



Department of Energy

Washington, DC 20585

QA: QA

MAR 27 2002

J. F. Pelletier
Bechtel SAIC Company, LLC
1180 Town Center Drive, M/S 423
Las Vegas, NV 89144

VERIFICATION OF CORRECTIVE ACTIONS AND CLOSURE OF DEFICIENCY REPORT (DR) BSC-02-D-037

The Office of Quality Assurance staff has evaluated the corrective actions of DR BSC-02-D-037 and determined the results to be satisfactory. As a result, the DR is considered closed.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or Samuel E. Archuleta at (702) 794-1476.

A handwritten signature in black ink that reads "Ram Murthy".

Ram Murthy, Acting Director
Office of Quality Assurance

OQA:JB-0865

Enclosure:
DR BSC-02-D-037



Printed with soy ink on recycled paper

NMS507
WMI-11

MAR 27 2002

cc w/encl:

N. K. Stablein, NRC, Rockville, MD
Robert Latta, NRC, Las Vegas, NV
S. W. Lynch, State of Nevada, Carson City, NV
Engelbrecht von Tiesenhausen, Clark County, Las Vegas, NV
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D. G. Horton, DOE/YMSCO, Las Vegas, NV
J. M. Replogle, DOE/YMSCO, Las Vegas, NV
B. M. Terrell, DOE/YMSCO, Las Vegas, NV
R. N. Wells, DOE/YMSCO (RW-60), Las Vegas, NV

**OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.**

DEFICIENCY REPORT
 CORRECTIVE ACTION REPORT
 NO. BSC-02-D-037
 PAGE 1 OF
 QA: QA

DEFICIENCY/CORRECTIVE ACTION REPORT

1. Controlling Document:
AP-SI.1Q Rev. 3, ICN 2, ECN 1
AP-17.1Q Rev. 2, ICN 1

2. Related Report No.:
N/A

3. Responsible Organization:
BSC

4. Discussed With:
Rochelle Rucinski, Ed Miller, Lyle Southworth, Steve Splawn, Sam Archuleta, Judy Gebhart

5. Requirement:

- 1) AP-SI.1Q, Rev. 3, ICN 2, ECN 1 (and previous versions of AP-SI.1Q since Rev 2 ICN 3), Section 6.0, requires that SCM submit the completed Software User Request forms to RPC.
- 2) AP-17.1Q, Rev. 2, ICN 1 (and previous versions of AP-17.1Q), Section 5.2.f, requires that it be done within 60 days.

6. Description of Condition:

This deficiency was found during a CIRS investigation. CIRS 1632 was generated because, during a self-assessment, several Software User Request forms associated with LBNL codes could not be found in the RIS. In an effort to resolve the CIRS item, the investigation that ensued found other instances of that infraction. The following deficiency was found:

Contrary to the above stated requirements, several Software User Request forms, completed more than 60 days ago, have not been submitted by Software Configuration Management to the Records Processing Center within the 60 day time limit.

7. Initiator:
Steve Splawn *SS* Date 12/13/01

9. Does a stop work condition exist? (Not required for a DR)
 Yes No
 If Yes, Check One: A B C D

10. Recommended Actions:
NONE

11. QA Review:
QAR *Sam Archuleta* Date 12-18-01

12. Response Due Date:
10 Working Days From Issuance

13. DOQA Issuance Approval:
Printed Name Robert D. Davis Signature *James Blaylock* Date 12/20/01

22. Corrective Actions Verified:
QAR *Sam Archuleta* Date 3-22-02

23. Closure Approved by:
DOQA *James Blaylock* Date 3/27/02

TYPE RESPONSE: <input checked="" type="checkbox"/> Initial <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Amended	OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT U.S. DEPARTMENT OF ENERGY WASHINGTON, D.C.	DR/CAR BSC-02-D-037 PAGE OF QA: QA
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DEFICIENCY/CORRECTIVE ACTION REPORT (RESPONSE)

14a. Immediate Actions:
 Arrangements have been made with senior management of the Records Processing Center to obtain a 'fast Track' accession number for software qualification records packages based on submission of associated Table of Contents. Then, User's Requests citing the assigned accession number will be submitted when received as supplemental records packages.

Compliance Date: 1/8/02

14. Remedial Actions:
 As described above, fast track the Tables of Contents (TOC) associated with all SCM software records, identified in the Extent of Condition. Submit User's Requests to RPC for linkage to existing records packages using assigned accession number.

15. Extent of Condition:
 An examination of SCM files, undertaken in response to this DR, identified 138 URs that have not been submitted to RPC within the 60 day time limit. 67 have been submitted to RPC to date. There are 71 that still require submission to RPC and are being processed.

16. Cause: (Attach results of root cause determination prepared in accordance with AP-16.4Q for a significant deficiency.)
 This condition was caused by unexpected delays in obtaining Accession Numbers to the Original Package. The UR is a supplemental record that has to be linked to the Original Package. There was not sufficient time due to the fact of the original package accession number was not posted in time for the supplemental record to be linked to the original package within 60 days per AP-17.1Q.

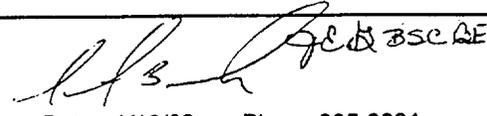
17. Action to Preclude Recurrence:

1. Fast track all Table of Contents (TOC) for URs.
2. Change SCM internal controls and tracking reports to include a report for management oversight to meet the 60 day individual records submittal requirement per AP-17.1Q

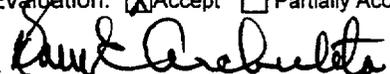
18. Due Date: 3/28/02

For submittal of complete response
 For completion of corrective action

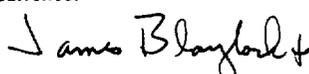
19. Response by:


 Stephen B. Splawn
 Date 1/10/02 Phone 295-3831

20. Evaluation: Accept Partially Accept Reject

QAR  Date 1-15-02

21. Concurrence:

DOQA  Date 2/1/02

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WASHINGTON, D.C.

8. DR/CAR
 Stop Work Order

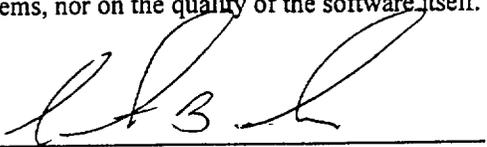
NO BSC-02-D-37

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QA: QA

DEFICIENCY/CORRECTIVE ACTION REPORT/STOP WORK ORDER CONTINUATION PAGE

The Initial/Complete response, dated 1/10/02 did not include the procedurally required statement regarding extent and impact of the deficiency. The required statement is provided below:

The extent of impact was limited to Users Requests that had not been updated in the Records Information System and were not able to supplement that records package in the allotted time. The impact of the deficiency was that software records were not viewable to requestors only for a short period of time. Only Software Configuration Management had access to the up-to-date records status. The nature of the deficiency had no impact on any other aspect of software qualification or software configuration items, nor on the quality of the software itself.



Stephen B. Splawn
Software Configuration Management Manager

3/21/02
Date

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RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.

8. DR/CAR
 Stop Work Order

NO BSC-02-D-037

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QA: QA

DEFICIENCY/CORRECTIVE ACTION REPORT/STOP WORK ORDER CONTINUATION PAGE

Verification of corrective action commitments for this Deficiency Report (DR) was conducted on March 19 and 20, 2002.

From a population of 251 Software User Request (SUR) Packages, a random sampling of 107 (approximately 43%) were reviewed in order to confirm that supplemental records had been submitted when required. (See Attachment 1). Also verified that when records were not submitted, that there was a legitimate reason (such as duplications, invalid copies, codes still in the "5.10" process, etc.) to support the non-submission. During this review, also verified that the information that was contained on the tracking sheet agrees with the information entered into the Software User Request Database. The remedial action commitment has, therefore, been satisfactorily implemented. No deficiencies were noted in the sample selected.

Verified, by interviews conducted with Software Configuration Management (SCM) personnel, that the process for receiving and tracking SURs provides a level of confidence that SURs are being properly tracked, that their status is accurate and made known to SCM Management, and that the supporting information is correctly entered into the SUR Database. The process steps are covered by a combination of Desktop Instructions and checklists which SCM personnel have at their disposal. Personnel contacted were very knowledgeable of the process, and expressed confidence in the process as well. No deficiencies noted.

