**ADST**
 **Version Description Document**
 for the
 **BDS-D**
 **Digital Message Communications Console 1.0.0 (CSCI 11)**

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Distribution Unlimited

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The Version Description Document outlines the components included for the initial software release of the BDS-D 1.0.0 Digital Message Communications Console (DMCC).
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1. Scope

This Version Description Document (VDD) contains a functional description of the BDS-D Digital Message Communications Console (DMCC) 1.0.0. All modules in this release are identified by version number, a set of build instructions, installation procedures, identification of known problems, release notes and any essential data relationships that are a part of this release.

1.1 Identification

This VDD defines the 1 April 1993 initial release of the Digital Message Communications Console (DMCC), release version BDS-D DMCC 1.0.0.

1.2 System Overview

The Digital Message Communications System allows for simulated battlefield digital communications between vehicle and stationary simulators. It is a OSF-Motif®, X-Windows based, event driven, client-server package which allows up to eight simulation entities to participate in digital communications for each Sun Microsystems SPARC-10 workstation. Digital messages are transmitted over the SIMNET network using a custom set of protocol data units dedicated to digital messages.

1.3 Document Overview

This document was prepared in accordance with DID-DI-MCCR-80013A of DOD-STD-2167A and defines the 1 April 1993 release of the DMCC software, Version BDS-D DMCC 1.0.0. This release contains the initial software capture of the DMCC source.
2. Referenced and Related Documents

2.1 Government Documents

2.2 Non-Governments
ADST/WDL/TR--92-00640-YR1 Advanced Distributed Simulation Technology System Definition Document, 28 October 1992
ADST/WDL/TR--92-003023 ADST Configuration Management Plan, 15 January 1993
ADST/WDL/TR--93-003047 DMCC Cold Start Procedures, 7 May 1993
3. Version Description

Version BDS-D of the Digital Message Communications Console (DMCC) 1.0.0 is to be installed at the US Army Aviation Test Bed at Fort Rucker, Alabama. This version is not intended for use at any other site or location.

3.1 Inventory of Materials Released

Listed below is the physical media and the support documentation required to build, load and operate the Digital Message Communications Console system. The DMCC release version BDS-D DMCC 1.0.0 consists of all the source code needed to build the system, the executable and the data files required to run on the DMCC Sparc-10 workstation and Wyse X-terminals.

<table>
<thead>
<tr>
<th>Type</th>
<th>ID No.</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC 6150 Tape</td>
<td></td>
<td>BDS-D DMCC 1.0.0 (Src &amp; Exe)</td>
</tr>
<tr>
<td>DC 6150 Tape</td>
<td></td>
<td>BDS-D DMCC 1.0.0 (Exe)</td>
</tr>
<tr>
<td>Document</td>
<td>ADST/WDL/TR--93-003047</td>
<td>DMCC Cold Start Procedures</td>
</tr>
</tbody>
</table>

3.2 Inventory of CSCI Contents.

Appendix A provides a listing of all DMCC CSCI source files which were used to create release BDS-D DMCC 1.0.0. All source files reside on the Configuration Management and Control Sun Sparc workstation and are configuration controlled using the Revision Control System (RCS).

3.3 Changes Installed

Release of version BDS-D DMCC 1.0.0 captures the initial turnover of the software product baseline. This is the first release of the DMCC and no changes have been made as part of this release.

3.4 Adaptation Data

The DMCC CSCI uses one adaptation data file which contains an integer. This integer expresses the difference in minutes between Local Time and Zulu Time.

Name: 
"/tmp/dmcc_timezone_offset"

Format: 
Contains a single integer value at the beginning of the file

Location: 
Maintained in temporary files directory: /tmp

Description: 
The dmcc_timezone_offset file is a block oriented file containing a single integer. The contents of the file are ascii readable. The value represents the number of minutes that local time is ahead of GMT (that is, the number of minutes to be subtracted from local time to
obtain GMT); if the value is negative, then the value represents the number of minutes local is behind GMT. The acronyms Zulu and GMT are synonyms.

A file called /tmp/dmcc_timezone_offset contains an integer which is used by the DMCC software to convert local time entries to Zulu time for transmission of digital messages under the DMCC protocol. This integer represents the number of minutes which local time is ahead of Zulu time. Fort Rucker is in the Central United States time zone, which, during Standard time (winter) is six hours behind zulu time, so the integer is \((-6) \times (60) = -360\). During Daylight Time (summer) Fort Rucker is five hours behind Zulu, so the integer should be changed to \((-5) \times (60) = -300\).

\[ \text{GMT} = \text{ZULU}. \]

3.4.1 Cold Start Procedures

The separate DMCC Cold Start Procedure (CSP), document no.: ADST/WDL/TR--93-003047, provides detailed cold start instructions for the BDS-D DMCC 1.0.0 release.

