XMM Optical Monitor

MULLARD SPACE SCIENCE LABORATORY
UNIVERSITY COLLEGE LONDON **Authors: P J Smith, H.E.Huckle**

SOFTWARE STATUS FOR THE FM

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CHANGE RECORD

ISSUE	DATE	PAGES CHANGED	COMMENTS
01	30 May 1998	All New	
02	14 August 1998	All	Major revision
03	16 August1998	All	Major revision
04	18 Sep 1998	All	Safe Mode added, prime and redundant code merged. Heater Algorithm revised.
05	25 Sep 1998	All	Software modification summary added
06	1 Oct 1998	Section 2	Revision to Modification Summary of release 5

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1. INTRODUCTION

This document contains all the software files and their version numbers used for Basic Mode and Operational Mode for the ICU and the DPU code for the Optical Monitor FM.
All the files are kept under version control using cvs.
There is a Makefile for each set of program files for use with GNU make.

2. CODE MODIFICATION SUMMARY

2.1 Modifications between Release 3 and Release 4

ICU Code

Reference	Comments
OM-MSSL-ECR-69	Autonomous Safing task removed as it would not have been able to respond quickly enough, and there are hardware HV protections anyway
OM-MSSL-ECR-71	The prime and redundant code is now identical. The code decides whether it is running on prime or redundant.
OM-MSSL-NCR-69	ICU now ignores swap unit status in DPU status word when DPU is in 'boot' mode as this value is incorrect.
OM-MSSL-NCR-97	Incorrect loading of Window Table removed.
OM-MSSL-NCR-98	Alert in the event of unexpected DPU reset added.
OM-MSSL-NCR-99	DPU Power down command now works.
OM-MSSL-NCR-100	Command rejected if attempt is made to move filter wheel while it is still moving.
OM-MSSL-NCR-101	Command rejected if attempt is made to move filter wheel to an absolute position before the datum has been found.
OM-MSSL-NCR-102	Filter Wheel now moves slowly when seeking datum when near coarse sensor to prevent occasional failure to find datum.
OM-MSSL-NCR-103	It should now be impossible to have both automatic and contingency heater tasks running together.
OM-MSSL-NCR-104	Default heater control on start-up of operational mode are now the closed loop rather than the open loop algorithms.
OM-MSSL-NCR-105	Going to Safe Mode in Operational Mode now 'safes' the high voltages and filter wheel.
OM-MSSL-NCR-106	Additional 'Intermediate Safe' mode command added, 'Safing level' modifier in command removed.
OM-MSSL-NCR-107	Memory dump of detector electronics now works.
OM-MSSL-NCR-110	Filter wheel 'Bar' position now at 2100 (as per changed specification).

DPU Code

There were no modifications to the DPU code.

2.2 Modifications between Release 4 and Release 5

ICU Code

Reference	Comments
OM-MSSL-ECR-61	HV MCP1 now allowed to rise even if MCP23 not > 1100V (redundant only)
OM-MSSL-NCR-83	Irregular HK - now every 10 secs
OM-MSSL-NCR-84	Incorrect heater status in HK fixed
OM-MSSL-NCR-87	Filter sometimes did not show 'Unknown' position prior to finding datum - fixed
OM-MSSL-NCR-88	Closed loop control of interface temperature now uses an average of the main, reference B and Reference C thermistors as its monitoring temperature. This is to be consistent with software used at CSL during thermal balance test.

DPU Code

Reference	Comments
OM-MSSL-ECR-67	Preliminary code for the real-time raw-data mode was added but can be completely turned off.
OM-MSSL-ECR-70	Science and memory windows reset to zero before configuring for each exposure.
OM-MSSL-NCR-90	DPU crashes with heavy white dsp activity, especially during compression and data output - caused by error in white swap unit code and FEC code screening - now fixed.
OM-MSSL-NCR-91	DPU crashes in engineering mode 4 with complex images - caused by the compressed data buffer watermark not being set, now set.
OM-MSSL-NCR-92	Global memory address zero was corrupted after blue event processing - caused by incorrect exiting of bad event address error handler - now fixed.
OM-MSSL-NCR-93	Bad event address - due to blue event ping/pong address wrong for null detector windows, fixed by implementing a more robust algorithm.
OM-MSSL-NCR-95	Flat Field Acquisition now supported
OM-MSSL-NCR-96	Scrubbing now implemented.

2.3 Modifications between Release 5 and Release 6

There were no software modifications between release 5 and release 6 of this document. It was issued to clarify and correct issue 5.

3. BASIC MODE ADA CODE

CVS repository: MSSL
CVS module: icu/fm/basic
CVS tag: fm_csl

File: Makefile Status: Locally Modified
  Working revision: 1.9 Thu Mar 5 11:54:19 1998
  Repository revision: 1.9 /home/egse/CVS/icu/fm/basic/Makefile,v
File: USERDEFS.asm Status: Up-to-date
  Working revision: 1.3 Mon Mar 23 13:52:25 1998
  Repository revision: 1.3 /home/egse/CVS/icu/fm/basic/USERDEFS.asm,v
File: adamakedepend Status: Up-to-date
  Working revision: 1.1 Thu Oct 16 14:36:12 1997
  Repository revision: 1.1 /home/egse/CVS/icu/fm/basic/adamakedepend,v
File: bcp4_ih.ads Status: Up-to-date
  Working revision: 1.3 Sat Nov 22 17:22:41 1997
  Repository revision: 1.3 /home/egse/CVS/icu/fm/basic/bcp4_ih.ads,v
File: bcp4_ih.asm Status: Up-to-date
  Working revision: 1.4 Wed Feb 11 17:14:23 1998
  Repository revision: 1.4 /home/egse/CVS/icu/fm/basic/bcp4_ih.asm,v
File: bsio.asm Status: Up-to-date
  Working revision: 1.4 Tue Feb 10 13:32:13 1998
  Repository revision: 1.4 /home/egse/CVS/icu/fm/basic/bsio.asm,v
File: crc.adb Status: Up-to-date
  Working revision: 1.3 Sat Nov 22 17:22:41 1997
  Repository revision: 1.3 /home/egse/CVS/icu/fm/basic/crc.adb,v
File: crc.ads Status: Up-to-date
  Working revision: 1.2 Sat Nov 22 17:22:41 1997
  Repository revision: 1.2 /home/egse/CVS/icu/fm/basic/crc.ads,v
File: debug.adb Status: Up-to-date
  Working revision: 1.3 Sat Nov 22 17:02:03 1997
  Repository revision: 1.3 /home/egse/CVS/icu/fm/basic/debug.adb,v
File: debug.ads Status: Up-to-date
  Working revision: 1.8 Mon Mar 23 13:45:24 1998
  Repository revision: 1.8 /home/egse/CVS/icu/fm/basic/debug.ads,v
File: dempsu.adb Status: Up-to-date
  Working revision: 1.5 Mon Mar 23 13:45:24 1998
  Repository revision: 1.5 /home/egse/CVS/icu/fm/basic/dempsu.adb,v
File: dempsu.ads Status: Up-to-date
  Working revision: 1.3 Sat Nov 22 17:22:42 1997
  Repository revision: 1.3 /home/egse/CVS/icu/fm/basic/dempsu.ads,v
File: emboot.asm Status: Up-to-date
  Working revision: 1.21 Wed Apr 1 10:54:38 1998
  Repository revision: 1.21 /home/egse/CVS/icu/fm/basic/emboot.asm,v
File: emsubs.asm Status: Up-to-date
  Working revision: 1.6 Wed Apr 1 10:55:13 1998
  Repository revision: 1.6 /home/egse/CVS/icu/fm/basic/emsubs.asm,v
File: hk.adb Status: Up-to-date
  Working revision: 1.24 Mon Mar 23 13:45:25 1998
  Repository revision: 1.24 /home/egse/CVS/icu/fm/basic/hk.adb,v
File: hk.ads Status: Up-to-date
  Working revision: 1.2 Sat Nov 22 17:22:43 1997
  Repository revision: 1.2 /home/egse/CVS/icu/fm/basic/hk.ads,v
File: icb.adb Status: Up-to-date
  Working revision: 1.6 Thu Mar 5 12:34:30 1998
  Repository revision: 1.6 /home/egse/CVS/icu/fm/basic/icb.adb,v
File: icb.ads Status: Up-to-date
  Working revision: 1.2 Sat Nov 22 17:22:43 1997
  Repository revision: 1.2 /home/egse/CVS/icu/fm/basic/icb.ads,v
File: icb_driver.adb Status: Up-to-date
  Working revision: 1.13 Tue Mar 10 10:56:58 1998