Verified that arrangements have been made with senior management in the Records Processing Center to obtain accession numbers for software qualification packages on a "fast-track" basis, based on the submission of an associated Table of Contents. This results in the immediate issuance of an accession number. The accession number then will allow later submissions of other related documents to be linked together in the records system without encountering the delays that were previously experienced. This process will be maintained in place for ongoing use. This action satisfactorily addresses immediate actions, remedial actions, action to preclude recurrence, and the stated cause of this DR. No deficiencies noted.

Verified that internal controls are in place to manage the handling of SURs and all other software configuration items. Also verified that a new SUR Tracking Report has been established and is in place. This system provides visibility for the SCM Manager, and will provide for more proactive action in dealing with document submission in a positively controlled, timely manner. This adds additional substance to the actions to preclude recurrence of this kind of deficiency.

The Initial/Complete response dated 1/10/02 did not contain a statement regarding the assessment of the extent and impact of the deficiency, however the results of the assessment were provided on a continuation page dated 3/21/02 which is attached to the complete response. QAR concurs with the statement of extent and impact as stated.

Corrective actions to address this deficiency were vigorously pursued by SCM management and staff. The broad extent of condition ensured a thorough assessment of the condition, and provides confidence that records generated in SCM are accurate and are now being submitted in a timely, controlled manner. Actions to preclude recurrence are deemed to be effective and sufficient. Recommend this Deficiency Report be closed at this time.



Sam E. Archuleta
QA Representative

3-22-02
Date

	File Name	Version	Accession No.	Date To RPC	Date of request	Date of installation	Users	Located	CPUs	Test Signature?	RIS?	SCM? electronic	Comments	Actions	Status Accounting	Comments
1	A AMESH	V1.0	MOL.20000403.0368		1/21/00	9/17/99	Haukawa, Hinds		6378801, 6366785	typed - yes acceptable	yes	yes	copy is unsigned.			
	B		MOL.20010323.0220		5/17/00	11/14/00	Haukawa, Hinds, Spycher, Sonnenthal		6332537-UNIX (server)	yes	yes	yes				
2	A CART	V1.0	MOL.20010329.0523		5/17/00	11/13/00	Haukawa, Hinds, Gritto, Peterson		6332537-UNIX (server)	yes	yes	yes				
	B		MOL.20000403.0369		1/21/00	8/3/99	Peterson, Gritto		6313802	yes	yes	yes				
3	A DCPT	V1.0	MOL.20010510.0002		3/13/00	10/30/00	Lehua Pan		637820	yes	yes	yes	Two incompleted SURs- appear to be earlier versions of this one.			The two incomplete SURs are draft copies of the final on file within SCM.
	B		DRAFT		1/11/00		Pan, Liu		637820, 6287530, 6357806	no	no	no				SCM does not have a record of this submittal.
	C		DRAFT		3/13/00		Pan, Liu		637820, 6287530, 6357806	no	no	no				SDM does not have a record of this submittal.
			CANCELLED		6/21/00		Pan, Hinds		6357820, 6366785	no	no	yes				User Request was cancelled by submitting organization.
4	A DCPT	V2.0	not in RIS - IN PROCESS 5.11		5/17/01	5/30/01	Lehua Pan		637820	yes	no - n/a	yes		A copy needs to be sent to RIS		
5	A Earthvision	V4.0	MOL.20000403.0363		1/21/00	9/29/98	Hinds, Hedegaard, Traultz		6312331	typed - yes acceptable	yes	yes	There is a typo in the SCM database the date received date installed dates are switched.	SCM database needs to be corrected.		This was corrected in SCM database.
6	A Earthvision	V4.0.2 - V4.0	MOL.20020206.0263 - TOC	2/6/02	5/25/00	11/13/00	Hinds, Hedegaard		6312331	yes	no - yes	yes	SCM has this mistakenly listed as 4.0 rather than 4.02.	A copy needs to be sent to RIS and SCM. Also, SCM database needs to be corrected.		Original was corrected prior to submittal to RIS. SCM identified it correctly, it should have been identified as version 4.0.
7	A Earthvision	V5.0	MOL.20020109.0082	10/23/01	1/26/00	2/5/99	Hinds, Hedegaard, Traultz		6312331	yes	no - yes	no - yes		Send to RIS and SCM.		Request was cancelled.
8	A Earthvision	V5.1	MOL.20010606.0312		9/11/00	11/13/00	Hinds, Hedegaard		6312331	yes	yes	no - yes		Send to SCM.		This code was not input into the SCM at the time it was processed. It was added to the database as of 02/12/2002.
9	A ESF4-XYZ	V.03	MOL.20000407.0583		1/14/99	1/14/99	Nieder-Westermann, Hinds		112535 6366785	yes	yes	yes	SCM's database is missing install date.	Correct SCM database.		SCM database cannot be updated with installation date, because one does not exist. A fax cover sheet was identified indicating that information was not a requirement at that time.
	B		MOL.20020211.0103 - TOC	2/8/02	8/7/01	8/24/01	Kim, Wang, Hinds - Kim was removed from user request		6366754, 6444131	? - yes	no - yes	yes	This one is in the SCM database but not in the RIS.	If valid, a copy needs to be sent to RIS. If not, then remove from SCM database.		The date of 1/14/99 cannot be confirmed because UR's were not required at that time. No documentation can be found to support this UR.
	C		MOL.19990802.0022		5/14/99	5/21/99	Hinds		6366785	? - n/a - acceptable at time	no - yes	yes	This one is in the SCM database but not in the RIS.	If valid, a copy needs to be sent to RIS. If not, then remove from SCM database.		
	D		MOL.20000407.0578		missing - 01/14/99	missing - 01/14/99	Nieder-Westermann		112535	?	no - yes	yes	This one is in the SCM database but not in the RIS.	If valid, a copy needs to be sent to RIS. If not, then remove from SCM database.		SCM database was updated.
10	A EQ3/6	V7.2b	MOL.20000519.0148		1/31/00	2/3/00	Spycher, Apps		6362008, 6330359	yes	yes	yes	Date obliterated.	Correct hardcopy and resubmit to RIS. SCM can't assume the date for correction to write over.		
	B		MOL.20000925.0036		2/11/00	6/28/00	Apps		6330359	yes	yes	no - yes		Send to SCM.		This User Request duplicates information obtained and documented on 02/02/2000. Unable to locate any documentation indicating that there was a problem with the first installation, but to alleviate any confusion this UR has been added to the SCM database.
	C		MOL.20000925.0039		6/30/00	8/31/00	Sonnenthal		6332537	yes	yes	yes				
	D		MOL.20000925.0040		7/25/00	8/31/00	Apps, Sonnenthal, Spycher		6332537	yes	yes	yes				
	E		MOL.20020206.0262 - TOC	2/6/02	7/26/01	7/26/01	Lu		6332537	yes	no - yes	yes		Send to RIS.		