3.4.2 Build and Distribution Instructions

There are six subdirectories under the DMCC CM environment on the Sun Sparc 10 machine. The DMCC subdirectories are listed below:

1. DMS
2. netif
3. pdu_decode
4. include
5. object
6. gui
7. bin

Each DMCC subdirectory contains the source files for building the executable code. The DMS, netif, gui, and pdu_decode subdirectories have their own makefile for building the executable code. These makefiles use the "*.h" files from the include directory, put the "*.o" files in the object directory, and finally create the executables in the bin directory.

3.4.2.1 Building the DMCC Using a Script File

To build the DMCC executables using a build script, follow the DMCC build instructions listed below. (Note: Step 1 forces a complete recompile and link of all files and Step 2 updates only the obsolete files).

1. Change directory to dmcc/ and run the file buildit with the following command: (This command forces a complete recompile and relink of all files). 
   
   \[
   \text{buildit clean} \& \& \text{buildit.log} \\
   \text{This runs the command in background and writes informational and error messages to the file buildit.log.}
   \]

2. To update the DMCC, change directory to dmcc/ and execute the following command: (This command compiles and links obsolete files).

   \[
   \text{buildit} \& \& \text{buildit.log} \\
   \text{This runs the command in background and writes informational and error messages to the file buildit.log.}
   \]
3. Buildit creates the following log files for each makefile ($date in the filename is the build date, month and day):
   DMS.$date
   netif.$date
   pdu_decode.$date
   gui.$date

   All output files must be reviewed for errors and warnings. If a fatal error occurs the build will abort and the executables will not be created.

4. Object files for DMS, dmcc_sim_tx, dmcc_sim_rx, and pdu_decode routines are placed in the dmcc/object directory. Object files for the dmcc (the X-window application) are placed in the dmcc/gui/bin directory. All executables are placed in the dmcc/bin directory.

5. The executables that are created from a successful compilation and link are listed below and are stored in the dmcc/bin directory.

   dms - digital message server
   rxlat - test driver (receives message server interface library)
   txlat - test driver (sends messages to DMS)
   xc - test driver (emulates X-window operator interface = gui)
   dmcc_sim_rx - network interface program - receive PDUs from SIMNET
   dmcc_sim_tx - network interface program - transmit PDUs to SIMNET
   decode_test - displays message buffer that is returned from each decoder
   dmcc - X-window operator interface executable

   The executables that are created from a successful compilation and link are listed below and are stored in the dmcc directory.

   .xsession
dmcc-ops

3.4.3 Regression Test

Please refer to the initial developmental functional qualification tests contained in the DMCC Software Design Document; document number ADST/WDL/TR-93--003036.

3.4.4 Release Notes

No release notes are available for the BDS-D DMCC 1.0.0 application since this is the initial software release.

3.5 Interface Compatibility

The Digital Message Communications Console is part of the ADST Airnet Aeromodel and Weapons Model Upgrade. Other components of this Delivery Order include

1. Upgrades to the Rotary Wing Aircraft weapons and flight models software.
2. Modifications to the Management Command and Control system to initialize, reconstitute and resupply the Comanche RAH-66 helicopter simulator.
3. Installation of new collectives in the RWA simulators at Fort Rucker.
4. Installation of communication "kill" hardware in the RWA simulators at Ft. Rucker.
3.6 Bibliography

See referenced and related documents in Section 2.

3.7 Summary of Changes

BDS-D DMCC 1.0.0 is the initial release of the Digital Message Communications Console and does not contain any changes.

3.8 Installation Instructions

The separate DMCC Cold Start Procedure, document no: ADST/WDL/TR--93-003047, provides detailed cold start and installation instructions for the BDS-D DMCC 1.0.0 release.

3.9 Possible Problems and Known Errors

Listed below are the known software problems that either have been worked and/or in progress.

<table>
<thead>
<tr>
<th>SP/CR</th>
<th>TITLE</th>
<th>STATUS</th>
<th>DISP</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>* 121</td>
<td>Xterm Bitmaps</td>
<td>OPEN</td>
<td>In Test</td>
<td>3/04/93</td>
</tr>
</tbody>
</table>

* SP/CR 121 was unable to be verified because it requires the use of a WYSE terminal which is not available at the WDL facility in San Jose, CA.
4 Notes

4.1 Abbreviations/Acronyms

The following is a list of acronyms used in this document.

