoring System - 2	Acronym	GMS-2	Mission Critical Y or N	Y
Point of Contact	TATE, DARON D	Responsible Mgr.	JC KROGNESS		
Compliance Project Comments	2nd POC LENTSCH, JACK W, 373-5252, H0061042. 3rd POC Johnson, D, 373-5252. 2nd Resp Mgr. ALIBERT, JEAN-NOEL, 372-3203, H0108806 Projects (Robert Morson)				

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
49	KINETICS	WC45449	AST	Premium SE 486/66 Tower	OS/2	200W/SY		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	BLACKADDER	WC36367	AST	Premmia 486/33	OS/2	200W/SY		PC reserved in pool as replacement to be installed as scheduled unless

Compliance Project Name **Gas Monitoring System - 2** Acronym **GMS-2** Mission Critical Y or N **Y**
 Point of Contact **TATE, DARON D** Responsible Mgr. **JC KROGNESS**
 Compliance Project Comments **2nd POC LENTSCH, JACK W, 373-5252, H0061042. 3rd POC Johnson, D, 373-5252. 2nd Resp Mgr. ALIBERT, JEAN-NOEL, 372-3203, H0106806 | Projects (Robert Morson)**

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
	KINETICS	WC47223	AST	Premmia SE 486/66 Tower	OS/2	200W/LAB		ordered replacement arrives in time PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	BLACKADDER	WC45652	AST	Premmia 486/33	OS/2	200W/LAB		
	OLD KINETICS	LANL	IBM	Tower 286	OS/2	200W/LAB		
	BLACKBOX	825177 LANL	IBM	Notebook 386/25	OS/2	200W/SY		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
	SP4400	None	Proprietary	Proprietary	UNIX	200W/SY		
	SP4400	None	Proprietary	Proprietary	UNIX	200W/LAB		
	SPC3200	WC41047	Proprietary	Proprietary	UNIX	200W/SY		
	SPC3200	None	Proprietary	Proprietary	UNIX	200W/LAB		
	GASMAN	9679056 LANL	Texas Inst.	Micro 286	OS/2	200W/SY		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time

Compliance Project Name					Job Control System - Automated Data Processing			Acronym	JCS - ADP	Mission Critical	Y or N	Y
Point of Contact					HAMILTON, JIMMY K (JIM)			Responsible Mgr. ER HAMM				
Compliance Project Comments					Submitted - TBM Scribble*							
ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments				
50	APJCS02	WC58220	HP	LHPRO200	NT 4.0	200W						
	APJCS01	WC58219	HP	LHPRO200	NT 4.0							
	APJCS00	WC58221	HP	LHPRO200	NT 4.0			System Complete, No Further Action Req.				

Compliance Project Name Liquid Observation Well Van Program					Acronym	LOWVP	Mission Critical Y or N Y	
Point of Contact BARNES, DAVID A					Responsible Mgr. NW KIRCH			
Compliance Project Comments								
ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
51	SACS	WC59856	Compaq	Proliant 4500	NT 4.0	200E/2750E/B104		
	TFS9	WC41551	SUN	SPARC10	SUN O/S 5.6	200E/2750E/B104		

Compliance Project Name					Plutonium Inventory		Acronym	Pu INVENTO	Mission Critical	Y or N	Y
Point of Contact					STAUFFER, LESLIE A		Responsible Mgr.	NW KIRCH			
Compliance Project Comments					Proper name for system is Pu inventory.						
ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments			
53	WC61781	WC61781	AST	Bravo MS 5200	Win95	200E/2750E/A219					
	AP005	WC57599	AST	P5090	NT 4.0	200E/2753E/A106	PLUTINV	LMSI Owned Server, LMSI Owned Workstation, Both Compliant IAW site Docs.			

Compliance Project Name					Standard Hydrogen Monitoring System			Acronym	SHMS	Mission Critical	Y or N	Y
Point of Contact					TATE, DARON D			Responsible Mgr.	JC KROGNESS			
Compliance Project Comments					Submitted - PG O'Connor Robert Morson - Projects							
ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments				

Compliance Project Name	Standard Hydrogen Monitoring System	Acronym	SHMS	Mission Critical Y or N	Y
Point of Contact	TATE, DARON D	Responsible Mgr.	JC KROGNESS		
Compliance Project Comments	Submitted - PG O'Connor Robert Morson - Projects				

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
EXHAUSTSHMS		WC21082	Compaq	LTE	Win95	200W/LAB		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
B&KCALCPU		WB86024	Genesis	286	Win95	200W/LAB		PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
SHMS_GC		WC58874	Toshiba	405cs	Win95	200W/LAB		
SHMS_GC		WC55571	Toshiba	105cs	Win95	200W/LAB		
RAIL-1		WC58020	Toshiba	410CDT	Win95	200W/LAB		
WC58875		WC58875	Toshiba	405cs	Win95	200W/LAB		
WC56331		WC56331	Toshiba	105cs	Win95	200W/LAB		
WC58021		WC58021	Toshiba	410CDT	Win95	200W/LAB		
SHMSHOST		WC58835	Toshiba	110cs	Win95	200W/LAB		
SY-102GC		WC58684	Toshiba	405cs	Win95	200W/241SY		
BY-105HOST		WC58834	Toshiba	110cs	Win95	200E/241BY		
BY-105GC		WC58685	Toshiba	405cs	Win95	200E/241BY		
S-109HOST		WC58836	Toshiba	110cs	Win95	200W/241S		
S-109GC		WC58680	Toshiba	405cs	Win95	200W/241S		
A-101HOST		WC57631	Toshiba	115cs	Win95	200E/241A		
AN-101GC		WC58687	Toshiba	405cs	Win95	200E/241AN		

Compliance Project Name	Standard Hydrogen Monitoring System	Acronym	SHMS	Mission Critical	Y or N	Y
Point of Contact	TATE, DARON D	Responsible Mgr.	JC KROGNESS			
Compliance Project Comments	Submitted - PG O'Connor Robert Morson - Projects					

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
54	AN-101HOST	WC58833	Toshiba	110cs	Win95	200E/241AN		
	S-106GC	WC58873	Toshiba	405cs	Win95	200W/241S		
	A-101GC	WC58683	Toshiba	405cs	Win95	200E/241A		
	AN-EXH"D"	WC55572	Toshiba	105cs	Win95	200E/241AN		
	S-106HOST	WC58831	Toshiba	110cs	Win95	200W/241S		
	SX-103HOST	WC58837	Toshiba	110cs	Win95	200W/241SX		
	SX-103GC	WC58686	Toshiba	405cs	Win95	200W/241SX		
	AY-102"C"	WC58682	Toshiba	405cs	Win95	200E/241AY		
	C-106"C"	WC54540	Toshiba	105cs	Win95	200E/241C		
	AN-104"C"	WC59976	Toshiba	405cs	Win95	200E/241AN		
	AW-EXH"D"	Unknown	Toshiba		Win95	200E/241AW		
	SHMSHOST	WC58832	Toshiba	110cs	Win95	200W/LAB		
	U-105GC	WC58681	Toshiba	405cs	Win95	200W/241U		
	U-105HOST	WC57629	Toshiba	115cs	Win95	200W/241U		
	SY-102HOST	WC58838	Toshiba	110cs	Win95	200W/241SY		

Compliance Project Name	Tank Waste Information System	Acronym	TWINS	Mission Critical	Y or N	Y
Point of Contact	ADAMS, MELVIN R	Responsible Mgr.	JW HUNT			
Compliance Project Comments	There are four component systems.					

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
195	TWINSDEV	WD22545	Dell	PowerEdge 4200	NT 4.0	ISB2 Room 1	N/A	

Y2K Managers Name ADAMS, MELVIN R

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Compliance Project Name Tank Waste Information System Acronym TWINS Mission Critical Y or N Y
Point of Contact ADAMS, MELVIN R Responsible Mgr. JW HUNT
Compliance Project Comments There are four component systems.

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
445	TWINS	WD22120	Dell	PowerEdge 4200	NT 4.0	ISB2 Room 1	N/A	
	PCTWINS	WV00318	Micron	Millenia	NT 4.0	ISB1 Room 123	N/A	Micron lists compliance by Model, Motherboard and BIOS. There are 8 models of Millenia will contact POC for more data - SG Spencer 12/14/98

Y2K Managers Name BIEBESHEIMER, ERIC

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Compliance Project Name Environmental Requirements Management Interface Acronym ERMI Mission Critical Y or N Y
Point of Contact BIEBESHEIMER, ERIC Responsible Mgr. EE MAYER
Compliance Project Comments Submitted - LK Atwood* Submitted - OM Jaka

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
68	AP005	WC57599	AST	P5090	NT 4.0	200E/2753E/A106	MS	LMSI Owned Server

Y2K Managers Name JECH, JAMES B

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Compliance Project Name Computer Automated Surveillance System Acronym CASS Mission Critical Y or N Y
Point of Contact HOLM, MELISSA J Responsible Mgr. NW KIRCH
Compliance Project Comments Submitted - PG O'Connor

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
23	Deactivate	N/A	Data General	MV10000	N/A	N/A	N/A	No Further Action Req. The Data Generals are being deactivated as part of the migration of this system to TMACS. (See CASS Y2K Compliance Project)

Compliance Project Name Computer Automated Surveillance System

Acronym CASS

Mission Critical Y or N Y

Point of Contact HOLM, MELISSA J

Responsible Mgr. NW KIRCH

Compliance Project Comments Submitted - PG O'Connor

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
101	Deactivate	N/A	Data General	MV10000	N/A	N/A	N/A	No Further Action Req. The Data Generals are being deactivated as part of the migration of this system to TMACS. (See CASS Y2K Compliance Project)

Compliance Project Name Dry Well Van Control Program

Acronym DWVC

Mission Critical Y or N Y

Point of Contact HOLM, MELISSA J

Responsible Mgr. NW KIRCH

Compliance Project Comments Submitted - PG O'Connor | Confirmed - MJ Holm | 2nd Resp. Mgr. LARSON, RICHARD E (RICH), 373-3057 | 2nd POC DA Barnes 373-3667 |

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
27	Deactivate	N/A	Data General	MV1000	N/A	N/A	N/A	No Further Action Req. The Data Generals are being deactivated as part of the migration of this system to TMACS. (See CASS Y2K Compliance Project)
	Deactivate	N/A	Data General	MV1000	N/A	N/A	N/A	No Further Action Req. The Data Generals are being deactivated as part of the migration of this system to TMACS. (See CASS Y2K Compliance Project)

Compliance Project Name Master Equipment List Phase I

Acronym MEL

Mission Critical Y or N Y

Point of Contact JECH, JAMES B

Responsible Mgr. CE SHIPLER

Compliance Project Comments

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
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Compliance Project Name Master Equipment List Phase I Acronym MEL Mission Critical Y or N Y
 Point of Contact JECH, JAMES B Responsible Mgr. GE SHIPLER

Compliance Project Comments

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
31	WHC371	WC51698	AST	SMP 4/P60	NT 4.0 SP3	200E/2750E/D109	MEL1	

Compliance Project Name Procedure Information System Acronym PROCINFO Mission Critical Y or N Y
 Point of Contact THOMPSON, GREG L Responsible Mgr. JW COMER

Compliance Project Comments Submitted - LK Atwood | Confirmed - GL Thompson | 2nd POC, LEHMAN, WILLIAM J (JERRY), 373-4802 | (PROCINFO is not a database it is a WP 5.1 document viewing system only) (CPOOPS on AP005) (CPOPRCDS on AP012)

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
33	AP005	WC57599	AST	P5090	NT 4.0	200E/2753E/A106	CPOOPS	LMSI Owned Server
	AP012	LMSI	HP	LHPRO200	NT 4.0		CPOPRCDS	LMSI Owned Server

Compliance Project Name Surveillance Analysis Computer System Acronym SACS Mission Critical Y or N Y
 Point of Contact HOLM, MELISSA J Responsible Mgr. NW KIRCH

Compliance Project Comments Submitted - PG O'Connor | Confirmed - MJ Holm | 2nd POC BARNES, DAVID A, 373-3667 | 2nd Resp.Mgr. Larson RE, 373-9100 |

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
39	SACS	WC59856	Compaq	Proliant 4500	NT 4.0	200E/2750E/B107		
	UDO	WC59857	Compaq	Proliant 4500	NT 4.0	200E/2750E/B107		

Compliance Project Name Tank Farm Spare Pump Database Acronym TFSDB Mission Critical Y or N Y
 Point of Contact EVERETT, BRIAN K Responsible Mgr. DG BAIDE

Compliance Project Comments Confirmed - Brian Everett | Need to submit requirements for closing out Contingency Plan to Brian | No Fileserver (standalone)

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
10	WC64566	WC64566	AST	Bravo MS5200M	Win95	200E/274AW/B101	N/A	

Compliance Project Name		Temporary Labeling System				Acronym	TL5	Mission Critical Y or N		Y
Point of Contact		HERT, DENNY G				Responsible Mgr.		RL NELSON		
Compliance Project Comments		Submitted - LK Atwood Confirmed - DG Hert (Deactivated with intentions to incorporate into MEL Application)								
ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments		
41	Deactivate	N/A	Deactivate	N/A	N/A	N/A	N/A	No Further Action Req. System Deactivated.		

Compliance Project Name				Tank Monitor and Control System			Acronym	TMACS	Mission Critical Y or N		Y
Point of Contact				HOLM, MELISSA J			Responsible Mgr.		NW KIRCH		
Compliance Project Comments				Submitted - PG O'Connor Confirmed - MJ Holm 2nd POC BARNES, DAVID A, 373-3667 2nd Resp.Mgr. Larson, RE, 373-9100							
ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments			
40	TMACSPROD	WC58778	HP	NetServerLXPro	NT 4.0 SP3	200E/2750E/B107					
	TMACSDEV	WC58777	HP	NetServerLXPro	NT 4.0 SP3	200E/2750E/B107					
	TFS9	WC41551	SUN	SPARC10	UNIX	200E/2750E/B107					

Compliance Project Name		Distributed control system that controls the ventilation system.				Acronym	W-030	Mission Critical	Y or N	Y
Point of Contact		WINKELMAN, WAYNE D				Responsible Mgr.		JW HUNT		
Compliance Project Comments		2nd Resp. Mgr. BAIDE, DANIEL G (DAN), 376-3274 AY/AZ Ventilation Upgrade								
ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments		
32	Micon11	SUN		SPARC V	Sun OS4.14	200E/702AZ/Control Room		SPARC V's delivered on 8/10/98 installation in complete. One property number applies to all 4 workstations - Vendor supplied bypassed property		
	Micon12	SUN		SPARC V	Sun OS4.14	200E/702AZ/Control Room		SPARC V's delivered on 8/10/98 installation in complete. One property number applies to all 4 workstations - Vendor supplied bypassed property		
	Micon2	SUN		SPARC V	Sun OS4.14	200E/702AZ/Control Room		SPARC V's delivered on		

Y2K Managers Name JECH, JAMES B

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Compliance Project Name Distributed control system that controls the ventilation system.

Acronym W-030

Mission Critical Y or N Y

Point of Contact WINKELMAN, WAYNE D

Responsible Mgr. JW HUNT

Compliance Project Comments 2nd Resp. Mgr. BAIDE, DANIEL G (DAN), 376-3274 | AY/AZ Ventilation Upgrade

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
6114	Micon14	SUN	SPARC V	Sun OS4.14	200E/702AZ/Control Room			8/10/98 installation in complete. One property number applies to all 4 workstations - Vendor supplied bypassed property

Compliance Project Name Cross-Site Transfer Monitoring System (W-058)

Acronym W-058

Mission Critical Y or N Y

Point of Contact HUBER, JOHN H

Responsible Mgr. RE LARSON

Compliance Project Comments POC Resource being provided by Nick Kirch 373-2380 | Resp. Mgr. LARSON, RICHARD E (RICH), 373-3057 | Owner CB Bryan 373-2869 | Equipment JH Huber 373-5549 | Cog - MJ Suley 373-2408 | No fileserver, Pentium PCs (Gateway 2000s). Changed POC from Omar Riojas to John Huber as per Jim Jech's request 12/10/98 S.G. Spencer

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
24	No Network	Gateway	2000/P5-133	Win95	200W/242S/Control Room	N/A		No Property Numbers attached to hardware - Vendor Supplied the reason for no Property Numbers
	No Network	Gateway	2000/P5-133	Win95	200W/242S/Control Room	N/A		No Property Numbers attached to hardware - Vendor Supplied the reason for no Property Numbers

Y2K Managers Name SPENCER, STEPHEN G

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Y2K Managers Name SPENCER, STEPHEN G

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Compliance Project Name TWRS Lessons Learned Information System

Acronym TWRS LLIS

Mission Critical Y or N Y

Point of Contact MOORE, THOMAS L (JR)

Responsible Mgr. FO STRANKMAN

Compliance Project Comments Submitted - Linda Gifford* Website Rich Anema (Probably needs Tech Support) setting up requirements for LMSI support via TWRS Task Order. Complete except for Compliance Assurance Report from Rich Anema. Rec'd report on 9/17/98. Risk = 21

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
107	WHC372	WC51699	AST	SMP 4/P60	NT 4.0 SP3	200E/2750E/D107	LLEARNED	Replaced WHC14
	TWRSLL	WC58266	Micron	Millenia P166	NT4.0 SP3	200E/2750E/D212		Manufactured after 09/26/96 Y2K compliance threshold as per OEM documentation

Y2K Managers Name CRAIG, PHILIP A (PHIL)

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Compliance Project Name ASPEN

Acronym ASPEN

Mission Critical Y or N Y

Point of Contact ALLEN, GAIL K

Responsible Mgr. JS GARFIELD

Compliance Project Comments

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
75	STRIDER	WC51721	HP	Apollo 9000/735	HP-UX 10.20	200E/MO276		
	SAMWISE	N/A	HP	X-Terminal	HP-UX 10.20	200E/MO276		Dumb Terminal, value below property tagging threshold
	GANDALF	WC41805	HP	Apollo 9000/J282	HP-UX 10.20	200E/MO276		
	FRODO	WC41806	HP	Apollo 9000/735	HP-UX 10.20	200E/MO276		
	BILBO	WC41810	HP	Apollo 9000/735	HP-UX 10.20	200E/MO276		

Compliance Project Name HTWOS

Acronym HTWOS

Mission Critical Y or N Y

Point of Contact ALLEN, GAIL K

Responsible Mgr. JS GARFIELD

Compliance Project Comments

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
77	GANDALF	WC41805	HP	Apollo 9000/J282	HP-UX 10.20	200E/MO276		

Compliance Project Name **HTWOS**Acronym **HTWOS**Mission Critical Y or N **Y**Point of Contact **ALLEN, GAIL K**Responsible Mgr. **JS GARFIELD**

Compliance Project Comments

ID	File Server Name	Property Number	Make	Model	OperatingSystem	Location	Share Name	Infrastructure Comments
6177	FRODO	WC41806	HP	Apollo 9000/735	HP-UX 10.20	200E/MO276		
	BILBO	WC41810	HP	Apollo 9000/735	HP-UX 10.20	200E/MO276		
	SAMWISE	N/A	HP	X-Terminal	HP-UX 10.20	200E/MO276		Dumb Terminal, value below property tagging threshold
	STRIDER	WC51721	HP	Apollo 9000/735	HP-UX 10.20	200E/MO276		

File Server Status

Report Name: rptFileServerStatusCritical

Sort by: Y2K Manager
Acronym
Make

Checked Boxes = Yes

If OEM = Y, No test required

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Make	File Server Name	Property Number	Model	Network Y or N	Disps.	Deact. Replace Est. Date	T W R S	A r R c o r h i t	S A e g r r r v e	O D E O M C	T e s t	P a e s s t	S o 1 t u 5	C P o l n a t n g	A s e n o v	R e m p l t	Step Complete Date	Compliance Complete	Compl. Date
Y2K Manager: ADAMS, MELVIN R																			
Acronym: DACS	ID: 48	Point of Contact: TATE, DARON D																	
AST	STATION7	WC40544	Premium 486			Project Pla							5				9/2/98		
	RSS-11	WC46222	486			Replace	9/10/1998						1				9/9/98		
Gateway	WC56136	WC56136	486			Project Pla							5				9/2/98		
	RSS-17	WC56135	486			Replace	9/10/1998						1				9/9/98		
	RSS-15	WC56137	486			Replace	9/10/1998						1				9/9/98		
Micron	WC57479	WC57479	Notebook P133			Project Pla							5				9/2/98		
	RSS-13	WC62946	P233			Compliant							0					9/2/1998	
	STATION6	WC62947	P233			Compliant							0					9/2/1998	
	STATION5	WC57763	P233			Compliant							0					9/2/1998	
	STATION8	WC62948	P233			Compliant							0					9/2/1998	
Texas Inst.	MINI-DACS STA-8	WC56134	Micro 286			Project Pla							5				9/2/98		
	MINI-DACS STA-7	WC56133	Micro 286			Project Pla							5				9/2/98		
	STATION9	Unknown	Micro 286			Replace	9/10/1998						1				9/9/98		

Checked Boxes = Yes

If OEM = Y, No test required

Make	File Server Name	Property Number	Model	Network Y or N	Disp.	Deact. Replace Est. Date	T W R S	A r c h i t	S A e g c o r r e c t i v e	O D E O M C	T e s t	P a e s s e s t	S o l t o u t	C o l l e c t i o n s	A n a l y s i s	R e s u l t s	I m p o r t	Step Complete Date	Compliance Complete	Compl. Date
Acronym: DACS																				
Texas Inst.	STATION8	Unknown	Micro 286			Replace	9/10/1998	✓						1		✓	✓		9/9/98	
	STATION2	9679063 LAN	Micro 286			Replace	9/10/1998	✓						1		✓	✓		9/9/98	
	STATION7	Unknown	Micro 286			Replace	9/10/1998	✓						1		✓	✓		9/9/98	
	STATION6	Unknown	Micro 286			Replace	9/10/1998	✓						1		✓	✓		9/9/98	
	STATION5	Unknown	Micro 286			Replace	9/10/1998	✓						1		✓	✓		9/9/98	
	STATION1	9679049 LAN	Micro 286			Replace	9/10/1998	✓						1		✓	✓		9/9/98	
	MINI-DACS STA-5	WC56132	Micro 286			Project Pla		✓						5		✓	✓	✓	9/2/98	
Unknown	STATION9	WC15917	Action Instruments			Project Pla		✓						5		✓	✓	✓	9/2/98	
	STATION1	WC22967	Action Instruments			Replace	9/10/1998	✓						1		✓	✓		9/2/98	
	STATION4	Unknown	Unknown			Replace	9/10/1998	✓						1		✓	✓		9/9/98	
Acronym: GCS																				
AST	LABHOST	ID: 1 WC62774	Bravo			Project Pla		✓						5		✓	✓	✓	9/2/98	
	LABCDR	WC55296	Premmia 486/33			Replace	9/10/1998	✓						1		✓	✓		9/9/98	
	GCS1HOST	WC55328	Premmia GXP100			Replace	9/10/1998	✓						1		✓	✓		9/9/98	
	LABFTIR	WC54972	Premmia 486/33			Replace	9/10/1998	✓						1		✓	✓		9/9/98	
	GCSHOST	WC55329	P-100			Project Pla		✓						5		✓	✓	✓	9/2/98	
	WC42303	WC42303	Premmia 486/33			Replace	9/10/1998	✓						1		✓	✓		9/9/98	

Checked Boxes = Yes

If OEM = Y, No test required

Make	File Server Name	Property Number	Model	Network Y or N	Disp.	Deact. Replace Est. Date	T W R S	A r c h i t	R R c o r r e c t	S A e g g r e e	O D E O M C	T e s t	P T a e s s t	S o l t o u t	C P o l i t i c y	A s s e s s m e n t	R e m o v e	I m p l e m e n t	Step Complete Date	Compliance Complete	Compl. Date
Acronym: GCS																					
AST	AW-FTIR	WC51146	Premmia 486/33			Replace	9/10/1998	✓							1		✓	✓		9/9/98	
	AW-GC2	WC51826	Premmia 486/33			Replace	9/10/1998	✓							1		✓	✓		9/9/98	
	AW-GC1	WC51777	Premmia 486/33			Replace	9/10/1998	✓							1		✓	✓		9/9/98	
	GCS2HOST	WC55357	Premmia GXP100			Replace	9/10/1998	✓							1		✓	✓		9/9/98	
	AN-FTIR	WC46019	Premmia 486/33			Replace	9/10/1998	✓							1		✓	✓		9/9/98	
	AN-GC2	WC51863	Premmia 486/33			Replace	9/10/1998	✓							1		✓	✓		9/9/98	
	AN-GC1	WC51828	Premmia 486/33			Replace	9/10/1998	✓							1		✓	✓		9/9/98	
	LABGC	WC51776	Premmia 486/66			Project Pla		✓							5	✓	✓	✓		9/2/98	
IBM	HITRAN/GRAMS38	WC47282	ThinkPad			Project Pla		✓							5	✓	✓	✓		9/2/98	
Acronym: GMS-2																					
AST	KINETICS	WC45449	Premium SE 486/66			Replace	9/10/1998	✓							1		✓	✓		9/9/98	
	BLACKADDER	WC36367	Premmia 486/33			Replace	9/10/1998	✓							1		✓	✓		9/9/98	
	KINETICS	WC47223	Premmia SE 486/66			Replace	9/10/1998	✓							1		✓	✓		9/9/98	
	BLACKADDER	WC45652	Premmia 486/33			Project Pla		✓							5	✓	✓	✓		9/2/98	
IBM	OLD KINETICS	LANL	Tower 286			Project Pla		✓							5	✓	✓	✓		9/2/98	
	BLACKBOX	825177 LANL	Notebook 386/25			Replace	9/10/1998	✓							1		✓	✓		9/9/98	
Proprietary	SP4400	None	Proprietary			Project Pla		✓	R						5	✓	✓	✓		9/9/98	

Checked Boxes = Yes

If OEM = Y, No test required

Make	File Server Name	Property Number	Model	Network Y or N	Disp.	Deact. Replace Est. Date	T W R S	A r c h i t	S e g r e g r e	O D E O M C	T e s t	P t e s t	S o l t o u s t	C o l o n a l u s t g	A s s e s m e n t s	R e m o v e m e n t	Step Complete Date	Compliance Complete	Compl. Date	
Acronym: GMS-2 ID: 49 Point of Contact: TATE, DARON D																				
Proprietary	SP4400	None	Proprietary		Project Pla		☒	☐	☐	☒	☐	☐	☐	5	☒	☒	☒	9/9/98	☐	☐
	SPC3200	WC41047	Proprietary		Project Pla		☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	9/9/98	☐	☐
	SPC3200	None	Proprietary		Project Pla		☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	9/9/98	☐	☐
Texas Inst.	GASMAN	9679056 LAN	Micro 286		Replace	9/10/1998	☒	☐	☐	☐	☐	☐	☐	1	☐	☒	☒	9/9/98	☐	☐
Acronym: JCS - ADP ID: 50 Point of Contact: HAMILTON, JIMMY K (JIM)																				
HP	APJCS02	WC58220	LHPRO200	☒	Compliant		☐	☐	☒	☒	☐	☐	☐	0	☐	☐	☐		☒	8/3/1998
	APJCS01	WC58219	LHPRO200	☒	Compliant		☐	☐	☒	☒	☐	☐	☐	0	☐	☐	☒		☒	8/3/1998
	APJCS00	WC58221	LHPRO200	☒	Compliant		☐	☐	☒	☒	☐	☐	☐	0	☐	☐	☒		☒	8/3/1998
Acronym: LOWVP ID: 51 Point of Contact: BARNES, DAVID A																				
Compaq	SACS	WC59856	Proliant 4500	☒	Compliant		☐	☐	☒	☒	☐	☐	☐	0	☐	☐	☒		☒	8/25/1998
SUN	TFS9	WC41551	SPARC10	☒	Compliant		☒	☐	☒	☒	☐	☐	☐	0	☐	☐	☐		☒	9/9/1998
Acronym: Pu INVENTO ID: 53 Point of Contact: STAUFFER, LESLIE A																				
AST	WC61781	WC61781	Bravo MS 5200	☒	Compliant		☐	☐	☒	☒	☐	☐	☐	0	☐	☐	☒		☒	4/9/1998
	AP005	WC57599	P5090	☒	Compliant		☐	☐	☒	☒	☐	☐	☐	0	☐	☐	☐		☒	4/9/1998
Acronym: SHMS ID: 54 Point of Contact: TATE, DARON D																				
Compaq	EXHAUSTSHMS	WC21082	LTE		Replace	9/10/1998	☒	☐	☐	☐	☐	☐	☐	1	☐	☐	☒	9/9/98	☐	☐
Genesis	B&KCALCPU	WB86024	286		Replace	9/10/1998	☒	☐	☐	☐	☐	☐	☐	1	☐	☐	☒	9/9/98	☐	☐
Toshiba	SHMS_GC	WC58874	405cs		Project Pla		☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	9/2/98	☐	☐
	SHMS_GC	WC55571	105cs		Project Pla		☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	9/2/98	☐	☐
	RAIL-1	WC58020	410CDT		Project Pla		☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	9/2/98	☐	☐