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red indicates Library entry
blue indicates Status Acctng entry

Attachment 1
BSC-02-D-037
10 Pages

	File Name	Version	Accession No.	Date To RPC	Date of request	Date of installation	Users	Located	CPUs	Test Signature?	RIS?	SCM? electronic	Comments	Actions	Status Accounting	Comments
	F		MOL.20020206.0262 - TOC	2/6/02	2/11/00	5/10/00	Apps		6330359	yes	no - yes	yes	SCM has the wrong dates.	Send to RIS.		Input correct dates
	G		not in RIS		2/11/00	incomplete	Spycher, Apps, Sonnenthal, Xu	no - deemed invalid - SAME AS ABOVE	6362008, 6330359, 6325737, 6330632	not signed - n/a	no - n/a	no - N/A	Not signed.	If valid, get signature and send to RIS and SCM.		Based on the User Request submitted on 02/16/2000 and installed on 5/10/2000. The UR from 5/10/2000 was the same as this UR, but it had corrections made to it removing Spycher, Sonnenthal, and Xu as well as system number 6362008, 6325737, and 6330632. These corrections were made by R. Hedegaard.
11	A	EQ3/6	V7.2b and 7.2bIV		2/11/00	incomplete	Spycher, Apps, Sonnenthal, Xu	no - deemed invalid	6362008, 6330359, 6325737, 6330632	not signed - n/a	no - n/a	no - N/A	Not signed.	If valid, get signature and send to RIS and SCM.		Based on the User Request submitted on 02/16/2000 and installed on 5/10/2000. The UR from 5/10/2000 was the same as this UR, but it had corrections made to it removing Spycher, Sonnenthal, and Xu as well as system number 6362008, 6325737, and 6330632. These corrections were made by R. Hedegaard.
12	A	EXT	V1.0		1/21/00	8/1/99	Zhang, Haukawa, Hinds, Sonnenthal, Wu, Ahlers, Mukhopadhyay, Trautz, Finsterly		6332537	typed - yes acceptable	yes	yes	SCM has the dates switched, though.	Correct SCM database		Updated SCM Database
	B				5/17/00	8/8/00	Zhang, Haukawa, Hinds, Sonnenthal, Wu, Ahlers, Mukhopadhyay		6332537	yes	yes	yes	SCM also lists Finsterly and Trautz, both of whom were not on the actual request.	Correct SCM database		Updated SCM Database
	C			3/5/02	5/3/01	5/7/01	Houseworth		6332537	yes	no - yes	no - yes	SCM has one for Houseworth, but it was dated 9/15/99.	A copy needs to be sent to RIS. Determine discrepancy and fix one of the versions.		Updated is SCM database
	D				5/4/00		Zhang, Haukawa, Hinds, Sonnenthal, Wu, Ahlers, Mukhopadhyay		6332537	no	no	no				SCM does not have a record of this request having been submitted.
13	A	EXT	V1.1		1/21/00	9/15/99	Zhang, Haukawa, Hinds, Sonnenthal, Wu, Ahlers, Mukhopadhyay		6332537	typed - yes acceptable	yes	yes				
	B			2/7/02	5/17/00	8/8/00	Zhang, Haukawa, Hinds, Sonnenthal, Wu, Ahlers, Mukhopadhyay		6332538	yes	no - yes	no - yes		A copy needs to be sent to RIS and SCM		Updated is SCM database
	C				5/5/00	incomplete	Zhang, Haukawa, Hinds, Sonnenthal, Wu, Ahlers, Mukhopadhyay		6332537	no	no - n/a	no				SCM does not have a record of this request having been submitted.
14	A	EXT	V1.0_MEOS9		3/20/01	3/20/01	Ahlers, Haukawa, Zellmer		6332537	yes	yes	no - yes		Send to SCM.		Updated in SCM database
	B				5/4/00	8/8/00	Zhang, Wu, Mukhopadhyay		6332537	yes	yes	yes				
	C				3/9/00	1/14/00	Zhang, Mukhopadhyay, Wu		6332537	yes	no - n/a	yes				Updated in SCM database
15	A	FLAC3D	V2.0		5/17/01	5/29/01	Rutqvist		6438840	yes	no - n/a	yes		A copy needs to be sent to RIS.		

36 red indicates Library entry
blue indicates Status Actng entry

	File Name	Version	Accession No.	Date To RPC	Date of request	Date of installation	Users	Located	CPUs	Test Signature?	RIS?	SCM? electronic	Comments	Actions	Status Accounting Comments	
16	A	FOCUS3D	V4.1			1/21/00	8/10/99	Daley	no - deemed invalid	6313802	typed	no - n/a	no - n/a	Not filled out completely. Another request dated 7/27/00 that has not been filled out completely. SCM SUR database has no listing for this code.	Send to RIS and SCM.	This request was cancelled prior to installation by the requesting organization.
17	A	FRACL	V1.0			3/2/00	11/5/99	Moridis, Hu	6353525, 6332537	yes	yes	yes				
	B			2/8/02	3/2/00	11/17/00	Moridis, Hu		6353525, 6332537	yes	no - yes	no - yes		Send to RIS and SCM.	Added to SCM Database	
18	A	GRAV	V1.0			5/17/00	8/14/00	Williams	6332537	yes	no - yes	yes	SCM is missing dates.	A copy needs to be sent to RIS. Also, need to correct SCM database.	Updated SCM Database	
	B				1/21/00	8/1/99	Williams		6332537, 6313802	typed - yes acceptable	yes	yes	SCM has the wrong dates.	A copy needs to be sent to RIS. Also, need to correct SCM database.	Updated SCM Database	
	A	GSLIB	V1.0MGAMv2 V1.201			1/21/00	9/16/99	Finsterly, Trautz, Cushey, Li, Tsang	6332537	typed - yes acceptable	yes	yes	SCM has the wrong dates.	A copy needs to be sent to RIS. Also, need to correct SCM database.	Updated SCM	
	B			2/8/02	5/17/00	9/19/00	Finsterly, Trautz		6332537	yes	no - yes	yes		A copy needs to be sent to RIS.		
	C					incomplete	incomplete		no - deemed invalid	6332537	no - n/a	no - n/a	no - n/a	A copy needs to be sent to RIS and SCM	Not a valid request. SCM has no record.	
20	A	GSLIB	V1.0GAMV3V 1.201			11/27/00	12/11/00	Finsterly, Ahlers	6332537	yes	no - yes	yes		A copy needs to be sent to RIS.		
21	A	GSLIB	V1.0SISIMV1. 204			11/27/00	12/11/00	Finsterly, Ahlers, Haukawa, Sonnenthal	6332537	yes	yes	yes				
	B			12/14/01	07/26/2001 - 08/03/01	7/26/01	Zhou	Box 11 complete	6332537	yes	no - yes	yes	incomplete - nothing in block 11	A copy needs to be sent to RIS.		
22	A	GSLIB	V1.0MLUSIMV 1.201			5/17/00	7/17/2000 - Incorrect	Ahlers	no - deemed invalid	6368406	no - n/a	no - n/a	no - n/a	A copy needs to be sent to RIS and SCM	SCM does not have a completed copy of this user request. In reviewing the records for the retirement package, this code was identified as not having been used to support any quality affecting work	
	B				1/21/00	9/16/99	Cushey, Li		6362015, 6332537	yes	yes	yes			Added date received and date installed to SCM database.	
23	A	GSLIB	V2.0MLUSIMV 2.0			1/21/00	9/16/99	Cushey, Li	6362015, 6332537	typed - yes acceptable	yes	no - yes			SCM does not have a record of this user request being submitted. Note this code was retired identifying that it was not used to support any QA activities.	
	B				5/17/00	incomplete	Hedegaard	no - deemed invalid	6368390	no - n/a	no - n/a	no - n/a		A copy needs to be sent to RIS and SCM	SCM does not have a completed copy of this user request. In reviewing the records for the retirement package, this code was identified as not having been used to support any quality affecting work	
24	A	GSLIB	V1.0MSISIMV 1.203			1/21/00	9/16/99	Cushey, Li, Tsang	6362015, 6332537	typed - yes acceptable	yes	yes				
	B			2/6/02	5/17/00	9/19/00	Finsterly, Ahlers		6332537, 6368406	yes	no - yes	yes		A copy needs to be sent to RIS.		
	C			2/6/02	4/2/01	3/20/01	Wu		6332537	no - yes	no - yes	yes	In SCM database only.	Figure out where SCM got the information from.	This was to add an additional user to this system. The dates identified are correct.	
25	A	GSLIB	V2.0MSISIMV 2.0			1/21/00	9/16/99	Cushey, Li	6362015, 6332537	typed - yes acceptable	yes	yes				
	B								6332537	yes	no - yes	yes				
26	A	Infil2grid	V1.6			3/15/00	7/10/00	Salve, Li	6332537	yes	no - yes	yes		Send to RIS.		
						7/31/00	8/7/00	Sonnenthal, Ahlers, Wu, Haukawa, Sphycher, Xu	6332537	yes	yes	yes	SCM also lists Guerin, but she is not on the actual request.	Correct SCM database	Removed from SCM database, after verification.	
	B			3/5/02	9/11/00	3/20/01	Liu		6332537	yes	no - yes	yes	Additional user only	Send to RIS.		