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADST</td>
<td>Advanced Distributed Simulation Technology</td>
</tr>
<tr>
<td>AIRNET</td>
<td>AIRcraft simulation NETwork</td>
</tr>
<tr>
<td>BDS-D</td>
<td>Battlefield Distributed Simulation-Developmental</td>
</tr>
<tr>
<td>CSP</td>
<td>Cold Start Procedure</td>
</tr>
<tr>
<td>CDRL</td>
<td>Contract Data Requirements List</td>
</tr>
<tr>
<td>CMP</td>
<td>Configuration Management Plan</td>
</tr>
<tr>
<td>CSCI</td>
<td>Computer Software Configuration Item</td>
</tr>
<tr>
<td>DID</td>
<td>Data Item Description</td>
</tr>
<tr>
<td>DO</td>
<td>Delivery Order</td>
</tr>
<tr>
<td>DOD-STD</td>
<td>Department of Defense Standard</td>
</tr>
<tr>
<td>DMCC</td>
<td>Digital Message Communications Console</td>
</tr>
<tr>
<td>DMS</td>
<td>Digital Message Server</td>
</tr>
<tr>
<td>GMT</td>
<td>Greenwich Mean Time</td>
</tr>
<tr>
<td>GUI</td>
<td>Graphic User Interface</td>
</tr>
<tr>
<td>ICD</td>
<td>Interface Control Document</td>
</tr>
<tr>
<td>MCC</td>
<td>Management, Command and Control</td>
</tr>
<tr>
<td>PDU</td>
<td>Protocol Data Unit</td>
</tr>
<tr>
<td>RWA</td>
<td>Rotary Wing Aircraft</td>
</tr>
<tr>
<td>RCS</td>
<td>Revision Control System</td>
</tr>
<tr>
<td>SIMNET</td>
<td>Simulation Network</td>
</tr>
<tr>
<td>SP/CR</td>
<td>Software Problem Change Report</td>
</tr>
<tr>
<td>UNIX</td>
<td>Unix Operating System</td>
</tr>
<tr>
<td>VDD</td>
<td>Version Description Document</td>
</tr>
<tr>
<td>WDL</td>
<td>Western Development Lab</td>
</tr>
<tr>
<td>XDM</td>
<td>X-Windows Display Manager</td>
</tr>
<tr>
<td>ZULU</td>
<td>Another acronym for GMT</td>
</tr>
</tbody>
</table>
5. APPENDIX A - DMCC Source Listings

BDS-D DMCC 1.0.0 Prologue Description

The baseline code for BDS-D 1.0.0 DMCC is documented in listings attached to this Appendix. Starting at the top of the DMCC directory tree, a history of each file is produced from the Revision Control System (RCS) subdirectories. All baselined DMCC files are checked into the RCS subdirectory. RCS files (denoted by the ",v") and its corresponding working file make up each directory in the DMCC directory tree. Along with each filename is a brief description of the reason for the check in. For example, "Initial Turnover" documents the reason for checking the code into RCS. RCS automatically supplies a version number. Each file checked into RCS is given version number of 1.1. Version numbering is incremented in tenths (1.1, 1.2, 1.3, etc.,).

A snapshot of the code turnover was successfully built, tested and brought under LORAL configuration management control via RCS and assigned a release number of BDS-D DMCC 1.0.0. BDS-D DMCC 1.0.0 consists of all the source code required to produce the DMCC executables, and configuration and data files necessary to run the DMCC application.
T. McNerney's changes for spcrs 37, 38, 76, 78

Revision 1.4
Date: 1993/02/05 16:36:36; Author: cm-adst; State: Exp; Lines: +15 -9
P. DesMeules's change for spcrs 82 & 91

Revision 1.3
Date: 1993/01/15 22:53:31; Author: cm-adst; State: Exp; Lines: +10 -0
SP/CR 18 submitted by T. McNerney

Revision 1.2
Date: 1993/01/11 23:24:13; Author: cm-adst; State: Exp; Lines: +65 -17
P. DesMeules's changes for the DMCC build

Revision 1.1
Date: 1993/01/08 18:16:09; Author: cm-adst; State: Exp;
Initial Version