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   Repository revision:    1.13    /home/egse/CVS/icu/fm/basic/icb_driver.adb,v
File: icb_driver.ads       Status: Up-to-date
   Working revision:       1.2     Sat Nov 22 17:22:44 1997
   Repository revision:    1.2     /home/egse/CVS/icu/fm/basic/icb_driver.ads,v
File: icu.ada              Status: Locally Modified
   Working revision:       1.11    Tue Mar 10 10:56:59 1998
   Repository revision:    1.11    /home/egse/CVS/icu/fm/basic/icu.ada,v
File: icu_mem_manager.adb          Status: Up-to-date
   Working revision:       1.13    Mon Mar  9 12:46:08 1998
   Repository revision:    1.13    /home/egse/CVS/icu/fm/basic/icu_mem_manager.adb,v
File: icu_mem_manager.ads          Status: Up-to-date
   Working revision:       1.1     Sat Nov 22 16:45:51 1997
   Repository revision:    1.1     /home/egse/CVS/icu/fm/basic/icu_mem_manager.ads,v
File: importance.ads       Status: Up-to-date
   Working revision:       1.2     Sat Nov 22 17:22:45 1997
   Repository revision:    1.2     /home/egse/CVS/icu/fm/basic/importance.ads,v
File: mem_manager.adb      Status: Up-to-date
   Working revision:       1.8     Thu Mar  5 12:34:31 1998
   Repository revision:    1.8     /home/egse/CVS/icu/fm/basic/mem_manager.adb,v
File: mem_manager.ads      Status: Up-to-date
   Working revision:       1.1     Sat Nov 22 16:46:10 1997
   Repository revision:    1.1     /home/egse/CVS/icu/fm/basic/mem_manager.ads,v
File: memloc.ads           Status: Up-to-date
   Working revision:       1.14    Wed Feb 11 17:14:24 1998
   Repository revision:    1.14    /home/egse/CVS/icu/fm/basic/memloc.ads,v
File: modeman.adb          Status: Up-to-date
   Working revision:       1.10    Mon Mar 23 13:45:25 1998
   Repository revision:    1.10    /home/egse/CVS/icu/fm/basic/modeman.adb,v
File: modeman.ads          Status: Up-to-date
   Working revision:       1.4     Thu Feb 12 15:42:04 1998
   Repository revision:    1.4     /home/egse/CVS/icu/fm/basic/modeman.ads,v
File: mutex.adb            Status: Up-to-date
   Working revision:       1.5     Thu Mar  5 12:34:31 1998
   Repository revision:    1.5     /home/egse/CVS/icu/fm/basic/mutex.adb,v
File: mutex.ads            Status: Up-to-date
   Working revision:       1.4     Tue Dec  2 12:54:39 1997
   Repository revision:    1.4     /home/egse/CVS/icu/fm/basic/mutex.ads,v
File: nhk.adb              Status: Up-to-date
   Working revision:       1.6     Thu Mar  5 12:34:31 1998
   Repository revision:    1.6     /home/egse/CVS/icu/fm/basic/nhk.adb,v
File: nhk.ads              Status: Up-to-date
   Working revision:       1.3     Thu Mar  5 12:34:31 1998
   Repository revision:    1.3     /home/egse/CVS/icu/fm/basic/nhk.ads,v
File: packet.ads           Status: Up-to-date
   Working revision:       1.13    Thu Mar  5 11:56:42 1998
   Repository revision:    1.13    /home/egse/CVS/icu/fm/basic/packet.ads,v
File: peek_poke.ads        Status: Up-to-date
   Working revision:       1.2     Sat Nov 22 17:22:48 1997
   Repository revision:    1.2     /home/egse/CVS/icu/fm/basic/peek_poke.ads,v
File: peek_poke.asm        Status: Up-to-date
   Working revision:       1.1     Thu Oct 16 15:55:00 1997
   Repository revision:    1.1     /home/egse/CVS/icu/fm/basic/peek_poke.asm,v
File: rbi.adb              Status: Up-to-date
   Working revision:       1.11    Thu Mar  5 12:34:31 1998
   Repository revision:    1.11    /home/egse/CVS/icu/fm/basic/rbi.adb,v
File: rbi.ads              Status: Up-to-date
   Working revision:       1.5     Tue Dec  2 12:55:02 1997
   Repository revision:    1.5     /home/egse/CVS/icu/fm/basic/rbi.ads,v
File: rbi_ih.ads           Status: Up-to-date
   Working revision:       1.2     Sat Nov 22 17:22:49 1997
   Repository revision:    1.2     /home/egse/CVS/icu/fm/basic/rbi_ih.ads,v
File: rbi_ih.asm           Status: Up-to-date
   Working revision:       1.4     Wed Feb 11 17:14:24 1998
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   Repository revision:  1.4    /home/egse/CVS/icu/fm/basic/rbi_ih.asm,v
File: reset.ads          Status: Up-to-date
   Working revision:     1.3    Thu Feb 12 15:42:04 1998
   Repository revision:  1.3    /home/egse/CVS/icu/fm/basic/reset.ads,v
File: reset.asm          Status: Up-to-date
   Working revision:     1.5    Wed Apr  1 10:54:39 1998
   Repository revision:  1.5    /home/egse/CVS/icu/fm/basic/reset.asm,v
File: ssi_driver.adb     Status: Up-to-date
   Working revision:     1.4    Thu Mar  5 11:57:04 1998
   Repository revision:  1.4    /home/egse/CVS/icu/fm/basic/ssi_driver.adb,v
File: ssi_driver.ads     Status: Up-to-date
   Working revision:     1.3    Tue Nov 25 19:05:32 1997
   Repository revision:  1.3    /home/egse/CVS/icu/fm/basic/ssi_driver.ads,v
File: ssi_ih.ads         Status: Up-to-date
   Working revision:     1.2    Sat Nov 22 17:22:50 1997
   Repository revision:  1.2    /home/egse/CVS/icu/fm/basic/ssi_ih.ads,v
File: ssi_ih.asm         Status: Up-to-date
   Working revision:     1.1    Fri Nov 21 22:04:17 1997
   Repository revision:  1.1    /home/egse/CVS/icu/fm/basic/ssi_ih.asm,v
File: task_report.adb    Status: Up-to-date
   Working revision:     1.6    Thu Mar  5 12:34:32 1998
   Repository revision:  1.6    /home/egse/CVS/icu/fm/basic/task_report.adb,v
File: task_report.ads    Status: Up-to-date
   Working revision:     1.3    Thu Mar  5 12:34:32 1998
   Repository revision:  1.3    /home/egse/CVS/icu/fm/basic/task_report.ads,v
File: taskman.adb        Status: Up-to-date
   Working revision:     1.11   Mon Mar 23 13:45:25 1998
   Repository revision:  1.11   /home/egse/CVS/icu/fm/basic/taskman.adb,v
File: taskman.ads        Status: Up-to-date
   Working revision:     1.2    Sat Nov 22 17:22:51 1997
   Repository revision:  1.2    /home/egse/CVS/icu/fm/basic/taskman.ads,v
File: tc_q.adb           Status: Up-to-date
   Working revision:     1.4    Sat Nov 22 17:22:51 1997
   Repository revision:  1.4    /home/egse/CVS/icu/fm/basic/tc_q.adb,v
File: tc_q.ads           Status: Up-to-date
   Working revision:     1.3    Sat Nov 22 17:22:52 1997
   Repository revision:  1.3    /home/egse/CVS/icu/fm/basic/tc_q.ads,v
File: tc_verify.adb      Status: Up-to-date
   Working revision:     1.5    Thu Mar  5 12:34:32 1998
   Repository revision:  1.5    /home/egse/CVS/icu/fm/basic/tc_verify.adb,v
File: tc_verify.ads      Status: Up-to-date
   Working revision:     1.3    Thu Mar  5 12:34:32 1998
   Repository revision:  1.3    /home/egse/CVS/icu/fm/basic/tc_verify.ads,v
File: tcq.adb            Status: Up-to-date
   Working revision:     1.8    Thu Mar  5 12:34:32 1998
   Repository revision:  1.8    /home/egse/CVS/icu/fm/basic/tcq.adb,v
File: tcq.ads            Status: Up-to-date
   Working revision:     1.2    Sat Nov 22 17:22:53 1997
   Repository revision:  1.2    /home/egse/CVS/icu/fm/basic/tcq.ads,v
File: time_man.adb       Status: Up-to-date
   Working revision:     1.11   Thu Mar  5 12:34:32 1998
   Repository revision:  1.11   /home/egse/CVS/icu/fm/basic/time_man.adb,v
File: time_man.ads       Status: Up-to-date
   Working revision:     1.2    Sat Nov 22 17:22:54 1997
   Repository revision:  1.2    /home/egse/CVS/icu/fm/basic/time_man.ads,v
File: tlink17.lcf        Status: Up-to-date
   Working revision:     1.6    Thu Feb 12 15:42:04 1998
   Repository revision:  1.6    /home/egse/CVS/icu/fm/basic/tlink17.lcf,v
File: tm_man.adb         Status: Up-to-date
   Working revision:     1.14   Mon Mar 23 13:45:25 1998
   Repository revision:  1.14   /home/egse/CVS/icu/fm/basic/tm_man.adb,v
File: tm_man.ads         Status: Up-to-date
   Working revision:     1.3    Sat Nov 22 17:22:54 1997
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   Repository revision:  1.3    /home/egse/CVS/icu/fm/basic/tm_man.ads,v
File: tm_q.adb           Status: Up-to-date
   Working revision:     1.4    Sat Nov 22 17:22:55 1997
   Repository revision:  1.4    /home/egse/CVS/icu/fm/basic/tm_q.adb,v
File: tm_q.ads           Status: Up-to-date
   Working revision:     1.3    Sat Nov 22 17:22:55 1997
   Repository revision:  1.3    /home/egse/CVS/icu/fm/basic/tm_q.ads,v
File: tmpsu.adb          Status: Up-to-date
   Working revision:     1.6    Wed Feb 11 17:50:51 1998
   Repository revision:  1.6    /home/egse/CVS/icu/fm/basic/tmpsu.adb,v
File: tmpsu.ads          Status: Up-to-date
   Working revision:     1.2    Sat Nov 22 17:22:56 1997
   Repository revision:  1.2    /home/egse/CVS/icu/fm/basic/tmpsu.ads,v
File: tmq.adb            Status: Up-to-date
   Working revision:     1.8    Thu Mar  5 12:34:33 1998
   Repository revision:  1.8    /home/egse/CVS/icu/fm/basic/tmq.adb,v
File: tmq.ads            Status: Up-to-date
   Working revision:     1.4    Thu Mar  5 12:34:33 1998
   Repository revision:  1.4    /home/egse/CVS/icu/fm/basic/tmq.ads,v
File: types.ads          Status: Up-to-date
   Working revision:     1.2    Sat Nov 22 17:22:56 1997
   Repository revision:  1.2    /home/egse/CVS/icu/fm/basic/types.ads,v
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4. OPERATIONAL MODE ADA CODE