red indicates Library entry
blue indicates Status Acctng entry

	File Name	Version	Accession No.	Date To RPC	Date of request	Date of Installation	Users	Located	CPUs	Test Signature?	IRIS?	SCM? electronic	Comments	Actions	Status Accounting	Comments
	C		not in RIS		3/13/00	incomplete	Sonnenenthal, Ahlers, Wu, Haukawa	no - deemed invalid	6313864, 6368406, 6335149, 6378801	no - n/a	no - n/a	no - n/a		Send to RIS and SCM.		There is no record of this user request within SCM.
	D		not in RIS		5/8/00	incomplete	Sonnenenthal, Ahlers, Wu, Haukawa, Sphycher, Xu, Guerin	no - deemed invalid	6313864	no - n/a	no - n/a	no - n/a		Send to RIS and SCM.		There is no record of this user request within SCM.
27	A	ITOUGH2	V3.2	MOL.20010418.0322	7/27/00	2/20/01	Finsterly, Ahlers		6332537	yes	yes	yes				
	B			MOL.20020213.0232	12/14/01	3/20/01	Liu		6332537	yes	no - yes	yes	Incomplete - missing information in block 11. SCM is also missing install date.	Fill in block 11. Correct SCM database. Send to RIS.		The lbnl copy of this UR is incomplete, however, SCM maintains a copy that has all signatures in place and is complete. SCM database is correct based on the completed user request on file.
28	A	ITOUGH2	V3.2_drift	not in RIS - MOL.20020307.0285 - TOC	3/5/02	7/27/01	9/21/00	Tsang, Li, Mukhopadhyay	6332537	yes	no - yes	no - yes		Send to RIS and SCM.		This should have been identified as ITOUGH2 V3.2_drift, instead of ITOUGH2 V3.2. Updated spreadsheet.
28	B	ITOUGH2	V3.2_drift	MOL.20000403.0372		1/21/00	9/15/99	Tsang, Li, Mukhopadhyay	6365665, 6332537	typed - yes acceptable	yes	yes	SCM has wrong dates.	Correct SCM database		Dates identified are correct.
	A	ITOUGH2	V4.0	MOL.20010803.0277	05/31/2001 - 05/03/01	5/3/01	Houseworth, Zhou		6332537	yes	yes	yes				
	B			MOL.20000403.0365		1/21/00	9/16/99	Finsterly, Freifeld, Ahlers	6335873, 6332537	typed - yes acceptable	yes	yes				
	C			MOL.20000403.0389		1/28/00	9/16/99	Finsterly, Freifeld, Ahlers	6335873, 6332537, 6392869	typed - yes acceptable	yes	no - yes		Send to SCM.		This has been added to the SCM database.
	D			MOL.20020213.0229	12/14/01	9/11/00	3/20/01	Liu	6332537	yes	no - yes	yes	Additional user only.	Send copy to RIS.		
	E			MOL.20020213.0230	12/14/01	7/26/01	7/26/01	Zhu	6332537	yes	no - yes	yes	Additional user only.	Send copy to RIS.		
	F			MOL.20020207.0304 - TOC	2/7/02	7/27/00	10/25/00	Finsterly, Freifeld, Ahlers	6335873, 6332537, 6392869	yes	no - yes	yes		Send copy to RIS.		
	G			MOL.20020207.0304 - TOC	2/7/02	9/11/00	10/21/00	Weekley	6332537	yes	no - yes	yes		Send copy to RIS.		
30	A	ITOUGH2	V4.4	not in RIS - IN PROCESS 5.11		5/17/01	5/30/01	Houseworth	6332537	yes	no - n/a	yes		Send copy to RIS.		
31	A	SUPCRT92	V1.0	MOL.20000403.0376		1/21/00	8/27/99	Apps, Spycher	6324051, 6332537, 6362008, 6330358	typed - yes acceptable	yes	yes	SCM has dates switched.	Correct SCM database		Updated SCM Database
	B			MOL.20010924.0220 - MOL.20011108.0068		1/29/01	2/12/01	Apps	MOL.20010924.0220 BELONGS TO EMAIL NOT OFFICIAL SUR	6343806	yes	yes	yes	Two SURs are in the same records package, which is why they have the same accession number.		
	C			MOL.20010924.0220 - MOL.20011108.0066		7/27/00	11/14/00	Apps, Spycher	MOL.20010924.0220 BELONGS TO EMAIL NOT OFFICIAL SUR	6324051, 6362008	yes	yes	no - yes	Two SURs are in the same records package, which is why they have the same accession number.	Send to SCM.	Added to SCM Database
	D			MOL.20011108.0069	7/6/01	8/16/01	8/16/01	Salah	6446586	yes	no - yes	yes		Send to RIS.		
32	A	SOLVEQ/CHILLER	V1.0	MOL.20000403.0382		1/21/00	8/29/99	Spycher	6362008, 6332537	typed - yes acceptable	yes	yes				
	B			MOL.20020206.0261 TOC	2/6/02	7/27/00	11/15/00	Spycher	6362008, 6332537	yes	no - yes	yes		Send to RIS.		
33	A	THEMM	V1.0	MOL.20000403.0380		1/21/00	9/27/99	Tsang, Freifeld	6332537	typed - yes acceptable	yes	no - yes		Send to SCM.		Added to SCM Database
	B			MOL.20020213.0244	11/28/01	6/4/01	6/4/01	Tsang, Li	6332537	yes	no - yes	yes		Send to RIS.		
	C			MOL.20020213.0243	11/28/01	6/21/00	5/11/01	Tsang	6332537	yes	no - yes	yes		Send to RIS.		
34	A	T2R3D	V1.4	MOL.20000403.0378		1/21/00	9/29/99	Wu, Haukwa	6335989, 6332537	typed - yes acceptable	yes	no - yes		If valid, send to SCM.		Added to SCM Database
	B			MOL.20020213.0217	12/14/01	12/14/00	3/16/01	Liu, Zhang	6332537	yes	no - yes	no - yes		Send to SCM and RIS.		Added to SCM Database