Checked Boxes = Yes

If OEM = Y, No test required

Make	File Server Name	Property Number	Model	Network Y or N	Disp.	Deact. Replace Est. Date	T W R S	A r c h i t	S e g r e g r e v e	O E O M C	T e s t	P T a e s s t	S o l i t o u t	C P I o l i t y	A n a l y s i s	R e s o l u t i o n	I m p l e m e n t	Step Complete Date	Compliance Complete	Compl. Date
Acronym: SHMS																				
ID: 54 Point of Contact: TATE, DARON D																				
Toshiba	WC58875	WC58875	405cs			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐
	WC58331	WC58331	105cs			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐
	WC58021	WC58021	410CDT			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐
	SHMSHOST	WC58835	110cs			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐
	SY-102GC	WC58684	405cs			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐
	BY-105HOST	WC58834	110cs			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐
	BY-105GC	WC58685	405cs			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐
	S-109HOST	WC58836	110cs			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐
	S-109GC	WC58680	405cs			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐
	A-101HOST	WC57631	115cs			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐
	AN-101GC	WC58687	405cs			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐
	AN-101HOST	WC58833	110cs			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐
	S-106GC	WC58873	405cs			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐
	A-101GC	WC58683	405cs			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐
	AN-EXH'D	WC55572	105cs			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐
	S-106HOST	WC58831	110cs			Project Pla	☒	☐	☐	☐	☐	☐	☐	5	☒	☒	☒	☐	9/2/98	☐

Checked Boxes = Yes

If OEM = Y, No test required

Make	File Server Name	Property Number	Model	Network Y or N	Disp.	Deact. Replace Est. Date	T	W	A	S	A	O	D	T	P	T	S	C	P	A	R	I	Step Complete Date	Compliance Complete	Compl. Date
								R	R	E	E	O	E	A	E	O	I	S	E	M					
								S	H	I	V			T	S	T	U	S	T	N	E	O			
Acronym: SHMS		ID: 54	Point of Contact: TATE, DARON D																						
Toshiba	SX-103HOST	WC58837	110cs			Project Pla		✓										5	✓	✓	✓		9/2/98		
	SX-103GC	WC58686	405cs			Project Pla		✓										5	✓	✓	✓		9/2/98		
	AY-102"C"	WC58682	405cs			Project Pla		✓										5	✓	✓	✓		9/2/98		
	C-106"C"	WC54540	105cs			Project Pla		✓										5	✓	✓	✓		9/2/98		
	AN-104"C"	WC59976	405cs			Project Pla		✓										5	✓	✓	✓		9/2/98		
	AW-EXH"D"	Unknown				Project Pla		✓										5	✓	✓	✓		9/2/98		
	SHMSHOST	WC58832	110cs			Project Pla		✓										5	✓	✓	✓		9/2/98		
	U-105GC	WC58681	405cs			Project Pla		✓										5	✓	✓	✓		9/2/98		
	U-105HOST	WC57629	115cs			Project Pla		✓										5	✓	✓	✓		9/2/98		
	SY-102HOST	WC58838	110cs			Project Pla		✓										5	✓	✓	✓		9/2/98		
Acronym: TWINS		ID: 195	Point of Contact: ADAMS, MELVIN R																						
Dell	TWINSDEV	WD22545	PowerEdge 4200	✓	Compliant					✓	✓							0		✓			✓	12/14/1998	
	TWINS	WD22120	PowerEdge 4200	✓	Compliant					✓	✓							0		✓			✓	12/14/1998	
Micron	PCTWINS	WV00318	Millenia	✓	Compliant					✓	✓							0		✓			✓	12/18/1998	
Y2K Manager: BIEBESHEIMER, ERIC																									
Acronym: ERM		ID: 68	Point of Contact: BIEBESHEIMER, ERIC																						
AST	AP005	WC57599	P5090	✓	Compliant					✓	✓							0		✓			✓	4/9/1998	
Y2K Manager: JECH, JAMES B																									

Checked Boxes = Yes

If OEM = Y, No test required

Make	File Server Name	Property Number	Model	Network Y or N	Disp.	Deact. Replace Est. Date	T W R S	A r c h i t	S e c u r i t y	O D E M C	T e s t	P a s s w o r d	S e c u r i t y	C o n f i d e n t i a l i t y	A u t h o r i z a t i o n	R e m o v e	I m p o r t	Step Complete Date	Compliance Complete	Compl. Date
Acronym: CASS																				
	Data General	Deactivate	N/A	MV10000		Deactivate	3/31/1998	✓						1		✓	✓		9/9/98	
		Deactivate	N/A	MV10000		Deactivate	3/31/1998	✓						1		✓	✓		9/9/98	
Acronym: DWVC																				
		Deactivate	N/A	MV1000		Deactivate	3/31/1998	✓						1		✓	✓		9/9/98	
		Deactivate	N/A	MV1000		Deactivate	3/31/1998	✓						1		✓	✓		9/9/98	
Acronym: MEL																				
	AST	WHC371	WC51698	SMP 4/P60	✓	Compliant		✓						3		✓	✓	✓	✓	8/31/1998
Acronym: PROCINFO																				
	AP005		WC57599	P5090	✓	Compliant				✓	✓			0		✓			✓	4/9/1998
	HP	AP012	LMSI	LHPRO200	✓	Compliant				✓				0		✓			✓	4/9/1998
Acronym: SACS																				
	Compaq	SACS		WC59856	Proliant 4500	✓	Compliant				✓	✓		0		✓			✓	8/25/1998
		UDO	WC59857	Proliant 4500	✓	Compliant					✓	✓		0		✓			✓	8/25/1998
Acronym: TFSDB																				
	AST	WC64566	WC64566	Bravo MS5200M	✓	Compliant				✓	✓			0		✓			✓	8/26/1998
Acronym: TLS																				
	Deactivate	Deactivate	N/A	N/A		Deactivate	7/2/1998							0		✓	✓	✓	✓	7/2/1998
Acronym: TMACS																				
	HP	TMACSPROD	WC58778	NetServerLXPro	✓	Compliant				✓	✓			0		✓			✓	8/3/1998
		TMACSDEV	WC58777	NetServerLXPro	✓	Compliant				✓	✓			0		✓			✓	8/3/1998
	SUN	TFS9	WC41551	SPARC10	✓	Compliant		✓	R	✓	✓			0		✓			✓	9/9/1998
Acronym: W-030																				
	Micon11			SPARC V		Compliant			R	✓	✓			0		✓			✓	8/25/1998
		Micon12		SPARC V		Compliant			R	✓	✓			0		✓			✓	8/25/1998

Checked Boxes = Yes

If OEM = Y, No test required

Make	File Server Name	Property Number	Model	Network Y or N	Disp.	Deact. Replace Est. Date	T W R S	A r r c h i t	S A e g r r v e	O D E O M C	T e s t	P T a e s s t	S o l t u s t	C P o l n a t n g	A s e n s i v	R e m o v e	Step Complete Date	Compliance Complete	Compl. Date
Acronym: W-030 ID: 32 Point of Contact: WINKELMAN, WAYNE D																			
SUN	Micon2		SPARC V		Compliant			R	M	M				0		M			8/25/1998
	Micon14		SPARC V		Compliant			R	M	M				0		M			8/25/1998
Acronym: W-058 ID: 24 Point of Contact: HUBER, JOHN H																			
Gateway	No Network		2000/P5-133		Compliant		M	I		M				0		M			8/26/1998
	No Network		2000/P5-133		Compliant		M	I		M				0		M			8/26/1998
Y2K Manager: SPENCER, STEPHEN G																			
Acronym: TWRS LJIS ID: 107 Point of Contact: MOORE, THOMAS L (JR)																			
AST	WHC372	WC51699	SMP 4/P60		Compliant		M	I		M				0		M	M	M	9/9/1998
Micron	TWRSLL	WC58286	Millenia P186		Compliant		M	I		M	M	M	M	0		M	M	M	8/11/1998
Y2K Manager: CRAIG, PHILIP A (PHIL)																			
Acronym: ASPEN ID: 75 Point of Contact: ALLEN, GAIL K																			
HP	STRIDER	WC51721	Apollo 9000/735		Compliant			R	M	M	M	M	0			M	M	M	5/6/1998
	SAMWISE	N/A	X-Terminal		Compliant			R	M	M	M	M	0			M	M	M	5/6/1998
	GANDALF	WC41805	Apollo 9000/J282		Compliant			R	M	M	M	M	0			M	M	M	5/6/1998
	FRODO	WC41806	Apollo 9000/735		Compliant			R	M	M	M	M	0			M	M	M	5/6/1998
	BILBO	WC41810	Apollo 9000/735		Compliant			R	M	M	M	M	0			M	M	M	5/6/1998
Acronym: HTWOS ID: 77																			
	GANDALF	WC41805	Apollo 9000/J282		Compliant			R	M	M	M	M	0			M	M	M	5/6/1998
	FRODO	WC41806	Apollo 9000/735		Compliant			R	M	M	M	M	0			M	M	M	5/6/1998
	BILBO	WC41810	Apollo 9000/735		Compliant			R	M	M	M	M	0			M	M	M	5/6/1998

Make	File Server Name	Property Number	Model	Network Y or N	Disp.	Deact. Replace Est. Date	T W R S	A r c h i t	S e g r e v e	O E O M C	T e s t	P t a e s t	S o l t o 5	C P U n a n g	A s s e s m e n t	R e n o v e l t	Step Complete Date	Compliance Complete	Compl. Date			
Acronym: HTWOS		ID: 77	Point of Contact: ALLEN, GAIL K																			
HP	SAMWISE	N/A	X-Terminal		M	Compliant			R	M	M	M	M	0			M	M	M		✓	5/6/1998
	STRIDER	WC51721	Apollo 9000/735		M	Compliant			R	M	M	M	M	0			M	M	M		✓	5/6/1998

Sort Order:
Make
Disposition
Property Number

TWRS Critical Systems Platforms by Property Number Report

HWF-3418
Rev. 1
Appendix B
10/6/1998 10/9/1998

Activity			POC	Component ID Number	Property Number	File Server Name	Make	Model	Disposition	Repl. Replace Ext. Date	Complete Date	Initial Comments
MEL TPE	ERMI	PROCINFO	JECH, JAMES B STAUFFER, LESLIE A		WC51698 WC57599	WHC371 AF005	AST AST	SMP 4IP60 P5090	Compliant Compliant		8/31/1998 4/9/1998	LMSI Owned Server, LMSI Owned Workstation, Both Compliant IAW site Docs.
TPE			STAUFFER, LESLIE A		WC61781	WC61781	AST	Bravo MS 5200	Compliant		4/9/1998	
TFSD8			EVERETT, BRIAN K		WC64568	WC64568	AST	Bravo M55200M	Compliant		8/28/1998	
DACS			TATE, DARON D		WC40544	STATION7	AST	Premmia 486	Proj. Plan		9/2/1998	
GCS			TATE, DARON D		WC51776	LABC	AST	Premmia 486/66	Proj. Plan		9/2/1998	
GCS			TATE, DARON D		WC55329	GCSHOST	AST	P-100	Proj. Plan		9/2/1998	
GMS-2			TATE, DARON D		WC62774	LABHOST	AST	Bravo	Proj. Plan		9/2/1998	
GMS-2			TATE, DARON D		WC45652	BLACKADDER	AST	Premmia 486/33	Proj. Plan		9/2/1998	
			TATE, DARON D		WC36367	BLACKADDER	AST	Premmia 486/33	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
GCS			TATE, DARON D		WC42303	WC42303	AST	Premmia 486/33	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
GMS-2			TATE, DARON D		WC45449	KINETICS	AST	Premium SE 486/66	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
GCS			TATE, DARON D		WC46019	AN-FTIR	AST	Premmia 486/33	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
DACS			TATE, DARON D		WC46222	RSS-11	AST	486	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
GMS-2			TATE, DARON D		WC47223	KINETICS	AST	Premmia SE 486/66	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
GCS			TATE, DARON D		WC51146	AW-FTIR	AST	Premmia 486/33	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
GCS			TATE, DARON D		WC51777	AW-GC1	AST	Premmia 486/33	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
GCS			TATE, DARON D		WC51826	AW-GC2	AST	Premmia 486/33	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
GCS			TATE, DARON D		WC51826	AN-GC1	AST	Premmia 486/33	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
GCS			TATE, DARON D		WC51863	AN-GC2	AST	Premmia 486/33	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
GCS			TATE, DARON D		WC54972	LABFTIR	AST	Premmia 486/33	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
GCS			TATE, DARON D		WC55296	LABCDR	AST	Premmia 486/33	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
GCS			TATE, DARON D		WC55328	GCSHOST	AST	Premmia GXP100	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
GCS			TATE, DARON D		WC55357	GCS2HOST	AST	Premmia GXP100	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
24 AST			Compliant - 4	Replace - 15	Deactivate - 0	Proj. Plan - 6						
LOWVP	SACS		BARNES, DAVID A		WC59856	SACS	Compaq	Proliant 4500	Compliant		8/25/1998	
SACS			HOLM, MELISSA J		WC59857	UDO	Compaq	Proliant 4500	Compliant		8/25/1998	
ADPROC			HOLM, MELISSA J		WC17917	PRT020	Compaq	S3L-486/66	Deactivate	9/10/1998	9/9/1998	Deactivated on 9/10/98 files moved to APTFG01

Sort Order:
Make
Disposition
Property Number

TWRS Critical Systems Platforms by Property Number Report

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Property Number		Acronym	POC		Component ID Number	Property Number	File Server Name	Make	Model	Disposition	Refire Replace Est. Date	Complete Date	IntracComments
SHMS			TATE, DARON D			WC21082	EXHAUSTSHMS	Compaq	LTE	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
4 Compaq			Compliant - 2	Replace - 1	Deactivate - 1	Proj. Plan - 0							
CASS	DWVC		HOLM, MELISSA J	HOLM, MELISSA J		N/A	Deactivate	Data General	MV10000	Deactivate	3/31/1998	9/9/1998	No Further Action Req. The Data Generals are being deactivated as part of the migration of this system to TMACS. (See CASS Y2K Compliance Project)
CASS	DWVC		HOLM, MELISSA J	HOLM, MELISSA J		N/A	Deactivate	Data General	MV10000	Deactivate	3/31/1998	9/9/1998	No Further Action Req. The Data Generals are being deactivated as part of the migration of this system to TMACS. (See CASS Y2K Compliance Project)
2 Data General			Compliant - 0	Replace - 0	Deactivate - 2	Proj. Plan - 0							
TLS			HERT, DENNY G			N/A	Deactivate	Deactivate	N/A	Deactivate	7/2/1998	7/2/1998	No Further Action Req. System Deactivated.
1 Deactivate			Compliant - 0	Replace - 0	Deactivate - 1	Proj. Plan - 0							
TCD	TVD		ADAMS, MELVIN R	ADAMS, MELVIN R		WD22120	TWINS	Dell	Power Edge 4200	Compliant		4/9/1998	
1 Dell			Compliant - 1	Replace - 0	Deactivate - 0	Proj. Plan - 0							
W-058			RIOJAS, OMAR				No Network	Gateway	2000iP5-133	Compliant		8/26/1998	No Property Numbers attached to hardware - Vendor Supplied the reason for no Property Numbers
W-058			RIOJAS, OMAR				No Network	Gateway	2000iP5-133	Compliant		8/26/1998	No Property Numbers attached to hardware - Vendor Supplied the reason for no Property Numbers
DACS			TATE, DARON D			WC56136	WC56136	Gateway	486	Proj. Plan		9/2/1998	Spare
DACS			TATE, DARON D			WC56135	RSS-17	Gateway	486	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
DACS			TATE, DARON D			WC56137	RSS-15	Gateway	486	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
6 Gateway			Compliant - 2	Replace - 2	Deactivate - 0	Proj. Plan - 1							
SHMS			TATE, DARON D			WU06024	B&K/CAL CPU	Genesis	286	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
1 Genesis			Compliant - 0	Replace - 1	Deactivate - 0	Proj. Plan - 0							
PROCONF	HTWOS	ASPEN	THOMPSON, GREG L ALLEN, GAIL K	ALLEN, GAIL K		493	LMSI N/A	AP012 SAMWISE	iHP iHP	LHPRO200 X-Terminal	Compliant Compliant	4/9/1998 5/6/1998	LMSI Owned Server Dumb Terminal, value below property tagging threshold
HTWOS	ASPEN		ALLEN, GAIL K	ALLEN, GAIL K		424	WC41805	GANDOLF	HP	Apollo 9000/715-50	Compliant	5/6/1998	
HTWOS	HTWOS		ALLEN, GAIL K	ALLEN, GAIL K		412	WC41806	FRODO	HP	Apollo 9000/735	Compliant	5/6/1998	
HTWOS	ASPEN		ALLEN, GAIL K	ALLEN, GAIL K		369	WC41810	BILBO	HP	Apollo 9000/735	Compliant	5/6/1998	
HTWOS	ASPEN		ALLEN, GAIL K	ALLEN, GAIL K		512	WC51721	STRIDER	HP	Apollo 9000/735	Compliant	5/6/1998	
JCS - ADP			HAMILTON, JIMMY K (JIM)			3552	WC58219	APJCS01	iHP	LHPRO200	Compliant	8/3/1998	
JCS - ADP			HAMILTON, JIMMY K (JIM)			3553	WC58220	APJCS02	HP	LHPRO200	Compliant	8/3/1998	
JCS - ADP			HAMILTON, JIMMY K (JIM)			3554	WC58221	APJCS00	HP	LHPRO200	Compliant	8/3/1998	System Complete, No Further Action Req.
TMACS			HOLM, MELISSA J				WC58777	TMACSD5V	HP	NetServer LXPro	Compliant	8/3/1998	
TMACS			HOLM, MELISSA J				WC58778	TMACSPROD	HP	NetServer LXPro	Compliant	8/3/1998	
11 HP			Compliant - 11	Replace - 0	Deactivate - 0	Proj. Plan - 0							
GMS-2			TATE, DARON D			LANL	OLD KINETICS	IBM	Tower 286	Proj. Plan		9/2/1998	
GCS			TATE, DARON D			WC47282	HITRANGRAMS38	IBM	ThinkPad	Proj. Plan		9/2/1998	
GMS-2			TATE, DARON D			825177 LANL	BLACKBOX	IBM	Notebook 386/25	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time

TWGS Critical Systems Platforms by Property Number Report

Sort Order:
Make
Disposition
Property Number

Property Number	Account	POC	Component ID Number	Property Name	Prop. Equip. Items	Make	Model	Description	Relay Breaker Est. Date	Complete Date	Inter-Comments
TWRS LUIS			348	WC37119	WVC14	IBM	Model SS P00	Replace	9/15/1998	9/9/1998	Replaced by AST SMP 4 SMP Property # PA17265. Renamed to BDCPMS
4 IBM		Replace - 2	Prof. Plan - 2	Discontinue - 0	Replace - 0	Compliant - 0					
ADPCC	THOMPSON, GREG L						Millenia P166	Compliant	8/11/1998		
LAMPHERE, JOHN E							Millenia P200	Compliant	9/2/1998		Replaced ASI 486 . WVC45231
Silverwell - ODE	JACKO						Millenia P166	Compliant	9/9/1998		
TWRS LUIS	MOORE, THOMAS L (JR)						Millenia P166	Compliant	9/11/1998		
Silverwell - ODE	LAMPHERE, JOHN E						Millenia P200	Compliant	9/9/1998		
DACS	TATE, DARON D						P233	Compliant	9/2/1998		
DACS	TATE, DARON D						P233	Compliant	9/2/1998		
DACS	ADAMS, MELVIN R						Millenia XKD 200	Compliant	9/2/1998		Replaced Gateway 486 . WC56131
TVO	TATE, DAROND						Notebook P133	Proj. Plan	9/2/1998		Replaced Gateway 486 . WC56131
10 Micron		Replace - 8	Prof. Plan - 1	Discontinue - 0	Replace - 0	Compliant - 8					
GUS-2	TATE, DARON D						Proprietary	Proj. Plan	9/9/1998		
GMS-2	TATE, DARON D						Proprietary	Proj. Plan	9/9/1998		
GMS-2	TATE, DARON D						Proprietary	Proj. Plan	9/9/1998		
4 Proprietary LOWVP	BARNES, DAVID A	Replace - 0	Prof. Plan - 4	Discontinue - 0	Replace - 0	Compliant - 0					
TMACS											
LOWVP											
W-030	WINKELMAN, WAYNE D						SPARC V	Compliant	8/25/1998		SPARC V's delivered on 8/10/98 number applies to all 4 workstations . One property reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time . PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time .
W-030	WINKELMAN, WAYNE D						SPARC V	Compliant	8/25/1998		SPARC V's delivered on 8/10/98 number applies to all 4 workstations . One property reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time . PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time .
W-030	WINKELMAN, WAYNE D						SPARC V	Compliant	8/25/1998		SPARC V's delivered on 8/10/98 number applies to all 4 workstations . One property reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time . PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time .
W-030	WINKELMAN, WAYNE D						SPARC V	Compliant	8/25/1998		SPARC V's delivered on 8/10/98 number applies to all 4 workstations . One property reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time . PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time .
6 SUN	TATE, DARON D	Replace - 6	Prof. Plan - 0	Discontinue - 0	Replace - 0	Compliant - 6					
DACS											
DACS	TATE, DARON D						Micro 286	Proj. Plan	9/2/1998		
DACS	TATE, DARON D						Micro 286	Proj. Plan	9/2/1998		
DACS	TATE, DARON D						Micro 286	Proj. Plan	9/2/1998		
DACS	TATE, DARON D						Micro 286	Replace	9/10/1998		
GMS-2	TATE, DARON D						Micro 286	Replace	9/10/1998		
DACS	TATE, DARON D						Micro 286	Replace	9/10/1998		

Sort Order:
Make
Disposition
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Acronym	POC	Component ID Number	Property Number	File Server Name	Make	Model	Disposition	Replace Est. Date	Complete Date	Notes/Comments
DACS	TATE, DARON D		Unknown	STATION5	Texas Inst.	Micro 286	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
DACS	TATE, DARON D		Unknown	STATION9	Texas Inst.	Micro 286	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
DACS	TATE, DARON D		Unknown	STATION8	Texas Inst.	Micro 286	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
DACS	TATE, DARON D		Unknown	STATION7	Texas Inst.	Micro 286	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
DACS	TATE, DARON D		Unknown	STATION6	Texas Inst.	Micro 286	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
11 Texas Inst.										
Sailweb - DDE	Compliant - 0	Replace - 8	Deactivate - 0	Proj. Plan - 3						
Sailweb - DDE	LAMPHIERE, JOHN E (JACK)			WC65371	WC65371	Toshiba	Satellite Pro 490CDT	Compliant		9/2/1998
Sailweb - DDE	LAMPHIERE, JOHN E (JACK)			WC65372	WC65372	Toshiba	Satellite Pro 490CDT	Compliant		9/2/1998
SHMS	TATE, DARON D		Unknown	AW-EXH'D"	Toshiba			Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC5840	S-106C"	Toshiba	105cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC55571	SHMS GC	Toshiba	105cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC55572	AN-EXH'D"	Toshiba	105cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC56331	WC56331	Toshiba	105cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC57629	U-105HOST	Toshiba	115cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC57631	A-101HOST	Toshiba	115cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58020	RAIL-1	Toshiba	4100CDT		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58021	WC58021	Toshiba	4100CDT		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58880	S-109GC	Toshiba	405cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58681	U-105GC	Toshiba	405cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58682	AY-102C"	Toshiba	405cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58683	A-101GC	Toshiba	405cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58684	SY-102GC	Toshiba	405cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58685	BY-105GC	Toshiba	405cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58686	SX-103GC	Toshiba	405cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58687	AN-101GC	Toshiba	405cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58631	S-104HOST	Toshiba	110cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58632	SHMSHOST	Toshiba	110cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58633	AN-101HOST	Toshiba	110cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58634	BY-105HOST	Toshiba	110cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58635	SHMSHOST	Toshiba	110cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58636	S-104HOST	Toshiba	110cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58637	SX-103HOST	Toshiba	110cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58638	SY-102HOST	Toshiba	110cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58673	S-106GC	Toshiba	405cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58674	SHMS GC	Toshiba	405cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC58675	WC58675	Toshiba	405cs		Proj. Plan		9/2/1998
SHMS	TATE, DARON D		WC59876	AN-104C"	Toshiba	405cs		Proj. Plan		9/2/1998
31 Toshiba										
DACS	TATE, DARON D		WC15917	STATION9	Unknown	Action Instruments	Proj. Plan		9/2/1998	
DACS	TATE, DARON D		Unknown	STATION4	Unknown	Unknown	Replace	9/10/1998	9/9/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
DACS	TATE, DARON D		WC22967	STATION1	Unknown	Action Instruments	Replace	9/10/1998	9/2/1998	PC reserved in pool as replacement to be installed as scheduled unless ordered replacement arrives in time
3 Unknown										
LMHC Dedicated Fileservers Non-Critical										
TCBD	SPENCER, STEPHEN G		349	WC49935	WHC60	AST	Bravo MS-T P100	Compliant	9/9/1998	Site Y2K lists property # as WC52765 this is incorrect