CVS repository: MSSL
CVS module: icu/fm/oper
CVS tag: fm_dorn_ist_patch1

File: INTVEC.asm Status: Up-to-date
  Working revision: 1.1 Thu Feb 5 13:51:53 1998
  Repository revision: 1.1 /home/egse/CVS/icu/fm/oper/INTVEC.asm,v
File: Makefile Status: Up-to-date
  Working revision: 1.17 Thu Aug 13 15:35:55 1998
  Repository revision: 1.17 /home/egse/CVS/icu/fm/oper/Makefile,v
File: USERDEFS.asm Status: Up-to-date
  Working revision: 1.3 Wed Apr 1 10:52:00 1998
  Repository revision: 1.3 /home/egse/CVS/icu/fm/oper/USERDEFS.asm,v
File: adamakecleanup Status: Locally Modified
  Working revision: 1.5 Fri Apr 17 22:17:26 1998
  Repository revision: 1.5 /home/egse/CVS/icu/fm/oper/adamakecleanup,v
File: adamakedepend Status: Up-to-date
  Working revision: 1.2 Thu Apr 9 14:12:07 1998
  Repository revision: 1.2 /home/egse/CVS/icu/fm/oper/adamakedepend,v
File: bcp4_ih.ads Status: Up-to-date
  Working revision: 1.2 Tue Oct 28 15:31:37 1997
  Repository revision: 1.2 /home/egse/CVS/icu/fm/oper/bcp4_ih.ads,v
File: bcp4_ih.asm Status: Up-to-date
  Working revision: 1.4 Mon Feb 16 15:48:07 1998
  Repository revision: 1.4 /home/egse/CVS/icu/fm/oper/bcp4_ih.asm,v
File: crc.adb Status: Up-to-date
  Working revision: 1.2 Fri Jun 26 22:10:32 1998
  Repository revision: 1.2 /home/egse/CVS/icu/fm/oper/crc.adb,v
File: crc.ads Status: Up-to-date
  Working revision: 1.1 Thu Oct 16 15:55:36 1997
  Repository revision: 1.1 /home/egse/CVS/icu/fm/oper/crc.ads,v
File: debug.adb Status: Up-to-date
  Working revision: 1.5 Fri May 8 17:43:23 1998
  Repository revision: 1.5 /home/egse/CVS/icu/fm/oper/debug.adb,v
File: debug.ads Status: Up-to-date
  Working revision: 1.11 Fri Jun 26 22:10:32 1998
  Repository revision: 1.11 /home/egse/CVS/icu/fm/oper/debug.ads,v
File: dempsu.adb Status: Up-to-date
  Working revision: 1.4 Fri Jun 26 22:10:33 1998
  Repository revision: 1.4 /home/egse/CVS/icu/fm/oper/dempsu.adb,v
File: dempsu.ads Status: Up-to-date
  Working revision: 1.2 Wed Nov 26 17:09:11 1997
  Repository revision: 1.2 /home/egse/CVS/icu/fm/oper/dempsu.ads,v
File: detanalog.adb Status: Up-to-date
  Working revision: 1.19 Wed Sep 23 09:51:47 1998
  Repository revision: 1.19 /home/egse/CVS/icu/fm/oper/detanalog.adb,v
File: detanalog.ads Status: Up-to-date
  Working revision: 1.5 Thu Jul 9 17:54:03 1998
  Repository revision: 1.5 /home/egse/CVS/icu/fm/oper/detanalog.ads,v
File: detdigital.adb Status: Up-to-date
  Working revision: 1.17 Thu Aug 13 15:33:02 1998
  Repository revision: 1.17 /home/egse/CVS/icu/fm/oper/detdigital.adb,v
File: detdigital.ads Status: Up-to-date
  Working revision: 1.3 Thu May 28 22:18:27 1998
  Repository revision: 1.3 /home/egse/CVS/icu/fm/oper/detdigital.ads,v
File: detector.ads Status: Up-to-date
  Working revision: 1.8 Thu Aug 13 15:33:03 1998
  Repository revision: 1.8 /home/egse/CVS/icu/fm/oper/detector.ads,v
File: dpu.adb Status: Up-to-date
  Working revision: 1.27 Thu Aug 13 15:33:03 1998