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	File Name	Version	Accession No.	Date To RPC	Date of request	Date of installation	Users	Located	CPUs	Test Signature?	RIS?	SCM? electronic	Comments	Actions	Status Accounting	Comments
C			MOL.20020213.0218	12/14/01	7/26/01	7/26/01	Zhou, Zhu		6332537, 6392852	yes	no - yes	no -yes	The CPU 6392852 has a typo on the hard copy (has an extra zero at the end)	Fix hard copy and send to RIS and SCM. RIS image correct.		Added to SCM Database
D			MOL.20020211.0104	2/8/02	7/27/00	2/20/01	Wu, Haukwa, Ahlers, Liu		6392852, 6332537	yes	no - yes	no -yes		Send to SCM and RIS.		Added to SCM Database
35	A T2R3D2	V1.4						SAME AS ABOVE					This code title may be a typo (listed incorrectly on an SUR for T2R3D).	Delete from SCM database.		Deleted from SCM Database
36	A TOUGH2	V1.11MEOS 2.3.4.5	MOL.20020213.0211	12/17/01	7/27/00	6/18/01	Pruess, Oldenburg, Moridis, Haukwa		6332537	yes	no - yes	yes	SCM has extra CPUs listed that were not on the actual request.	Correct SCM database and send to RIS.		Removed from SCM database, after verification.
B			MOL.20000403.0390		2/30/00	9/30/99	Pruess, Oldenburg, Moridis, Haukwa		6269840, 6332537, 6353525, 6177725, 6287097, 6286656	typed - yes acceptable	yes	no -yes		If valid, send to SCM.		Added to SCM Database
37	A TOUGH2	V1.11MEOS7 RV0.3R	MOL.20000403.0377		1/21/00	8/29/99	Pruess, Oldenburg, Finsterle		6269840, 6332537, 6335873, 6177725	yes	yes	no -yes		Send to SCM		Added to SCM Database
B			MOL.20020213.0207	12/19/01	7/27/00	6/1/01	Oldenburg		6177725, RS6000	yes	no - yes	yes	SCM is missing CPU RS6000.	Correct SCM database. Send to RIS.		Added to SCM Database
38	A TOUGH2	V1.11MEOS7 VO.12	MOL.20020213.0391	12/19/01	7/27/00	5/11/01	Oldenburg, Pruess		6332537	yes	no - yes	yes		Send to RIS.		
39	A TOUGH2	V1.11MEOS9 NTV1.0	MOL.20011120.0672 & MOL.20011120.0674	10/3/01	5/3/01	6/1/01	Houseworth, Liu		6332537, 6433067	yes	no - yes	yes	SCM missing CPU 6433067	Correct SCM database. Send to RIS.		Added to SCM Database
B			MOL.20011120.0670	10/3/01	5/22/00	12/21/00	Moridis, Hu		6409482, 6353525	yes	no - yes	yes		Send to RIS.		
C			MOL.20011120.0703		1/11/00	1/11/00	Moridis, Hu		6353525, 6332537, 6283235	yes	yes	yes				
40	A TOUGH2	V1.3	MOL.20020114.0383	12/13/01	7/27/00	2/20/01	Wu, Haukwa, Ahlers, Liu		6392857, 6332537	yes	no - yes	yes	SCM lists extra person who was not on the actual request (Spycher).	Correct SCM database. Send to RIS.		Removed from SCM database, after verification.
41	A TOUGH2	V1.3MEOS4V 1.0	MOL.20020213.0227	12/17/01	7/27/00	5/10/01	Mukhopadyay		6332537	yes	no - yes	yes		Send to RIS.		
42	A TOUGH2	V1.4	MOL.20000403.0397		1/21/00	1/14/00	Wu, Haukwa, Ahlers, Liu		6335989, 6332537	typed - yes acceptable	yes	yes	SCM lists extra CPU (6392869) that is not on the request.	Correct SCM database.		
B			MOL.20000403.0381		1/21/00	1/14/00	Wu, Haukwa		6335989, 6332537	typed - yes acceptable	yes	no -yes		If valid, send to SCM.		Updated SCM Database
C			MOL.20020206.0267 - TOC	2/6/02	12/14/00	12/14/00	Dobson, Unger, Sonnenthal, Spycher, Weekley		6332537	yes	no - yes	yes		Send to RIS.		
D			MOL.20020213.0213	12/14/01	12/14/00	3/16/01	Liu, Zhang		6332537	yes	no - yes	yes	SCM missing install date	Correct SCM database. Send to RIS.		Install date was input.
E			MOL.20020213.0214	12/14/01	5/14/01	5/14/01	Zhou, Mukhopadyay		6332537, 6392852	yes	no - yes	yes		Send to RIS.		
F			MOL.20020213.0215	12/14/01	7/26/01	7/26/01	Zhou, Zhu		6332537	yes	no - yes	yes		Send to RIS.		
G			MOL.20020207.0305 - TOC	2/7/02	7/27/00	11/17/00	Wu, Haukwa, Ahlers, Liu		6392852, 6332537	yes	no - yes	no -yes		Send to RIS and SCM.		Added to SCM Database
43	A TOUGH2	V1.5	not in RIS - IN PROCESS 5.11		incomplete - 05/18/01	5/30/01	Wu, Ahlers		6392852, 6335989	yes	no - n/a	yes	SCM has wrong CPUs.	Correct SCM database. Send to RIS.		This is not the record copy, was submitted for the 5.10 process.
B			not in RIS - IN PROCESS 5.11		5/31/01	6/14/01	Rutqvist		6438840	yes	no - n/a	yes		Send to RIS.		
44	A TOUGHREACT	V1.0	MOL.20000403.0399		1/21/00	9/29/99	Spycher, Sonnenthal, Xu, Li		6313864, 6332537	typed - yes acceptable	yes	yes	SCM is missing user (Li) and has wrong install date.	Correct SCM database.		Li was identified on the record copy within SCM, as well as the correct installation date.

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	File Name.	Version	Accession No.	Date To RPC	Date of request	Date of installation	Users	Located	CPUs	Test Signature?	RIS?	SCM? electronic	Comments	Actions	Status Accounting Comments
	B		MOL.20020117.0300	12/17/01	7/27/00	5/10/01	Sonnenthal, Spycher		6332537	yes	no - yes	no -yes		Send to RIS.	Added to Database
45	A	TOUGHREACT V2.1	MOL.20020212.0238	12/7/01	7/27/00	2/20/01	Wu, Ahlers, Liu		6392852, 6332537	yes	no - yes	yes		Send to RIS.	
	B		MOL.20000403.0383		1/21/00	9/29/99	Wu, Ahlers, Liu		6392852, 6332537, 6392869	typed - yes acceptable	yes	no -yes		If valid, send to SCM.	Added to Database
	C		MOL.20020212.0237	12/7/01	7/27/00	2/20/01	Sonnenthal, Spycher, Xu		6332537	yes	no - yes	no -yes		Send to RIS and SCM.	Added to Database
46	A	TOUGHREACT V2.2	MOL.20010418.0327		1/21/00	1/24/00	Sonnenthal, Spycher, Xu, Liu		6332537	yes	yes	no -yes		Send to SCM.	Added to Database
	B		MOL.20010418.0328		5/4/00	10/25/00	Sonnenthal, Spycher, Xu, Liu		6332537	yes	yes	yes			
	C		MOL.20010418.0329		11/29/00	11/29/00	Dobson		6332537	yes	yes	yes			
	D		MOL.20020213.0220	12/14/01	7/26/01	7/26/01	Zhu, Lu		6332537	yes	no - yes	yes		Send to RIS.	
47	A	TOUGHREACT V2.3	not in RIS - CANCELLED		11/29/00	11/29/00	Dobson	no - deemed invalid	6332537	yes	no - n/a	no -n/a		Send to RIS.	
	B		MOL.20020123.0018	11/5/01	10/1/00	6/15/01	Sonnenthal, Spycher, Dobson, Xu		6332537, 6409291	yes	no - yes	no -yes		Send to RIS.	This request was identified as invalid. The software for the platform requested was not supplied. The user request submitted on 6/6/2001 replaces the previous request.
48	A	TOUGHREACT V2.4	MOL.20020213.0205	1/2/02	9/28/01	10/4/01	Sonnenthal, Spycher, Dobson, Xu, Lu		6332537, 6409291, 6433067	yes	no - yes	yes		Send to RIS.	Code has been retired from the active baseline, this copy is maintained in an unseen field within the SCM Database and a copy of the User Request is maintained within the SCM files.
49	A	TOUGHREACTE9 V1.0	not in RIS		9/13/00	5/10/01	Sonnenthal, Spycher	no - deemed invalid	6332537	? -n/a	no - n/a	yes		Find actual form in SCM. If signed, send to RIS.	SCM has no record of this user request, with these dates.
	B		not in RIS - IN PROCESS 5.11		1/11/00	incomplete - 01/11/00	Sonnenthal, Spycher, Xu, Lu		6332537	no - yes	no - n/a	yes	Incomplete. Also, SCM has install date of 3/16/00- can't figure out where that came from.	Resolve inconsistencies. If valid, sign and submit to RIS.	The comments identified combines dates from 2 different user requests and has been resolved by the addition of the following entry.
	C		MOL.20000519.0156		3/13/00	3/16/00	Sonnenthal, Spycher, Xu, Lu		6332537	yes	yes	yes			
	D		not in RIS		5/5/00	incomplete	Sonnenthal, Spycher, Xu, Lu	no - deemed invalid	6332537	no - n/a	no - n/a	no	Incomplete.	If valid, sign and submit to RIS.	SCM does not have any record of a user request with the date identified.
	E		MOL.20020211.0200	2/7/02	3/13/00	12/11/00	Sonnenthal, Spycher, Xu, Lu		6332537	yes	no - yes	no -yes		Send to RIS and SCM.	Added to SCM Database
50	A	WINGRIDDER V1.0	MOL.20000403.0366		1/21/00	10/15/99	Pan, Wu, Haukwa, Hinds		6357820, 6335149, 6378801, 6366785	typed - yes acceptable	yes	yes			
	B		MOL.20020211.0205	2/8/02	4/11/00	8/30/00	Pan, Wu, Haukwa, Hinds		6357820, 6335149, 6378801, 6366785	yes	no - yes	no -yes		Send to RIS and SCM.	Added to SCM Database
	C		MOL.20020211.0206	2/8/02	8/1/00	8/30/00	Hedegaard, Weekley		6368390, 6416091	yes	no - yes	yes		Send to RIS.	
51	A	WINGRIDDER V1.1	MOL.20010718.0057		3/28/01	6/5/01	Pan		6357820	yes	yes	yes			
52	A	WINGRIDDER V2.0	not in RIS - IN PROCESS 5.11		5/17/01	5/30/01	Pan		6357820	yes	no - n/a	yes		Send to RIS.	
53	A	2kgrid8.for V1.0	not in RIS - IN PROCESS 5.11		5/9/01	5/31/01	Wu		6368420	yes	no - n/a	yes		Send to RIS.	
54	A	2kgridv1.f V1.0	MOL.20010621.0379		3/14/00	3/20/01	Mukhopadyay		6332537	yes	yes	yes			
55	A	2kgridv1a.for V1.0	MOL.20010418.0162		11/27/00	1/25/01	Spycher		6362008	yes	yes	yes			
56	A	actual flow-true conversions N3R 9.24.98.vi V1.0	MOL.20010703.0238		9/22/00	4/23/01	Cook		6436143	yes	yes	yes			
57	A	ADD_REP_V0.F V1.0	MOL.20000523.0124		3/10/00	3/23/00	Haukwa		6332537	yes	yes	yes			
	B		MOL.20020212.0224	12/17/01	? - 03/10/00	5/17/01	Haukwa		6392852	? - yes	no - yes	yes		If valid, find hard coy and send to RIS.	
58	A	AddBorehole V1.0	MOL.20011120.0687	10/3/01	10/17/00	4/25/01	Finsterle		6332537	yes	no - yes	yes		Send to RIS.	
59	A	AddBound V1.0	MOL.20010806.0118		5/3/01	5/7/01	Houseworth		6332537	yes	yes	yes			
	B		MOL.20010625.0625 - MOL.20010625.0278		10/17/00	4/5/01	Ahlers, Finsterle		6332537	yes	yes	yes			
60	A	AddCoord V1.0	MOL.20010615.0015		10/17/00	3/20/01	Ahlers, Finsterle		6332537	yes	yes	yes			