TWRS Critical Systems Platforms by Property Number Report

Sort Order:
None
Reporting
Property Number

TCBD	System	Owner	Chassis ID Number	Property Number	File System Name	Model	Model	Disposition	Start Replace Est. Date	Complete Date	Life Cycle Comments
TCBD	SPENCER, STEPHEN G		90	WC1514	WC1387	AST	SE 48068	Replace		8/22/1998	Replaced by AST Bravo M5T P100 Property # WC59802, Renamed to OCHMCS
TCBD	SPENCER, STEPHEN G		278	WC5188	WC1371	AST	SMP 4P960	Compliant		9/5/1998	
TCBD	SPENCER, STEPHEN G		279	WC5189	WC1372	AST	SMP 4P960	Compliant		9/10/1998	
TCBD	SPENCER, STEPHEN G		280	WC5190	WC1373	AST	SMP 4P960	Compliant		9/11/1998	
TCBD	SPENCER, STEPHEN G		281	WC5191	WC1374	AST	SMP 4P960	Compliant		9/12/1998	
TCBD	SPENCER, STEPHEN G		443	WC08478	HP4	HP	Apollo 9000/738	Compliant		5/9/1998	
TCBD	SANTAVARTANA, K.										
Servers listed on Site Y2K Database but not listed on the TWRS Database as active											
			351	WC48069	CE48	SCI		Deactivate			
			399	WC58484	ELECTRO	SUN		Deactivate			
			427	WC20981	GOFFY	SUN		Deactivate			
			458	WC41598	MINI	SUN		Deactivate			
			481	WC58985	REGAL	SUN		Deactivate			
			487	WC59308	SET1	SUN		Deactivate			
			488	WC59309	SET2	SUN		Deactivate			
			507	WC59225	SPARC ARRAY	SUN		Deactivate			
			527	WC28437	TF510	SUN		Replace			
			528	WC28438	TF511	SUN		Replace			
			530	WC28443	TF514	SUN		Deactivate			
			531	WC28372	TF515	SUN		Deactivate			
			532	WC41552	TF516	SUN		Deactivate			
			533	WC59872	TF517	SUN		Deactivate			
			535	WC59871	TF53	SUN		Deactivate			
			538	WC28378	TF57	SUN		Deactivate			
			539	WC51813	TF58	SUN		Deactivate			
			547	WC47882	PROBE	SUN		Deactivate			
			547	WC47882	TROPER	SUN		Deactivate			
			557	WC48882	TWEETY	SUN		Deactivate			
			559	WC51869	TWRESSE	SUN		Deactivate			
			584	WC44001	WCAG1	Isologo		Deactivate			
			585	WC41578	WC281	Isologo		Deactivate			
			4384	WC60685	TWRSLL	AST	Prenmia 48068	Replace		8/11/1998	Replaced by Micron Millennia P-100, Property # WC59269

Platforms	117
Compliant	36
Replace	31
Deactivate	4
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Y2KProjectName	ComponentName	Make	Model	Processor	PrimaryOS	PropertyNumber	SerialNumber	ComponentIDNumber	status	PROJECT	disp	DETAIL DATA
LMHC-Dedicated Fileservers	WHC60			486		WC52785		349	NT FILESERVER		COMPLIANT	
LMHC-Dedicated Fileservers	WHC374			Pentium		WC51701		281	NT FILESERVER		COMPLIANT	
LMHC-Dedicated Fileservers	WHC373			Pentium		WC51700		280	NT FILESERVER		COMPLIANT	
LMHC-Dedicated Fileservers	WHC372			Pentium		WC51699		279	NT FILESERVER		COMPLIANT	
LMHC-Dedicated Fileservers	WHC371			Pentium		WC51698		278	NT FILESERVER		COMPLIANT	
LMHC-Dedicated Fileservers	APVDON1							37596	NT FILESERVER		COMPLIANT	
LMHC-Dedicated Fileservers	APJC502	HP	NETSERVER LHPRO 6200	INTEL PENTIUM PRO-20	NT	WC58220		3553	NT FILESERVER		COMPLIANT	
LMHC-Dedicated Fileservers	APJC501	HP	NETSERVER LHPRO 6200	INTEL PENTIUM PRO-20	NT	WC58219		3552	NT FILESERVER		COMPLIANT	
LMHC-Dedicated Fileservers	APJC500	SUN	12 GB STORAGE ARRAY	INTEL PENTIUM PRO-20	NT	WC58221		3554	NT FILESERVER		COMPLIANT	
LMHC-Dedicated Fileservers	sparc array	SUN	S20TX1-51-32-P48			WC55225	504K0231	507	Nat. UNIX	PERSONAL WS	DEACTIVATE	PORTER, PATTY
LMHC-Dedicated Fileservers	triple	SUN	S20TX1-51-32-P48			WC51688	431F1441	553	Nat. UNIX	PERSONAL WS	DEACTIVATE	PORTER, PATTY
LMHC-Dedicated Fileservers	twelve	SUN	420FM-8			WC48862	421F3450	557	Nat. UNIX	PERSONAL WS	DEACTIVATE	PORTER, PATTY
LMHC-Dedicated Fileservers	ts18	SUN	S20TX-11-32-P48			WC59672	537F00F7	534	Nat. UNIX	EXCESSED	DISCARDED	
LMHC-Dedicated Fileservers	mufasa	SUN	SUN			WC59666	536F0728	481	Nat. UNIX	PERSONAL WS	DISCARDED	SPRINGER
LMHC-Dedicated Fileservers	electro	SUN	S10GX-41-32-P48			WC56484	312F0833	399	Nat. UNIX	PERSONAL WS	DISCARDED	PORTER, PATTY
LMHC-Dedicated Fileservers	ds8	SUN	S20TX1-51-32-P48			WC51813	436F2880	539	Nat. UNIX	EXCESSED	DISCARDED	
LMHC-Dedicated Fileservers	wcas1	SUN	450N-16-P44			WC41576	230M0824	566	Nat. UNIX	EXCESSED	DISCARDED	
LMHC-Dedicated Fileservers	minit	SUN	450N-16-P44			WC41568	215M0454	498	Nat. UNIX	EXCESSED	DISCARDED	
LMHC-Dedicated Fileservers	ts17	SUN	S10GX-30-32-P42			WC41551	238F0818	533	Nat. UNIX	EXCESSED	DISCARDED	
LMHC-Dedicated Fileservers	ts7	SUN	475GX-32-P43			WC26378	141F1900	538	Nat. UNIX	EXCESSED	DISCARDED	
LMHC-Dedicated Fileservers	ts11	SUN	475GX-32-P43			WC26373	141F1618	538	Nat. UNIX	EXCESSED	DISCARDED	
LMHC-Dedicated Fileservers	ts15	SUN	475GX-32-P43			WC26372	143F1847	531	Nat. UNIX	EXCESSED	DISCARDED	
LMHC-Dedicated Fileservers	ts14	SUN	475GX-32-P43			WC26343	141F1384	530	Nat. UNIX	EXCESSED	DISCARDED	W98T0034
LMHC-Dedicated Fileservers	gpoofy	SUN	4750P4-9			WC20981	114G3476	427	Nat. UNIX	EXCESSED	DISCARDED	
LMHC-Dedicated Fileservers	rsgal	SUN	S20TX1-51-32-P48			WC51685	431F1438	482	FY99 UNIX	SYS ENG	DISCARDED	
LMHC-Dedicated Fileservers	ts11	SUN	S51X1-85-32-P46			WC55308	509F017B	497	FY99 UNIX	SYS ENG	DISCARDED	
LMHC-Dedicated Fileservers	twisse	SUN	S1101-01-32-P65			WC51689	432K0068	559	FY99 UNIX	TMACS	ESSENTIAL	
LMHC-Dedicated Fileservers	ts8	SUN	475GX-32-P42			WC26374	141F1381	540	FY99 UNIX	TMACS	ESSENTIAL	
LMHC-Dedicated Fileservers	sanwise					NONE	CA-45K31092	493	FY99 UNIX	TFSM	ESSENTIAL	
LMHC-Dedicated Fileservers	gandalf	HP	APOLLO 9000/115-50			WC41805	8150A86528	424	FY99 UNIX	TFSM	ESSENTIAL	
LMHC-Dedicated Fileservers	trido	HP	APOLLO 9000/756			WC41806	8320A01267	412	FY99 UNIX	TFSM	ESSENTIAL	
LMHC-Dedicated Fileservers	balbo	HP	APOLLO 9000/735			WC41810	6321A01368	368	FY99 UNIX	TFSM	ESSENTIAL	
LMHC-Dedicated Fileservers	ts3	SUN	S20TX-11-32-P46			WC39671	535F0A83	535	Nat. UNIX	PERSONAL WS	NOT ESSENTIAL	GLASSCOCK
LMHC-Dedicated Fileservers	strider					WC51721	6441A00003	547	Nat. UNIX	PERSONAL WS	NOT ESSENTIAL	GARFIELD
LMHC-Dedicated Fileservers	toolste	SUN	S10GX-41-32-P46			WC42362	312F2808	498	FY99 UNIX	SECC S. HECHT	NOT ESSENTIAL	MILLER, SCOTT
LMHC-Dedicated Fileservers	set2	SUN	S51X1-85-32-P45			WC42369	441F1159	564	FY99 UNIX	SATI GRP	NOT ESSENTIAL	
LMHC-Dedicated Fileservers	wca91	INDIGO	R4000 ELAN			WC42001	35261177	443	FY99 UNIX	SATI GRP	NOT ESSENTIAL	
LMHC-Dedicated Fileservers	hp1	HP	APOLLO 9000/736			WC06476	6251A02054	381	FY99 UNIX	SATI GRP	NOT ESSENTIAL	
LMHC-Dedicated Fileservers	cead	SCI	INDIGO2			WC48968	80060978296	4364	NT FILESERVER	REPLACE	REPLACE	
LMHC-Dedicated Fileservers	TWRS3LL			486		WC40083		90	NT FILESERVER	REPLACE	REPLACE	
LMHC-Dedicated Fileservers	WHC287			486		WC47814		346	NT FILESERVER	REPLACE	REPLACE	
LMHC-Dedicated Fileservers	WHC14			486		WC37116		37557	NT FILESERVER	REPLACE	REPLACE	
LMHC-Dedicated Fileservers	APPRMS03	SUN	S10GX-30-32-P42			WC41552	238F0932	532	Nat. UNIX	TMACS	REPLACE	HELLER
LMHC-Dedicated Fileservers	ts16	SUN	475GX-32-P42			WC26348	141F1897	529	Nat. UNIX	TMACS	REPLACE	HELLER
LMHC-Dedicated Fileservers	ts12	SUN	475GX-32-P42			WC26347	141F0973	527	Nat. UNIX	TMACS	REPLACE	HELLER
LMHC-Dedicated Fileservers	ts10	SUN	475GX-32-P42									

Post-it Fax Note 7672

Printed Page
Date: 11/11/98

No. of Pages

Today's Date

Time

To **Steve Spencer**
Company **Lmsi**

From **J.J. Line**
Company **Lmsi**
Location **2261**

Dept. Charge

Fax # **3-1050**
20E 2750

Telephone # **3-2955**

Fax #

Telephone # **3-6570**

Comments

Original
Disposition:

☐ Destroy

☐ Return

☐ Call for pickup

15/98

Standard Report

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pName	CompDesc	Make	Model	CPU	OS	Company	Comments	Appl
AD01	NT ADMIN STVCH	AST	P5090	INTEL PENTIUM-90	NT	LMSI		AD
AD02	NT ADMIN 200W	AST	P5090	INTEL PENTIUM-90	NT	LMSI		AD
AD03	NT ADMIN (DEFAULT) 300	AST	P5090	INTEL PENTIUM-90	NT	LMSI		AD
AD04	NT ADMIN 700 AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		AD
AD05	NT ADMIN 200E AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		AD
AD06	NT ADMIN 300 AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		AD
AD07	NT ADMIN 200E AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		AD
ADNPM01	NT ADMIN W/S: ACCT MGT	AST	Premia	4860X	NT	LMSI	REPLACE	AN
ADSI100	WIN INSTALL 1100 AREA	AST	SE 4/66d	4860X	NT	LMSI	REPLACE	AN
ADS200	WIN INSTALL 200E AREA	AST	SE 4/66d	4860X	NT	LMSI	REPLACE	AN
ADS200W	WIN INSTALL 200W AREA	AST	SE 4/66d	4860X	NT	LMSI	REPLACE	AN
ADS300	WIN INSTALL 300 AREA	AST	SE 4/66d	4860X	NT	LMSI	REPLACE	AN
AP001	NT APPL SERVER - RCN	HP	LH	INTEL PENTIUM PRO200	NT	LMSI		AO
AP002	NT APPL SERVER - 200W	HP	LH	INTEL PENTIUM PRO200	NT	LMSI		AO
AP003	NT APPL SERVER - 300	HP	LH	INTEL PENTIUM PRO200	NT	LMSI		AO
AP004	NT APPL SERVER - 700	HP	LH	INTEL PENTIUM PRO200	NT	LMSI		AO
AP005	NT APPL SERVER - 200E	HP	LH	INTEL PENTIUM PRO200	NT	LMSI		AO
AP006	NT APPL SERVER - 400	HP	LH	INTEL PENTIUM PRO200	NT	LMSI		AO
AP008	NT APPL SERVER - 700	HP	LH	INTEL PENTIUM PRO200	NT	LMSI		AO
AP010	NT APPL SERVER - RCN	HP	LH	INTEL PENTIUM PRO200	NT	LMSI		AO
AP012	NT APPL SERVER - 200E	HP	LH	INTEL PENTIUM PRO200	NT	LMSI		AO
AP014	NT APPL SERVER - STVCH	AST	P5090	INTEL PENTIUM	NT	LMSI		AO
AP015	NT APPL SERVER - STVCH	AST	P5090		NT	LMSI		AO
AP016	NT APPL SERVER - STVCH	AST	P5090	INTEL PENTIUM-90	NT	LMSI		AO
AP017	NT APPL SERVER - 1200JAD	AST	P5090	INTEL PENTIUM-90	NT	LMSI		AO
APBSRCH01	BSEARCH NT DEVELOPMENT	AST	P5090		NT	FDH		AP
APCNS01	NT NAS TEST LAB F/S	AST	SE 4/66d	4860X	NT	LMSI	REPLACE	AN
APCNS02	NT NAS TEST LAB F/S	AST	SE 4/66d	4860X	NT	LMSI	REPLACE	AN
APDEVO1	NT APPL ISS DEV F/S	AST	P5090	INTEL PENTIUM-90	NT	LMSI		AN
APDEVO2	NT APPL ISS DEV F/S	AST	P5090	INTEL PENTIUM-90	NT	LMSI		AN
APDEVO3	NT SQL6.5 DEVELOPMENT F/S	AST	P5090	INTEL PENTIUM-90	NT	LMSI		AN
APDEVO4	NT APPL ISS DEV F/S	AST	P5090	Pentium	NT	LMSI		AN
APDEVO5	NT APPL ISS DEV F/S	AST	P5090	INTEL PENTIUM	NT	LMSI		AN
APDEVO6	NT SQL6.5 DEVELOPMENT F/S	AST	P5090	INTEL PENTIUM-90	NT	LMSI		AN
APDEVO7	NT IIS3.0 WEB DEVELOPMENT	AST	P5090	INTEL PENTIUM-90	NT	LMSI		AN
APDSS01	DSS PRODUCTION F/S	COMPAQ	P4000	Pentium	NT	FDH		AP
APETIS01	NT EIS DEVELOPMENT F/S	AST	P	INTEL PENTIUM 133	NT	FDH		AP
APETIS02	NT EIS DEVELOPMENT F/S	AST	P	INTEL PENTIUM 133	NT	FDH		AP
APESD01	ELECTRONIC SOFTWARE DIST	AST	P5090	INTEL PENTIUM-90	NT	FDH		AP
APESD02	ELECTRONIC SOFTWARE DIST	AST	P5090		NT	FDH		AP
APESD03	ELECTRONIC SOFTWARE DIST	AST	P5090		NT	FDH		AP
APEU01	EUC GROUP STORAGE	AST	Premia	4860X	NT	LMSI	REPLACE	AN
APEU02	EUC GROUP STORAGE	AST	Premia	4860X	NT	LMSI	REPLACE	AN
APEXC	NT EXCHANGE MAIL F/S	HP	Millennia	Pentium 166	NT	LMSI		MN
APEXCH01	NT EXCHANGE MAIL F/S	HP	LX	Pentium PRO 200	NT	LMSI		MN
APEXCH02	NT EXCHANGE MAIL F/S	HP	LX	Pentium PRO 200	NT	LMSI		MN
APEXCH03	NT EXCHANGE MAIL F/S	HP	LX	Pentium PRO 200	NT	LMSI		MN
APEXCH04	NT EXCHANGE MAIL F/S	HP	LX	Pentium PRO 200	NT	LMSI		MN
APEXCH05	NT EXCHANGE MAIL F/S	HP	LX	Pentium PRO 200	NT	LMSI		MN
APEXCH06	NT EXCHANGE MAIL F/S	HP	LX	Pentium PRO 200	NT	LMSI		MN
APEXCHTR	NT EXCHANGE MAIL F/S	AST	P5090		NT	LMSI		MN
APH2K01	NT HANDI 2000 F/S	HP	LH	INTEL PENTIUM PRO200	NT	LMSI		AN
APH2K02	NT HANDI 2000 F/S	HP	LH	INTEL PENTIUM PRO200	NT	LMSI		AN
APIMC01	NT EXCHANGE INC GATEWAY	AST	P5090	INTEL PENTIUM-90	NT	LMSI		MN
APISDEV01	ISEARCH DEVELOPMENT	COMPAQ	4500	PENTIUM	NT	FDH		AP
APISRCH01	ISEARCH	AST	P5090	Pentium	NT	FDH		AP
APISRCH02	ISEARCH	AST	P5090	Pentium	NT	FDH		AP
APISRCH03	ISEARCH	AST	P5090	Pentium	NT	FDH		AP
APISRCH04	ISEARCH	AST	P5090	Pentium	NT	FDH		AP
APISRCH05	ISEARCH	COMPAQ	PROLIANT 4	Pentium	NT	FDH		AP
APISRCH06	ISEARCH	COMPAQ	PROLIANT 4	Pentium	NT	FDH		AP

APISRCH08	ISEARCH	COMPAQ	PROLIANT 4	Pentium	NT	FDH		AP
APISRCH09	ISEARCH	COMPAQ	PROLIANT 5	Pentium	NT	FDH		AP
APJCS00	JCS APPLICATION	HP	LH	INTEL PENTIUM PRO200	NT	FDH		AP
APJCS01	JCS APPLICATION	HP	LH	INTEL PENTIUM PRO200	NT	FDH		AP
APJCS02	JCS APPLICATION	HP	LH	INTEL PENTIUM PRO200	NT	FDH		AP
APJCSIDX00	JCS INDEXER	AST	Premia		NT	FDH	REPLACE	AI
APJCSIDX01	JCS INDEXER	AST	Premia		NT	FDH	REPLACE	AI
APJCSIDX03	JCS INDEXER	AST	Premia		NT	FDH	REPLACE	AI
APJCSIDX05	JCS INDEXER	AST	Premia		NT	FDH	REPLACE	AI
APJCSIDX09	JCS INDEXER	AST	Premia		NT	FDH	REPLACE	AI
APJCSIDX17	JCS INDEXER	AST	Premia		NT	FDH	REPLACE	AI

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HNF-3418
Rev. 1
Appendix 7

BCS12	700 DATA STORAGE	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
BCS41	CC:MAIL/HUWR/SW UPD ADMIN	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
BCS61	PHOTOGRAPHY SERVICES	COMPAQ	386-33	386	LM	LMSI	RETIRE	RT
BCS7	700/RCHC GENERAL PURPOSE	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
BCS77	PBS -PUB INT BILLING SYS	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
BCS8	LOOKUP SQL SERVER	AST	SE 4/66d	4860X	NT	LMSI	REPLACE	AN
BCS84	NPM S/W STANDARD LIB	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
BCS85	CCMAIL/GENERAL DELIVERY	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
BCS91	NETWORK OPERATIONS	AST	486-33	486	LM	LMSI	RETIRE	RT
BETS200	BETS200 R/U TAPE CONTROL	AST	SE 4/66d	4860X	NT	LMSI	RETIRE	RT
BETS300	BETS300 R/U TAPE CONTROL	AST	SE 4/66d	4860X	NT	LMSI	RETIRE	RT
BETS700	BETS700 R/U TAPE CONTROL	AST	SE 4/66d	4860X	NT	LMSI	RETIRE	RT
BETS201	BETS201	AST	Premia	4860X	NT	LMSI	REPLACE	BU
BETS202	BETS202	AST	Premia	4860X	NT	LMSI	REPLACE	BU
BETS203	BETS203	AST	Premia	4860X	NT	LMSI	REPLACE	BU
BETS204	BETS204	AST	Premia	4860X	NT	LMSI	REPLACE	BU
BETS205	BETS205	AST	Premia	4860X	NT	LMSI	REPLACE	BU
BETS206	BETS206	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS207	BETS207	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS208	BETS208	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS301	BETS301	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS302	BETS302	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS303	BETS303	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS304	BETS304	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS305	BETS305	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS306	BETS306	AST	Premia	486	NT	LMSI	RETIRE	RT
BETS307	BETS307	AST	Premia	486	NT	LMSI	RETIRE	RT
BETS308	BETS308	AST	Premia	486	NT	LMSI	RETIRE	RT
BETS701	BETS701	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS702	BETS702	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS703	BETS703	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS704	BETS704	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS705	BETS705	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS706	BETS706	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS707	BETS707	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS708	BETS708	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS711	BETS711	AST	Premia	4860X	NT	LMSI	RETIRE	RT
BETS712	BETS712	AST	Premia	486	NT	LMSI	RETIRE	RT
BETS713	BETS713	AST	Premia	486	NT	LMSI	RETIRE	RT
BETS714	BETS714	AST	Premia	486	NT	LMSI	RETIRE	RT
BETS7A1	BETS7A1 LIBRARY	HP	LD		NT	LMSI		BU
BETS7EST	BETS TEST SYSTEM	AST	95090	INTEL PENTIUM-90	NT	LMSI		BU
CCH1G001	CC:MAIL	COMPAQ	386-25	386	MS	LMSI	RETIRE	RT
CCHMR1	CC:MAIL	WIN	386-SX	386	MSNET	LMSI	RETIRE	RT
CCHMS00	CC:MAIL	AST	386-33	386	LM	LMSI	RETIRE	RT
CCHMS00A	CC:MAIL	AST	386-33	386	MS	LMSI	RETIRE	RT
CCHMS01A	CC:MAIL	AST	SE 4/66d	486	MS	LMSI	RETIRE	RT
CCHMS02	CC:MAIL	AST	386-33	386	LM	LMSI	RETIRE	RT
CCHMS02A	CC:MAIL	AST	386-33	386	MS	LMSI	RETIRE	RT
CCHMS03	CC:MAIL	AST	486-33	486	LM	LMSI	RETIRE	RT
CCHMS03A	CC:MAIL	AST	486-33	486	MS	LMSI	RETIRE	RT
CCHMS04	CC:MAIL	AST	486-33	486	LM	LMSI	RETIRE	RT
CCHMS04A	CC:MAIL	AST	486-33	486	MS	LMSI	RETIRE	RT
CCMAIL	CCMAIL	AST	P5090	Pentium	NT	LMSI	RETIRE	RT
CCMD01	CC:MAIL	WIN	286	286	MSNET	LMSI	RETIRE	RT
CCMD02	CC:MAIL	AST	Premia	486	MSNET	LMSI	RETIRE	RT
CCMD03	CC:MAIL	AST	Premia	486	MSNET	LMSI	RETIRE	RT
CCMD04	CC:MAIL	AST	Premia	486	MSNET	LMSI	RETIRE	RT
CCMD05	CC:MAIL	AST	Premia	486	MSNET	LMSI	RETIRE	RT
CCMD06	CC:MAIL	WIN	386-SX	386	MSNET	LMSI	RETIRE	RT
CCMD07	CC:MAIL	AST	386-33	386-33	MSNET	LMSI	RETIRE	RT
CCMD08	CC:MAIL	COMPAQ	386-25	386	MSNET	LMSI	RETIRE	RT
CCMG01	CC:MAIL	AST	Premia	486	MSNET	LMSI	RETIRE	RT
CCMG0201	CC:MAIL	AST	Premia	486	MSNET	LMSI	RETIRE	RT
CCMG0202	CC:MAIL	AST	Premia	486	MSNET	LMSI	RETIRE	RT
CCMG0203	CC:MAIL	AST	Premia	486	MSNET	LMSI	RETIRE	RT
CCMG0204	CC:MAIL	AST	Premia	486	MSNET	LMSI	RETIRE	RT
CCMG0301	CC:MAIL	AST	Premia	486	MSNET	LMSI	RETIRE	RT
CCMG0302	CC:MAIL	AST	Premia	486	MSNET	LMSI	RETIRE	RT
CCMG0401	CC:MAIL	WIN	386-SX	386	MSNET	LMSI	RETIRE	RT
CCMG0403	CC:MAIL	WIN	386-33	386	MSNET	LMSI	RETIRE	RT
CCMG0601	CC:MAIL	AST	Premia	486	MSNET	LMSI	RETIRE	RT
CCMG0701	CC:MAIL	CCMPAQ	386-25	386	MSNET	LMSI	RETIRE	RT
CCMG0901	CC:MAIL	AST	Premia	486	MSNET	LMSI	RETIRE	RT
CCMG1401	CC:MAIL	WIN	286	286	MSNET	LMSI	RETIRE	RT
CCMG1501	CC:MAIL	AST	Premia	486	MSNET	LMSI	RETIRE	RT
CCMG1601	CC:MAIL FAX	GEN	286	286	MSNET	LMSI	RETIRE	RT
CCMG1901	CC:MAIL	AST	386-33	386	MSNET	LMSI	RETIRE	RT