RCS file: /gui/include/RCS/formTrimPM.h,v
Working file: formTrimPM.h
Head: 1.2
Description:
Initial DMCC Turnover

Revision 1.2
Date: 1993/01/11 23:24:13; Author: cm-adst; State: Exp; Lines: +0 -5
P. DesMeules's changes for the DMCC build

Revision 1.1
Date: 1993/01/08 18:16:09; Author: cm-adst; State: Exp;
Initial Version

RCS file: /gui/include/RCS/freeTxtPM.h,v
Working file: freeTxtPM.h
Head: 1.2
Description:
Initial DMCC Turnover

Revision 1.2
Date: 1993/01/11 23:24:13; Author: cm-adst; State: Exp; Lines: +0 -5
P. DesMeules's changes for the DMCC build

Revision 1.1
Date: 1993/01/08 18:16:09; Author: cm-adst; State: Exp;
Initial Version

RCS file: /gui/include/RCS/groupListPM.h,v
Working file: groupListPM.h
Head: 1.2
Description:
Initial DMCC Turnover

Revision 1.2
Date: 1993/01/11 23:24:13; Author: cm-adst; State: Exp; Lines: +0 -5
P. DesMeules's changes for the DMCC build
| RCS file: ./gui/include/RCS/locListPM.h,v |
| Working file: locListPM.h |
| head: 1.2 |
| description: |
| Initial DMCC Turnover |

---

| RCS file: ./gui/include/RCS/movcmd.h,v |
| Working file: movcmd.h |
| head: 1.3 |
| description: |
| Initial DMCC Turnover |

---

| RCS file: ./gui/include/RCS/msg1PM.h,v |
| Working file: msg1PM.h |
| head: 1.2 |
| description: |
| Initial DMCC Turnover |

---

| RCS file: ./gui/include/RCS/msgReadPM.h,v |
| Working file: msgReadPM.h |
| head: 1.2 |
Working file: reportsPM.h
head: 1.2
description:
Initial DMCC Turnover

revision 1.2
date: 1993/01/11 23:24:13; author: cm-adst; state: Exp; lines: +0 -5
P. DesMeules's changes for the DMCC build

revision 1.1
date: 1993/01/08 18:16:09; author: cm-adst; state: Exp;
Initial Version

RCS file: /gui/include/RCS/reqt.h,v
Working file: reqt.h
head: 1.2
description:
Initial DMCC Turnover

revision 1.2
date: 1993/01/11 23:24:13; author: cm-adst; state: Exp; lines: +15 -5
P. DesMeules's changes for the DMCC build

revision 1.1
date: 1993/01/08 18:16:09; author: cm-adst; state: Exp;
Initial Version

RCS file: /gui/include/RCS/reqtTmi.h,v
Working file: reqtTmi.h
head: 1.1
description:
Initial DMCC Turnover

revision 1.1
date: 1993/01/12 00:13:08; author: cm-adst; state: Exp;
P. DesMeules new files for the DMCC build

RCS file: /gui/include/RCS/reuse.h,v
Working file: reuse.h
head: 1.1
description:
T. McNerney's initial turnover (spcr's 37,38,76,78)

revision 1.1
date: 1993/02/08 18:40:54; author: cm-adst; state: Exp;
T. McNerney's changes for spcrs 37,38, 76,78

RCS file: /gui/include/RCS/reuseTmi.h,v
Working file: reuseTmi.h
head: 1.1
description:
T. McNerney's initial turnover (spcr's 37,38,76,78)

revision 1.1
Initial DMCC Turnover

Revision 1.2
Date: 1993/01/11 23:24:13; Author: cm-adst; State: Exp; Lines: +0 -5
P. DesMeules' changes for the DMCC build

Revision 1.1
Date: 1993/01/08 18:16:09; Author: cm-adst; State: Exp
Initial Version

RCS file: ./gui/include/RCS/splash.h,v
Working file: splash.h
Head: 1.2
Description:
Initial DMCC Turnover

Revision 1.2
Date: 1993/01/11 23:24:13; Author: cm-adst; State: Exp; Lines: +0 -5
P. DesMeules' changes for the DMCC build

Revision 1.1
Date: 1993/01/08 18:16:09; Author: cm-adst; State: Exp
Initial Version

RCS file: ./gui/include/RCS/splashTmi.h,v
Working file: splashTmi.h
Head: 1.1
Description:
Initial DMCC Turnover

Revision 1.2
Date: 1993/01/11 23:24:13; Author: cm-adst; State: Exp; Lines: +0 -5
P. DesMeules' changes for the DMCC build