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	File Name	Version	Accession No.	Date To RPC	Date of request	Date of installation	Users	Located	CPUs	Test Signature?	RIS?	SCM? electronic	Comments	Actions	Status Accounting Comments
61	A AddLithophysae	V1.0	MOL.20011120.0693	10/3/01	10/17/01	4/26/01	Finsterle		6332537	yes	no - yes	yes		Send to RIS.	
62	A Air K conversions 10-30-97.vi	V1.0	MOL.20010629.0230		9/22/00	4/23/01	Cook		6436143	yes	yes	yes			
63	A Assign.f	V1.0	MOL.20010418.0166		9/22/00	1/25/01	Spycher		6332537	yes	yes	yes			
64	A AssignRock	V1.0	MOL.20010905.0067		3/28/01	4/26/01	Ahlers		6332537	yes	yes	yes			
65	A Avgperm.f	V1.0	MOL.20010418.0164		11/27/00	1/25/01	Sonnenenthal, Spycher		6332537, 6409291	yes	yes	yes			
66	A BOT_SUM.F	V1.0	MOL.20010806.0120		9/22/00	3/29/01	Wu		6332537	yes	yes	yes			SCM copy indicates installation on Sun Solaris, copy submitted by organization has pen and ink changes indicating a dec alpha platform dated 5/11/01.
67	A CalBT.for	V1.0	not in RIS - IN PROCESS 5.11		5/17/01	5/30/01	Pan		6357820	yes	no - n/a	yes		Send to RIS.	
	B		MOL.20020213.0203	1/3/02	? - 09/18/01	10/3/01	Pan		6357820	yes	no - yes	yes		Send to RIS.	
68	A CutDrift	V1.0	MOL.20010814.0093		5/3/01	5/7/01	Houseworth		6332537	yes	yes	yes		Send to RIS.	
	B		MOL.20011206.0453		10/17/00	4/26/01	Ahlers, Finsterle		6332537	yes	no - yes	yes		Send to RIS.	
69	A CutNiche	V1.2	MOL.20010622.0208		10/17/00	3/20/01	Ahlers, Finsterle		6332537	yes	yes	yes			
70	A CutNiche	V1.3	MOL.20011120.0711	10/3/01	4/13/01	5/15/01	Ahlers, Finsterle		6332537	yes	no - yes	yes		Send to RIS.	
71	A DAQ.vi	V1.0	MOL.20010918.0052		10/17/00	4/11/01	Cook, Trautz, Salve, Tsang, Flexer, Czarnonski		6378795, 6386271, 6382822, 6416602	yes	yes	yes			
72	A Delb.dat	V1.0	not in RIS - IN PROCESS 5.11		5/17/01	5/29/01	Rutqvist		6438840	yes	no - n/a	yes		Send to RIS.	
73	A Dk2ecm_mat_v0.f	V1.0	MOL.20000523.0130		3/10/00	3/23/00	Haukwa		6332537	yes	yes	yes	LBNL has same request marked up with different install date/installer and marked with corrections- WHY?	Investigate issue described in "comment" box.	SCM did not receive this updated User Request.
74	A E9-3IN.f	V1.0	MOL.20000519.0155		3/10/00	3/16/00	Ahlers, Wu, Liu	RECORDS LINKING WRONG	6332537	yes	yes	? - n/a			This is the same as the next request.
	B		MOL.20010927.0092		3/10/01	5/17/01	Ahlers, Wu, Liu	RECORDS LINKING WRONG	6392852	yes	no - yes	no - yes	Same as above MOL.20000519.0155, but with an error corrected- should this have replaced that record rather than just supplement it?	Investigate issue described in "comment" box.	Made correction to SCM
	C	E9-3IN	v1.0	MOL.20010824.0190	3/10/00	3/16/00	Ahlers, Wu, Liu	RECORDS LINKING WRONG	6332537	yes	yes	yes		Find out is there is there a difference between E9-3IN.f and E9-3IN?	e9-3in.f and e9-3in are the same code.
	D		MOL.20010927.0092	3/10/00	5/17/01	Ahlers, Wu, Liu	RECORDS LINKING WRONG	6332537, 6392852	yes	yes	yes	SCM has extra CPUs that aren't on the actual request.	Correct SCM database.	Corrected CPU listing.	
75	A ECRB-XYZ	V.03	MOL.20011030.0256		7/26/01	8/24/01	Wang, Hinds		6366754, 6446555	yes	no - yes	yes	SCM has an extra user (Kim) that isn't on the actual request.	Correct SCM database. Send to RIS.	Removed extra user.
76	A Exclude.f	V1.0	MOL.20010417.0389		9/22/00	1/25/01	Spycher		6332537	yes	yes	yes			
77	A Flipk	V1.0	MOL.20010426.0278		7/27/00	1/25/01	Spycher		6332537	yes	yes	yes			
	B		MOL.20020213.0236	12/14/01	8/3/01	7/26/01	Lu		6332537	? - yes	no - yes	yes		If valid, find hardcopy and send to RIS.	
78	A Gen-incon-v0.f	V1.0	MOL.20000523.0118		3/10/00	3/23/00	Haukwa		6332537	yes	yes	yes			
	B		not in RIS		3/10/00	3/21/01	Haukwa	no - will be corrected at DR-99 resolution	6392852	yes	no - n/a	no - n/a	This SUR is the same as the above, except with different install date and with corrections. Why?	Investigate issue described in "comment" box.	This was initially identified as qualified on a Sun Solaris platform. However, during Dr-99 it was identified as a code developed for Dec Alpha. The second user request was then created, but SCM does not have a record of having received it.
79	A Get_a_layer_v0.f	V1.0	MOL.20000523.0120		3/10/00	3/23/00	Haukwa		6332537	yes	yes	yes			
	B		not in RIS		3/10/00	3/20/01	Haukwa	no - will be corrected at DR-99 resolution	6392852	yes	no - n/a	no - n/a	This SUR is the same as the above, except with different install date and with corrections. Why?	Investigate issue described in "comment" box.	This was initially identified as qualified on a Sun Solaris platform. However, during Dr-99 it was identified as a code developed for Dec Alpha. The second user request was then created, but SCM does not have a record of having received it.