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   Repository revision:    1.27    /home/egse/CVS/icu/fm/oper/dpu.adb,v
File: dpu.ads              Status: Up-to-date
   Working revision:       1.9     Fri Apr 17 15:23:18 1998
   Repository revision:    1.9     /home/egse/CVS/icu/fm/oper/dpu.ads,v
File: dpu_mem_manager.adb  Status: Up-to-date
   Working revision:       1.11    Fri Jun 26 21:53:02 1998
   Repository revision:    1.11    /home/egse/CVS/icu/fm/oper/dpu_mem_manager.adb,v
File: dpu_mem_manager.ads  Status: Up-to-date
   Working revision:       1.2     Wed Apr  1 10:57:27 1998
   Repository revision:    1.2     /home/egse/CVS/icu/fm/oper/dpu_mem_manager.ads,v
File: dpu_mnemo.ads        Status: Up-to-date
   Working revision:       1.5     Wed May 20 14:51:47 1998
   Repository revision:    1.5     /home/egse/CVS/icu/fm/oper/dpu_mnemo.ads,v
File: heater.adb           Status: Up-to-date
   Working revision:       1.9     Tue Sep 22 12:57:35 1998
   Repository revision:    1.9     /home/egse/CVS/icu/fm/oper/heater.adb,v
File: heater.ads           Status: Up-to-date
   Working revision:       1.2     Thu Apr  9 14:08:40 1998
   Repository revision:    1.2     /home/egse/CVS/icu/fm/oper/heater.ads,v
File: hk.adb               Status: Up-to-date
   Working revision:       1.21    Tue Sep 22 12:59:09 1998
   Repository revision:    1.21    /home/egse/CVS/icu/fm/oper/hk.adb,v
File: hk.ads               Status: Up-to-date
   Working revision:       1.3     Wed Apr  8 20:16:03 1998
   Repository revision:    1.3     /home/egse/CVS/icu/fm/oper/hk.ads,v
File: icb.adb              Status: Up-to-date
   Working revision:       1.10    Fri Jun 26 22:10:34 1998
   Repository revision:    1.10    /home/egse/CVS/icu/fm/oper/icb.adb,v
File: icb.ads              Status: Up-to-date
   Working revision:       1.4     Fri May  1 12:51:18 1998
   Repository revision:    1.4     /home/egse/CVS/icu/fm/oper/icb.ads,v
File: icb_driver.adb       Status: Up-to-date
   Working revision:       1.6     Mon May  4 14:54:40 1998
   Repository revision:    1.6     /home/egse/CVS/icu/fm/oper/icb_driver.adb,v
File: icb_driver.ads       Status: Up-to-date
   Working revision:       1.1     Mon Nov 17 17:15:36 1997
   Repository revision:    1.1     /home/egse/CVS/icu/fm/oper/icb_driver.ads,v
File: icu.ada              Status: Up-to-date
   Working revision:       1.10    Tue Sep 22 12:59:57 1998
   Repository revision:    1.10    /home/egse/CVS/icu/fm/oper/icu.ada,v
File: icu_mem_manager.adb  Status: Up-to-date
   Working revision:       1.13    Fri Aug  7 01:28:41 1998
   Repository revision:    1.13    /home/egse/CVS/icu/fm/oper/icu_mem_manager.adb,v
File: icu_mem_manager.ads  Status: Up-to-date
   Working revision:       1.1     Thu Oct 16 15:55:51 1997
   Repository revision:    1.1     /home/egse/CVS/icu/fm/oper/icu_mem_manager.ads,v
File: importance.ads       Status: Up-to-date
   Working revision:       1.6     Fri Jun 26 21:56:33 1998
   Repository revision:    1.6     /home/egse/CVS/icu/fm/oper/importance.ads,v
File: mechanism.adb        Status: Up-to-date
   Working revision:       1.18    Tue Sep 22 13:02:57 1998
   Repository revision:    1.18    /home/egse/CVS/icu/fm/oper/mechanism.adb,v
File: mechanism.ads        Status: Up-to-date
   Working revision:       1.6     Tue Sep 22 13:01:01 1998
   Repository revision:    1.6     /home/egse/CVS/icu/fm/oper/mechanism.ads,v
File: mem_manager.adb      Status: Up-to-date
   Working revision:       1.7     Fri Jun 26 22:10:35 1998
   Repository revision:    1.7     /home/egse/CVS/icu/fm/oper/mem_manager.adb,v
File: mem_manager.ads      Status: Up-to-date
   Working revision:       1.1     Thu Oct 16 15:55:53 1997
   Repository revision:    1.1     /home/egse/CVS/icu/fm/oper/mem_manager.ads,v
File: memdpu.adb           Status: Up-to-date
   Working revision:       1.7     Fri Jun 26 22:10:35 1998
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   Repository revision:  1.7     /home/egse/CVS/icu/fm/oper/memdpu.adb,v
File: memdpu.ads         Status: Up-to-date
   Working revision:     1.1     Thu Oct 16 15:55:54 1997
   Repository revision:  1.1     /home/egse/CVS/icu/fm/oper/memdpu.ads,v
File: memloc.ads         Status: Up-to-date
   Working revision:     1.12    Fri Jun 26 21:56:53 1998
   Repository revision:  1.12    /home/egse/CVS/icu/fm/oper/memloc.ads,v
File: modeman.adb        Status: Up-to-date
   Working revision:     1.7     Thu Aug 13 15:33:04 1998
   Repository revision:  1.7     /home/egse/CVS/icu/fm/oper/modeman.adb,v
File: modeman.ads        Status: Up-to-date
   Working revision:     1.5     Thu Aug 13 15:33:04 1998
   Repository revision:  1.5     /home/egse/CVS/icu/fm/oper/modeman.ads,v
File: mutex.adb          Status: Up-to-date
   Working revision:     1.10    Fri Jun 26 22:10:36 1998
   Repository revision:  1.10    /home/egse/CVS/icu/fm/oper/mutex.adb,v
File: mutex.ads          Status: Up-to-date
   Working revision:     1.4     Sat May 23 18:45:29 1998
   Repository revision:  1.4     /home/egse/CVS/icu/fm/oper/mutex.ads,v
File: nhk.adb            Status: Up-to-date
   Working revision:     1.6     Fri May  1 12:51:21 1998
   Repository revision:  1.6     /home/egse/CVS/icu/fm/oper/nhk.adb,v
File: nhk.ads            Status: Up-to-date
   Working revision:     1.2     Tue Mar 31 00:38:30 1998
   Repository revision:  1.2     /home/egse/CVS/icu/fm/oper/nhk.ads,v
File: packet.ads         Status: Up-to-date
   Working revision:     1.15    Thu Aug 13 15:33:05 1998
   Repository revision:  1.15    /home/egse/CVS/icu/fm/oper/packet.ads,v
File: peek_poke.ads      Status: Up-to-date
   Working revision:     1.1     Thu Oct 16 15:55:57 1997
   Repository revision:  1.1     /home/egse/CVS/icu/fm/oper/peek_poke.ads,v
File: peek_poke.asm      Status: Up-to-date
   Working revision:     1.1     Thu Oct 16 15:55:57 1997
   Repository revision:  1.1     /home/egse/CVS/icu/fm/oper/peek_poke.asm,v
File: rbi.adb            Status: Up-to-date
   Working revision:     1.12    Fri Jun 26 22:10:37 1998
   Repository revision:  1.12    /home/egse/CVS/icu/fm/oper/rbi.adb,v
File: rbi.ads            Status: Up-to-date
   Working revision:     1.3     Fri Apr 17 15:23:20 1998
   Repository revision:  1.3     /home/egse/CVS/icu/fm/oper/rbi.ads,v
File: rbi_ih.ads         Status: Up-to-date
   Working revision:     1.1     Thu Oct 16 15:55:58 1997
   Repository revision:  1.1     /home/egse/CVS/icu/fm/oper/rbi_ih.ads,v
File: rbi_ih.asm         Status: Up-to-date
   Working revision:     1.4     Mon Feb 16 15:48:07 1998
   Repository revision:  1.4     /home/egse/CVS/icu/fm/oper/rbi_ih.asm,v
File: reset.ads          Status: Up-to-date
   Working revision:     1.1     Thu Oct 16 15:55:59 1997
   Repository revision:  1.1     /home/egse/CVS/icu/fm/oper/reset.ads,v
File: reset.asm          Status: Up-to-date
   Working revision:     1.1     Thu Oct 16 15:56:00 1997
   Repository revision:  1.1     /home/egse/CVS/icu/fm/oper/reset.asm,v
File: safing.adb         Status: Up-to-date
   Working revision:     1.4     Thu Aug 13 15:33:05 1998
   Repository revision:  1.4     /home/egse/CVS/icu/fm/oper/safing.adb,v
File: safing.ads         Status: Up-to-date
   Working revision:     1.2     Thu Jul  9 17:54:04 1998
   Repository revision:  1.2     /home/egse/CVS/icu/fm/oper/safing.ads,v
File: science.adb        Status: Up-to-date
   Working revision:     1.5     Mon Jun 15 08:44:33 1998
   Repository revision:  1.5     /home/egse/CVS/icu/fm/oper/science.adb,v
File: science.ads        Status: Up-to-date
   Working revision:     1.3     Sun Jan  4 16:46:48 1998
```

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   Repository revision:  1.3     /home/egse/CVS/icu/fm/oper/science.ads,v
File: science_fm.adb     Status: Up-to-date
   Working revision:     1.2     Fri May  1 12:51:22 1998
   Repository revision:  1.2     /home/egse/CVS/icu/fm/oper/science_fm.adb,v
File: science_fm.ads     Status: Up-to-date
   Working revision:     1.1     Tue Mar 31 15:24:06 1998
   Repository revision:  1.1     /home/egse/CVS/icu/fm/oper/science_fm.ads,v
File: ssi_driver.adb     Status: Up-to-date
   Working revision:     1.13    Fri Jun 26 21:59:16 1998
   Repository revision:  1.13    /home/egse/CVS/icu/fm/oper/ssi_driver.adb,v
File: ssi_driver.ads     Status: Up-to-date
   Working revision:     1.3     Tue Jan 20 15:10:46 1998
   Repository revision:  1.3     /home/egse/CVS/icu/fm/oper/ssi_driver.ads,v
File: ssi_ih.ads         Status: Up-to-date
   Working revision:     1.1     Thu Oct 16 15:56:01 1997
   Repository revision:  1.1     /home/egse/CVS/icu/fm/oper/ssi_ih.ads,v
File: ssi_ih.asm         Status: Up-to-date
   Working revision:     1.3     Tue May 26 18:02:51 1998
   Repository revision:  1.3     /home/egse/CVS/icu/fm/oper/ssi_ih.asm,v
File: ssi_in.adb         Status: Up-to-date
   Working revision:     1.8     Thu Aug 13 15:33:05 1998
   Repository revision:  1.8     /home/egse/CVS/icu/fm/oper/ssi_in.adb,v
File: ssi_in.ads         Status: Up-to-date
   Working revision:     1.1     Thu Oct 16 15:56:03 1997
   Repository revision:  1.1     /home/egse/CVS/icu/fm/oper/ssi_in.ads,v
File: ssi_out.adb        Status: Up-to-date
   Working revision:     1.8     Fri Jun 26 21:59:42 1998
   Repository revision:  1.8     /home/egse/CVS/icu/fm/oper/ssi_out.adb,v
File: ssi_out.ads        Status: Up-to-date
   Working revision:     1.2     Fri May  1 12:51:22 1998
   Repository revision:  1.2     /home/egse/CVS/icu/fm/oper/ssi_out.ads,v
File: task_report.adb    Status: Up-to-date
   Working revision:     1.7     Fri Jun 26 22:00:30 1998
   Repository revision:  1.7     /home/egse/CVS/icu/fm/oper/task_report.adb,v
File: task_report.ads    Status: Up-to-date
   Working revision:     1.3     Fri Apr 17 15:23:20 1998
   Repository revision:  1.3     /home/egse/CVS/icu/fm/oper/task_report.ads,v
File: taskman.adb        Status: Up-to-date
   Working revision:     1.20    Thu Aug 13 15:33:05 1998
   Repository revision:  1.20    /home/egse/CVS/icu/fm/oper/taskman.adb,v
File: taskman.ads        Status: Up-to-date
   Working revision:     1.1     Thu Oct 16 15:56:05 1997
   Repository revision:  1.1     /home/egse/CVS/icu/fm/oper/taskman.ads,v
File: tc_q.adb           Status: Up-to-date
   Working revision:     1.5     Fri Jun 26 22:10:38 1998
   Repository revision:  1.5     /home/egse/CVS/icu/fm/oper/tc_q.adb,v
File: tc_q.ads           Status: Up-to-date
   Working revision:     1.5     Thu Apr 23 13:32:11 1998
   Repository revision:  1.5     /home/egse/CVS/icu/fm/oper/tc_q.ads,v
File: tc_verify.adb      Status: Up-to-date
   Working revision:     1.7     Fri Jun 26 22:01:19 1998
   Repository revision:  1.7     /home/egse/CVS/icu/fm/oper/tc_verify.adb,v
File: tc_verify.ads      Status: Up-to-date
   Working revision:     1.3     Fri Apr 17 10:56:39 1998
   Repository revision:  1.3     /home/egse/CVS/icu/fm/oper/tc_verify.ads,v
File: tcq.adb            Status: Up-to-date
   Working revision:     1.7     Fri Jun 26 22:10:38 1998
   Repository revision:  1.7     /home/egse/CVS/icu/fm/oper/tcq.adb,v
File: tcq.ads            Status: Up-to-date
   Working revision:     1.1     Thu Oct 16 15:56:07 1997
   Repository revision:  1.1     /home/egse/CVS/icu/fm/oper/tcq.ads,v
File: time_man.adb       Status: Up-to-date
   Working revision:     1.15    Fri Jun 26 22:10:39 1998
```