Revision 1.1
Date: 1993/01/08 18:16:09; Author: cm-adst; State: Exp
Initial Version

RCS file: ./gui/include/RCS/spot.h,v
Working file: spot.h
head: 1.2
description:
Initial DMCC Turnover

revision 1.2
date: 1993/01/11 23:24:13; author: cm-adst; state: Exp; lines: +5 -5
P.DesMeules's changes for the DMCC build

revision 1.1
date: 1993/01/08 18:16:09; author: cm-adst; state: Exp;
Initial Version

RCS file: ./gui/include/RCS/spotTmi.h,v
Working file: spotTmi.h
head: 1.1
description:
Initial DMCC Turnover

revision 1.1
date: 1993/01/12 00:13:08; author: cm-adst; state: Exp;
P.DesMeules' new files for the DMCC build

RCS file: ./gui/include/RCS/sysMainPM.h,v
Working file: sysMainPM.h
head: 1.2
description:
Initial DMCC Turnover

revision 1.2
date: 1993/01/11 23:24:13; author: cm-adst; state: Exp; lines: +0 -5
P.DesMeules's changes for the DMCC build

revision 1.1
date: 1993/01/08 18:16:09; author: cm-adst; state: Exp;
Initial Version

RCS file: ./gui/source/RCS/addrList.c,v
Working file: addrList.c
head: 1.2
description:
Initial DMCC Turnover

revision 1.2 locked by: cm-adst;
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +0 -6
P.DesMeules's files for DMCC build

revision 1.1
date: 1993/01/08 18:17:14; author: cm-adst; state: Exp;
Initial Version

RCS file: ./gui/source/RCS/addrListCB.c,v
Working file: addrListCB.c
head: 1.2
description:
Initial DMCC Turnover

revision 1.2  locked by: cm-adst;
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +0 -6
P.DesMeules's files for DMCC build

RCS file: /gui/source/RCS/console.c,v
Working file: console.c
head: 1.2
description:
Initial DMCC Turnover

revision 1.2  locked by: cm-adst;
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +55 -15
P.DesMeules's files for DMCC build

revision 1.1
date: 1993/01/08 18:17:14; author: cm-adst; state: Exp;
Initial Version

RCS file: /gui/source/RCS/consoleCB.c,v
Working file: consoleCB.c
head: 1.2
description:
Initial DMCC Turnover

revision 1.2  locked by: cm-adst;
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +15 -6
P.DesMeules's files for DMCC build

revision 1.1
date: 1993/01/08 18:17:14; author: cm-adst; state: Exp;
Initial Version

RCS file: /gui/source/RCS/formTrim.c,v
Working file: formTrim.c
head: 1.2
description:
Initial DMCC Turnover

revision 1.2  locked by: cm-adst;
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +0 -6
P.DesMeules's files for DMCC build

revision 1.1
date: 1993/01/08 18:17:14; author: cm-adst; state: Exp;
Initial Version

RCS file: /gui/source/RCS/freeTxt.c,v
Working file: freeTxt.c
Initial Version

RCS file: ./gui/source/RCS/groupList.c,v
Working file: groupList.c
head: 1.2
description:
Initial DMCC Turnover

revision 1.2 locked by: cm-adst;
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +0 -6
P.DesMeules's files for DMCC build

revision 1.1
date: 1993/01/08 18:17:14; author: cm-adst; state: Exp;
Initial Version

RCS file: ./gui/source/RCS/groupListCB.c,v
Working file: groupListCB.c
head: 1.2
description:
Initial DMCC Turnover

revision 1.2 locked by: cm-adst;
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +0 -10
P.DesMeules's files for DMCC build

revision 1.1
date: 1993/01/08 18:17:14; author: cm-adst; state: Exp;
Initial Version

RCS file: ./gui/source/RCS/listUtilities.c,v
Working file: listUtilities.c
head: 1.2
description:
Initial DMCC Turnover

revision 1.2 locked by: cm-adst;
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +0 -6
P.DesMeules's files for DMCC build

revision 1.1
date: 1993/01/08 18:17:14; author: cm-adst; state: Exp;
Initial Version

RCS file: ./gui/source/RCS/locList.c,v
Working file: locList.c
head: 1.2
description:
Initial DMCC Turnover

revision 1.2 locked by: cm-adst;
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +0 -6
P.DesMeules's files for DMCC build
keyword substitution: kv

total revisions: 1; selected revisions: 1

description:
Initial Turnover of DMCC

revision 1.1
locked by: cm-adst;
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp;
P.DesMeules's files for DMCC build