CCMG85	CC:MAIL	COMPAQ	386-20	386	MSNET	LMSI	RETIRE	RT
CCMG85A	CC:MAIL/GEN DELIVERY B/U	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
CCMG9999	CC:MAIL	WIN	386-SX	386SX	MSNET	LMSI	RETIRE	RT
CMF5	CAD DATASET MGT SYSTEM	AST	SE 4/66d	486DX	NT	FDH	REPLACE	AP
DC1100ANS	DC1100ANS	AST	Premia	486-33	NT	LMSI	REPLACE	DC
DC1100HANFORD	DC1100HANFORD	AST	GX-90	Pentium	NT	LMSI	REPLACE	DC
DC200EANS	DC200EANS	AST	Premia		NT	LMSI	REPLACE	DC
DC200EHANFORD	DC200EHANFORD	AST	GX-90	Pentium	NT	LMSI	REPLACE	DC
DC200WHANFORD	DC200WHANFORD	AST	GX-90		NT	LMSI	REPLACE	DC
DC300ANS	DC300ANS	AST	GX-100		NT	LMSI	REPLACE	DC
DC300HANFORD	DC300HANFORD	AST	GX-90	Pentium	NT	LMSI	REPLACE	DC
DC700ANS	DC700ANS	AST	Premia	486	NT	LMSI	REPLACE	DC
DC700HANFORD	DC700HANFORD	AST	GX-90	Pentium	NT	LMSI	REPLACE	DC
DCSMS	DCSMS	HP	LH	INTEL PENTIUM PRO200	NT	LMSI		DC
DCSTVCNHNANFOR	DCSTVCNHNANFOR - PRIMARY	AST	GX-90	INTEL PENTIUM-90	NT	LMSI	REPLACE	DC
DHCP1100	DHCP1100	AST	GX-100	Pentium	NT	LMSI	REPLACE	DH
DHCP200E	DHCP200E	AST	GX-100		NT	LMSI	REPLACE	DH
DHCP200W	DHCP200W	AST	GX-100		NT	LMSI	REPLACE	DH
DHCP300	DHCP300	AST	GX-100	INTEL PENTIUM-100	NT	LMSI	REPLACE	DH
DHCP700	DHCP700	AST	GX-100	INTEL PENTIUM-100	NT	LMSI	REPLACE	DH
DOE24	DCAMS-3601C	AST	SE 4/66d	486DX	NT	LMSI	REPLACE	AN
DS001	NT DATA STORAGE RCHN	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS002	NT DATA STORAGE 200W	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS003	NT DATA STORAGE 300 AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS004	NT DATA STORAGE 700 AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS005	NT DATA STORAGE 200E AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS006	NT DATA STORAGE 300 AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS007	NT DATA STORAGE RCHN	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS008	NT DATA STORAGE 700 AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS009	NT DATA STORAGE RCHN	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS010	NT DATA STORAGE 200E	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS011	NT DATA STORAGE 200E AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS012	NT DATA STORAGE 200E AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS013	NT DATA STORAGE 200E AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS014	NT DATA STORAGE 200W	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS015	NT DATA STORAGE 400 AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS016	NT DATA STORAGE TERM DR	AST	SE 4/66d	486DX	NT	LMSI	RETIRE	RT
DS017	NT DATA STORAGE 636CULLUM	AST	SE 4/66d		NT	LMSI	RETIRE	RT
DS018	NT DATA STORAGE RCHN	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS019	NT DATA STORAGE 1200JAD	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS020	NT DATA STORAGE 200W AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS021	NT DATA STORAGE 700 AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS022	NT DATA STORAGE 1100 AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS023	NT DATA STORAGE 200E AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
DS024	NT DATA STORAGE 1100 AREA	AST	P5090	INTEL PENTIUM-90	NT	LMSI		DO
GPS0004	NT HAS TEST LAB F/S	AST	P5090	INTEL PENTIUM-90	NT	LMSI		AN
HR151	HRIS/WHC	ALR	Q SMP	INTEL PENTIUM-166	NT	FDH		AP
HR152	HRIS/WHC	ALR	Q SMP	INTEL PENTIUM	NT	FDH		AP
HR153	HRIS/WHC	ALR	Q SMP	INTEL PENTIUM	NT	FDH		AP
HR154	HRIS/WHC	ALR	Q SMP	INTEL PENTIUM-166	NT	FDH		AP
HR155	HRIS/WHC	ALR	Q SMP	Pentium	NT	FDH		AP
JCS00	JCS00	AST	SE 4/66d		LM	FDH	RETIRE	RT
JCS001	JCS00 BACKUP INDEX-WS	AST	Premia II	486	MSNET	FDH	RETIRE	RT
JCS01	JCS DEVELOPMENT	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
JCS011	JCS01 BACKUP INDEX-WS	AST	Premia II	486	MSNET	FDH	RETIRE	RT
JCS03	PPF	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
JCS04	JCS03 BACKUP INDEX-WS	AST	Premia	486	MSNET	FDH	RETIRE	RT
JCS05	TEST & EVALUATION	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
JCS06	JCS05 BACKUP INDEX-WS	COMPAQ	386-25	386	MSNET	FDH	RETIRE	RT
JCS09	B PLANT	AST	486-33	486	LM	FDH	RETIRE	RT
JCS10	JCS09 BACKUP INDEX-WS	AST	486-33	486	MSNET	FDH	RETIRE	RT
JCS11	ELECTRICAL UTILITIES	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
JCS12	JCS11 BACKUP INDEX-WS	COMPAQ	386-33	386	MSNET	FDH	RETIRE	RT
JCS13	POWERHOUSES/WATER	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
JCS14	JCS13 BACKUP INDEX-WS	COMPAQ	386-33	386	MSNET	FDH	RETIRE	RT
JCS15	200 AREA GAS	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
JCS16	JCS15 BACKUP INDEX-WS	COMPAQ	386-25	386	MSNET	FDH	RETIRE	RT
JCS17	200E TANK FARMS	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
JCS18	JCS17 BACKUP INDEX-WS	AST	Premia	486	MSNET	FDH	RETIRE	RT
JCS19	222S LABS	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
JCS20	JCS19 BACKUP INDEX-WS	AST	Premia	486	MSNET	FDH	RETIRE	RT
JCS23	200 WEST TANK FARMS	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
JCS24	JCS23 BACKUP INDEX-WS	AST	Premia	486	MSNET	FDH	RETIRE	RT
JCS25	FFTF/MASF/TEM CELL	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
JCS26	JCS25 BACKUP INDEX-WS	COMPAQ	386-33	386	MSNET	FDH	RETIRE	RT
JCS27	400 AREA GAS/FMEF	COMPAQ	386-33	386	LM	FDH	RETIRE	RT
JCS28	JCS27 BACKUP INDEX-WS	COMPAQ	386-33	386	MSNET	FDH	RETIRE	RT
JCS33	K-BASIS	AST	SE 4/66d	486	LM	FDH	RETIRE	RT

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JCS34	JCS33 BACKUP INDEX-WS	AST	486-33	486	MSNET	FDH	RETIRE	RT
JCS35	SOLID WASTE	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
JCS36	JCS35 BACKUP INDEX-WS	COMPAQ	486-25	386	MSNET	FDH	RETIRE	RT
JCS40	JCS39 BACKUP INDEX-WS	COMPAQ	386-33	386	MSNET	FDH	RETIRE	RT
JCS41	JCS41 @ 200 AREA	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
JCS42	JCS41 BKUP INDEX-WS	AST	Premia	486	MSNET	FDH	RETIRE	RT
JCS43	300 AREA POWERHOUSE	COMPAQ	386-33	386	LM	FDH	RETIRE	RT
JCS44	JCS43 BACKUP INDEX-WS	AST	486-33	486	MSNET	FDH	RETIRE	RT
JCS45	200 AREA WSCF	COMPAQ	386-33	386	LM	FDH	RETIRE	RT
JCS46	JCS45 BACKUP INDEX-WS	COMPAQ	386-33	386	MSNET	FDH	RETIRE	RT
JCS49	200E	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
JCS50	JCS49 BACKUP INDEX-WS	COMPAQ	386-33	386	MSNET	FDH	RETIRE	RT
KEH15	KEH	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
KEH18	200 AREA	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
KEH20	KEH	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
MCW328	MAXIMO	AST	SE 4/66d	486	NT	FDH	REPLACE	AP
MYCO	MACTEC	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
NETCLOCK	NETCLOCK SERVICE	AST	Premia	486DX	NT	LMSI	REPLACE	AN
NPT	CMS SOURCESAFE	AST	SE 4/66d	486	NT	LMSI	REPLACE	AN
OTS	ONLINE TRAVEL SYSTEM	AST	SE 4/66d	486DX	NT	FDH	REPLACE	AP
OTSPROD	ONLINE TRAVEL SYSTEM	COMPAQ	SYSTEM PRO	PENTIUM	NT	FDH		
PAR	PAR PRODUCTION	AST	Premium II	486	MS	FDH	RETIRE	RT
PRT003	TWR/TSM	AST	386-33	386	NT	FDH	REPLACE	PS
PRT009	KEH ENG	AST	Premia	486DX	NT	FDH	REPLACE	PS
PRT019	FDNW 1200 JADWIN 3RD FL	AST	Premia	486	NT	FDH	REPLACE	PS
PRT020	TWR/WTO	COMPAQ	386-33	386	LM	FDH	RETIRE	RT
PRT025	200E AREA TWR/ENG	AST	486-33	486DX	NT	FDH	REPLACE	PS
PRT027	DESIGN SERVICES	WIN	486-33	486	NT	FDH	REPLACE	PS
PRT038	KEH UCA	WIN	486-33	486	NT	FDH	REPLACE	PS
PRT039	KEH CAD PLOTTER	WIN	486-66	486	NT	FDH	REPLACE	PS
PRT040	KEH CAD PLOTTER	COMPAQ	386-25	386	NT	FDH	REPLACE	PS
PS1101	NT PRINT SERVER	AST	GX-90	INTEL PENTIUM	NT	LMSI	REPLACE	PN
PS1102	NT PRINT SERVER	MICRON	Millennia	INTEL PENTIUM	NT	LMSI		
PS2E01	NT PRINT SERVER	AST	GX-90	INTEL PENTIUM	NT	LMSI	REPLACE	PN
PS2E02	NT PRINT SERVER	AST	GX-90	INTEL PENTIUM	NT	LMSI	REPLACE	PN
PS2E03	NT PRINT SERVER	MICRON	Millennia	INTEL PENTIUM	NT	LMSI		
PS2W01	NT PRINT SERVER	AST	GX-90	INTEL PENTIUM	NT	LMSI	REPLACE	PN
PS3001	NT PRINT SERVER	MICRON	Millennia	INTEL PENTIUM	NT	LMSI		
PS4001	NT PRINT SERVER	AST	Premia	486DX	NT	LMSI	REPLACE	PN
PS7001	NT PRINT SERVER	AST	GX-90	INTEL PENTIUM	NT	LMSI	REPLACE	PN
PS7002	NT PRINT SERVER	AST	GX-90	INTEL PENTIUM	NT	LMSI	REPLACE	PN
PS7003	NT PRINT SERVER	AST	GX-100	INTEL PENTIUM	NT	LMSI	REPLACE	PN
PS7004	NT PRINT SERVER	MICRON	Millennia	INTEL PENTIUM	NT	LMSI		
PSR001	NT PRINT SERVER	AST	GX-90	INTEL PENTIUM	NT	LMSI	REPLACE	PN
SM300HANFORD	TEST LAB SERVER	AST	P5090	4860X2	NT	LMSI		
SOFT00	SOFT REPORTING	COMPAQ	386-33	386	LM	FDH	RETIRE	RT
SOFT0A	SOFT REPORTING	AST	386-33	386	LM	FDH	RETIRE	RT
SOLCTS200	COMMITMENT TRACKING SYS	AST	SE 4/66d	486	NT	FDH	REPLACE	AP
SR10	SOFT REPORTING - REPORT	AST	P5090	INTEL PENTIUM	NT	FDH		
TIS00	TIS ADMINISTRATION	AST	SE 4/66d		NT	FDH	REPLACE	AP
TLIMC01	NT EXCHANGE TEST F/S	AST	P5090	INTEL PENTIUM-90	NT	LMSI		
TLNC20	NT EXCHANGE TEST F/S	AST	P5090	INTEL PENTIUM-90	NT	LMSI		
TLNC21	NT EXCHANGE TEST F/S	AST	P5090	Pentium	NT	LMSI		
TMX	TMX PRODUCTION	AST	P5090	Pentium	NT	FDH		
UDO	SACS DEVELOPMENT	COMPAQ	PROLIANT 4	INTEL PENTIUM-100	NT	LMHC		
VFM1	VFM SQL DATABASE SERVER	COMPAQ	SYSTEM PRO	486	NT	DYN		
WHC101	HIP (HANFORD INVENTORY)	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
WHC102	WHC101 BACKUP INDEX-WS	AST	486-33	486	MSNET	FDH	RETIRE	RT
WHC108	SCS	AST	SE 4/66d	486	LM	FDH	RETIRE	RT
WHC14	TWRS/PMCS	IBM	95	486	NT	LMHC	REPLACE	AP
WHC186	WHC OCCURENCE NOTIF.	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
WHC197	EA/SAR	AST	486-33	486	NT	LMSI	REPLACE	AN
WHC230	OSS/SUP	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
WHC252	FFTF OPERATIONS	AST	486-33	486	LM	LMSI	RETIRE	RT
WHC255	200 AREA	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
WHC264	MAINT. TRAINING	AST	486-33	486	LM	LMSI	RETIRE	RT
WHC265	MTM-MANDATORY TRNG METRIC	AST	486-33	486	LM	FDH	RETIRE	RT
WHC287	TWRS	AST	SE 4/66d	486	NT	LMHC	REPLACE	AP
WHC313	TWRS-PMCS	AST	SE 4/66d		NT	LMHC	REPLACE	AP
WHC316	OSS	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
WHC320	700 AREA DATA STORAGE	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
WHC347	MAC SERVER	AST	SE 4/66d	486DX	NT	LMSI	REPLACE	AN
WHC351	CC:MAIL SCS	AST	486-33	486	NT	LMSI	RETIRE	RT
WHC371	PMCS	AST	P5090	Pentium	NT	LMHC		
WHC372	PMCS	AST	P5090	Pentium	NT	LMHC		
WHC373	PMCS	AST	P5090	Pentium	NT	LMHC		
WHC374	PMCS	AST	P5090	Pentium	NT	LMHC		
WHC391	PARS (700 AREA)	AST	SE 4/66d	486	LM	FDH	RETIRE	RT

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WHC398	ISS DEV SHARE SYSTEM	AST	SE 4/66d	486DX2	NT	FDH	REPLACE	AP
WHC399	ISS DEV OF SHARE SYSTEM	AST	SE 4/66d	486DX	NT	FDH	REPLACE	AP
WHC403	EA	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
WHC404	WEATHER STATION: OS/2 WS	AST	SE 4/66d		OS/2WS	FDH	REPLACE	AP
WHC55	MAC NT SERVER 200E	AST	SE 4/66d	486DX	NT	LMSI	REPLACE	AN
WHC60	TWRS/PMCS	AST	BRAVO MS-T	PENTIUM 100	NT	LMHC		AP
WHC64	TIS APPL	COMPAQ	P4000	Pentium	NT	FDH		AP
WHC68	TIS	COMPAQ	P4000	Pentium	NT	FDH		AP
WHC7	1100 AREA DATA STORAGE	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
WHC81	ESQ/SAS BADGING DEV F/S	COMPAQ	P4000	Pentium	NT	BWHC		AP
WHC87	ESQ/SAS	COMPAQ	P4000	Pentium	NT	BWHC		AP
WHC93	MAC NT SERVER 300 AREA	AST	SE 4/66d	486DX	NT	LMSI	REPLACE	AN
WHC95	WASTE VOLUME PROJ SYS	AST	SE 4/66d	486	LM	LMSI	RETIRE	RT
WINS1100	WINS1100	AST	GX-90	Pentium	NT	LMSI	REPLACE	WN
WINS200E	WINS200E	AST	GX-90	Pentium	NT	LMSI	REPLACE	WN
WINS200W	WINS200W	AST	GX-90	Pentium	NT	LMSI	REPLACE	WN
WINS300	WINS300	AST	GX-90	INTEL PENTIUM-90	NT	LMSI	REPLACE	WN
WINS700	WINS700	AST	GX-90	INTEL PENTIUM-90	NT	LMSI	REPLACE	WN
WWW2	EXTERNAL WEB SERVER	AST	P5090		NT	LMSI		AN

Spencer, Stephen G

From: Dunn, Robert B
Sent: Friday, October 09, 1998 11:03 AM
To: Spencer, Stephen G
Cc: Jech, James B
Subject: RE: Y2K PLATFORM VERIFICATION AND RESEARCH

Steve,

Beth's machine number is 503220-301. What is left to do on this? I talked with Laurie Moeller about 1 week ago but haven't heard any more from her. What do I need to do next?

Rob

-----Original Message-----

From: Spencer, Stephen G
Sent: Friday, October 09, 1998 10:20 AM
To: Dunn, Robert B
Cc: Jech, James B
Subject: RE: Y2K PLATFORM VERIFICATION AND RESEARCH

Rob,

Thanks for the quick response this really helps a lot.

I found the 272AW platform but I'm having a hard time finding the part number for Beth's machine on the AST list. For her model the closest part number I could find is 503320-xxx, would you mind verifying the number on her machine one more time. I know this is a real pain but it will make life easier in the long run.

Steve Spencer

-----Original Message-----

From: Dunn, Robert B
Sent: Friday, October 09, 1998 9:05 AM
To: Spencer, Stephen G
Cc: Jech, James B
Subject: RE: Y2K PLATFORM VERIFICATION AND RESEARCH

Steve,

There are 2 tool crib systems. The one you have identified here is with Beth Haggerty at CPO. Her machine bar code number is 503220-301.

The second tool crib program that Y2K is applicable to is at the tool crib in 272AW. Both tool cribs use the same software. In my discussions with Jim Jech we decided that doing the Y2K paperwork on one would also resolve the other. It may require copying the forms and changing the names but that's all.

The computer in 272AW is an AST, BRAVO 5200M, WC63170, Win95, 2E/272AW/29 503323-601

If you have any questions please call me at 3-4719.

Rob Dunn

-----Original Message-----

From: Spencer, Stephen G
Sent: Thursday, October 08, 1998 11:03 AM
To: Dunn, Robert B
Cc: Jech, James B
Subject: Y2K PLATFORM VERIFICATION AND RESEARCH
Importance: High

Robert,

Are you the point of contact for the "Tool Crib Database"? If not, please either forward this message to whom ever the POC is. If you do not know who the POC is please let me know ASAP.

I'm assessing all the computer platforms within TWRS that have systems installed upon them. According to my records the TCDB is loaded on the following platform:

AST, Bravo 5166M, WC63564, Win95, 200E/2101HV/1

If this is incorrect please correct and return.

If this is correct, I need 1 final piece of information to complete the platform assessment for your system. What is the Part Number of the Bravo? The part number is located on the back of the CPU on a bar coded sticker should be a 6 digit number followed by a "-" with 1 - 6 more digits. The part number always starts with a 5.

Thanks, I can be reached at 373-2955, pager 85-9806

Steve Spencer
POC Y2K DFSP

Spencer, Stephen G

From: customer.support@ast.com
Sent: Tuesday, October 13, 1998 7:15 AM
o: Stephen_G_Spencer@rl.gov
Subject: Re: Inquiry from Technical Support

Steve,

There is no action required. This computer is Year 2000 compliant.

For the most current information, click on the Year 2000 icon at the bottom of the main AST Web page at the following URL:

<http://www.ast.com>

Scroll down the page and select year 2000.

Thank you for using AST Support!

Ashley Holmes
AST On-Line Services

the company by phone at
1-800-767-5465 or 1-888-4-PC-BIOS
(1-888-472-2467).

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Apple and the Year 2000

Macintosh users can party like it's 1999 until at least 29,940.

While many other computer applications and operating systems cannot correctly process dates after Dec. 31, 1999, the Mac OS and most Mac applications will handle the year 2000 (and the next 27,940 years), no problem.

The only applications that might hiccup at one minute past midnight on New Year's Day 2000 are the few that do not take advantage of the Macintosh Toolbox calls available in every Macintosh ROM since the beginning of time.

"Mac users contemplating the computer industry's 'Year 2000' problem can relax: Experts testing desktop systems say Mac hardware and the Mac OS won't have any problem coping with next-century dates."

—Henry Norr,
MacWEEK

Overview

The year 2000 is rapidly approaching, and the way many computer systems process the year with a two-digit date field means that a lot of software is at risk of failure at the turn of the century.

Macintosh Software Applications

Software applications correctly using the Toolbox calls supported by the Mac OS will handle the year 2000 correctly.

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How to Test Your Mac

NOTE: Resetting the clock in the following tests can cause scheduling programs to malfunction, server logs to be deleted, delayed mail to be sent and other unpleasant side-effects. Do not change your clock settings unless you are certain that doing so will not adversely affect any applications or data.

Here's how to verify the year 2000 capability of the Mac OS:

Shut Down test

- Open the Date & Time control panel.
- Type or click on the arrows to set the current date to 12/31/99, and current time to 11:59:00 PM.
- Select Shut Down from the Special menu and shut down the machine for more than one minute.
- Restart the machine.
- Check the current date and current time in the Date & Time control panel. It will show 1/1/00, and 12:01:05 AM (give or take a minute or two), respectively.

Live test

- Open the Date & Time control panel.
- Type or click on the arrows to set the current date to 12/31/99, and current time to 11:59:00 PM.

The good news is that, since its introduction, the Macintosh has had the ability to correctly handle the transition to the year 2000 and beyond.

This page covers answers to many common questions about Year 2000 compliance as it relates to all Apple products.

- [What is the Year 2000 Problem?](#)
- [Mac OS and the Year 29,940](#)
- [Macintosh Software Applications](#)
- [How to Test Your Mac](#)
- [Rhapsody and the Year 2000](#)
- [Apple II Computers](#)
- [For More Information](#)

What is the Year 2000 Problem?

Across the world, many computer systems and software have been developed and deployed without the ability to correctly handle dates that represent a year greater than 1999. For example, a hotel reservation system may be unable to book reservations if the date is in the year 2000 or beyond.

Many systems use a two-digit date format for the year, typically mm/dd/yy. A comparison based on that format would falsely claim that the year 2000 (i.e., 00) falls before the year 1999 (i.e., 99). This has serious ramifications for mission-critical applications that may be at risk of failure.

The source of the problem can come from several different levels, including:

Hardware: a clock circuit that may be incapable of holding a date beyond 1999

Operating System: may not correctly recognize and process dates beyond 1999

Applications and utilities: may have limited date-processing capabilities

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—Wait for more than one minute, and watch the display update.

—The current date and current time in the display will change to 1/1/00, and 12:00:00 AM respectively.

Check for leap year

—Open the Date & Time control panel.

—Type or click on the arrows to set the current date to 2/28/00, and current time to 11:59:00 PM.

—Wait for more than one minute, and watch the display update.

—The current date and current time in the display will change to 2/29/00, and 12:00:00 AM respectively. Year 2000 is a leap year, so this is perfectly valid.

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Rhapsody and the Year 2000

The current version of the Rhapsody OS can represent times up to the year 2038.

Application developers writing code that uses the Yellow Box will not have to worry about year 2000 issues in the Yellow world. This applies to WebObjects as well, since it is based on the Yellow Box.

However, the Yellow Box is also developed for other operating systems and is dependent on the proper year 2000 support from each OS upon which it runs. WebObjects and Yellow Box / Rhapsody will run on Openstep for Mach, Intel, Sun Solaris, Windows NT and HP/UX platforms. Questions about year 2000 support within those operating systems should be directed to the vendors.

The Year 2000 Tech Note provides more information.

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Apple II Computers

Mac OS and the Year 29,940

The Macintosh and Mac OS have had the ability to properly handle dates past 1999 since the introduction of the Macintosh computer. Any Mac OS application that makes correct use of the Mac OS Toolbox for clock functions will not have a problem transitioning to the year 2000.

The original date and time utilities (introduced with the original Macintosh 128K computer in 1984) used a long word to store seconds, starting at January 1, 1904. This approach allows the correct representation of dates up to 6:28:15 A.M. on February 6, 2040.

The current date and time utilities, documented in [Inside Macintosh: Operating System Utilities](#), use a 64-bit signed value, which covers dates from 30,081 B.C. to 29,940 A.D.

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Many Apple II computers are still in use today. Their ability to handle dates after the year 2000 vary by model.

For example, an Apple IIgs running System 6.0 or later and GS-specific software should have no problems with dates beyond the year 2000. Users of an Apple IIgs systems running 8-bit applications will need ProDOS 8 V 2.0 or later to ensure handling dates correctly.

The Apple II, II+, IIe, IIC, and IIc+ do not have a system clock, but third-party clocks are available that can correctly handle the year 2000 and beyond.

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For More Information

For information on the Mac OS utilities for date and time manipulation, see Chapter 4, [Date, Time, and Measurement Utilities](#) of [Inside Macintosh: Operating System Utilities](#).

The [Year 2000](#) web site focuses on issues related to the year 2000.

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National Software Testing Laboratory
*The world's leading independent information technology
Testing organization.*

NSTL's YMARK2000 Technology:
Testing the Real Time Clock vs. the BIOS

NSTL, an independent testing facility owned by CMP Media Inc., has been developing test methodologies for the personal computer industry since 1983. NSTL's expertise is in examination and interpretation of industry standards associated with the personal computer. NSTL's clients include PC vendors, peripheral vendors, software vendors, major corporations, and governments around the world.

YMARK2000, NSTL's Year 2000 compliance test utility for industry standard personal computers, was originally developed at the request of the Canadian government to assess the Year 2000 compliance of personal computers being bid by suppliers. As a public service to the Canadian Government and the rest of the world, NSTL made the Year 2000 Compliance test tool available for free on our web site. A white paper stating NSTL's position on "Year 2000 Compliance and the Industry Standard Personal Computer" is also freely available on our web site.

YMARK2000 fully tests for Year 2000 compliance within the constraints of PC industry standards. It is these industry standards to which commercial software vendors know that they must design, and it is only within these industry standards that a fair and objective test can be created. There are two methods for obtaining the date from a personal computer: via the Read Date function of the BIOS and by directly accessing the hardware clock (also called the real-time clock). The BIOS is software that resides permanently in PCs and provides a standard interface between software and hardware. The Read Date function of the BIOS can easily be made Year 2000 compliant since it supports the full four digit year. However, it is physically impossible for the hardware clock to be Year 2000 compliant as it supports only the last two digits of the year. For this reason, no industry standard personal computer can be made 100% Year 2000 foolproof.

YMARK2000 was designed to fully exercise and test the industry standard date interface of the personal computer. Since the hardware clock cannot be made Year 2000 compliant, testing the hardware clock is moot. Please note, however, that YMARK2000 does examine the hardware clock, but for hardware compatibility and implementation to the industry standard.

Commercial software vendors have known for many years that accessing PC hardware directly in lieu of using the BIOS can pose compatibility risks for their applications. Applications that are incompatible to an industry standard personal computer are not easily sold and are frequently returned by users. Vendors that produce software that access hardware directly must assume all risks associated with using this method. As a result, very few, if any, commercially available software applications access the hardware clock directly.

Some Year 2000 software publishers have made claims that NSTL's YMARK2000 is not comprehensive because they have a Year 2000 diagnostic that will fail personal computers where YMARK2000 will not. Some of these products are directly testing the hardware clock for Year 2000 compliance where there are no industry standards to follow. This test cannot be considered valid, fair or objective. Dave Cunningham, Dell Computer's year 2000 program manager, said in a recent Information Week article (May 25, 1998) that Dell has not changed the real-time clock "because that is not the critical path. We tested over 1,100 applications, and they all go to the BIOS for the date call." Karl W. Feilder, President and CEO of Greenwich Mean Time, a widely respected UK firm offering solutions to address the Year 2000 issue concurs, "We have independently proven the validity of the NSTL test, using our Check 2000 technology. We have concluded that for all Microsoft based operating systems, the BIOS is the only area of hardware Year 2000 concern and the lack of RTC century handling is utterly irrelevant." And Professor Udo W. Pooch

and Willis Marti of Texas A&M University consider this issue from the viewpoint of experts in computer science retained by Compaq to offer an independent opinion. Their view is that, in relation to the methods that could be adopted in respect of the PC date problem, "by far the best option is to modify the BIOS to guarantee correct dates and interpretations."

NSTL wishes to point out that software publishers that sell Year 2000 "solutions" have incentives to fail as many personal computers as possible to sell their solution. NSTL has no other incentive except to provide accurate and honest test results.

It is NSTL's position that YMARK2000 fully tests an industry standard personal computer for Year 2000 compliance and YMARK2000 is recognized by major computer manufacturers, corporations and governments as being the industry standard Year 2000 test tool for personal computers. Bernard Luksich, Director of Industry Solutions and Software at Compaq Computer Corporation concurs, "The NSTL test is based on industry-standard programming practices, addressing the relevant aspects of Year 2000 compliance, and a test developed and accredited by a well-established and completely independent testing laboratory."

NSTL's Year 2000 Hardware Compliance Program is an open industry standard to verify proper date handling by PC systems during the rollover to the Year 2000 using YMARK2000.