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	File Name	Version	Accession No.	Date To RPC	Date of request	Date of installation	Users	Located	CPUs	Test Signature?	RIS?	SCM? electronic	Comments	Actions	Status Accounting	Comments
80	A Get_temp_v0.f	V1.0	MOL.20000523.0122		3/10/00	3/23/00	Haukwa		6332537	yes	yes	yes				
	B		not in RIS		3/10/00	3/21/01	Haukwa	no - will be corrected at DR-99 resolution	6392852	yes	no - n/a	no - n/a	This SUR is the same as the above, except with different install date and with corrections. Why?	Investigate issue described in "comment" box.		This was initially identified as qualified on a Sun Solaris platform. However, during Dr-99 it was identified as a code developed for Dec Alpha. The second user request was then created, but SCM does not have a record of having received it.
81	A Gpzones.dat	V1.0	not in RIS - IN PROCESS 5.11			5/17/01	Rutqvist		6438840	yes	no - n/a	yes				
82	A Hsource_v0.f	V1.0	MOL.20000523.0128		3/10/00	3/23/00	Haukwa		6332537	yes	yes	yes				
	B		not in RIS		3/10/00	3/21/01	Haukwa	no - will be corrected at DR-99 resolution	6392852	yes	no - n/a	no - n/a	This SUR is the same as the above, except with different install date and with corrections. Why?	Investigate issue described in "comment" box.		This was initially identified as qualified on a Sun Solaris platform. However, during Dr-99 it was identified as a code developed for Dec Alpha. The second user request was then created, but SCM does not have a record of having received it.
83	A Infil2grid	V1.7	not in RIS - IN PROCESS 5.11			5/9/01	Wu		6368420	yes	yes - n/a	yes		Send to RIS.		
84	A Kreg	V1.0	MOL.20010412.0391		9/22/00	1/25/01	Spycher		6332537	yes	yes	yes				
	B		MOL.20020213.0224	12/14/01	7/26/01	7/26/01	Lu		6332537	yes	no - yes	yes		Send to RIS.		
85	A Kswitch	V1.0	MOL.20010417.0020		9/22/00	1/25/01	Spycher		6332537	yes	yes	yes				
	B		MOL.20020213.0222	12/14/01	7/26/01	7/26/01	Lu		6332537	yes	no - yes	yes		Send to RIS.		
86	A Mddf.f	V2.0	MOL.20011120.0715		3/28/01	4/24/01	Li		6332537	yes	no - yes	yes		Send to RIS.		
87	A MERGGRID.F	V1.0	MOL.20020204.0260	11/27/01	3/14/00	5/15/01	Mukhopadyay		6332537	yes	no - yes	yes		Send to RIS.		
	B		MOL.20020204.0259	11/27/01	3/14/00	3/23/00	Mukhopadyay		6332537	? - n/a	no - yes	yes		Determine if valid, obtain hard copy, and send to RIS.		
88	A Merggrid2.f	V1.0	MOL.20010417.0022		9/22/00	1/25/01	Spycher		6332537	yes	yes	yes				
89	A Meshbd.f	V1.0	MOL.20011120.0709	10/3/01	3/28/01	4/24/01	Li		6332537	yes	no - yes	yes		Send to RIS.		
90	A Mettler Quad Scale 1.vi	V1.0	MOL.20010814.0105		10/17/00	3/26/01	Trautz, Czarmonski, Flexer, Cook		6378795, 6386271, 6382822, 6416602	yes	yes	yes	SCM has wrong install date.	Correct SCM database.		Updated database to reflect the correct date.
91	A Mettler Single Scale 9-27-00.vi	V1.0	MOL.20011019.0282		10/17/00	3/26/01	Trautz, Czarmonski, Flexer, Cook		6378795, 6386271, 6382822, 6416602	yes	yes	yes	SCM missing CPU 6382822.	Correct SCM database.		Added to Database.
92	A Mettler Tri Scale 7-12-00.vi	V1.0	MOL.20010814.0095		10/17/00	3/26/01	Trautz, Czarmonski, Flexer, Cook		6378795, 6386271, 6382822, 6416602	yes	yes	yes	SCM has wrong install date.	Correct SCM database.		Updated database to reflect the correct date.
93	A MINCgridv1.f	V1.0	MOL.20011120.0707		3/28/01	4/23/01	Liu		6392852	yes	no - yes	yes		Send to RIS.		
94	A Mininipresf.f	V1.0	MOL.20011120.0683	10/3/01	3/28/01	4/23/01	Li		6332537	yes	no - yes	yes		Send to RIS.		
95	A Minrefine3df.f	V1.0	MOL.20011120.0685		3/28/01	4/23/01	Li		6332537	yes	no - yes	yes		Send to RIS.		
96	A Mk_3dinter*.f	V1.0	MOL.20010208.0503		3/14/00	3/23/00	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	no - yes		Determine if valid. If valid, input in SCM database.		Valid user request.
	B		MOL.20010621.0471		3/14/00	3/20/01	Mukhopadyay		6332537	yes	yes	yes				
98	A Mk_3dsize.f	V1.0	MOL.20010621.0387		3/14/00	3/20/01	Mukhopadyay		6332537	yes	yes	yes				
	B		MOL.20010208.0501		3/14/00	3/23/00	Mukhopadyay		6332537	yes	yes	no - yes		Determine if valid. If valid, input in SCM database.		Valid user request.
	B		MOL.20010621.0383		3/14/00	03/21/2000 - 03/23/01	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	yes				
99	A MK_CIRC.F	V1.0	MOL.20020131.0210	12/17/01	3/14/00	5/15/01	Mukhopadyay		6332537	yes	no - yes	yes		Send to RIS.		
	B		MOL.20020131.0209	12/17/01	3/14/00	3/23/2001 - 03/23/00	Mukhopadyay		6332537	? - yes	no - yes	yes		Determine if valid, obtain hard copy, and send to RIS.		
100	A Mk_circ2	V1.0	MOL.20010509.0489		9/22/00	1/25/01	Spycher		6332537	yes	yes	yes				
101	A Mk_cluster*.f	V1.0	MOL.20010208.0499		3/14/00	3/23/00	Mukhopadyay		6332537	yes	yes	no - yes		Determine if valid. If valid, input in SCM database.		Valid user request.
	B		MOL.20010621.0469		3/14/00	3/20/01	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	yes				
102	A Mk_dual.f	V1.0	MOL.20010208.0497		3/14/00	3/23/00	Mukhopadyay		6332537	yes	yes	no - yes		Determine if valid. If valid, input in SCM database.		Valid user request.
	B		MOL.20010621.0395		3/14/00	3/20/01	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	yes				
103	A MK_EVALUATE_*.F		MOL.20020214.0129 - TOC	11/27/01	3/14/00	5/15/01	Mukhopadyay		6332537	yes	no - yes	yes		Send to RIS.		