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   Repository revision:  1.15    /home/egse/CVS/icu/fm/oper/time_man.adb,v
File: time_man.ads       Status: Up-to-date
   Working revision:     1.3     Fri Apr 17 15:23:21 1998
   Repository revision:  1.3     /home/egse/CVS/icu/fm/oper/time_man.ads,v
File: tlink17.lcf        Status: Up-to-date
   Working revision:     1.7     Sat Jun 13 08:46:33 1998
   Repository revision:  1.7     /home/egse/CVS/icu/fm/oper/tlink17.lcf,v
File: tm_man.adb         Status: Up-to-date
   Working revision:     1.10    Fri Jun 26 22:10:39 1998
   Repository revision:  1.10    /home/egse/CVS/icu/fm/oper/tm_man.adb,v
File: tm_man.ads         Status: Up-to-date
   Working revision:     1.3     Fri Apr 17 15:23:21 1998
   Repository revision:  1.3     /home/egse/CVS/icu/fm/oper/tm_man.ads,v
File: tm_q.adb           Status: Up-to-date
   Working revision:     1.9     Fri Jun 26 22:02:12 1998
   Repository revision:  1.9     /home/egse/CVS/icu/fm/oper/tm_q.adb,v
File: tm_q.ads           Status: Up-to-date
   Working revision:     1.3     Thu Apr 23 13:32:12 1998
   Repository revision:  1.3     /home/egse/CVS/icu/fm/oper/tm_q.ads,v
File: tmpsu.adb          Status: Up-to-date
   Working revision:     1.10    Tue Sep 22 13:03:43 1998
   Repository revision:  1.10    /home/egse/CVS/icu/fm/oper/tmpsu.adb,v
File: tmpsu.ads          Status: Up-to-date
   Working revision:     1.2     Fri Apr 17 15:23:22 1998
   Repository revision:  1.2     /home/egse/CVS/icu/fm/oper/tmpsu.ads,v
File: tmq.adb            Status: Up-to-date
   Working revision:     1.11    Fri Jun 26 22:10:40 1998
   Repository revision:  1.11    /home/egse/CVS/icu/fm/oper/tmq.adb,v
File: tmq.ads            Status: Up-to-date
   Working revision:     1.5     Fri May  1 12:51:24 1998
   Repository revision:  1.5     /home/egse/CVS/icu/fm/oper/tmq.ads,v
File: types.ads          Status: Up-to-date
   Working revision:     1.1     Thu Oct 16 15:56:10 1997
   Repository revision:  1.1     /home/egse/CVS/icu/fm/oper/types.ads,v
```

5. DPU CODE

CVS repository: UCSB
CVS module: white
CVS tag: fm_dorn_ist_patch1

File: README Status: Up-to-date
  Working revision: 1.1 Mon Mar 6 18:54:59 1995
  Repository revision: 1.1 /home/xmmom/cvs/master/white/README,v
File: white.asm Status: Up-to-date
  Working revision: 1.25 Wed Sep 23 22:25:47 1998
  Repository revision: 1.25 /home/xmmom/cvs/master/white/src/asm/white.asm,v
File: cwhite.c Status: Up-to-date
  Working revision: 1.40 Wed Sep 23 22:27:55 1998
  Repository revision: 1.40 /home/xmmom/cvs/master/white/src/cc/cwhite.c,v
File: shared_io_functions.c Status: Up-to-date
  Working revision: 1.23 Sat Sep 12 16:35:26 1998
  Repository revision: 1.23 /home/xmmom/cvs/master/white/src/cc/shared_io_functions.c,v
File: shared_variables.c Status: Up-to-date
  Working revision: 1.16 Sat Mar 21 02:03:19 1998
  Repository revision: 1.16 /home/xmmom/cvs/master/white/src/cc/shared_variables.c,v
File: su_calbgd.c Status: Up-to-date
  Working revision: 1.23 Thu May 28 04:41:22 1998
  Repository revision: 1.23 /home/xmmom/cvs/master/white/src/cc/su_calbgd.c,v
File: su_caldrft.c Status: Up-to-date
  Working revision: 1.22 Sat Sep 12 15:57:02 1998
  Repository revision: 1.22 /home/xmmom/cvs/master/white/src/cc/su_caldrft.c,v
File: su_compress.c Status: Up-to-date
  Working revision: 1.11 Thu Jul 9 17:30:28 1998
  Repository revision: 1.11 /home/xmmom/cvs/master/white/src/cc/su_compress.c,v
File: su_deliverdata.c Status: Up-to-date
  Working revision: 1.37 Sat Sep 12 16:35:28 1998
  Repository revision: 1.37 /home/xmmom/cvs/master/white/src/cc/su_deliverdata.c,v
File: su_dowindow.c Status: Up-to-date
  Working revision: 1.27 Tue Sep 22 05:38:09 1998
  Repository revision: 1.27 /home/xmmom/cvs/master/white/src/cc/su_dowindow.c,v
File: su_dpuabort.c Status: Up-to-date
  Working revision: 1.10 Sat Aug 3 13:47:46 1996
  Repository revision: 1.10 /home/xmmom/cvs/master/white/src/cc/su_dpuabort.c,v
File: su_engineering.c Status: Up-to-date
  Working revision: 1.10 Thu May 28 04:41:34 1998
  Repository revision: 1.10 /home/xmmom/cvs/master/white/src/cc/su_engineering.c,v
File: su_getref.c Status: Up-to-date
  Working revision: 1.20 Thu May 28 04:41:36 1998
  Repository revision: 1.20 /home/xmmom/cvs/master/white/src/cc/su_getref.c,v
File: su_init_exp.c Status: Up-to-date
  Working revision: 1.9 Sat Sep 19 10:07:21 1998
  Repository revision: 1.9 /home/xmmom/cvs/master/white/src/cc/su_init_exp.c,v
File: su_initialize.c Status: Up-to-date
  Working revision: 1.30 Sat Sep 19 10:07:21 1998
  Repository revision: 1.30 /home/xmmom/cvs/master/white/src/cc/su_initialize.c,v
File: su_locategs.c Status: Up-to-date
  Working revision: 1.21 Thu May 28 04:41:39 1998
  Repository revision: 1.21 /home/xmmom/cvs/master/white/src/cc/su_locategs.c,v
File: su_makeags_id.c Status: Up-to-date
  Working revision: 1.17 Tue Sep 9 15:19:41 1997
  Repository revision: 1.17 /home/xmmom/cvs/master/white/src/cc/su_makeags_id.c,v
File: su_restore_stars.c Status: Up-to-date
  Working revision: 1.22 Thu May 28 04:41:42 1998
  Repository revision: 1.22 /home/xmmom/cvs/master/white/src/cc/su_restore_stars.c,v
File: su_rtrd.c Status: Up-to-date
  Working revision: 1.2 Thu May 28 04:41:43 1998

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   Repository revision:  1.2   /home/xmmom/cvs/master/white/src/cc/su_rtrd.c,v
File: su_scanbs.c        Status: Up-to-date
   Working revision:     1.25  Thu May 28 04:41:45 1998
   Repository revision:  1.25  /home/xmmom/cvs/master/white/src/cc/su_scanbs.c,v
File: su_scangs.c        Status: Up-to-date
   Working revision:     1.24  Thu May 28 04:41:48 1998
   Repository revision:  1.24  /home/xmmom/cvs/master/white/src/cc/su_scangs.c,v
File: su_submit_cmprss_q.c       Status: Up-to-date
   Working revision:     1.4   Thu May 28 04:41:50 1998
   Repository revision:  1.4   /home/xmmom/cvs/master/white/src/cc/su_submit_cmprss_q.c,v
File: sun_util.c         Status: Up-to-date
   Working revision:     1.27  Wed Sep 23 22:29:31 1998
   Repository revision:  1.27  /home/xmmom/cvs/master/white/src/cc/sun_util.c,v
File: whitedsp.c         Status: Up-to-date
   Working revision:     1.53  Wed Sep 23 22:33:53 1998
   Repository revision:  1.53  /home/xmmom/cvs/master/white/src/cc/whitedsp.c,v
File: white_crt056y.asm  Status: Up-to-date
   Working revision:     1.1   Mon Dec  5 19:43:41 1994
   Repository revision:  1.1   /home/xmmom/cvs/master/white/src/crt/white_crt056y.asm,v
```