For Client lists and other supporting data concerning NSTL contact <http://www.nstl.com>

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Instructions for using NSTL's YMARK2000 utility And FAQ's

Using YMARK2000 to test your computer

1. Download YMARK2000 from NSTL's web site. The file, called Y2000.EXE, is small and it only takes a couple of minutes to download. It is very important to remember the path to the file (where it is saved on your hard drive).
2. Reboot your computer to DOS. If you are using Windows 95, simply shutdown and click the choice, "Restart the computer in the MS-DOS mode."
3. Y2000.EXE is a self-extracting file that produces two files: 2000.EXE and README. TXT. Execute the file Y2000.EXE by typing the path to the file followed by the file name. For example, if you stored Y2000.EXE in c:\temp you would execute the file by typing at the C prompt: c:\temp\Y2000.exe.
4. Execute the test program by entering 2000.EXE at the DOS prompt.
5. The test results will be displayed on your monitor.
6. You can also copy YMARK2000 to a floppy diskette and run the tests from a floppy:

Boot to DOS.

- Put a blank or unused diskette into drive A.
 - From the DOS prompt, type in the command: FORMAT A: /S
 - Copy the file 2000.EXE to drive A.
 - Leave the diskette in the drive and reboot the system.
- a) Execute 2000.EXE
 - At the DOS prompt, type in the command: 2000
 - b) Read the results on your monitor.
 - As YMARK2000 executes, watch the test A summary of test results is shown at the end of the test

YMARK2000 performs the following tests:

- Verify MC146818 RTC compatibility. This test ensures that the date and time indices are compatible to the MC146818 and the data is in packed BCD format. Some non-DOS based operating systems, like UNIX, do not use the BIOS but use drivers to access the clock directly. This test ensures that the clock is a Motorola MC146818 compatible chip. If the chip is not compatible, then these "other" operating systems or programs that read the clock directly may fail.
- Verify real-time progression from December 31st, 1999 to January 1st, 2000. If real-time support fails, then the ability to set the date manually is checked.
- Verify recognition and support of leap years from 2000 through 2099.

NSTL considered including a power cycle test to confirm the retention of century information. Although conceivable, it is highly unlikely that a BIOS reporting a correct century in real-time will fail after a power cycle. Nonetheless, a reboot test is an important part of the total Year 2000 test process.

YMARK2000 provides batch file support:

- YMARK2000 returns an error level that can be used in batch files. The error levels returned are:

0: The system is Year 2000 compliant
 1: The hardware clock is not compatible to the MC146818
 2: Progression to the next century is not supported
 3: Progression to the next century is not supported and the hardware clock is not compatible to the MC146818
 6: The year 2000 is not supported
 7: The year 2000 is not supported and the hardware clock is not compatible to the MC146818
 8: The leap year of 2000 is not supported
 18: A manual year 2000 reboot test is required since the system is using an Award BIOS
 19: Bad Progression & Bad RTC & Award 4.50G BIOS
 22: Bad Y2K & Award 4.50G BIOS
 23: Bad Y2K & Bad RTC & Award 4.50G BIOS
 26: Bad Leap Year & Bad Progression & Award 4.50G BIOS
 27: Bad Leap Year & Bad Progression & Bad RTC & Award 4.50G BIOS
 255: The program failed to execute. Either the license agreement was not accepted, the RTC is not running, or an unknown command line parameter was issued.

An explanation for programmers:

Error levels are indicated by bit fields. Since multiple errors can be detected, the sum of the error bits are returned. For example, error level 6 (The Year 2000 is not supported) is a combination of BadProgression and BadManualSet (2+4).

```
struct {
    int BadRTC :1; // 1, The hardware clock is bad
    int BadProgression :1; // 2, Progression to 2000 does not occur
    int BadManualSet :1; // 4, Cannot manually set 2000
    int BadLeapYear :1; // 8, Error in leap year support
    int AwardBIOS :1; // 16, An Award BIOS is in use
};
```

Definition of YMARK2000 error levels:

Incompatible MC146818: A hardware fix may be required due to an incompatible clock. OR The BIOS is using the clock in an incompatible fashion in which a BIOS upgrade may fix the problem.

Leap year is not supported: A hardware fix may be required due to an incompatible clock.

Progression to Year 2000 not supported: A BIOS upgrade may be required.

The Year 2000 is not supported: A BIOS upgrade may be required.

Award BIOS: An Award BIOS is detected that potentially will fail a reboot test. A manual reboot test is highly recommended on this system.

Frequently Asked Questions

Q. What platforms does YMARK2000 work with?

A. YMARK2000 can be run on any "IBM compatible" personal computer. YMARK2000 can only be run from DOS. If the program detects that Windows or OS/2 is running, it will not perform the test. If the PC currently does not run DOS, simply boot the PC to DOS via diskette.

Q. Does NSTL charge for YMARK2000?

A. NSTL provides a free, downloadable version of YMARK2000 on its web site. This version may be used free of charge by anyone that downloads it. NSTL does charge a licensing fee for anyone who distributes YMARK2000. NSTL also has a corporate version of YMARK2000 that can be licensed which does not require user input.

Q. How is the corporate version of YMARK2000 different from the version on the web?

A. The corporate version does not require each individual to execute the software license agreement. The organization licensing YMARK2000 takes full responsibility for the license on a corporate basis. Bypassing user input for accepting the license agreement allows YMARK2000 to be automated in a networked environment. With a little programming, test results can be written to a text file and then gathered. The annual license is \$5,000.

Q. What technical support is available for YMARK2000?

A. NSTL regularly reviews and updates the YMARK2000 README file and FAQ's for users who download the utility. Due to the extreme popularity of YMARK2000 and the nature of NSTL's business, we are no longer able to provide custom support to end-users. The corporate license described above includes limited technical support.

Q. How does YMARK2000 test for Year 2000 compliance?

A. The program tests a personal computer for its ability to support the year 2000. The program tests only the BIOS and the real-time clock's functionality. Operating systems and applications must be tested separately. For a more detailed discussion of YMARK2000 and year 2000 compliance issues, please download NSTL's Year 2000 White Paper: Year 2000 and the 'Industry Standard' Personal Computer.

Q. I tried to test for year 2000 compatibility but when the term and conditions sheet appeared and I press the letter "Y", the sheet leaves the monitor screen. Why?

A. YMARK2000 must be run from DOS only. If the program detects that Windows or OS/2 is running, it will not run the test.

Q. Can the output of the 2000.EXE file be directed to a file or a printer instead of being displayed on the monitor?

A. Results can be sent to a file or a printer. Just use DOS redirection. For example, to save the results in a file, issue the following command:

```
2000.EXE > results
```

A file called "RESULTS" will be created and will contain the results of the test. The filename can be almost anything you want. To send the information directly to an attached printer, issue the command:

```
2000.EXE > PRN
```

This command will send the results directly to the printer.

Q. My computer does not support the year 2000, what can I do?

A. Contact the system's manufacturer for a BIOS upgrade. (It is the BIOS that is responsible for supporting the next century.) Most vendors have Year 2000 sections on their web sites including BIOS upgrades that can be downloaded. If an upgrade is not available and you are working with date-sensitive data, the next best solution is to replace the system with one that does support the 21st century.

It is possible to install special programs that will fix the problem, but these programs must be executed every time the computer is booted. Unfortunately, the programs will always be susceptible to unsuspecting persons believing they are not needed and removing them. If supporting the 21st century is a must, this solution is not desirable.

You can manually set the date every time you turn on the system or have the computer automatically retrieve the date from a network. With this solution, the drawbacks are that you may forget to set the date, accidentally enter the wrong date, be unable to connect to the network, etc.

Q. Can I just reset the date in January 2000?

A. Your system may maintain the new century if you set the date manually. Do a manual year 2000 test by setting the date to 1/1/2000 and rebooting the system. If DOS returns 1/1/2000, then you will need to manually set the date only once when the next century arrives.

Q. Can I run YMARK2000 from Windows?

A. No, Windows has the ability to virtualize hardware and the BIOS. In order to ensure that the physical BIOS and hardware is actually being tested, NSTL's YMARK2000 was designed not to run in a Windows environment. If you try to run YMARK2000 from Windows, or from a DOS box in Windows, an error message will be displayed.

Q. How does Microsoft Windows (95/98/NT) handle Year 2000 problems?

A. Microsoft's web-based Microsoft Year 2000 Resource Center deals with these, and other, issues.

Q. Does Windows NT 4.0 correct the year 2000 problem on systems that fail this test?

A. Yes, but only within the NT operating system. If other operating systems are run on the same system, the problem may still exist.

Q. I have a Macintosh, do I need to worry about the Year 2000?

A. According to Apple Computer, their products have always been Year 2000 ready.

Q. A manual test on my PC shows Year 2000 compliance, but NSTL's test program says my system is non-compliant. Why the discrepancy?

A. NSTL's test requires the date reported by the system's BIOS (which reads the hardware clock) to progress from 1999 to 2000 in real-time. While NSTL's program is running, watch the date being displayed on the failed system. The date and time that is displayed while YMARK2000 is running is the date and time being returned by the BIOS. Watch the date. It most likely goes from 1999 to 1900. Real-time progression of the system BIOS can only be tested using a program like YMARK2000. It cannot be tested manually.

Q. My computer failed the real time progression to year 2000 test, but passes the rest. Do I just change the date in CMOS after the first of the year?

A. Once the new century arrives, you should only have to set the date once. From then on, the computer should contain a correct date. You should verify this. Perform the steps outlined below.

1. Create a DOS boot diskette and use it to boot the system you want to test.
2. Set the date into the Year 2000 using the DATE command and reboot the system. LEAVE THE BOOT DISKETTE IN THE DISKETTE DRIVE.
3. Check the date after the boot. If it is the same as the date set in step 2 then you will need to set the date one time.
4. Be sure to restore the date to today's date!
- 5.

Q. Why is real time support important?

A. For the majority of applications it is not important. But for applications that must record the date and time accurately, this is very important. The system clock (DOS's clock) is notoriously inaccurate and most applications, and certainly the operating system, use it. But for accurate time, the hardware clock is far better. Network operating systems, voice-messaging systems, automated schedulers, etc. may use the hardware clock since they run 24 hours a day.

Operating systems, such as the many flavors of UNIX, may not use the BIOS but obtain the date directly from the RTC hardware. YMARK2000 makes sure the year in the RTC is located at the standard location.

Q. Why, if the problem with 2000 compliance is in the BIOS, can a piece of software correct it?

A. The hardware clock has a 100 year calendar -- it supports years 00 through 99. It has no knowledge of centuries. The BIOS (a piece of software permanently installed in the computer) has been made responsible for tracking the centuries. The BIOS keeps the century data in the hardware clock in an area called CMOS memory. Since the hardware clock has a battery and never loses power, the CMOS memory will never lose its data. So CMOS memory is a safe place to keep information the system does not want to lose, like the current century.

When an operating system or application asks the BIOS for the date, it will return a full 4-digit year by combining the two-digit year in the hardware clock with the century data kept in CMOS. If the 4-digit year happens to be 1900, the BIOS will convert the year to 2000 and change the century in CMOS from 19 to 20. An external piece of software can correct this problem as well. There are several ways it can accomplish this task. Please note, however, that NSTL does not recommend using an external piece of software to correct Year 2000 problems unless there are no other alternatives.

Q. Is 2000 a leap year?

A. Yes, the year 2000 is a leap year. Century years (like 1900 and 2000) are leap years only if they are evenly divisible by 400. Therefore, 1700, 1800, and 1900 were not leap years, but 2000 is.

Q. Can the failure to support the 21st century be corrected via a software patch?

A. Not reliably. To correct this problem, the patch software must be loaded and executed each time the computer is started and before date sensitive applications are run. Unfortunately, device drivers and TSRs are loaded after the operating system and can easily be bypassed. Also, the patch software must be loaded every time the system is booted for the life of the computer, which could extend well into the next century. Unsuspecting individuals, not knowing what the patch software is, could easily remove the patch software from CONFIG.SYS or AUTOEXEC.BAT files.

Q. How does YMARK2000 interact with DOS and the BIOS?

A. NSTL's Y2K test does not examine DOS's time/date functions. The test interfaces solely with BIOS interrupt 0x1A, functions 2, 3, 4 and 5. The methodology is simple. The RTC date and time is set via the BIOS and allowed to roll over to the next day. The date is read via the BIOS and is examined and reported. The date and time being displayed by the program is what the BIOS is reporting in real time.

Q. YMARK2000 recommends a reboot test. How do I do that?

A. If YMARK2000 recommends a manual reboot test, perform the following steps:

1. Create a DOS boot diskette and use it to boot the system you want to test. Be sure you are using DOS version 3.2 or higher.
2. Set the date into the Year 2000 using the DATE command and reboot the system. **LEAVE THE BOOT DISKETTE IN THE DISKETTE DRIVE.**
3. Check the date after the boot. If it is the same as the date set in step 2, then you will need to set the date only once.
4. Be sure to restore the computer's date to today's date!
- 5.

Q. Why doesn't YMARK2000 include a reboot test?

A. Simply put, cost. Implementing a reboot test in a free product would be prohibitively expensive.

Q. Does NSTL have any other Year 2000 services?

A. Yes. NSTL has a Year 2000 System Compliance Program for PC vendors. Using YMARK2000, NSTL will determine if a system is Year 2000 compliant. Systems meeting test standards will receive the NSTL Tested Year 2000 System Compliant logo and are posted on NSTL's web site. System vendors and marketers use this seal in advertising, packaging, sales materials and other promotional materials. NSTL also offers consulting services and can recommend workarounds and solutions for software that does not support year 2000. While NSTL has made YMARK2000 available free of charge, NSTL's other services are all fee-based. For more information on NSTL's commercial testing services e-mail info@nstl.com or call 610-941-9600.

Q. Who is NSTL?

A. NSTL, a CMP Media Inc. company, is the leading independent testing facility for the computer industry. Founded in 1983, NSTL pioneered the use of objective, comparative testing of PC and LAN hardware and software. NSTL offers custom compatibility, certification, performance, usability, BIOS and comparison testing services to hardware developers, software publishers, government agencies and corporations throughout the world. NSTL also conducts testing for business and trade publications worldwide, including Business Week, Data Communications and BYTE.

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Server - Y2K Tables**Manhattan A**

Part Number	System	Action
503426	Manhattan A 6180	No action required
503427	Manhattan A 6200	No action required

Manhattan D

Part Number	System	Action
503222	Manhattan D 6180	No action required
503223	Manhattan D 6200	No action required

Manhattan G

Part Number	System	Action
501530	Manhattan G 560	Enter the date at a DOS prompt to enable year 2000 compliance.
501723	Manhattan G 590	Enter the date at a DOS prompt to enable year 2000 compliance.

Manhattan P

Part Number	System	Action
501502	Manhattan P 5090	No action required
501503	Manhattan P 5100	No action required
501830	Manhattan P 5133	No action required

Manhattan Pro

Part Number	System	Action
503076	Manhattan Pro Commerce Pro	No action required
503224	Manhattan Pro Presence Pro	No action required
503281	Manhattan Pro Commerce Pro	No action required

Manhattan S

Part Number	System	Action
501832	Manhattan S 6200	No action required
503282	Manhattan S 6200	No action required

Manhattan SMP

Part Number	System	Action
501142	Manhattan SMP 486/50	Enter the date at a DOS prompt to enable year 2000 compliance.
520081	Manhattan SMP P/60	Enter the date at a DOS prompt to enable year 2000 compliance.
520092	Manhattan SMP 4/50	Enter the date at a DOS prompt to enable year 2000 compliance.
520155	Manhattan SMP P/60	Enter the date at a DOS prompt to enable year 2000 compliance.

Manhattan V

Part Number	System	Action
501500	Manhattan V 5090	No action required

501797	Manhattan V 5100	No action required
Premium GS		
Part Number	System	Action
503447	Premium GS 6266	No action required
503453	Premium GS 6233	No action required
503628	Premium GS 6350	Data not available.
503629	Premium GS 6400	Data not available.
Premium HS		
Part Number	System	Action
503461	Premium HS 300	No action required
Premium KS		
Part Number	System	Action
503478	Premium KS 200	No action required
Premium SE		
Part Number	System	Action
500998	Premium SE 4/50d	Enter the date at a DOS prompt to enable year 2000 compliance.
500999	Premium SE 4/66d	Enter the date at a DOS prompt to enable year 2000 compliance.
Premium SE4		
Part Number	System	Action
500887	Premium SE4 3/33	Enter the date at a DOS prompt to enable year 2000 compliance.
Premmia MTE		
Part Number	System	Action
501204	Premmia MTE 4/33	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
501206	Premmia MTE 4/66d	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
501232	Premmia MTE P/60	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
Premmia SE		
Part Number	System	Action
501200	Premmia SE 4/33	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
501202	Premmia SE 4/66d	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
501203	Premmia SE P60	<u>TSR: Download the Terminate and Stay Resident Fix.</u>

Business Desktop - Y2K Table**Bravo EL**

Part Number	System	Action
503452	Bravo EL 5166 (Jewel)	No action required
503514	Bravo EL 5166MMX (Jewel)	No action required
503541	Bravo EL 5200MMX (Jewel)	No action required
503571	Bravo EL 5300 (Nile)	No action required
503599	Bravo EL 5266 (Nile)	No action required
503600	Bravo EL 5300 (Nile)	No action required
503616	Bravo EL 5233MMX (Jewel)	No action required

Bravo LC

Part Number	System	Action
500859	Bravo LC 4/33	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
500944	Bravo LC 4/33	Enter the date at a DOS prompt to enable year 2000 compliance.
501105	Bravo LC 3/33s	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
501196	Bravo LC 4/25s	Enter the date at a DOS prompt to enable year 2000 compliance.
501197	Bravo LC 4/33	Enter the date at a DOS prompt to enable year 2000 compliance.
501198	Bravo LC 4/50d	Enter the date at a DOS prompt to enable year 2000 compliance.
501199	Bravo LC 4/66d	Enter the date at a DOS prompt to enable year 2000 compliance.
501233	Bravo LC 4/33s	Enter the date at a DOS prompt to enable year 2000 compliance.
501341	Bravo LC 4/33s	Enter the date at a DOS prompt to enable year 2000 compliance.
501378	Bravo LC 4/33s	Enter the date at a DOS prompt to enable year 2000 compliance.
501379	Bravo LC 4/33	Enter the date at a DOS prompt to enable year 2000 compliance.
501380	Bravo LC 4/66d	Enter the date at a DOS prompt to enable year 2000 compliance.
501381	Bravo LC 4/100t	Enter the date at a DOS prompt to enable year 2000 compliance.
501433	Bravo LC 4/50s	Enter the date at a DOS prompt to enable year 2000 compliance.
501548	Bravo LC 4/50d	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
501749	Bravo LC P/100	No action required
501798	Bravo LC P/75	Enter the date at a DOS prompt to enable year 2000 compliance.
501949	Bravo LC P5/133	Enter the date at the DOS prompt and then reboot the computer
501958	Bravo LC 5100	No action required

501959	Bravo LC 5133	No action required
501961	Bravo LC 5166	No action required
Bravo LC (King)		
Part Number	System	Action
501704	Bravo LC (King) 4/66d	Enter the date at a DOS prompt to enable year 2000 compliance.
Bravo LC 5000		
Part Number	System	Action
503031	Bravo LC 5000 5075	No action required
Bravo LC/MS-C		
Part Number	System	Action
503190	Bravo LC/MS-C 5133 (Trixie)	No action required
503191	Bravo LC/MS-C 5166 (Trixie)	No action required
503192	Bravo LC/MS-C 5200 (Trixie)	No action required
503340	Bravo LC/MS-C 5166MMX (Trixie)	No action required
503361	Bravo LC/MS-C PII/233 (Christie Lite)	No action required
503419	Bravo LC/MS-C PII/233 (Christie Lite)	No action required
503479	Bravo LC/MS-C 5200M (Norton)	No action required
503564	Bravo LC/MS-C M2333 MMX (Trixie)	No action required
Bravo LP		
Part Number	System	Action
501174	Bravo LP 4/25s	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
501175	Bravo LP B4-33/3	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
501176	Bravo LP 4/66d	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
501390	Bravo LP 4/33s	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
501458	Bravo LP 4/50s	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
503066	Bravo LP 5100	No action required
Bravo MS		
Part Number	System	Action
501440	Bravo MS 4/33s	Enter the date at a DOS prompt to enable year 2000 compliance.
501441	Bravo MS 4/50s	Enter the date at a DOS prompt to enable year 2000 compliance.
501442	Bravo MS 4/66d	Enter the date at a DOS prompt to enable year 2000 compliance.
501443	Bravo MS 4/100t	Enter the date at a DOS prompt to enable year 2000 compliance.
501533	Bravo MS P/60	Enter the date at a DOS prompt to enable year 2000 compliance.
		Enter the date at a DOS prompt to enable year

501534	Bravo MS P/90	2000 compliance.
501701	Bravo MS P/75	Enter the date at a DOS prompt to enable year 2000 compliance.
501754	Bravo MS P/100	Enter the date at a DOS prompt to enable year 2000 compliance.
501772	Bravo MS P/75	Enter the date at a DOS prompt to enable year 2000 compliance.
501774	Bravo MS P/100	Enter the date at a DOS prompt to enable year 2000 compliance.
501814	Bravo MS P/120	Enter the date at the DOS prompt and then reboot the computer
501815	Bravo MS P/133	Enter the date at the DOS prompt and then reboot the computer
501894	Bravo MS P/133 (Morrison)	No action required
501920	Bravo MS P/75	No action required
501921	Bravo MS P/100	No action required
501950	Bravo MS P5/166	Enter the date at a DOS prompt to enable year 2000 compliance.
501951	Bravo MS 5100	Enter the date at a DOS prompt to enable year 2000 compliance.
501952	Bravo MS 5133	Enter the date at the DOS prompt and then reboot the computer
501954	Bravo MS 5166	Enter the date at the DOS prompt and then reboot the computer
501980	Bravo MS P/166	No action required
503088	Bravo MS 5100 (AA)	No action required
503306	Bravo MS 5133	Enter the date at the DOS prompt and then reboot the computer
503307	Bravo MS 5166 (Vixen)	Enter the date at the DOS prompt and then reboot the computer

Bravo MS Desktops

Part Number	System	Action
503246	Bravo MS Desktops 5133 (Norton)	No action required
503247	Bravo MS Desktops 5166 (Norton)	No action required
503248	Bravo MS Desktops 5200 (Norton)	No action required
503320	Bravo MS Desktops 5166MMX (Norton)	No action required
503322	Bravo MS Desktops 5200MMX (Norton)	No action required
503367	Bravo MS Desktops 6233 (Norton Plus)	No action required
503368	Bravo MS Desktops 6266 (Norton Plus)	No action required
503417	Bravo MS Desktops 5166 (Norton)	No action required
503418	Bravo MS Desktops 5166MMX (Norton)	No action required
503480	Bravo MS Desktops 5233MMX (Norton)	No action required
503542	Bravo MS Desktops 6300 (Norton Plus)	No action required
503607	Bravo MS Desktops 8333	No action required

503608	Bravo MS Desktops 8350	No action required
503609	Bravo MS Desktops 8400	No action required
503620	Bravo MS Desktops 8266	No action required

Bravo MS MiniTower

Part Number	System	Action
503250	Bravo MS MiniTower 5166 (Norton)	No action required
503251	Bravo MS MiniTower 5200 (Norton)	No action required
503321	Bravo MS MiniTower 5166MMX (Norton)	No action required

503323	Bravo MS MiniTower 5200MMX (Norton)	No action required
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503369	Bravo MS MiniTower 6233 (Norton Plus)	No action required
503370	Bravo MS MiniTower 6266MMX (Norton Plus)	No action required
503460	Bravo MS MiniTower 5233MMX (Norton)	No action required
503502	Bravo MS MiniTower 6300 (Norton Plus)	No action required
503528	Bravo MS MiniTower 6266	No action required
503615	Bravo MS MiniTower 6333 (Norton Plus)	No action required

Bravo MS Pro

Part Number	System	Action
503195	Bravo MS Pro 6180	No action required
503196	Bravo MS Pro 6200	No action required

Bravo MS-L

Part Number	System	Action
501586	Bravo MS-L 4/66d	Enter the date at a DOS prompt to enable year 2000 compliance.
501651	Bravo MS-L P/90	Enter the date at a DOS prompt to enable year 2000 compliance.
501702	Bravo MS-L P/75	Enter the date at a DOS prompt to enable year 2000 compliance.
501775	Bravo MS-L P/75	Enter the date at a DOS prompt to enable year 2000 compliance.
501776	Bravo MS-L P/100	Enter the date at a DOS prompt to enable year 2000 compliance.

Bravo MS-T

Part Number	System	Action
501424	Bravo MS-T P/60	Enter the date at a DOS prompt to enable year 2000 compliance.
501658	Bravo MS-T 4/66d	Enter the date at a DOS prompt to enable year 2000 compliance.
501660	Bravo MS-T P/90	Enter the date at a DOS prompt to enable year 2000 compliance.
501703	Bravo MS-T P/75	Enter the date at a DOS prompt to enable year 2000 compliance.

501777	Bravo MS-T P/100	Enter the date at the DOS prompt and then reboot the computer
501860	Bravo MS-T P/133	Enter the date at the DOS prompt and then reboot the computer
501895	Bravo MS-T P/133	No action required
501908	Bravo MS-T 6150	No action required
501922	Bravo MS-T P/100	No action required
501955	Bravo MS-T 5100	No action required
501956	Bravo MS-T 5133	Enter the date at the DOS prompt and then reboot the computer
501972	Bravo MS-T 5166	Enter the date at the DOS prompt and then reboot the computer
501981	Bravo MS-T P/166	No action required
503043	Bravo MS-T 5200	Enter the date at the DOS prompt and then reboot the computer
503057	Bravo MS-T 6180	No action required
503058	Bravo MS-T 6200	No action required
Bravo MST		
Part Number	System	Action
503610	Bravo MST 8333	No action required
503611	Bravo MST 8350	No action required
503612	Bravo MST 8400	No action required
Bravo MT		
Part Number	System	Action
501278	Bravo MT 4/33	<u>TSR: Download the Terminate and Stay Resident Fix</u>
501279	Bravo MT 4/66d	<u>TSR: Download the Terminate and Stay Resident Fix</u>
501447	Bravo MT 4/33s	Enter the date at a DOS prompt to enable year 2000 compliance.
501459	Bravo MT 4/50s	<u>TSR: Download the Terminate and Stay Resident Fix</u>
Bravo Sabre LC		
Part Number	System	Action
503415	Bravo Sabre LC 5133	No action required
503416	Bravo Sabre LC 5166	No action required
Bravo Vintage		
Part Number	System	Action
500708	Bravo Vintage 286	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500770	Bravo Vintage 286	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500786	Bravo Vintage 386SX/20	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500787	Bravo Vintage 286/16	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500789	Bravo Vintage 486/25	<u>TSR: Download the Terminate and Stay Resident Fix</u>
		<u>TSR: Download the Terminate and Stay</u>

500832	Bravo Vintage 486/25	<u>Resident Fix.</u>
500833	Bravo Vintage 386SX/20	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
500882	Bravo Vintage 3/25s	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
500943	Bravo Vintage 4/25s	Enter the date at a DOS prompt to enable year 2000 compliance.
500955	Bravo Vintage 4/50d	Enter the date at a DOS prompt to enable year 2000 compliance.
501116	Bravo Vintage 4/66d	Enter the date at a DOS prompt to enable year 2000 compliance.
501124	Bravo Vintage 4/33s	Enter the date at a DOS prompt to enable year 2000 compliance.
500934	Power Premium Vintage 3/25s	<u>TSR: Download the Terminate and Stay Resident Fix.</u>

Premium II

Part Number	System	Action
500777	Premium II 386SX/20	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
500831	Premium II 386/33	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
500834	Premium II 486/33	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
500835	Premium II 486SX/20	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
500856	Premium II 386/25	<u>TSR: Download the Terminate and Stay Resident Fix.</u>

Premium III

Part Number	System	Action
501290	Premium III 4/25s	Enter the date at a DOS prompt to enable year 2000 compliance.
501291	Premium III 4/33s	Enter the date at a DOS prompt to enable year 2000 compliance.
501292	Premium III 4/33	Enter the date at a DOS prompt to enable year 2000 compliance.
501293	Premium III 4/50d	Enter the date at a DOS prompt to enable year 2000 compliance.
501461	Premium III 4/66d	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
501604	Premium III 4/50d	Enter the date at a DOS prompt to enable year 2000 compliance.
501606	Premium III 4/66d	Enter the date at a DOS prompt to enable year 2000 compliance.