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	File Name	Version	Accession No.	Date To RPC	Date of request	Date of installation	Users	Located	CPUs	Test Signature?	RIS?	SCM? electronic	Comments	Actions	Status Accounting	Comments
	B		MOL.20020214.0129 - TOC	11/27/01	3/14/00	3/20/2001 - 03/23/00	Mukhopadyay		6332537	? - yes	no - yes	yes		Determine if valid, obtain hard copy, and send to RIS and enter in SCM.		
104	A	Mk_gener.f	V1.0		MOL.20010621.0391	3/14/00	3/20/01	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	yes			
	B		MOL.20010208.0489		missing - 03/14/00	missing - 03/23/00	missing - Mukhopadyay		missing - 6332537	missing - yes	yes	no - yes		Research this SUR.		Valid user request.
105	A	Mk_generGL.f	V1.0	12/19/01	MOL.20020213.0209	3/28/01	4/23/01	Li	6332537	yes	no - yes	yes		Send to RIS.		
106	A	Mk_grav2.f	V1.0		MOL.20010417.0024	11/27/00	1/25/01	Sonnenenthal, Spycher	6332537	yes	yes	yes				
107	A	Mk_grav2d.f	V1.0		MOL.20010208.0487	3/14/00	3/23/00	Mukhopadyay	6332537	yes	yes	no - yes		Determine if valid. If valid, input in SCM database.		Valid user request.
	B		MOL.20010621.0375		3/14/00	3/20/01	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	yes				
108	A	Mk_grav3d.f	V1.0		MOL.20010208.0491	3/14/00	3/23/00	Mukhopadyay	6332537	yes	yes	no - yes		Determine if valid. If valid, input in SCM database.		Valid user request.
	B		MOL.20010621.0389		3/14/00	3/20/01	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	yes				
109	A	Mk_incon	V1.0		MOL.20010509.0487	9/22/00	1/25/01	Spycher	6332537	yes	yes	yes				
110	A	mk_incon_3d_dual.f	V1.0		MOL.20010208.0495	3/14/00	3/23/00	6332537	6332537	yes	yes	no - yes		Determine if valid. If valid, input in SCM database.		Valid user request.
	B		MOL.20010621.0373		3/14/00	3/20/01	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	yes				
111	A	mk_mesh_correct.f	V1.0		MOL.20010208.0481	3/14/00	3/23/00	Mukhopadyay	6332537	yes	yes	no - yes		Determine if valid. If valid, input in SCM database.		Valid user request.
	B		MOL.20010621.0371		3/14/00	3/20/01	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	yes				
112	A	Mk_obs3d.f	V1.0		MOL.20010208.0493	3/14/00	3/23/00	Mukhopadyay	6332537	yes	yes	no - yes		Determine if valid. If valid, input in SCM database.		Valid user request.
	B		MOL.20010621.0465		3/14/00	3/20/01	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	yes				
113	A	Mk_observ.f	V1.0		MOL.20010208.0477	3/14/00	3/23/00	Mukhopadyay	6332537	yes	yes	no - yes		Determine if valid. If valid, input in SCM database.		Valid user request.
	B		MOL.20010621.0393		3/14/00	3/20/01	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	yes				
114	A	MK_RECT.F	V1.0		MOL.20011001.0132	3/14/00	3/23/00	Mukhopadyay	6332537	yes	yes	yes				
	B		MOL.20011001.0133		3/14/00	5/15/01	Mukhopadyay		6332537	yes	yes	yes				
115	A	Mk_rect2	V1.0		MOL.20010509.0002	9/22/00	1/25/01	Spycher	6332537	yes	yes	yes				
116	A	Mk_tec*.f	V1.0		MOL.20010208.0475	3/14/00	3/23/00	Mukhopadyay	6332537	yes	yes	no - yes		Determine if valid. If valid, input in SCM database.		Valid user request.
	B		MOL.20010621.0467		3/14/00	3/20/01	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	yes				
117	A	Mk_temp3d_all.f	V1.0		MOL.20010208.0473	3/14/00	3/23/00	Mukhopadyay	6332537	yes	yes	no - yes		Determine if valid. If valid, input in SCM database.		Valid user request.
	B		MOL.20010621.0377		3/14/00	3/20/01	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	yes				
118	A	Mk_time*.f	V1.0		MOL.20010208.0471	3/14/00	3/23/00	Mukhopadyay	6332537	yes	yes	no - yes		Determine if valid. If valid, input in SCM database.		Valid user request.
	B		MOL.20010621.0463		3/14/00	3/20/01	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	yes				
119	A	mk_wing_power.f	V1.0		MOL.20010208.0505	3/14/00	3/23/00	Mukhopadyay	6332537	yes	yes	no - yes		Determine if valid. If valid, input in SCM database.		Valid user request.
	B		MOL.20010621.0385		3/14/00	3/20/01	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	yes				
120	A	mk_ysw_conne.f	V1.0		MOL.20010208.0485	3/14/00	3/23/00	Mukhopadyay	6332537	yes	yes	no - yes		Determine if valid. If valid, input in SCM database.		Valid user request.
	B		MOL.20010621.0381		3/14/00	3/20/01	Mukhopadyay	CORRECTS 03/23/00 SUR	6332537	yes	yes	yes				
121	A	mk_ysw_eleme.f	V1.0		MOL.20010208.0479	3/14/00	3/23/00	Mukhopadyay	6332537	yes	yes	yes				
	B		MOL.20020214.0130 - TOC	11/27/01	3/14/00	5/15/01	Mukhopadyay		6332537	yes	no - yes	yes		Send to RIS.		
122	A	MoveMesh	V1.0		MOL.20010622.0215	10/17/00	4/5/01	Ahlers, Finsterle	6332537	yes	no - yes	yes		Send to RIS.		
123	A	Mrgdrift.f	V1.0		MOL.20010417.0026	11/27/00	1/25/01	Sonnenenthal, Spycher	6332537	yes	yes	yes				

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	File Name	Version	Accession No.	Date To RPC	Date of request	Date of installation	Users	Located	CPUs	Test Signature?	IRIS?	SCM? electronic	Comments	Actions	Status Accounting	Comments
124	A N3R cross hole matrix generator 9.19.98.vi	V1.0	MOL.20020206.0266-TOC	2/6/02	9/22/00	4/23/01	Cook		6436143	yes	no - yes	yes		Send to RIS.		
125	A ParallelF.java	V1.0	MOL.20011001.0130		3/28/01	4/25/01	Pan		6357820	yes	yes	yes				
126	A Perm formula 1 ft zone.vi	V1.0	MOL.20011001.0114		9/22/00	4/23/01	Cook		6436143	yes	yes	yes				
127	A Perm2Mesh	V1.0	MOL.20010625.0282		10/17/00	4/5/01	Ahlers, Finsterle		6332537	yes	yes	yes				
128	A Regress	V1.0	MOL.20010509.0491		7/27/00	1/25/01	Spycher		6362008	yes	yes	yes				
129	A RoutineRick1	V1.0	not in RIS		3/28/01	4/6/01	Ahlers	no - CANCELLED	6332537	no - n/a	no - n/a	yes	Inconsistent information from sources.	Send to RIS. Research correct information.		This code was identified as having a defect prior to being installed. It has since been superceded by an upgraded version to correct this issue.
130	A Sav1d_dst2d.f	V1.0	MOL.20010417.0030		11/27/00	1/25/01	Sonnenthal, Spycher		6332537	yes	yes	yes				
131	A Switch	V1.0	MOL.20010426.0288		7/27/00	1/25/01	Spycher		636208	yes	yes	yes				
132	A Sys-Annotate	V1.0	MOL.20020212.0235	12/7/01	10/17/00	3/20/01	Tsang		6414028	yes	no - yes	yes				
133	A Thbcgen-v0.f	V1.0	MOL.20000523.0116		3/10/00	3/23/00	Haukwa		6332537	yes	yes	no - yes		Send to RIS.		
	B		MOL.20010802.0039		3/10/00	11/14/00	Haukwa		6332537	yes	yes	yes				Added to Database
	C		MOL.20020114.0377	12/13/01	4/13/01	5/15/01	Haukwa		6332537	yes	no - yes	yes				
134	A Tin.dat	V1.0	not in RIS - IN PROCESS 5.11		5/17/01	5/29/01	Rutqvist		6438840	yes	no - n/a	yes		Send to RIS.		
135	A Toptemp_v0.f	V1.0	MOL.20000523.0126		3/10/00	3/23/00	Haukwa		6332537	yes	yes	yes				
	B		not in RIS		3/10/00	3/20/01	Haukwa	no - will be corrected at DR-99 resolution	6392852	yes	no - n/a	no - n/a		Send to RIS.		This was initially identified as qualified on a Sun Solaris platform. However, during Dr-99 it was identified as a code developed for Dec Alpha. The second user request was then created, but SCM does not have a record of having received it.
136	A Vf_con.for	V1.0	MOL.20020114.0367	12/11/01	3/28/01	4/25/01	Wu		6368420	yes	no - yes	yes		Send to RIS.		
137	A MVIEW	V2.20	MOL.20020213.0249	1/24/02	7/26/01	8/31/01	Ahlers, Hinds, Finsterle, Hedegaard		6312331, 6354522	yes	no - yes	yes		Send to RIS.		
138	A NUFT	V3.0s	MOL.20011120.0699		6/19/01	6/26/01	Kim		6332537	yes	no - yes	yes		Send to RIS.		

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