CVS repository: UCSB
CVS module: blue
CVS tag: fm_dorn_ist_patch1

File: blue.asm Status: Up-to-date
Working revision: 1.23 Wed Sep 23 22:23:37 1998
Repository revision: 1.23 /home/xmmom/cvs/master/blue/src/blue.asm,v

CVS repository: UCSB
CVS module: red
CVS tag: fm_dorn_ist_patch1

File: red.asm Status: Up-to-date
Working revision: 1.11 Wed Sep 23 22:45:43 1998
Repository revision: 1.11 /home/xmmom/cvs/master/red/src/asm/red.asm,v
File: README Status: Up-to-date
Working revision: 1.2 Mon Mar 6 18:55:44 1995
Repository revision: 1.2 /home/xmmom/cvs/master/red/src/cc/README,v
File: cred.c Status: Up-to-date
Working revision: 1.9 Wed Sep 23 22:38:20 1998
Repository revision: 1.9 /home/xmmom/cvs/master/red/src/cc/cred.c,v
File: reddsp.c Status: Up-to-date
Working revision: 1.17 Wed Sep 23 22:37:40 1998
Repository revision: 1.17 /home/xmmom/cvs/master/red/src/cc/reddsp.c,v
File: sun_hopper.c Status: Up-to-date
Working revision: 1.2 Thu Jan 11 21:06:35 1996
Repository revision: 1.2 /home/xmmom/cvs/master/red/src/cc/sun_hopper.c,v
File: red_crt056y.asm Status: Up-to-date
Working revision: 1.2 Mon Dec 5 20:08:37 1994
Repository revision: 1.2 /home/xmmom/cvs/master/red/src/crt/red_crt056y.asm,v

CVS repository: UCSB
CVS module: include
CVS tag: fm_dorn_ist_patch1

File: FecCode.asm Status: Up-to-date
Working revision: 1.6 Wed Sep 23 22:21:04 1998
Repository revision: 1.6 /home/xmmom/cvs/master/include/FecCode.asm,v
File: FecTab.asm Status: Up-to-date
Working revision: 1.2 Fri Sep 11 16:46:07 1998
Repository revision: 1.2 /home/xmmom/cvs/master/include/FecTab.asm,v
File: README Status: Up-to-date
Working revision: 1.1.1.1 Mon Dec 5 15:16:28 1994
Repository revision: 1.1.1.1 /home/xmmom/cvs/master/include/README,v
File: Readme.ps Status: Up-to-date
Working revision: 1.2 Wed Sep 13 20:12:16 1995
Repository revision: 1.2 /home/xmmom/cvs/master/include/Readme.ps,v
File: cred.h Status: Up-to-date
Working revision: 1.6 Wed Sep 23 22:21:06 1998
Repository revision: 1.6 /home/xmmom/cvs/master/include/cred.h,v
File: cwhite.h Status: Up-to-date
Working revision: 1.9 Thu Jul 9 17:27:21 1998
Repository revision: 1.9 /home/xmmom/cvs/master/include/cwhite.h,v
File: dpu_util.h Status: Up-to-date
Working revision: 1.8 Thu Jun 13 17:11:31 1996
Repository revision: 1.8 /home/xmmom/cvs/master/include/dpu_util.h,v
File: dpucfg_map.h Status: Up-to-date
Working revision: 1.10 Wed Sep 23 22:21:06 1998
Repository revision: 1.10 /home/xmmom/cvs/master/include/dpucfg_map.h,v
File: global_access.c Status: Up-to-date
Working revision: 1.11 Thu Sep 3 06:46:42 1998
Repository revision: 1.11 /home/xmmom/cvs/master/include/global_access.c,v
File: hopper.asm Status: Up-to-date
Working revision: 1.1 Thu May 28 17:05:21 1998
Repository revision: 1.1 /home/xmmom/cvs/master/include/hopper.asm,v
File: idiot.h Status: Up-to-date
Working revision: 1.19 Sat Mar 21 02:02:47 1998
Repository revision: 1.19 /home/xmmom/cvs/master/include/idiot.h,v
File: macro.h Status: Up-to-date
Working revision: 1.4 Thu Jan 11 23:42:08 1996
Repository revision: 1.4 /home/xmmom/cvs/master/include/macro.h,v
File: mic_restore_params.h Status: Up-to-date
Working revision: 1.4 Thu Jan 11 23:42:09 1996
Repository revision: 1.4 /home/xmmom/cvs/master/include/mic_restore_params.h,v
File: nop.asm Status: Up-to-date
Working revision: 1.1 Thu May 28 17:05:21 1998
Repository revision: 1.1 /home/xmmom/cvs/master/include/nop.asm,v
File: our_own_types.h Status: Up-to-date
Working revision: 1.9 Sat Aug 3 13:55:08 1996
Repository revision: 1.9 /home/xmmom/cvs/master/include/our_own_types.h,v
File: red.h Status: Up-to-date
Working revision: 1.6 Wed Sep 23 22:21:07 1998
Repository revision: 1.6 /home/xmmom/cvs/master/include/red.h,v
File: red_buffers.h Status: Up-to-date
Working revision: 1.2 Fri Feb 17 17:11:39 1995
Repository revision: 1.2 /home/xmmom/cvs/master/include/red_buffers.h,v
File: red_control.h Status: Up-to-date
Working revision: 1.6 Tue Sep 9 15:23:04 1997
Repository revision: 1.6 /home/xmmom/cvs/master/include/red_control.h,v
File: red_crt0_equ.h Status: Up-to-date
Working revision: 1.2 Fri Feb 17 17:11:42 1995
Repository revision: 1.2 /home/xmmom/cvs/master/include/red_crt0_equ.h,v
File: red_default.h Status: Up-to-date
Working revision: 1.10 Sat Sep 12 15:22:42 1998

```
  Repository revision:  1.10  /home/xmmom/cvs/master/include/red_default.h,v
File: red_os_variables.h  Status: Up-to-date
  Working revision:     1.6   Sat Sep 19 10:01:06 1998
  Repository revision:  1.6   /home/xmmom/cvs/master/include/red_os_variables.h,v
File: red_shared_variables.h      Status: Up-to-date
  Working revision:     1.7   Sat Sep 19 10:01:06 1998
  Repository revision:  1.7   /home/xmmom/cvs/master/include/red_shared_variables.h,v
File: red_static_variables.h      Status: Up-to-date
  Working revision:     1.8   Sat Sep 19 10:01:07 1998
  Repository revision:  1.8   /home/xmmom/cvs/master/include/red_static_variables.h,v
File: sci_com.h           Status: Up-to-date
  Working revision:     1.9   Thu Sep  3 06:46:44 1998
  Repository revision:  1.9   /home/xmmom/cvs/master/include/sci_com.h,v
File: sci_ram.h           Status: Up-to-date
  Working revision:     1.2   Fri Feb 17 17:11:48 1995
  Repository revision:  1.2   /home/xmmom/cvs/master/include/sci_ram.h,v
File: setup.h             Status: Up-to-date
  Working revision:     1.5   Sat Mar 21 02:02:49 1998
  Repository revision:  1.5   /home/xmmom/cvs/master/include/setup.h,v
File: sim_blue_local_ram.h        Status: Up-to-date
  Working revision:     1.5   Wed Mar 20 18:55:02 1996
  Repository revision:  1.5   /home/xmmom/cvs/master/include/sim_blue_local_ram.h,v
File: sun_util.h          Status: Up-to-date
  Working revision:     1.5   Thu Jun 13 17:11:34 1996
  Repository revision:  1.5   /home/xmmom/cvs/master/include/sun_util.h,v
File: vbtwl.def           Status: Up-to-date
  Working revision:     1.3   Mon Jul 15 17:58:37 1996
  Repository revision:  1.3   /home/xmmom/cvs/master/include/vbtwl.def,v
File: vbtwl.h             Status: Up-to-date
  Working revision:     1.3   Mon Jul 15 17:58:38 1996
  Repository revision:  1.3   /home/xmmom/cvs/master/include/vbtwl.h,v
File: white.h             Status: Up-to-date
  Working revision:     1.14  Thu Sep  3 06:46:45 1998
  Repository revision:  1.14  /home/xmmom/cvs/master/include/white.h,v
File: white_buffers.h     Status: Up-to-date
  Working revision:     1.3   Sat Mar 21 02:02:50 1998
  Repository revision:  1.3   /home/xmmom/cvs/master/include/white_buffers.h,v
File: white_control.h     Status: Up-to-date
  Working revision:     1.10  Thu May 28 04:39:59 1998
  Repository revision:  1.10  /home/xmmom/cvs/master/include/white_control.h,v
File: white_crt0_equ.h    Status: Up-to-date
  Working revision:     1.2   Sat Mar 21 02:02:51 1998
  Repository revision:  1.2   /home/xmmom/cvs/master/include/white_crt0_equ.h,v
File: white_default.h     Status: Up-to-date
  Working revision:     1.13  Thu Sep  3 06:46:46 1998
  Repository revision:  1.13  /home/xmmom/cvs/master/include/white_default.h,v
File: white_os_variables.h Status: Up-to-date
  Working revision:     1.6   Thu Jul  9 17:27:28 1998
  Repository revision:  1.6   /home/xmmom/cvs/master/include/white_os_variables.h,v
File: white_shared_variables.h    Status: Up-to-date
  Working revision:     1.14  Thu May 28 04:40:02 1998
  Repository revision:  1.14  /home/xmmom/cvs/master/include/white_shared_variables.h,v
File: white_static_variables.h    Status: Up-to-date
  Working revision:     1.14  Thu May 28 04:40:03 1998
  Repository revision:  1.14  /home/xmmom/cvs/master/include/white_static_variables.h,v
File: xmmom_Test_Stack.asm        Status: Up-to-date
  Working revision:     1.2   Tue Sep  9 15:23:09 1997
  Repository revision:  1.2   /home/xmmom/cvs/master/include/xmmom_Test_Stack.asm,v
File: xmmom_std.asm       Status: Up-to-date
  Working revision:     1.5   Thu Sep  3 06:46:47 1998
  Repository revision:  1.5   /home/xmmom/cvs/master/include/xmmom_std.asm,v
```