Premium III+

Part Number	System	Action
501709	Premium III+ 4/66d	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
501710	Premium III+ P/75	Enter the date at a DOS prompt to enable year 2000 compliance.
501803	Premium III+ 4/100t	Enter the date at a DOS prompt to enable year 2000 compliance.

501861	Premium III+ P/100	Enter the date at the DOS prompt and then reboot the computer
501926	Premium III+ P/133	Enter the date at the DOS prompt and then reboot the computer
503027	Premium III+ 5100	No action required
503028	Premium III+ 5133	No action required
503029	Premium III+ 5166	No action required

Premium Pro (China)

Part Number	System	Action
503120	Premium Pro (China) 6200	No action required
503125	Premium Pro (China) 6180	No action required
503270	Premium Pro (China) 5166	No action required
503351	Premium Pro (China) 5200	No action required

Premium Vintage

Part Number	System	Action
500355	Premium Vintage 286	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500507	Premium Vintage 386	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500594	Premium Vintage 386C	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500714	Premium Vintage 386/25	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500733	Premium Vintage 386/33	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500742	Premium Vintage 386SX/16	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500754	Premium Vintage 486/25	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500760	Premium Vintage 386SX/16	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500761	Premium Vintage 486/25	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500762	Premium Vintage 386/25	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500763	Premium Vintage 386/33	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500766	Premium Vintage 486/25 TE	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500767	Premium Vintage 486/25 E	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500774	Premium Vintage 486/33	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500779	Premium Vintage 486/33 E	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500784	Premium Vintage 486/33	<u>TSR: Download the Terminate and Stay Resident Fix</u>
500822	Premium Vintage 486/33 TE	<u>TSR: Download the Terminate and Stay Resident Fix</u>

Premium Workstation

Part Number	System	Action
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500495	Premium Workstation 286	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
500570	Premium Workstation 286	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
500576	Premium Workstation 286	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
500712	Premium Workstation 386SX	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
500715	Premium Workstation 286	<u>TSR: Download the Terminate and Stay Resident Fix.</u>
Premmia GX		
Part Number	System	Action
501457	Premmia GX P/90	Enter the date at a DOS prompt to enable year 2000 compliance.
501522	Premmia GX P/100	Enter the date at a DOS prompt to enable year 2000 compliance.
501700	Premmia GX P/90 (IDE)	Enter the date at a DOS prompt to enable year 2000 compliance.
501733	Premmia GX P/133	Enter the date at a DOS prompt to enable year 2000 compliance.
501842	Premmia GX P/100 (Fidelity)	Enter the date at a DOS prompt to enable year 2000 compliance.
501843	Premmia GX P/133 (Fidelity)	Enter the date at a DOS prompt to enable year 2000 compliance.
Premmia III+ China		
Part Number	System	Action
503212	Premmia III+ China 6180	No action required
503213	Premmia III+ China 6200	No action required
503349	Premmia III+ China 5166MMX	No action required
503350	Premmia III+ China 5200MMX	No action required
503386	Premmia III+ China 5166	No action required
503387	Premmia III+ China 5200	No action required
Premmia LX		
Part Number	System	Action
501288	Premmia LX P/60	No action required
Premmia MX		
Part Number	System	Action
501429	Premmia MX MX 4/66d	Enter the date at a DOS prompt to enable year 2000 compliance.
501432	Premmia MX MX 4/100t	Enter the date at a DOS prompt to enable year 2000 compliance.
501577	Premmia MX MX P/60	Enter the date at a DOS prompt to enable year 2000 compliance.
501699	Premmia MX MX P/75	Enter the date at a DOS prompt to enable year 2000 compliance.
Premmia Vintage		
Part Number	System	Action
501126	Premmia Vintage 4/33s	Enter the date at a DOS prompt to enable year 2000 compliance.

501127	Premmia Vintage 4/33	Enter the date at a DOS prompt to enable year 2000 compliance.
501128	Premmia Vintage 4/50d	Enter the date at a DOS prompt to enable year 2000 compliance.
501129	Premmia Vintage 4/66d	Enter the date at a DOS prompt to enable year 2000 compliance.
501342	Premmia Vintage 4/66d MPC	<u>TSR: Download the Terminate and Stay Resident Fix.</u>

ProLiant 1000**Rack and Tower**

ProLiant 1000 486DX2/66	163700-XXX	Yes	E9	12/30/96	@	6/20/94 Rack
ProLiant 1000 486DX2/66	163705-XXX	Yes	E9	12/30/96	@	6/20/94 Rack
ProLiant 1000 5/60	190000-XXX	Yes	E9	12/30/96	@	9/13/93 Tower
ProLiant 1000 5/60	190005-XXX	Yes	E9	12/30/96	@	9/13/93 Tower
ProLiant 1000 486DX2/66	190700-XXX	Yes	E9	12/30/96	@	9/13/93 Tower
ProLiant 1000 486DX2/66	190705-XXX	Yes	E9	12/30/96	@	9/13/93 Tower

ProLiant 1500**Rack and Tower**

ProLiant 1500 5/75	169000-XXX	Yes	E12	12/30/96	@	2/13/95 Tower
ProLiant 1500 5/100	169030-XXX	Yes	E12	12/30/96	@	2/13/95 Rack
ProLiant 1500 5/100	169035-XXX	Yes	E12	12/30/96	@	2/13/95 Rack
ProLiant 1500 5/75	169100-XXX	Yes	E12	12/30/96	@	2/13/95 Rack
ProLiant 1500 5/75	169110-XXX	Yes	E12	12/30/96	@	2/13/95 Rack
ProLiant 1500 5/75	169115-XXX	Yes	E12	12/30/96	@	2/13/95 Rack
ProLiant 1500 5/100	169500-XXX	Yes	E12	12/30/96	@	2/13/95 Rack
ProLiant 1500 5/100	183011-XXX	Yes	E12	12/30/96	@	2/13/95 Tower
ProLiant 1500 5/75	196500-XXX	Yes	E12	12/30/96	@	2/13/95 Tower
ProLiant 1500 5/120	196550-XXX	Yes	E12	12/30/96	@	3/27/95 Tower
ProLiant 1500 5/120	196555-XXX	Yes	E12	12/30/96	@	3/27/95 Tower
ProLiant 1500 5/75	196580-XXX	Yes	E12	12/30/96	@	2/13/95 Tower
ProLiant 1500 5/75	196585-XXX	Yes	E12	12/30/96	@	2/13/95 Tower
ProLiant 1500 5/100	196570-XXX	Yes	E12	12/30/96	@	2/13/95 Tower
ProLiant 1500 5/100	196575-XXX	Yes	E12	12/30/96	@	2/13/95 Tower
ProLiant 1500 5/133	219700-XXX	Yes	E12	12/30/96	@	10/16/95 Tower
ProLiant 1500 5/100	219700-XXX	Yes	E12	12/30/96	@	2/5/96 Tower
ProLiant 1500 5/133	219705-XXX	Yes	E12	12/30/96	@	10/16/95 Tower
ProLiant 1500 5/133	219705-XXX	Yes	E12	12/30/96	@	2/5/96 Tower
ProLiant 1500 5/166	219720-XXX	Yes	E12	12/30/96	@	2/5/96 Tower
ProLiant 1500 5/166	219725-XXX	Yes	E12	12/30/96	@	2/5/96 Tower
ProLiant 1500 5/133	220000-XXX	Yes	E12	12/30/96	@	10/16/95 Rack
ProLiant 1500 5/133	220005-XXX	Yes	E12	12/30/96	@	10/16/95 Rack
ProLiant 1500 5/166	220010-XXX	Yes	E12	12/30/96	@	2/5/96 Rack
ProLiant 1500 5/166	220015-XXX	Yes	E12	12/30/96	@	2/5/96 Rack
ProLiant 1500 5/120	222900-XXX	Yes	E12	12/30/96	@	3/27/95 Rack
ProLiant 1500 5/120	222905-XXX	Yes	E12	12/30/96	@	3/27/95 Rack

ProLiant 2000**Rack and Tower**

ProLiant 2000 5/66	148400-XXX	Yes	E10	12/30/96	@	9/13/93 Tower
ProLiant 2000 5/66	148450-XXX	Yes	E10	12/30/96	@	9/13/93 Tower
ProLiant 2000 486/50	148700-XXX	Yes	E10	12/30/96	@	9/13/93 Tower
ProLiant 2000 486/50	148750-XXX	Yes	E10	12/30/96	@	9/13/93 Tower
ProLiant 2000 5/90	163730-XXX	Yes	E10	12/30/96	@	9/12/94 Rack
ProLiant 2000 5/90	163735-XXX	Yes	E10	12/30/96	@	9/12/94 Rack
ProLiant 2000 5/90	163810-XXX	Yes	E10	12/30/96	@	9/12/94 Tower
ProLiant 2000 5/90	163815-XXX	Yes	E10	12/30/96	@	9/12/94 Tower
ProLiant 2000 5/66	165600-XXX	Yes	E10	12/30/96	@	6/20/94 Rack
ProLiant 2000 5/66	165605-XXX	Yes	E10	12/30/96	@	3/1/93 Rack

ProLiant 2500**Rack and Tower**

ProLiant 2500 6200 256	250960-XXX	Yes	E24	12/30/96	@	10/21/96 Tower
ProLiant 2500 6200 256	250965-XXX	Yes	E24	12/30/96	@	10/21/96 Tower
ProLiant 2500 6200 256	250980-XXX	Yes	E24	12/30/96	@	10/21/96 Tower
ProLiant 2500 6200 256	250985-XXX	Yes	E24	12/30/96	@	10/21/96 Tower
ProLiant 2500 6200 256	271900-XXX	Yes	E24	12/30/96	@	10/21/96 Rack
ProLiant 2500 6180 256	300900-XXX	Yes	E24	12/30/96	@	1/20/97 Tower
ProLiant 2500 6200 256	300930-XXX	Yes	E24	12/30/96	@	2/1/97 Tower
ProLiant 2500 6200 256	306910-XXX	Yes	E24	12/30/96	@	10/15/97 Tower
ProLiant 2500 6200 512	307550-XXX	Yes	E24	12/30/96	@	5/5/97 Tower
ProLiant 2500 6200 512	307560-XXX	Yes	E24	12/30/96	@	5/5/97 Rack
ProLiant 2500 6200 256	307570-XXX	Yes	E24	12/30/96	@	5/5/97 Tower

ProLiant 4000**Rack and Tower**

ProLiant 4000 486/50	148600-XXX	Yes	E10	12/30/96	@	6/20/94 Tower
ProLiant 4000 486/50	148650-XXX	Yes	E10	12/30/96	@	6/20/94 Tower
ProLiant 4000 5/66	148650-XXX	Yes	E10	12/30/96	@	9/13/93 Rack
ProLiant 4000 5/90	163720-XXX	Yes	E10	12/30/96	@	9/12/94 Rack
ProLiant 4000 5/90	163725-XXX	Yes	E10	12/30/96	@	9/12/94 Rack
ProLiant 4000 5/100	163740-XXX	Yes	E10	12/30/96	@	9/12/94 Rack
ProLiant 4000 5/100	163745-XXX	Yes	E10	12/30/96	@	9/12/94 Rack

ProLiant 4000 5/90	163855-XXX	Yes	E10	12/30/96	@	9/12/94 Tower
ProLiant 4000 5/90	163860-XXX	Yes	E10	12/30/96	@	9/12/94 Tower
ProLiant 4000 5/90	163885-XXX	Yes	E10	12/30/96	@	9/12/94 Tower
ProLiant 4000 5/100	163870-XXX	Yes	E10	12/30/96	@	9/12/94 Tower
ProLiant 4000 5/100	163875-XXX	Yes	E10	12/30/96	@	9/12/94 Tower
ProLiant 4000 5/100	163880-XXX	Yes	E10	12/30/96	@	9/12/94 Tower
ProLiant 4000 5/100	163885-XXX	Yes	E10	12/30/96	@	9/12/94 Tower
ProLiant 4000 5/66	165610-XXX	Yes	E10	12/30/96	@	6/20/94 Rack
ProLiant 4000 5/66	165615-XXX	Yes	E10	12/30/96	@	6/20/94 Rack
ProLiant 4000 5/66	165700-XXX	Yes	E10	12/30/96	@	9/13/93 Tower
ProLiant 4000 486/50	168600-XXX	Yes	E10	12/30/96	@	6/20/94 Tower
ProLiant 4000 486/50	168650-XXX	Yes	E10	12/30/96	@	6/20/94 Tower

**ProLiant 4500
Rack and Tower**

ProLiant 4500 5/100	183012-XXX	Yes	E14	12/30/96	@	5/22/95 Tower
ProLiant 4500 5/166	185896-XXX	Yes	E14	12/30/96	@	2/5/96 Tower
ProLiant 4500 5/100	188420-XXX	Yes	E14	12/30/96	@	5/22/95 Tower
ProLiant 4500 5/100	188425-XXX	Yes	E14	12/30/96	@	5/22/95 Tower
ProLiant 4500 5/100	188450-XXX	Yes	E14	12/30/96	@	5/22/95 Rack
ProLiant 4500 5/100	188455-XXX	Yes	E14	12/30/96	@	5/22/95 Rack
ProLiant 4500 5/133	213420-XXX	Yes	E14	12/30/96	@	10/16/95 Tower
ProLiant 4500 5/133	213425-XXX	Yes	E14	12/30/96	@	10/16/95 Tower
ProLiant 4500 5/133	213430-XXX	Yes	E14	12/30/96	@	10/16/95 Rack
ProLiant 4500 5/133	213435-XXX	Yes	E14	12/30/96	@	10/16/95 Rack
ProLiant 4500 5/166	213450-XXX	Yes	E14	12/30/96	@	2/5/96 Tower
ProLiant 4500 5/166	213455-XXX	Yes	E14	12/30/96	@	2/5/96 Tower
ProLiant 4500 5/166	213460-XXX	Yes	E14	12/30/96	@	2/5/96 Rack
ProLiant 4500 5/166	213465-XXX	Yes	E14	12/30/96	@	2/5/96 Rack

ProLiant 5000

Rack and Tower

ProLiant 5000 6200 256	219200-XXX	Yes	E16	12/30/96	@	6/3/96 Tower
ProLiant 5000 6200 256	219205-XXX	Yes	E16	12/30/96	@	6/3/96 Tower
ProLiant 5000 6200 256	219250-XXX	Yes	E16	12/30/96	@	6/3/96 Rack
ProLiant 5000 6200 256	219255-XXX	Yes	E16	12/30/96	@	6/3/96 Rack
ProLiant 5000 6166 512	219400-XXX	Yes	E16	12/30/96	@	9/9/96 Tower
ProLiant 5000 6166 512	219405-XXX	Yes	E16	12/30/96	@	6/3/96 Tower
ProLiant 5000 6166 512	219450-XXX	Yes	E16	12/30/96	@	9/9/96 Rack
ProLiant 5000 6166 512	219455-XXX	Yes	E16	12/30/96	@	6/3/96 Rack
ProLiant 5000 6200 512	221000-XXX	Yes	E16	12/30/96	@	9/9/96 Tower
ProLiant 5000 6200 512	221005-XXX	Yes	E16	12/30/96	@	9/9/96 Tower
ProLiant 5000 6200 512	221050-XXX	Yes	E16	12/30/96	@	9/9/96 Rack
ProLiant 5000 6200 512	221055-XXX	Yes	E16	12/30/96	@	9/9/96 Rack
ProLiant 5000 6200 256	300929-XXX	Yes	E16	12/30/96	@	2/1/97 Tower

ProLiant 6000

ProLiant 6000 166/512K	273300-XXX	Yes		built compliant	5/5/97	Tower
ProLiant 6000 6200 512	273300-XXX	Yes		built compliant	7/14/97	Tower
ProLiant 6000 6200 512	273350-XXX	Yes		built compliant	5/5/97	Tower

ProLiant 6500

ProLiant 6500 6200 512	166350-XXX	Yes		built compliant	8/1/97	Rack
ProLiant 6500 6200 512	241700-XXX	Yes		built compliant	8/18/97	Rack
ProLiant 6500 6200 512	241705-XXX	Yes		built compliant	8/18/97	Rack
ProLiant 6500 6200 512	241710-XXX	Yes		built compliant	7/14/97	Rack
ProLiant 6500 6200 512	241715-XXX	Yes		built compliant	7/14/97	Rack
ProLiant 6500 6200 IM	241750-XXX	Yes		built compliant	9/29/97	Rack

ProLiant 7000

ProLiant 7000 6200 512	273350-XXX	Yes		built compliant	9/1/97	Rack
ProLiant 7000 6200	273370-XXX	Yes		built compliant	9/1/97	Rack

ProLiant 800

ProLiant 800 6200 256	273720-XXX	Yes	P02	1/8/97	@	1/20/97 Tower
ProLiant 800 6200 256	273725-XXX	Yes	P02	1/8/97	@	1/20/97 Tower
ProLiant 800 6180 256	273750-XXX	Yes	P02	1/8/97	@	1/20/97 Tower
ProLiant 800 6180 256	273755-XXX	Yes	P02	1/8/97	@	1/20/97 Tower

ProLiant 850R

ProLiant 850R 6200 256	166300-XXX	Yes		built compliant	8/1/97	Rack
ProLiant 850R 6200 256	167200-XXX	Yes		built compliant	9/16/97	Rack
ProLiant 850R 6200 256	298800-XXX	Yes		built compliant	5/5/97	Rack
ProLiant 850R 6200 256	298800-XXX	Yes		built compliant	8/1/97	Rack

ProSignia 200

ProSigmia 200 5/166	262720-XXX	Yes	P01	1/31/97	@	1/13/97 Tower
ProSigmia 200 5/166	262725-XXX	Yes	P01	1/31/97	@	1/13/97 Tower
ProSigmia 200 5/133	273700-XXX	Yes	P01	1/31/97	@	1/13/97
ProSigmia 200 5/133	273705-XXX	Yes	P01	1/31/97	@	1/13/97
ProSigmia 200 5/166	273710-XXX	Yes	P01	1/31/97	@	1/13/97 Tower
ProSigmia 200 5/166	273715-XXX	Yes	P01	1/31/97	@	1/13/97 Tower
ProSigmia 200 6/180	292950-XXX	Yes	P01	1/31/97	@	9/22/97 Tower
ProSigmia 200 6/180	292950-XXX	Yes	P01	1/31/97	@	9/15/97 Tower
ProSigmia 200 6/233 512	292970-XXX	Yes	P01	1/31/97	@	7/28/97 Tower
ProSigmia 200 6/233 512	292980-XXX	Yes	P01	1/31/97	@	7/28/97 Tower

ProSigmia 300

ProSigmia 300 Refresh 5/150	168860-XXX	Yes	E15	12/30/96	@	9/16/96 Tower
ProSigmia 300 Refresh 5/150	168865-XXX	Yes	E15	12/30/96	@	9/16/96 Tower
ProSigmia 300 5/90	183010-XXX	Yes	E15	12/30/96	@	2/13/95 Tower
ProSigmia 300 5/90	188362-XXX	Yes	E15	12/30/96	@	2/13/95 Tower
ProSigmia 300 5/75	188370-XXX	Yes	E15	12/30/96	@	2/13/95 Tower
ProSigmia 5/75	188372-XXX	Yes	E15	12/30/96	@	2/13/95 Tower
ProSigmia 300 5/120	211400-XXX	Yes	E15	12/30/96	@	2/5/96 Tower
ProSigmia 300 5/120	211405-XXX	Yes	E15	12/30/96	@	2/5/96 Tower
ProSigmia 300 5/150	262300-XXX	Yes	E15	12/30/96	@	6/3/96 Tower
ProSigmia 300 5/150	262305-XXX	Yes	E15	12/30/96	@	6/3/96 Tower

ProSigmia 486

ProSigmia 486DX2/66	137417-XXX	Yes	E5 or E8	12/30/96	@	10/5/92 Tower
ProSigmia 486/33	143700-XXX	Yes	E5 or E8	12/30/96	@	10/5/92 Tower
ProSigmia 486/33	143702-XXX	Yes	E5 or E8	12/30/96	@	10/5/92 Tower
ProSigmia 486DX2/66	143720-XXX	Yes	E5 or E8	12/30/96	@	10/5/92 Tower
ProSigmia 486DX2/66	143722-XXX	Yes	E5 or E8	12/30/96	@	10/5/92 Tower
ProSigmia 486DX2/66E	149490-XXX	Yes	E5 or E8	12/30/96	@	3/7/94 Tower
ProSigmia 486DX2/66E	149492-XXX	Yes	E5 or E8	12/30/96	@	3/7/94 Tower
ProSigmia 486DX2/66 CE	184040-XXX	Yes	E5 or E8	12/30/96	@	6/20/94 Tower
ProSigmia 486DX2/66 CE	184042-XXX	Yes	E5 or E8	12/30/96	@	6/20/94 Tower

ProSigmia 500

ProSigmia 500 5/90	188342-XXX	Yes	E15	12/30/96	@	11/14/94 Tower
ProSigmia 500 5/90	188352-XXX	Yes	E15	12/30/96	@	11/14/94 Tower
ProSigmia 500 5/120	224000-XXX	Yes	E15	12/30/96	@	6/19/95 Tower
ProSigmia 500 5/120	224005-XXX	Yes	E15	12/30/96	@	6/19/95 Tower
ProSigmia 500 5/150	224050-XXX	Yes	E15	12/30/96	@	2/5/96 Tower
ProSigmia 500 5/150	224055-XXX	Yes	E15	12/30/96	@	2/5/96 Tower

ProSigmia 586

ProSigmia 5/60CD	190070-XXX	Yes	E5 or E8	12/30/96	@	6/20/94 Tower
ProSigmia 5/60CD	190075-XXX	Yes	E5 or E8	12/30/96	@	6/20/94 Tower
ProSigmia 5/60	190100-XXX	Yes	E5 or E8	12/30/96	@	5/17/93 Tower
ProSigmia 5/60	190102-XXX	Yes	E5 or E8	12/30/96	@	5/17/93 Tower
ProSigmia 5/60	190105-XXX	Yes	E5 or E8	12/30/96	@	5/17/93 Tower
ProSigmia 5/60E	190110-XXX	Yes	E5 or E8	12/30/96	@	3/7/94 Tower
ProSigmia 5/60E	190115-XXX	Yes	E5 or E8	12/30/96	@	3/7/94 Tower

ProSigmia VS

ProSigmia VS 466SX/33	137835-XXX	Yes	E11	12/30/96	@	3/7/94 Tower
ProSigmia VS 466SX/33	163750-XXX	Yes	E11	12/30/96	@	3/7/94 Tower
ProSigmia VS 466SX/33	163755-XXX	Yes	E11	12/30/96	@	3/7/94 Tower
ProSigmia VS 466DX2/66	188350-XXX	Yes	E11	12/30/96	@	3/7/94 Tower
ProSigmia VS 466DX/33	194450-XXX	Yes	E11	12/30/96	@	3/7/94 Tower
ProSigmia VS 466DX/33	194452-XXX	Yes	E11	12/30/96	@	3/7/94 Tower
ProSigmia VS 466SX/33	199100-XXX	Yes	E11	12/30/96	@	3/7/94 Tower
ProSigmia VS 466SX/33	199102-XXX	Yes	E11	12/30/96	@	3/7/94 Tower
ProSigmia VS 466DX/33	199110-XXX	Yes	E11	12/30/96	@	3/7/94 Tower
ProSigmia VS 466DX/33	199112-XXX	Yes	E11	12/30/96	@	3/7/94 Tower
ProSigmia VS 466DX2/66	199130-XXX	Yes	E11	12/30/96	@	3/7/94 Tower
ProSigmia VS 466DX2/66	199132-XXX	Yes	E11	12/30/96	@	3/7/94 Tower
ProSigmia VS 466DX2/66	199150-XXX	Yes	E11	12/30/96	@	3/7/94 Tower
ProSigmia VS 466DX2/66	199152-XXX	Yes	E11	12/30/96	@	3/7/94 Tower

Systempro 486

SYSTEMPRO 486e	116900-XXX	No			<u>Alternatives</u>	6/1/92 Tower
SYSTEMPRO 486e	116950-XXX	No			<u>Alternatives</u>	6/1/92 Tower
SYSTEMPRO 486e	141900-XXX	No			<u>Alternatives</u>	6/1/92 Tower
SYSTEMPRO 486e	141905-XXX	No			<u>Alternatives</u>	6/1/92 Tower

Systempro/386

SYSTEMPRO/386	116500-XXX	No			<u>Alternatives</u>	9/15/93 Tower
SYSTEMPRO/386	116600-XXX	No			<u>Alternatives</u>	9/15/93 Tower

Systempro LT

SYSTEMPRO/LT 388/33	125880-XXX	No	<u>Alternatives</u>	1/1/92	Tower
SYSTEMPRO/LT 388/33	125881-XXX	No	<u>Alternatives</u>	1/1/92	Tower
SYSTEMPRO/LT 488/33	134850-XXX	No	<u>Alternatives</u>	1/1/92	Tower
SYSTEMPRO/LT 488/33	134860-XXX	No	<u>Alternatives</u>	1/1/92	Tower
SYSTEMPRO/LT 388/25	134900-XXX	No	<u>Alternatives</u>	9/5/93	Tower
SYSTEMPRO/LT 388/25	134910-XXX	No	<u>Alternatives</u>	9/5/93	Tower
SYSTEMPRO/LT 488a/25	134950-XXX	No	<u>Alternatives</u>	1/1/92	Tower
SYSTEMPRO/LT 488a/25	134960-XXX	No	<u>Alternatives</u>	1/1/92	Tower
SYSTEMPRO/LT 488/33	136745-XXX	No	<u>Alternatives</u>	1/1/92	Tower
SYSTEMPRO/LT 488/33	137401-XXX	No	<u>Alternatives</u>	1/1/92	Tower
SYSTEMPRO/LT 488/50	139750-XXX	No	<u>Alternatives</u>	3/1/92	Tower
SYSTEMPRO/LT 488/50	139752-XXX	No	<u>Alternatives</u>	3/1/92	Tower

Systempro XL

SYSTEMPRO/XL 488/50	136800-XXX	Yes	386-E4	12/30/96	@	10/5/92	Tower
SYSTEMPRO/XL 488/50	136850-XXX	Yes	386-E4	12/30/96	@	10/5/92	Tower

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROVIDED TO CUSTOMERS FOR THE SOLE PURPOSE OF ASSISTING THE PLANNING FOR THE TRANSITION TO THE YEAR 2000. THIS DOCUMENT CONTAINS THE INFORMATION CURRENTLY AVAILABLE CONCERNING THE BEHAVIOR OF COMPAQ'S PRODUCTS IN THE NEXT CENTURY AND IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND. COMPAQ DISCLAIMS ALL WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL COMPAQ COMPUTER CORPORATION OR ITS SUPPLIERS BE LIABLE FOR ANY DAMAGES WHATSOEVER INCLUDING DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, LOSS OF BUSINESS PROFITS, PUNITIVE OR SPECIAL DAMAGES, EVEN IF COMPAQ COMPUTER CORPORATION OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES SO THE FOREGOING LIMITATION MAY NOT APPLY.