CVS repository: UCSB
CVS module: util
CVS tag: fm_dorn_ist_patch1

File: asm_headers Status: Up-to-date
Working revision: 1.2 Fri Feb 20 23:33:17 1998
Repository revision: 1.2 /home/xmmom/cvs/master/dpu/util/bin/asm_headers,v
File: csh0_headers Status: Up-to-date
Working revision: 1.1 Tue Sep 9 16:51:04 1997
Repository revision: 1.1 /home/xmmom/cvs/master/dpu/util/bin/csh0_headers,v
File: csh_headers Status: Up-to-date
Working revision: 1.1 Tue Sep 9 16:51:04 1997
Repository revision: 1.1 /home/xmmom/cvs/master/dpu/util/bin/csh_headers,v
File: get_base Status: Up-to-date
Working revision: 1.3 Wed Sep 16 21:44:53 1998
Repository revision: 1.3 /home/xmmom/cvs/master/dpu/util/bin/get_base,v
File: get_psize Status: Up-to-date
Working revision: 1.1 Tue Sep 9 16:42:53 1997
Repository revision: 1.1 /home/xmmom/cvs/master/dpu/util/bin/get_psize,v
File: make_loader_lut Status: Up-to-date
Working revision: 1.2 Fri Feb 20 23:33:18 1998
Repository revision: 1.2 /home/xmmom/cvs/master/dpu/util/bin/make_loader_lut,v
File: makebdsp Status: Up-to-date
Working revision: 1.4 Mon Jul 13 00:26:00 1998
Repository revision: 1.4 /home/xmmom/cvs/master/dpu/util/bin/makebdsp,v
File: makebootrom Status: Up-to-date
Working revision: 1.2 Fri Feb 20 23:33:19 1998
Repository revision: 1.2 /home/xmmom/cvs/master/dpu/util/bin/makebootrom,v
File: makedsp Status: Up-to-date
Working revision: 1.6 Sat Sep 19 09:13:52 1998
Repository revision: 1.6 /home/xmmom/cvs/master/dpu/util/bin/makedsp,v
File: makerdsp Status: Up-to-date
Working revision: 1.5 Mon Jul 13 00:26:02 1998
Repository revision: 1.5 /home/xmmom/cvs/master/dpu/util/bin/makerdsp,v
File: makewdsp Status: Up-to-date
Working revision: 1.4 Mon Jul 13 00:26:02 1998
Repository revision: 1.4 /home/xmmom/cvs/master/dpu/util/bin/makewdsp,v
File: recover_cmd Status: Up-to-date
Working revision: 1.1 Tue Sep 9 16:32:00 1997
Repository revision: 1.1 /home/xmmom/cvs/master/dpu/util/bin/recover_cmd,v
File: strip_cmd Status: Up-to-date
Working revision: 1.1 Tue Sep 9 16:32:00 1997
Repository revision: 1.1 /home/xmmom/cvs/master/dpu/util/bin/strip_cmd,v
File: vsw_headers Status: Up-to-date
Working revision: 1.1 Tue Sep 9 16:51:05 1997
Repository revision: 1.1 /home/xmmom/cvs/master/dpu/util/bin/vsw_headers,v
File: Makefile_asm_headers Status: Up-to-date
Working revision: 1.3 Sat Sep 19 09:06:35 1998
Repository revision: 1.3 /home/xmmom/cvs/master/dpu/util/src/Makefile_asm_headers,v
File: Makefile_blue Status: Up-to-date
Working revision: 1.6 Mon Jul 13 00:25:30 1998
Repository revision: 1.6 /home/xmmom/cvs/master/dpu/util/src/Makefile_blue,v
File: Makefile_red Status: Up-to-date
Working revision: 1.2 Thu Jul 9 17:36:08 1998
Repository revision: 1.2 /home/xmmom/cvs/master/dpu/util/src/Makefile_red,v
File: Makefile_red_bios Status: Up-to-date
Working revision: 1.5 Sat Sep 19 10:21:52 1998
Repository revision: 1.5 /home/xmmom/cvs/master/dpu/util/src/Makefile_red_bios,v
File: Makefile_red_cmd Status: Up-to-date
Working revision: 1.11 Mon Jul 13 00:25:31 1998
Repository revision: 1.11 /home/xmmom/cvs/master/dpu/util/src/Makefile_red_cmd,v
File: Makefile_red_su Status: Up-to-date
Working revision: 1.3 Wed Mar 20 19:20:15 1996

```
   Repository revision:    1.3    /home/xmmom/cvs/master/dpu/util/src/Makefile_red_su,v
File: Makefile_srec        Status: Up-to-date
   Working revision:       1.7    Sat Sep 19 10:22:38 1998
   Repository revision:    1.7    /home/xmmom/cvs/master/dpu/util/src/Makefile_srec,v
File: Makefile_total_size  Status: Up-to-date
   Working revision:       1.1    Wed Sep 13 20:11:40 1995
   Repository revision:    1.1    /home/xmmom/cvs/master/dpu/util/src/Makefile_total_size,v
File: Makefile_white       Status: Up-to-date
   Working revision:       1.3    Thu Jul  9 17:36:09 1998
   Repository revision:    1.3    /home/xmmom/cvs/master/dpu/util/src/Makefile_white,v
File: Makefile_white_bios  Status: Up-to-date
   Working revision:       1.4    Thu Jun 13 17:15:26 1996
   Repository revision:    1.4    /home/xmmom/cvs/master/dpu/util/src/Makefile_white_bios,v
File: Makefile_white_boot  Status: Up-to-date
   Working revision:       1.3    Wed Mar 20 19:20:18 1996
   Repository revision:    1.3    /home/xmmom/cvs/master/dpu/util/src/Makefile_white_boot,v
File: Makefile_white_cmd   Status: Up-to-date
   Working revision:       1.12   Mon Jul 13 00:25:32 1998
   Repository revision:    1.12   /home/xmmom/cvs/master/dpu/util/src/Makefile_white_cmd,v
File: Makefile_white_su    Status: Up-to-date
   Working revision:       1.8    Tue Sep  9 17:01:17 1997
   Repository revision:    1.8    /home/xmmom/cvs/master/dpu/util/src/Makefile_white_su,v
File: loader.lut.template  Status: Up-to-date
   Working revision:       1.1    Sun Mar 22 23:02:36 1998
   Repository revision:    1.1    /home/xmmom/cvs/master/dpu/util/src/loader.lut.template,v
File: loader.lut.w         Status: Up-to-date
   Working revision:       1.1    Sun Mar 22 23:02:37 1998
   Repository revision:    1.1    /home/xmmom/cvs/master/dpu/util/src/loader.lut.w,v
File: red_link_loc.ctl     Status: Up-to-date
   Working revision:       1.3    Mon May 13 22:41:26 1996
   Repository revision:    1.3    /home/xmmom/cvs/master/dpu/util/src/red_link_loc.ctl,v
File: srec.doc             Status: Up-to-date
   Working revision:       1.1    Tue Jan  4 16:51:46 1994
   Repository revision:    1.1    /home/xmmom/cvs/master/dpu/util/src/srec.doc,v
File: white_link_loc.ctl   Status: Up-to-date
   Working revision:       1.1    Sun Dec  4 20:11:42 1994
   Repository revision:    1.1    /home/xmmom/cvs/master/dpu/util/src/white_link_loc.ctl,v