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Dell Servers

CERTIFIED SYSTEMS		
Dell System	BIOS Version	ACTION REQUIRED
PowerEdge Web Server	ALL	CERTIFIED
PowerEdge 6300	ALL	CERTIFIED
PowerEdge 6100	ALL	CERTIFIED
PowerEdge 4200	ALL	CERTIFIED
PowerEdge 4100	ALL	CERTIFIED
PowerEdge 2300	ALL	CERTIFIED
PowerEdge 2200	ALL	CERTIFIED
PowerEdge 2100	ALL	CERTIFIED
BIOS FLASH		
If your System is listed below, download FLASH BIOS as indicated. (BIOS version appears on your screen when booting up)		
Dell System	BIOS Version	ACTION REQUIRED
PowerEdge XL 51xx-4	A07	Upgrade to BIOS A07 or higher
PowerEdge EL	A15	Upgrade to BIOS A15 or higher
PowerEdge SP/XE 5xx-2 with ATI Mach 32 Video Chipset	A10	Upgrade to BIOS A10 or higher
PowerEdge SP/XE 5xx-2 with ATI Mach 64 Video Chipset	A05	Upgrade to BIOS A05 or higher
PowerEdge XE 5xx	A13	Upgrade to BIOS A13 or higher
PowerEdge XE 4xx	A13	Upgrade to BIOS

		A13 or higher
PowerEdge SP 5xx	A13	Upgrade to BIOS A13 or higher
PowerEdge SP 4xx	A13	Upgrade to BIOS A13 or higher
SOFTWARE PATCH		
Must be Downloaded for your System to be Compliant		
Dell System	BIOS Version	ACTION REQUIRED
PowerEdge 40xx/XE	ALL	LOAD YR2000 SOFTWARE PATCH
PowerLine P60/SE	ALL	LOAD YR2000 SOFTWARE PATCH
PowerLine P60/DE	ALL	LOAD YR2000 SOFTWARE PATCH
PowerLine 4xxSE	ALL	LOAD YR2000 SOFTWARE PATCH
PowerLine 4xxDE	ALL	LOAD YR2000 SOFTWARE PATCH
<p><i>Dell systems not listed above may be capable of being updated via the Flash BIOS with the System Setup program or by running the Dell Program Patch program (for DOS-based systems) supplied by Dell. These utilities are provided "as is" without any warranty. Dell will not be liable for indirect, consequential or special damages, including lost profits, lost business or data due to the use of program patches.</i></p> <p><i>* BIOS' listed are the first in a system family to incorporate the internal clock fix and successfully execute NSTL's YMARK2000 program. Subsequent releases may also be available. To determine the BIOS version on Dell systems, refer to the System Setup screen (see your reference manual). In the upper right corner of the System Setup screen, the 3-digit BIOS version is shown.</i></p> <p><i>** Representative configurations of this Dell product have been certified to pass YMARK2000 by the NSTL. While Dell believes additional configurations are also Year 2000 compliant, and warrants them as such only the tested configurations are supported by the NSTL. Please link here to the NSTL for a list of certified Dell hardware products.</i></p>		

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Gateway's Position

Many companies and individuals have become concerned about the ability of their computers and software to correctly process information after the year 2000 rollover. Even though these concerns are generally associated with mainframes and large software databases, Gateway recognizes that some customers may have a concern about the ability of their personal computers to accommodate dates in the twenty-first century. Gateway takes this concern seriously and has utilized the Microsoft Millenium test to review all Intel® 486, and Pentium® based systems shipped.

Gateway customers who have purchased Intel® Pentium® based systems can be confident that their hardware, without any modifications, will function properly and roll over to the correct date when the year 2000 is upon us.

Older 486 based systems will roll over to the year 2000 and function properly in the new millennium provided they are left on through the change and are not re-booted. Once the system is turned off and re-booted, the date will not be correct. This is due to the manner in which these systems maintain the system date. Gateway PCs make use of a real-time clock chip that is imbedded on the motherboard to maintain the system date and time. When the PC is rebooted after the year 2000 rollover, the operating system looks to the real-time clock to initiate the time and date. Because the

real-time clock on an older system stores only the last two digits of the year, it will attempt to set the year to 1900 instead of 2000.

The process to restore the proper date is extremely simple and is available to Gateway customers on our web site or through our technical support organization. Once the date has been reset, the proper date will be maintained even after powering down and re-booting.

Gateway continues to test its products to assure year 2000 compliance. Gateway is committed to making any new information available to its customers in as timely a manner as is possible.

Gateway's Year 2000 Plan

Frequently Asked Questions

Additional Y2K Information Resources:

- NSTL Online
www.nstl.com
- Information Technology Association of America
www.itaa.org/year2000.htm
- Y2000 Information Center (Peter de Jager Group)
www.year2000.com

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HP Year 2000 Program

HP computer hardware: *Year 2000-readiness.*

This page provides information and links on the Year 2000 status of HP computer products.

HP encourages customers to be fully aware of the potential impact that the Year 2000 could have on their business environment and their ability to compete in the 21st century. HP also encourages its customers to take responsibility for addressing needed changes as quickly as possible. HP has made every effort to ensure the accuracy of our product testing. However, because each customer's environment is different from HP's laboratory test environment, it is the customer's responsibility to validate the Year 2000 readiness of these products in their own environment. Therefore, information about the Year 2000 status of HP products is provided "as is" without warranties of any kind.

HP 9000 Servers

Systems Tested and Year 2000 Compliant	Systems Will Not Be Tested For Compliance (End of Support Date)
840S, 850S, 855S, 860S, 870S, 890 822S, 832S, 842S, 852S 8X7S D-, E-, F-, G-, H-, I-, K-, T- and V-Class	808S, 815S (7/97) 825S, 835S/SE, 845S/SE, 635S, 645S (11/98)

HP 9000 Workstations

Systems Tested and Year 2000 Compliant

Model 705 (all configurations)
 Model 710 (all configurations)
 Model 712 (all configurations)
 Model 715 (all configurations)
 Model 720 (all configurations)
 Model 730 (all configurations)
 Model 750 (all configurations)
 Model 725 (all configurations)
 Model 735 (all configurations)
 Model 755 (all configurations)
 HP B-Class (all configurations)
 HP C-Class (all configurations)
 HP J-Class (all configurations)
 Model 742 VMEbus Board Computer
 Model 743 VMEbus Board Computer
 Model 744 VMEbus Board Computer
 Model 745 Modular Workstation
 Model 747 Modular Workstation
 Model 748 Modular Workstation
 Model 362 Modular Workstation
 Model 382 Modular Workstation

HP 3000 Servers

Systems Tested and Year 2000 Compliant	Systems Will Not Be Tested for Compliance (End of Support Date)
Series 920, 922, 932, 948, 958 Series 950, 955, 960, 980 Series 917, 927, 937, 947, 957, 967, 977, 987 Series 918, 928, 968, 978, 988 Series 929KS, 939KS, 959KS, 969KS, 979KS, 989KS Series 990, 991, 992, 995, 996, 997	Series 925, 935, 949 (11/98)

HP Net Servers

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Systems Year 2000 Compliant*	Systems Year 2000 Compliant with Manual Reset**
HP NetServer LC+	HP NetServer LC
HP NetServer LH	HP NetServer LE
HP NetServer LH Plus	HP NetServer LF
HP NetServer LH Pro	486 S20, 486 ST
HP NetServer LH II	486 T, 486 U
HP NetServer LC II	
HP NetServer E 30	
HP NetServer E 40	
HP NetServer E 45	
HP NetServer LM	
HP NetServer LS	
HP NetServer LD Pro	
HP NetServer LX	
HP NetServer LXe	
HP NetServer LX Pro	
HP NetServer LXr	
HP NetServer LXr Pro8	

*This includes all processor speeds and both uni- and dual-processor systems.

**These Systems need to have the Real-Time Clock reset manually on 01/01/2000.

Even though most Year 2000 issues primarily concern software, it's important to verify that the hardware won't create anomalies in operation, or inaccuracies in computations, because of the two-digit year in a data structure.

We've tested how our systems work with respect to hardware time -- or where the CPU deals with time, such as Real Time Clock, System Clock and Processor-Dependent Code (PDC) commands -- to verify that they are Year 2000 compliant.

HP Brio PCs, Vectra PCs and Kayak PC Workstations

Hewlett-Packard has already addressed the Year 2000 transition in its HP Brio PCs, HP Vectra PCs and HP Kayak PCs Workstations. All HP Vectra PCs and HP Kayak PCs Workstations introduced since the end of 1995 handle the rollover to the Year 2000 without any problem. A list of these systems is available on the [HP Vectra Website](#), and the [HP Brio Website](#).

For the other Pentium and Pentium Pro-based HP Vectra PCs

which have been introduced before 1995, Hewlett-Packard has made available a new version of the system BIOS which will manage the Year 2000 transition correctly. These new BIOS versions are available from the HP Support Vectra Website. A list of these systems and the BIOS version number are available on the HP Vectra Website.

If customers do not wish to update the BIOS, or have a 386 or 486 HP Vectra PC, they have several options. Although the date will not automatically roll, it can be set to the Year 2000 because the HP Vectra PCs store the year on four digits. Detailed information on these methods is available on the HP Vectra Website, or the HP Brio Website.

Hardware clock--tested for Year 2000-readiness

The RTC (also known as the Time-of-Day Clock) is responsible for maintaining the time of day at all times. This includes when the operating system is not running as well as when the power is turned off. The System Clock is responsible for maintaining the time of day for the operating system while the system is running. The hardware of the System Clock is the interval time, which is used in conjunction with software data structures and procedures to compute system time.

HP realized that problems may occur in interactions between Processor-Dependent Code (PDC) and the RTC, and in the RTC hardware itself. The RTC was run through the Year 2000 testing to verify that it returns to a proper value after rolling past the year 2000. The tests also dealt with Universal Time Coordinated (UTC) - which replaced Greenwich Mean Time (GMT) - to ensure that any two-digit fields in the hardware and associated PDC were checked.

Since the Year 2000 is a leap year, a specific test was performed by setting the clock to February 28, 2000 to make sure the date rolled over correctly to February 29, 2000, and not to March 1, 2000.

All PDC Boot Console Handler (BCH) commands that read or write the date were also tested to make sure they work with years both prior to and after the Year 2000.

Most HP NetServer systems automatically will change the RTC date to 01-01-2000 at midnight on December 31, 1999. For the few that won't, the RTC will have to be reset manually on January 1, 2000 (these are HP NetServer LC 4/66, 4/100 and 5/66; HP NetServer LE; and HP NetServer LF).

HP OmniBook Notebook PCs

Hewlett Packard has already addressed the Year 2000 transition

in all HP OmniBook notebook PCs. All current and future OmniBook products will handle the century transition without customer intervention. For a few older products, customers can easily set the date manually at the Year 2000 transition. For a complete list of product status for all HP OmniBook products, visit the [HP OmniBook Website](#).

HP Network Connectivity Products

Hewlett-Packard has tested the following products and has determined they are Year 2000 compliant:

- The entire line of HP ProCurve networking hardware products, including all hubs, switches, modules, transceivers, and accessories
- The entire line of HP AdvanceStack networking hardware products, including all hubs, switches, routers, modules, transceivers, and accessories
- The entire line of HP EtherTwist networking hardware products, including all hubs, switches, bridges, routers, modules, transceivers, and accessories
- Version K and greater of HP network device management software applications (HP TopTools for Hubs & Switches, HP AdvanceStack Assistant) designed by HP to manage HP hubs, switches, bridges, and routers, as well as all versions of the HP History Analyzer traffic management application.

The specific products that are compliant and their level of compliance are listed on the [HP Network City website](#). Additional information is also available there regarding older HP network device management or traffic management software applications for HP hubs, switches, bridges, and routers.

Data Communications and Terminal Controllers (DTC)

The following Data Communications and Terminal Controllers do no date related processing:

- DTC 16, 48, TEB
- DTC 16IX, 16TN
- DTC 16MX, 16RX, 72MX

The following DTC software versions are Y2K compliant:

- DTC Manager/UX (J2120B), version 14.4 (A.14.4J.000) for HP-UX 11.0
- DTC 16RX Manager (J2496B), version 14.4 (A.14.3J.000) for HP-UX 11.0
- PC Based OV DTC Manager (D2355B), version 14.4

(A.14.40.000) for Windows 95, running HP OpenView
D.01.02. User must obtain and install patch ODMFD46.

Magneto-Optical Jukeboxes, DLT Libraries and Half-inch Tape Products

There have been some inquiries regarding the magneto-optical jukeboxes, DLT libraries, and half-inch tape products manufactured by Storage Systems Division (SSD) and any issues that may exist with respect to the Year 2000. Our products do not use any internal clocks and perform no date related processing that would be affected by this date change. Therefore, there should be no issues with our devices specifically*. In addition, the Hewlett-Packard supplied software drivers shipped with the standalone boxes and shipped, as a part of HP-UX should have no problems with the Year 2000. As a division, we have also communicated with our major ISVs concerning their Year 2000 status, but always check with your specific software vendor concerning their compliance**.

*Hewlett-Packard has made every effort to ensure the accuracy of our product testing. However, because each customer's environment is different from HP's laboratory test environment, it is the customer's responsibility to validate the Year 2000 readiness of these products in their own environment. Therefore, information about the Year 2000 status of HP products is provided "as is" without warranties of any kind.

**Hewlett-Packard makes no representation or warranty respecting the accuracy or reliability of information about non-HP products. Such information was provided by the manufacturers of those products and customers are urged to contact the manufacturer directly to verify Year 2000 readiness.

[Year 2000 HOME](#)

[HP's Cure2000 Solution](#)

[HP Y2K Product Compliance Definition](#)

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Upgrading**

All Micron computer systems (including NetFRAME® systems) manufactured after August 26, 1996, are year 2000 compliant.

If your system was manufactured before that date you can test it for year 2000 compliance by running NSTL's YMARK2000 utility. You can download the free utility from the [NSTL Web site](#) and it will determine if your machine can properly handle dates after the turn of the century.

If the YMARK2000 test reveals your computer is not year 2000 compliant, you can manually change the system date in the CMOS setup program when you turn on the system January 1, 2000.

You can also use the program YEAR2000.COM to change the system date in the CMOS setup for you. You can load this software into your configuration files and it will automatically update your system BIOS settings. You can read more about this program and find it at the [RightTime Web site](#). A RightTime representative said the software "functions correctly under all common PC operating systems except Windows NT, including all OS/2 versions."

In some cases, it may be necessary to obtain an updated BIOS for your system. For an upgrade to your system's BIOS we recommend that you contact Micro Firmware. Micron Electronics has tested the Micro Firmware upgrades for the Micronics Jx30, Jx30G, Jx30GC, M54Pi, M54LI, and M54HI motherboards, and have verified that these updated BIOS's will solve the year 2000 issue. For more information on BIOS upgrades, or to see if an upgraded BIOS is available for your computer's motherboard, please contact Micro Firmware. You can visit the [Micro Firmware Web site](#) or you can reach

Year 2000*compliance***Related information**

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Micron Electronics, Inc.

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Systems Tested by NSTL

The following systems have been tested by NSTL using YMARK2000. Each system meets NSTL test standards for Year 2000 hardware compliance.

SYSTEM NAME	MOTHERBOARD	BIOS
ClientPro	Marl	1009DB05.B10
ClientPro	Tucson	1.00.02.DH05
ClientPro 766Xi	Augusta	4A4LL0X0.05A.0012.P05
ClientPro Classic	Marl	1009DB05.B10
ClientPro MRE	Lonetree	4L3TT0X0
ClientPro MTA	Tucson	1.00.02.DH05
ClientPro MTE	Tucson	1.00.02.DH05
ClientPro VXE	Reliant	M04
ClientPro XLU	Portland	1.00.02.DT05

ClientPro Xvi	Venus	1.00.16.CS1
ClientPro2	Venus	1.00.16.CS1
ClientPro2	Venus II	10.07.CS15-7.0
LV2000	Redwood	1.00.01
LV2000	Redwood	1.00.2.1
Millennia LXA	M55HI+	M55HI-04
Millennia LXA	M55HI+ Rev B	10B
Millennia LXE	M55HI+ Rev D	Phoenix 4.05 Release 6.0
Millennia MME	Anchorage	P06.0021
Millennia PRO	Lightning	Phoenix 4.05
Millennia SE	M55HI+ Rev D	Phoenix 4.05 Release 6.0
Millennia XKU	Atlanta	4A4LL0X0.05A.0012.P05
Millennia XRU	Portland	1.00.02.DT05
MV5000	Madrona	1.00.03
MV5000	Madrona	1.00.04
NF9008	NF9008	F23
NF9008	NF9008	F20
NF9016	NF9016	E18

Powerdigm Xli	Lightning	Phoenix 4.05
Powerdigm Xli	Lightning Rev B	Phoenix 4.05
Powerdigm Xsu	Preston	PTSAM-02
Transport MRX	Transport MRX	4.0.11-04
Transport VLX	Transport VLX	Phoenix 4.05
Transport XKE	Transport XKE	28-05
Transport XPE	Transport XPE	Phoenix 4.05
Vetix EL	Lightning	Phoenix 4.05
Vetix EL	Lightning Rev B	Phoenix 4.05
Vetix LXI	Buckeye	1.00.03
Vetix LXI	Buckeye	1.00.04
Vetix LXI	Buckeye	1.00.05
Vetix LXI	Buckeye	1.00.06
Vetix MXI	Buckeye	1.00.04
Vetix MXI	Buckeye	1.00.05
Vetix MXI	Buckeye	1.00.06

Go to [Micron Electronics, Inc.](http://www.micron.com) for more information on policies, support and products.

Systems Tested by Micron

The following systems have been tested by Micron using YMARK2000 under NSTL's self-testing program. According to Micron, each system meets NSTL's test standards for Year 2000 hardware compliance.

SYSTEM NAME	BIOS VENDOR / REVISION	BIOS DATE
Client Pro 350	4S4EBOX1.05A.0006.P03	3/26/98
Client Pro 400	4S4EBOX1.05A.0006.P03	3/26/98
GoBook	Phoenix 21-02	6/4/98
GoBook 2	Phoenix v. 09-02	7/1/98
LV2000	Intel V.2.1	02/27/98
LV2001	Intel V.2.1	02/27/98
Millennia 350	4S4EBOX1.05A.0006.P03	3/26/98
Millennia 400	4S4EBOX1.05A.0006.P03	3/26/98
MV5000	Intel V.38	04/10/98
MV5001	Intel V.38	04/10/98
NetFRAME MV5000	Intel V6.0	8/12/98
NetFRAME MV5001	Intel V6.0	8/12/98
NetFRAME 3100	Intel BIOS Rev. 04	4/2/98
NetFRAME 3100	Intel V6.2	7/14/98

NetFRAME 3101	Intel BIOS Rev. 04	4/2/98
NetFRAME 3101	Intel V6.2	7/14/98
NetFRAME LV2000	Phoenix/ 3.1	05/06/98
NetFRAME LV2000	Intel v4.0	7/16/98
NetFRAME LV2001	Phoenix/ 3.1	05/06/98
NetFRAME LV2001	Intel v4.0	7/16/98
NetFRAME MV5000	Intel BIOS Rev. 05.1	4/8/98
NetFRAME MV5001	Intel BIOS Rev. 05.1	4/8/98
NF3100	Intel V.4.0	04/10/98
NF3101	Intel V.4.0	04/10/98
NF9008	Phoenix V.F24	01/27/98
NF9016	Phoenix V.E24	01/27/98
TransPort TREK	Phoenix 0521	5/20/98
TransPort XKE	Phoenix 32-01	6/3/98
Vetix MXI	Intel V.06	12/17/97

***Systems Similar in Architecture
to Tested Systems***

The following systems have not been tested by NSTL. Micron claims that the systems are similar in architecture to the NSTL-tested system indicated. NSTL agrees in principle that these differences should not affect Year 2000 compliance; however, this has not been verified by NSTL.

SYSTEM NAME	SIMILAR ARCHITECTURE TO NSTL-TESTED SYSTEM
Client Pro 350	Millennia 350
Client Pro 400	Millennia 350
Millennia 400	Millennia 350

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Spencer, Stephen G

From: TROBISON@micronpc.com
 Sent: Monday, October 05, 1998 9:46 AM
 To: Stephen_G_Spencer@RL.gov
 Subject: RE: ONLINE

Both mother boards are identical and are Y2K compliant. The boards are M55Hi-Plus boards. This is the URL for our site on these boards.

<http://www.micronpc.com/about/year2000/M55Hi.html>

Ted Robison
 Micron Advantage Tech Support
 Trobison@micronpc.com
 NEW RULES O NEW TOOLS O NEW THINKING

-----Original Message-----

From: Stephen_G_Spencer@RL.gov [mailto:Stephen_G_Spencer@RL.gov]
 Sent: Monday, October 05, 1998 9:33 AM
 To: Internet - Tech Support
 Subject: RE: ONLINE

Tech Support,

As per your request I have included the system Serial Numbers with the motherboard Serial Numbers. See additions below:

Steve Spencer

> -----Original Message-----

> From: techsupp@micronpc.com [SMTP:techsupp@micronpc.com]
 > Sent: Tuesday, September 29, 1998 4:23 PM
 > To: Stephen_G_Spencer@RL.gov
 > Subject: RE: ONLINE

>

> The information in your email was not sufficient to locate the records
 > on
 > this computer. If needing further assistance please include your
 > customer
 > number and/or the serial number from the specific system in question.

>

> Ted Robison
 > Micron Advantage Tech Support
 > Trobison@micronpc.com
 > NEW RULES O NEW TOOLS O NEW THINKING

>

>

> -----Original Message-----

> From: Stephen_G_Spencer@RL.gov [mailto:Stephen_G_Spencer@RL.gov]
 > Sent: Monday, September 28, 1998 8:15 AM
 > To: techsupport.meic@micron.com
 > Subject: ONLINE

>

>> Tech. Support,

>>

>> On the Y2K site each PC that is compliant is identified by
 >> motherboard
 >> name and bios. Unfortunately when the following machines were setup

>> by an outside contractor on our site they failed to leave any of the
>> PC's documentation. I cracked the boxes looking for a mother board
>> name but could only find the serial numbers. Is there a way for you
>> to crosswalk these serial numbers to a mother board and bios name to
>> ensure Y2K compliance?
>
>> Model: Millenia P200
>>
>> System Serial Number: 689690-0001
>> Motherboard Serial Number: MB56345418-09-00273-16 Rev. 7
>>
>> System Serial Number: 677080-0001
> Motherboard Serial Number: MB56338007-09-00273-26 Rev. 7A
>>
>> Date: 09/28/98
>> Return Email - Stephen_G_Spencer@rl.gov
>> (509) 373-2955
>> (509) 373-1050 FAX
>>
>> Thank you
>>
>> Steve Spencer
>>

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1-800-209-9686

Information Displayed at System Re-Boot	Motherboard Model	Year 2000 Compliant?
PhoenixBIOS Version 4.05 M55Hi-Plus-Xxx	M55Hi-Plus	Yes

Year
2000

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Year 2000 Compliance Statement

A product defined as being Year-2000 compliant will not produce errors in date data related to the year change from December 31, 1999 to January 1, 2000. Any Year-2000 compliant product will handle leap years correctly.

The compliant product will utilize specific, non-ambiguous representation, handling and interpretation of centuries represented by two digits if such representation is allowed by the product.

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Year 2000 Compliant Product List

DISCLAIMER: This table is based on current plans and estimates. Accordingly, the table and the options stated are subject to change in the future at Sun's discretion.

Year 2000 Compliance Status Codes:

1	Defines a product that was Year 2000 compliant at the time of release. Sometimes free modifications may be needed after release.
2	Defines a product that requires Year 2000 modifications for Year 2000 compliance.
3	Product under review
4	Year 2000 Non-Compliant-Upgrade/migrate to a Year-2000 Compliant Product.

Product Name/ Description	Version	Year 2000 Compliance Status	Comments
SOLARIS OPERATING SYSTEMS:			
Solaris SPARC/Intel	2.6	1	Click Here for Required Modifications
Solaris SPARC/Intel	2.5.1	2	Click Here for Required Modifications: SPARC Intel
Solaris SPARC/Intel	2.5	2	Click Here for Required Modifications
Solaris SPARC/Intel	2.4	2	Click Here for Required Modifications

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Solaris SPARC	2.3	2	Click Here for Required Modifications
SunOS	4.1.4	2	Click Here for Required Modifications
SunOS	4.1.3_ul Version B	2	Click Here for Required Modifications
SUN FEDERAL PRODUCTS:			
Trusted Solaris	2.5	2	Click Here for Required Modifications
Trusted Solaris	1.2	2	Modifications Available 11/98
AUTHORING & DEVELOPMENT TOOLS:			
Sun Visual WorkShop C++	3.0	2	Click Here for Required Modifications
Sun Performance WorkShop Fortran	3.0	2	Click Here for Required Modifications
Sun WorkShop Professional C	3.0	1	
Sun WorkShop Professional Pascal	5.0	2	Click Here for Required Modifications
SPARCompiler Ada 3.0/SPARCworks iMPact Ada 2.0		1	
Sun WorkShop Compilers C/C++	4.2	1	
Sun WorkShop Compilers Fortran	4.2	2	Click Here for Required Modifications
Sun WorkShop TeamWare	2.0	2	Click Here for Required Modifications
Sun WorkShop University	3.0	2	Click Here for Required Modifications
Java Studio	1.0	1	

Java WorkShop	1.0	4	
Java WorkShop	2.0	1	
NETWORK APPLICATIONS PRODUCTS:			
Solstice Internet Mail Server	2.0	1	
Sun Internet Mail Server	3.1	1	
Solstice Internet Mail Server	1.0	1	
RSVP (Bandwidth Management)	1.0	1	
Frame Relay	2.0.1	1	
GDMO Builder	1.0	1	
TMN/SNMP Q-Adapter	1.0	1	
TMNscript	1.1	1	
PPP Product family	3.0.1	1	
X.25 Product Family	9.1	1	
X.400 Product Family	9.0	1	
X.500 Product family	1.0	1	
FTAM	8.0.3	1	
TMN Agent Toolkit	2.0	1	
Solstice Network Client (NFS Client)	3.1	1	
Domain Manger	2.3	2	Click Here for Required Modifications
Site Manager	2.3	2	Click Here for Required Modifications
SunNet Manager	2.3	2	Click Here for Required Modifications
Cooperative Consoles	1.1	1	
Solstice FireWall-1	3.0	2	Call 1 (800) USA-4-SUN request patch 3.0b & build 3045
Bandwidth Mgmt	1.0	1	
SunDS	1.0	1	
TMNscript	1.1	1	

X.25	7.0	1	
Enterprise Manager	2.1, 2.0.1	1	
BA(Bandwidth Mgmt)	1.0	1	
CMIP	8.2.1	1	
OSI	8.1.1	1	
TMN Agent Tester	1.1	1	
JDMK	2.0	1	
PC NFS	5.1	1	
EFS	1.1	1	
SPF200	1.0	1	
SKIP	1.1.1-Solaris	1	
SKIP	3.0-NT	1	
SKIP-W95	3.0	1	
SSMI	4.3, 4.4	1	
SSMD	1.4, 4.4	1	
SSAO	4.3	1	
SSMAS	4.3	1	
SSMDT	4.3	1	
SSMI	2.1 Win95/NT	1	
SSMD	2.2 Win95/NT	1	
SSMA	2.2 Win95/NT	1	
SSMA	4.4	1	
NETWORK COMPUTING PRODUCTS:			
AdminSuite	2.3	2	Click Here for Required Modifications
AutoClient	2.1, 1.0, 1.01	2	Click Here for Required Modifications
Solstice BackUp	4.2.6	2	Call 1-800- USA-4SUN Request patch 105036-03
Solstice BackUp	5.0.1	2	Call 1-800- USA-4SUN Request patch 105658-03
BackUp DMO	2.1	1	

Solstice Backup	5.1	1	
DiskSuite	4.1	2	Patch ID no. 104172- 09SPARC 104173-09Intel
	1.0	1	
OpenGL	1.0, 1.1	1	
Wabi	2.2	1	
Wabi Server	1.0	2	TBD
Solaris NEO	2.0	1	
CDE	1.0.2	2	Click Here for Required Modifications
CDE	1.2	1	
NIS	All	1	
NIS+	All	1	
INTERACTIVE UNIX System	4.1.1	1	
JDK	1.1.6	1	
KCMS	2.4	1	
	2.5	1	
	2.5.1	1	
PEX	2.3	1	
	2.4	1	
	2.5	1	
	2.5.1	1	
XGL	2.3	1	
	2.4	1	
	2.5	1	
	2.5.1	1	
XIL	2.3	1	
	2.4	1	
	2.5	1	
	2.5.1	1	
Sun Enterprise HA Cluster	1.3	1	
SSIE	1.0	2	Ref. DiskSuite 4.1
NEO	2.0	1	
SWS	1.0	1	

SMCC HARDWARE PRODUCTS:			
Sun 3 Series	All	Not Supported	
***Products below require a y2000 compliant version of a Solaris Operating System			
Sun 4 Series (Not supported after Solaris 2.4)	4/1XX, 4/2XX, 4/3XX, 4/4XX	1	
SPARCstation Series	1, 1+, 2, Classic, ELC, IPC, IPX, LX, SLC, 4, 5, 10, 20, 630MP, 670MP, Voyager	1	*600 Series not supported after Solaris 2.5.1
SPARCserver Series	1, 1+, 2, ELC, IPC, IPX, LX, SLC, 4, 5, 10, 20, 630MP, 670MP, 690MP	1	*600 Series not supported after Solaris 2.5.1
SPARCserver Series	1000, 1000E	2	Requires PROM Version 2.31 or later. Call 1-800-USA-4-SUN Kit p/n Order In Stock NAFO FRU: 560-1962-07
SPARCcenter 2000, 2000E	All	2	Requires PROM Version 2.31 or later. Call 1-800-USA-4-SUN Order In Stock NAFO FRU: 560-1962-07
Ultra Series	1, 2, 5, 10, 30, 60	1	
Sun Enterprise Series (Ultra Enterprise Series)	1, 2, 150, 450, 10000, 5S, 10S (including HPC versions)	1	
Sun Enterprise Series (Ultra Enterprise Series)	3000, 4000, 5000, 6000, 3500, 4500, 5500, 6500,	2	Patch required only for systems w/PROM ver. 3.2.9 or earlier.

See ps 2
of this
section

	(including HPC versions)		Patch ID 103346-08
X Terminal Series	All	1	
Netra series (requires y2000 compliant version of Netra Software)	All	1	
SPARC Storage Array	SSA 100, 101, 102, 104, 110, 112, 114, 200, 204 RSM, 209 RSM, 210, 214 RSM, 219 RSM	1	
StorEdge A1000, D1000 Disk Array	All	1	
RSM 2000 Disk Array (Sun StorEdge A3000)	All	1	See RM6 software
StorEdge A5000 (Sun Enterprise Network Array)	All	1	
SunPC Card	All	1	Ref SunPC Software
CD-ROM Drives	All	1	SCSI and EIDE
Floppy Disk Drives	All	1	
Tape Drives	QIC, SLR, 4mm, 8mm, DLT	1	
Enterprise Tape Library	ETL 4/1000, Sun StorEdge L1800 (ETL 4/1800), Sun StorEdge L3500 (ETL 4/3500), L1000	2*	* Requires LibMON 2.0 available 9/1998
8mm Tape Library (SPARCstorage)	All	1	Includes Sun StorEdge L400, L140
Tape Autoloaders	4mm, DLT	1	
SCSI Disk Drives	All	1	
EIDE Disk Drives	All	1	
Sun Bandwidth Allocator	All	1	
SBUS Expansion Subsystem (X1072A)	All	1	
NeWSprint Printers	SPARCprinter SPARCprinter II NeWSprinter 20 NeWSprinter CL+	2	Upgrade to NeWSprint 2.5b & install patch 101941-03. English only.

SPARCprinter	E, EC	1	
SMCC SOFTWARE PRODUCTS:			
HPC	2.0-B	1	
SoftWindows 95	All	1	
Ethernet Drivers	All	1	Includes all Ethernet adapters
ATM Driver	All	1	Includes all ATM adapters
FDDI Drivers	All	1	Includes all FDDI adapters
Token Ring Drivers	All	1	Includes all TRI adapters
HSI Drivers (SBUS and PCI)	All	1	Includes all SBUS and PCI HSI adapters
PrestoServe drivers	All	1	SBUS and NVRAM
SPC/S Driver	All	1	Includes SPC/S card
ISDN Driver	All	1	Includes all ISDN adapters
SAI/PCI Driver	All	1	Includes SAI adapter
Graphics Device Drivers	All	1	Includes all frame buffer cards
DDX Modules	All	1	
XGL Pipelines	All	1	
XIL Pipelines	All	1	
OpenGL Pipelines	All	1	
Netra I	3.2, 3.2.1	3	
Netra J	2.0	1	
Netra NFS	1.0, 1.1	1	
NeWSprint	2.5b	2	Patch ID: 101941-03 for English only. (Impacts header

			sheet display, non-english locales can change ps files manually.)
Sun StorEdge RAID Manager, Raid Manager 6: RM6	6.1 (Solaris) 6.1.01 (Solaris) 6.1.40 (HP-UX) 6.1.21 (NT)	1	RSM 2000 Software
Solstice SyMON	1.3 , 1.4, 1.5, 1.6	1	
Sun StorEdge Enterprise HSM (Sun Enterprise HSM)	3.2	1	Modifications Available Mid- 1998
Sun Enterprise Web Start Server	1.0	1	
Sun StorEdge Enterprise NetBackup (Sun Enterprise Netbackup)	3.1.1	1	
Sun StorEdge Volume Manager (Sun Enterprise Volume Manager, SPARCstorage Volume Manager)	2.4, 2.5, 2.6	1	
SunDiag	All	4	Upgrade to SunVTS
SunLink SNA SNM	9.1	1	All older versions Sunlink products need to upgrade to ver 9.1 or later.
SunLink Client 3270	9.1	1	
SunLink Client CG3270	9.1	1	
SunLink LUO	9.1	1	
SunLink PTP RT	9.1	1	
SunLink PTP Toolkit	9.1	1	
SunLink RJE-3770	9.1	1	
SunLink SNA Session RTU's	9.1	1	
SunLink SNA3270 Gateway	9.1	1	
SunPC Software (not included OS)	4.1, 4.2	2	4.1: 102924-26 4.2: 105557-01
SunVTS	2.1	1	
SunVTS	2.0, 2.0.1	2	105221 (for 2.0.1) 105673 (for 2.0)

SunXTL	1.1	1	
Sun Webserver	2.0	1	
Alternate Pathing (Starfire Ultra Enterprise 10000)	1.0	1	
System Service Processor (SSP) (Starfire Ultra Enterprise10000)	3.0	4	Upgrade to 3.1
System Service Processor (SSP) (Starfire Ultra Enterprise 10000)	3.1	2	Patch ID nos. 106281-01 106282-01
VERITAS File System	2.3 , 3.2, 3.2.1	1	
Sun Cluster	2.0, 2.1	1	
X Terminal Software	All	1	
Sun Trunking SW	1.0	1	
Sun PHIGS (Graphics Interface software)	All	1	
SCSI Drivers	All	1	Includes all SCSI adapters
Network Terminal Software	1.0, 10.0, 10.0A	4	Patches available by 3rd party supplier. Call 1-800- 2LANWAN to get 14.1 Host Tools Component.
Libmon (Enterprise Library)	2.0	1	Modifications Available Q21998
LibMON (Enterprise Library)	1.0	4	Upgrade to 2.0 available 9/19/98
ShowM			

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Toshiba Computers and the Year 2000
APPENDIX A. Year 2000 Compliance for Toshiba Computers

Product Model Numbers: The Model Numbers listed here are the basic Model Numbers. In some cases, the Model Number may end with a '5' depending on the factory pre-installed software. For example, from a year 2000 compliance point of view, a 400CDS is the same as a 405CDS. Only additional value added software to 405CDS is the difference.

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Product Model Numbers	BIOS vers. Tested	NSTL Certified	State system is in when date turns 2000						
			System Off	Win 95 On	Win 95 Susp.	DOS 6.22 On	DOS 6.22 Susp.	WinNT On	WinNT Susp.
Portable									
Tecra									
Tecra 8000	7.40	Yes *	OK	OK	OK	OK	OK	OK	OK
Tecra 780 DVD	6.40	Yes *	OK	OK	OK	OK	OK	OK	OK
Tecra 750DVD	6.40	Yes *	OK	OK	OK	OK	OK	OK	OK
Tecra 750CDM	6.40	Yes *	OK	OK	OK	OK	OK	OK	OK
Tecra 750CDT	6.50	Yes *	OK	OK	OK	OK	OK	OK	OK
Tecra 740CDT	6.50	Yes *	OK	OK	OK	OK	OK	OK	OK
Tecra 730XCDT	6.20	Yes *	OK	OK	OK	OK	OK	OK	OK
Tecra 730CDT	5.50	Yes *	OK	OK	OK	OK	OK	OK	OK
Tecra 720CDT	5.80	Yes *	OK	OK	OK	OK	OK	OK	OK
Tecra 710CDT	5.80	Yes *	OK	OK	OK	OK	OK	OK	OK
Tecra 700CS	5.50	Yes *	OK	OK	OK	OK	OK	N/A	N/A
Tecra 700CT	5.50	Yes *	OK	OK	OK	OK	OK	N/A	N/A
Tecra 550CDT	6.30	Yes *	OK	OK	OK	OK	OK	OK	OK
Tecra 530CDT	6.20	Yes *	OK	OK	OK	OK	OK	OK	OK
Tecra									

520CDT	6.20	Yes *	OK	OK	OK	OK	OK	OK	OK
Tecra 510CDT	6.70	Yes *	OK	OK	OK	OK	OK	OK	OK
Tecra 500CS	5.60	Yes *	OK	OK	OK	OK	OK	OK	OK
Tecra 500CT	5.60	Yes *	OK	OK	OK	OK	OK	OK	OK
Portégé									
Portégé 7000CT	7.20	Yes *	OK	OK	OK	OK	OK	OK	OK
Portégé 320CT	6.10	Yes *	OK	OK	OK	OK	OK	OK	OK
Portégé 300CT	6.40	Yes *	OK	OK	OK	OK	OK	OK	OK
Portégé 660CDT	6.30	Yes *	OK	OK	OK	OK	OK	OK	OK
Portégé 650CT	6.00	Yes *	OK	OK	OK	OK	OK	N/A	N/A
Portégé 620CT	5.20	Yes *	OK	OK	OK	OK	OK	N/A	N/A
Portégé 610CT	5.10	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Portégé 3600CT	5.00	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Portégé 3400	1.30	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Portégé 3400CT	1.30	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Libretto									
Libretto 100CT	6.40	Yes *	OK	OK	OK	OK	OK	OK	OK
Libretto 70CT	6.20	Yes *	OK	OK	OK	OK	OK	OK	OK
Libretto 50CT	6.40	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite Pro									
Satellite Pro 490CDT	6.30	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite Pro 490XCDT	6.30	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite Pro 480CDT	6.50	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite Pro 470CDT	6.50	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite Pro 460CDT	6.90	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite Pro 460CDX	6.90	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite Pro 440CDT	6.90	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite Pro 440CDX	6.90	Yes *	OK	OK	OK	OK	OK	OK	OK

Satellite Pro 430CDS	6.30	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite Pro 430CDT	6.30	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite Pro 420CDS	5.30	Yes *	OK	OK	OK	OK	OK	N/A	N/A
Satellite Pro 420CDT	5.30	Yes *	OK	OK	OK	OK	OK	N/A	N/A
Satellite Pro 410CS	5.50	Yes *	OK	OK	OK	OK	OK	N/A	N/A
Satellite Pro 410CDT	5.50	Yes *	OK	OK	OK	OK	OK	N/A	N/A
Satellite Pro 400CS	5.60	Yes *	OK	OK	OK	OK	OK	N/A	N/A
Satellite Pro 400CDT	5.60	Yes *	OK	OK	OK	OK	OK	N/A	N/A
Satellite Pro T2150CDS	5.00	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite Pro T2150CDT	5.00	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite Pro T2450CT	5.00	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite									
Satellite 4005CDT	7.40	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite 4005CDS	7.40	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite 4015CDT	7.40	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite 4015CDS	7.40	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite 330CDT	6.10	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite 330CDS	6.10	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite 320CDT	6.10	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite 320CDS	6.10	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite 310CDT	6.10	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite 310CDS	6.10	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite 300CDS	6.10	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite 220CDS	6.90	Yes *	OK	OK	OK	OK	OK	OK	OK
Satellite 200CDS	6.00	Yes *	OK	OK	OK	OK	OK	N/A	N/A
Satellite 110CS	5.10	Yes *	OK	OK	OK	OK	OK	N/A	N/A

Satellite 110CT	5.10	Yes *	OK	OK	OK	OK	OK	N/A	N/A
Satellite 100CS	5.20	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T2110CS	5.10	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T2130CS	5.10	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T2130CT	5.10	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T2100	5.00	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T2100CS	5.00	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T2100CT	5.00	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T1960CS	2.40	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T1960CT	2.50	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T2400CS	5.00	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T2400CT	5.00	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T1910	2.40	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T1910CS	2.40	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T1950	2.40	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T1950CS	2.40	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T1950CT	2.50	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T1900	1.30	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Satellite T1900C	1.30	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
T-series									
T4850CT	5.00	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
T4900CT	5.00	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
T4800CT	5.00	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
T4700CS	5.00	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
T4700CT	5.00	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
T6600C	1.30	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A

T6600C/CD	1.30	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
T6600C/CDV	1.30	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
T4600	1.40	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
T4600C	1.40	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Dynapad									
Dynapad T200	1.00	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Dynapad T200CS	1.30	No *	OK	FAIL (*1)	FAIL (*1)	OK (*2)	OK (*2)	N/A	N/A
Desktop									
Infinia									
Infinia 7260	1.00.02	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Infinia 7231	1.00.03	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Infinia 7230	1.00.03	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Infinia 7202	1.00.03	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Infinia 7220	1.00.08	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Infinia 7201	1.00.08	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Infinia 7161	1.00.08	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Infinia 7200	1.00.06	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Infinia 7160	1.00.06	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Infinia 7130	1.00.06	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Equium									
Equium 100	0005.P03	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Equium 5160D	1.00.02	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Equium 5200D	1.00.05	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Equium 5230D	1.00.05	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Equium 6200D	1.00.02	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Equium 6230D	1.00.02	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Equium 6200M	1.00.02	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Equium 6260M	1.01.01	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Equium 7000S (Intel riser)	00.02.01	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Equium 7000D (Intel riser)	00.02.01	Yes *	OK	OK	N/A	OK	N/A	OK	N/A
Equium 7000S	00.02.01c	Yes *	OK	OK	N/A	OK	N/A	OK	N/A

(3Com riser)										
Equium 7000D (3Com riser)	00.02.01c	Yes *	OK	OK	N/A	OK	N/A	OK	N/A	
Equium 7100S	00.01.02	Yes *	OK	OK	N/A	OK	N/A	OK	N/A	
Equium 7100D	00.01.02	Yes *	OK	OK	N/A	OK	N/A	OK	N/A	
Server										
Magnia										
Magnia 3000	5.0	Yes *	OK	OK	N/A	OK	N/A	OK	N/A	
Magnia 5000	5.0	Yes *	OK	OK	N/A	OK	N/A	OK	N/A	

Notes:

- N/A means Not Applicable
- "OK" means both the BIOS and O/S clocks are correctly updated, and no action is required. It is important both clocks are correctly updated (see comments below).

(1*) For these systems, the Windows Clock will increment to 2000 OK, but the BIOS clock will not, so even though everything appears OK, on the subsequent Boot, the O/S clock will be incorrectly set from the BIOS clock. It is recommended these systems be turned OFF before Dec. 31st 1999, and not turned ON again until January 1st. This allows the BIOS clock to change correctly to 2000.

(2*) For these systems, the BIOS and DOS Clock will increment to 2000 OK, UNLESS POWER.EXE is loaded in Config.sys. Then it will not. It is recommended these systems be turned OFF before midnight on Dec. 31st, and not turned ON again until January 1st. This will guarantee the BIOS clock changes correctly to 2000.

- Re: NSTL Certification

Yes * Models were tested with the BIOS listed. Subsequent BIOS versions will also pass the NSTL YMARK2000 test program.

No * Models need the Toshiba Year 2000 date correction program (TOSH2000) to pass the NSTL YMARK2000 test program successfully.

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LMSI Fileservers by Risk Rank

Fileserver		Property			Risk-Based		
Rank	Name	Description	Number	Make	Model	Type	ME
							Score
1	ACAD-DE					FS--Nationalized	No 96
2	ADS200					FS--Nationalized	No 96
3	ADS300					FS--Nationalized	No 96
4	APCNS01					FS--Nationalized	No 96
5	APCNS02					FS--Nationalized	No 96
6	APEIS01					FS--Nationalized	No 96
7	APEIS02					FS--Nationalized	No 96
8	APESD01					FS--Nationalized	No 96
9	APH2K01					FS--Nationalized	No 96
10	APH2K02					FS--Nationalized	No 96
11	APHTF01					FS--Nationalized	No 96
12	APISRCH					FS--Nationalized	No 96
13	APJCSID					FS--Nationalized	No 96
14	APLABS2					FS--Nationalized	No 96
15	APMEZZ0					FS--Nationalized	No 96
16	APOASIS					FS--Nationalized	No 96
17	APRLHR0					FS--Nationalized	No 96
18	APSNA01					FS--Nationalized	No 96
19	APVIDON					FS--Nationalized	No 96
20	APY2K01					FS--Nationalized	No 96
21	APY2K02					FS--Nationalized	No 96
22	BCS108					FS--Nationalized	No 96
23	BD00034					FS--Nationalized	No 96
24	BD00120					FS--Nationalized	No 96
25	BD00183					FS--Nationalized	No 96
26	BD00280					FS--Nationalized	No 96
27	BD00285					FS--Nationalized	No 96
28	BE200-M					FS--Nationalized	No 96
29	BE300-M					FS--Nationalized	No 96
30	BE700-M					FS--Nationalized	No 96
31	BERT-NT					FS--Nationalized	No 96
32	BETS-LI					FS--Nationalized	No 96
33	BETS209					FS--Nationalized	No 96
34	BETS210					FS--Nationalized	No 96
35	BETS709					FS--Nationalized	No 96

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LMSI Fileservers by Risk Rank

Fileserver		Property			Risk-Based		
Rank	Name	Description	Number	Make	Model	Type	ME Score
36	BETS710					FS--Nationalized	No 96
37	BETSTES					FS--Nationalized	No 96
38	BRAVOPI					FS--Nationalized	No 96
39	DC01CTL					FS--Nationalized	No 96
40	DC1100A					FS--Nationalized	No 96
41	DC1100H					FS--Nationalized	No 96
42	DC200EA					FS--Nationalized	No 96
43	DC200EH					FS--Nationalized	No 96
44	DC200WH					FS--Nationalized	No 96
45	DC300AN					FS--Nationalized	No 96
46	DC300HA					FS--Nationalized	No 96
47	DC700AN					FS--Nationalized	No 96
48	DC700HA					FS--Nationalized	No 96
49	DCSMS					FS--Nationalized	No 96
50	DEVELOP					FS--Nationalized	No 96
51	DHCP110					FS--Nationalized	No 96
52	DOUGRAS					FS--Nationalized	No 96
53	DS016					FS--Nationalized	No 96
54	DSSQLTE					FS--Nationalized	No 96
55	GRIFFCA					FS--Nationalized	No 96
56	IS_ADMI					FS--Nationalized	No 96
57	ISEARCH					FS--Nationalized	No 96
58	JUSTIN					FS--Nationalized	No 96
59	M5160X					FS--Nationalized	No 96
60	MERLYN					FS--Nationalized	No 96
61	NETCLOC					FS--Nationalized	No 96
62	NEXUS					FS--Nationalized	No 96
63	NIS					FS--Nationalized	No 96
64	NOTES					FS--Nationalized	No 96
65	OASIS-R					FS--Nationalized	No 96
66	OTS					FS--Nationalized	No 96
67	OTSPROD					FS--Nationalized	No 96
68	PX17034					FS--Nationalized	No 96
69	RA_POLL					FS--Nationalized	No 96
70	ROWLEY-					FS--Nationalized	No 96

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LMSI Fileservers by Risk Rank

Fileserver		Property			Type	Risk-Based	
Rank	Name	Description	Number	Make		ME	Score
71	SACSBRI				FS--Nationalized	No	96
72	SMS011N				FS--Nationalized	No	96
73	SMS030G				FS--Nationalized	No	96
74	SR10				FS--Nationalized	No	96
75	UDO				FS--Nationalized	No	96
76	WILSONO				FS--Nationalized	No	96
77	WINS110				FS--Nationalized	No	96
78	WINS200				FS--Nationalized	No	96
79	WINS700				FS--Nationalized	No	96
80	WV00910				FS--Nationalized	No	96
81	ZEUS				FS--Nationalized	No	96

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Spencer, Stephen G

From: Spencer, Stephen G
Sent: Tuesday, October 06, 1998 1:48 PM
o: Bass, Robert B
Subject: RENOVATION COMPLETION NOTICE LMHC Y2K DFSP

Bob,

This is to inform the LMHC/TWRS Y2K Program that the LMHC Y2K Dedicated Fileserver Project (DFSP) Renovation, was completed on 9/9/98. The LMHC Y2K DFSP's primary objective is to see that all computer platforms that are part of any LMHC/TWRS Mission Critical (Essential) Y2K Compliance Project, are Y2K-compliant or are covered by a contingency plan. The project's secondary objective is to minimize the work necessary to meet the first objective by eliminating duplicate work among other Y2K compliance projects.

This project covers 117 computer platforms that include stand-alone Unix workstations, NT file servers, dedicated desktops, laptops, and personal desktop PCs. Several of the PC-based platforms are also covered in the LMHC Network PC Y2K Compliance Project.

The project completed renovation by dispositioning the Y2K non-compliant computer platforms by one of the following methods:

- (1) A Y2K-Compliant replacement has been purchased and delivered;
- (2) A workaround was identified either in a Y2K Compliance Project Plan, Test Report, or administrative or operational procedure;
- (3) A Non-Critical PC currently in the LMHC/TWRS inventory and not assigned to specific end users has been reprioritized to make it available to a Mission Critical (Essential) system;
- (4) Deactivating without replacing.

The project will incorporate the method (2) workarounds through a contingency or project plan. The project chose to use the PHMC Y2K Project's contingency plan titled, "Contingency Plan for PHMC Desktop Personal Computers - Infrastructure," (HNF-3213, Revision 0, September 1, 1998) for its PC-based computer platforms that are not identified specifically by another Y2K Compliance Project's Contingency Plan. The project will revise or append the Y2K DFSP Project Plan as required to compliance with this approach.

Method (3) has been implemented on any platform as of 09/15/98 where the renovation disposition is "Replace". This is due to an expected delay in delivery of purchase orders A44205, A44206, A44207, A44208, A44209 and A44210, to meet renovation requirements for the LMHC-DACS, LMHC-SHMS, LMHC-GCS, and LMHC-GMS-2 Y2K Compliance Projects.

YEAR 2000 COMPLIANCE REPRESENTATION DOCUMENT

I, Stephen G. Spencer, [name] have reviewed the File Server Year 2000 Project and used Lockheed Martin Hanford Corporation's best efforts to make necessary modifications thereto or establish necessary operational guidelines for Year 2000 compliance, and I represent that this Year 2000 Project is "Year 2000 Compliant" (as defined below). Compliant means that the business operations supported by this Year 2000 Project will not abruptly end or provide invalid or incorrect results due to the Year 2000 changeover, before, on and after January 1, 2000, or that a contingency plan has been published to reduce the risk and potential impact of a Year 2000 failure on mission essential business operations.

"Year 2000 Compliant", as used herein, means that each hardware, software, firmware, product or system that constitutes a Year 2000 Project, accurately processes date/time data (including, but not limited to, calculating, comparing, and sequencing from, into, and between the twentieth and twenty-first centuries, and the years 1999 and 2000 and leap year calculations), and that other systems, infrastructure, or equipment items, used in combination with the identified Year 2000 Project, properly exchange date/time data with it. For purposes of defining a fully compliant Year 2000 Project, a failure to "operate accurately" exists if any one or more of the following properties or capabilities is lacking: (i) execution of calculations using dates; (ii) functionality (both on-line and batch) including, but not limited to, entry, inquiry, maintenance, and update, to support accurate date processing; (iii) interfaces that exchange date dependent data accurately; (iv) successful transition, without human intervention, into the year 2000 using the correct system date; (v) after transition to the year 2000, continued processing with a four-digit year, if necessary; (vi) correct calculation of leap year; and (vii) provision of correct results in forward and backward data calculation spanning century boundaries, including the conversion of previous years currently stored as two digits.

A published contingency plan is an acceptable substitute for full compliance as described above. If one or more components of the Year 2000 Project are not made compliant to suit the above definition, the contingency plan will describe those operations and functions that will be affected, and will provide new operating procedures to accommodate a continuation of operations and functions while the component remains non-compliant.

I hereby represent: (check those that apply)

XXX the Year 2000 Project listed is Year 2000 Compliant and will operate without impact to or interruption of business operation.

 a contingency plan has been published that will reduce the risk and potential impact of a Year 2000 failure on mission essential business operations due to a decision not to repair, or due to an inability to complete repair, for all or part of this Year 2000 Project.

Project Control Analyst 10/14/98
Name Title Date

DISTRIBUTION SHEET

To Distribution	From IRM Systems Engineering & Integration	Page 1 of 1			
Project Title/Work Order Tank Waste Remediation System Year 2000 Dedicated File Server Project HNF-3418 Project Plan		Date April 6, 1999			
		EDT No. 626750			
		ECN No. N/A			

Name	MSIN	Text With All Attach.	Text Only	Attach./ Appendix Only	EDT/ECN Only
Central Files	B1-07	X			
M. R. Adams	R2-12	X			
R. B. Bass	H7-06	X			
P. A. Craig	R1-04	X			
J. W. Fish	H8-41	X			
S. V. Forney	H8-41	X			
J. W. Hodge	H7-06	X			
J. B. Jech	S2-25	X			
J. F. Piccolo	H7-06	X			
S. G. Spencer	H7-06	X			
J. K. Wylie	H7-06	X			
Y2K Project File	H7-06	X			
RL Reading Room	H2-53	X			