File: blue_split.c         Status: Up-to-date
   Working revision:       1.2    Sat Feb 19 00:14:41 1994
   Repository revision:    1.2    /home/xmmom/cvs/master/dpu/util/src/cc/blue_split.c,v
File: boot_split.c         Status: Up-to-date
   Working revision:       1.1    Mon May 13 19:51:33 1996
   Repository revision:    1.1    /home/xmmom/cvs/master/dpu/util/src/cc/boot_split.c,v
File: cal_checksum.c       Status: Up-to-date
   Working revision:       1.1    Tue Mar 31 19:37:32 1998
   Repository revision:    1.1    /home/xmmom/cvs/master/dpu/util/src/cc/cal_checksum.c,v
File: change_bit.c         Status: Up-to-date
   Working revision:       1.1    Sat Sep 19 10:20:34 1998
   Repository revision:    1.1    /home/xmmom/cvs/master/dpu/util/src/cc/change_bit.c,v
File: cmnder.c             Status: Up-to-date
   Working revision:       1.4    Fri May 10 22:34:57 1996
   Repository revision:    1.4    /home/xmmom/cvs/master/dpu/util/src/cc/cmnder.c,v
File: create_loader_lut.c  Status: Up-to-date
   Working revision:       1.7    Thu Jul  9 17:36:55 1998
   Repository revision:    1.7    /home/xmmom/cvs/master/dpu/util/src/cc/create_loader_lut.c,v
File: sizetest.c           Status: Up-to-date
   Working revision:       1.1    Sun Dec  4 20:13:24 1994
   Repository revision:    1.1    /home/xmmom/cvs/master/dpu/util/src/cc/sizetest.c,v
File: srec.c               Status: Up-to-date
   Working revision:       1.1    Tue Jan  4 16:52:30 1994
   Repository revision:    1.1    /home/xmmom/cvs/master/dpu/util/src/cc/srec.c,v
File: strip_lod.wo_fec     Status: Up-to-date
   Working revision:       1.3    Thu May 28 20:04:44 1998
```

```
   Repository revision:    1.3     /home/xmmom/cvs/master/dpu/util/src/cc/strip_lod.wo_fec,v
File: strip_lod_wfec.c     Status: Up-to-date
   Working revision:       1.1     Fri Feb 20 23:33:47 1998
   Repository revision:    1.1     /home/xmmom/cvs/master/dpu/util/src/cc/strip_lod_wfec.c,v
File: strip_lod_wofec.c    Status: Up-to-date
   Working revision:       1.1     Fri Feb 20 23:33:48 1998
   Repository revision:    1.1     /home/xmmom/cvs/master/dpu/util/src/cc/strip_lod_wofec.c,v
File: aouthdr.h            Status: Up-to-date
   Working revision:       1.1     Tue Jan  4 16:53:06 1994
   Repository revision:    1.1     /home/xmmom/cvs/master/dpu/util/src/include/aouthdr.h,v
File: coreaddr.h           Status: Up-to-date
   Working revision:       1.1     Tue Jan  4 16:53:07 1994
   Repository revision:    1.1     /home/xmmom/cvs/master/dpu/util/src/include/coreaddr.h,v
File: dspext.h             Status: Up-to-date
   Working revision:       1.1     Tue Jan  4 16:53:08 1994
   Repository revision:    1.1     /home/xmmom/cvs/master/dpu/util/src/include/dspext.h,v
File: fect.h          Status: Up-to-date
   Working revision:       1.1     Sun Mar 22 23:09:39 1998
   Repository revision:    1.1     /home/xmmom/cvs/master/dpu/util/src/include/fect.h,v
File: filehdr.h            Status: Up-to-date
   Working revision:       1.1     Tue Jan  4 16:53:08 1994
   Repository revision:    1.1     /home/xmmom/cvs/master/dpu/util/src/include/filehdr.h,v
File: forErrorCorrTable.h  Status: Up-to-date
   Working revision:       1.1     Sun Mar 22 23:09:40 1998
   Repository revision:    1.1     /home/xmmom/cvs/master/dpu/util/src/include/forErrorCorrTable.h,v
File: linenum.h            Status: Up-to-date
   Working revision:       1.1     Tue Jan  4 16:53:09 1994
   Repository revision:    1.1     /home/xmmom/cvs/master/dpu/util/src/include/linenum.h,v
File: maout.h              Status: Up-to-date
   Working revision:       1.1     Tue Jan  4 16:53:10 1994
   Repository revision:    1.1     /home/xmmom/cvs/master/dpu/util/src/include/maout.h,v
File: reloc.h              Status: Up-to-date
   Working revision:       1.1     Tue Jan  4 16:53:11 1994
   Repository revision:    1.1     /home/xmmom/cvs/master/dpu/util/src/include/reloc.h,v
File: scnhdr.h             Status: Up-to-date
   Working revision:       1.1     Tue Jan  4 16:53:12 1994
   Repository revision:    1.1     /home/xmmom/cvs/master/dpu/util/src/include/scnhdr.h,v
File: srec.h               Status: Up-to-date
   Working revision:       1.2     Tue Sep  9 15:25:45 1997
   Repository revision:    1.2     /home/xmmom/cvs/master/dpu/util/src/include/srec.h,v
File: storclas.h           Status: Up-to-date
   Working revision:       1.1     Tue Jan  4 16:53:14 1994
   Repository revision:    1.1     /home/xmmom/cvs/master/dpu/util/src/include/storclas.h,v
File: storcls.h            Status: Up-to-date
   Working revision:       1.1     Tue Jan  4 16:53:15 1994
   Repository revision:    1.1     /home/xmmom/cvs/master/dpu/util/src/include/storcls.h,v
File: syms.h               Status: Up-to-date
   Working revision:       1.1     Tue Jan  4 16:53:16 1994
   Repository revision:    1.1     /home/xmmom/cvs/master/dpu/util/src/include/syms.h,v
```

6. LOADABLE CODE

ICU code

MD5 checksums and file sizes for loadable code:

```
ef2d52af8a7e9f0fd3a24fdc98a955fc  icu.hex
-rw-r--r--  1 heh      xray       607419 Sep 23 10:52 icu.hex
```

DPU code

MD5 checksums and file sizes for loadable code:

```
cf1d166e45a3e44bee08b9a54a30a4bb        blue_p3.cmd.0
c5a5ad582a09564558e6faf5e8d082b8        p0.cmd.0
13c706605a9d68a6674897a96813c2c3        p5.cmd.0
63430d6a302fa9fc6d987c0b5b080526        p7.cmd.0

-rw-r--r--  1 pjs1     staff       14560 Sep 23 16:59 blue_p3.cmd.0
-rw-r--r--  1 pjs1     staff      341160 Sep 23 16:58 p0.cmd.0
-rw-r--r--  1 pjs1     staff       85040 Sep 23 16:59 p5.cmd.0
-rw-r--r--  1 pjs1     staff      101280 Sep 23 16:58 p7.cmd.0
```