RCS file: ./gui/source/RCS/movcmd_call.c,v
Working file: movcmd_call.c
head: 1.5
description:
Initial DMCC Turnover

revision 1.5
date: 1993/04/02 18:44:08; author: cm-adst; state: Exp; lines: +15 -0
T. McNerney's change for spcr 75

revision 1.4
date: 1993/03/01 21:38:52; author: cm-adst; state: Exp; lines: +12 -0
SP/CR-112

revision 1.3
date: 1993/02/08 18:46:20; author: cm-adst; state: Exp; lines: +19 -0
T. McNerney's changes for spcr 73

revision 1.2
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +165 -140
P.DesMeules's files for DMCC build

revision 1.1
date: 1993/01/08 18:17:14; author: cm-adst; state: Exp;
Initial Version

RCS file: ./gui/source/RCS/movcmd_create.c,v
Working file: movcmd_create.c
head: 1.3
description:
Initial DMCC Turnover

revision 1.3
date: 1993/04/02 18:50:54; author: cm-adst; state: Exp; lines: +364 -422
T. McNerney's change for spcr75

revision 1.2
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +0 -1210
P.DesMeules's files for DMCC build

revision 1.1
date: 1993/01/08 18:17:14; author: cm-adst; state: Exp;
Initial Version

RCS file: ./gui/source/RCS/msgl.c,v
Working file: msgl.c

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RCS file: ./gui/source/RCS/mto_call.c,v
Working file: mto_call.c
description:
Initial DMCC Turnover

revision 1.4
date: 1993/03/01 21:39:16; author: cm-adst; state: Exp; lines: +12 -0
SP/CR-112

revision 1.3
date: 1993/02/08 18:46:20; author: cm-adst; state: Exp; lines: +19 -0
T. McNerney's changes for spcr 73

revision 1.2
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +64 -37
P.DesMeules's files for DMCC build

revision 1.1
date: 1993/01/08 18:17:14; author: cm-adst; state: Exp;
Initial Version

RCS file: ./gui/source/RCS/mto_create.c,v
Working file: mto_create.c
head: 1.2
description:
Initial DMCC Turnover

revision 1.2 locked by: cm-adst;
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +1 -7
P.DesMeules's files for DMCC build

revision 1.1
date: 1993/01/08 18:17:14; author: cm-adst; state: Exp;
Initial Version

RCS file: ./gui/source/RCS/pdu_decode.c,v
Working file: pdu_decode.c
head: 1.1
description:
Initial Turnover of DMCC

revision 1.1 locked by: cm-adst;
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp;
P.DesMeules's files for DMCC build

RCS file: ./gui/source/RCS/popupMessage.c,v
Working file: popupMessage.c
head: 1.1
description:
Initial Turnover of DMCC
P. DesMeules's files for DMCC build

RCS file: ./gui/source/RCS/reqTmi_create.c,v
Working file: reqTmi_create.c
head: 1.1
description:
Initial Turnover of DMCC

revision 1.1
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp;
P. DesMeules's files for DMCC build

RCS file: ./gui/source/RCS/req_call.c,v
Working file: req_call.c
description:
Initial DMCC Turnover

revision 1.4
date: 1993/03/01 21:41:58; author: cm-adst; state: Exp; lines: +40 -1
SP/CR-112

revision 1.3
date: 1993/02/08 18:46:20; author: cm-adst; state: Exp; lines: +20 -0
T. McNerney's changes for spcr 73

revision 1.2
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +83 -48
P. DesMeules's files for DMCC build

revision 1.1
date: 1993/01/08 18:17:14; author: cm-adst; state: Exp;
Initial Version

RCS file: ./gui/source/RCS/req_create.c,v
Working file: req_create.c
head: 1.2
description:
Initial DMCC Turnover

revision 1.2
locked by: cm-adst;
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +213 -19
P. DesMeules's files for DMCC build

revision 1.1
date: 1993/01/08 18:17:14; author: cm-adst; state: Exp;
Initial Version

RCS file: ./gui/source/RCS/reuseTmi_call.c,v
Working file: reuseTmi_call.c
head: 1.1
description:
T. McNerney's initial turnover (spcr 81)
ADST/WDL/TR--93-003046

RCS file: ./gui/source/RCS/splashTmi_create.c,v
Working file: splashTmi_create.c
head: 1.1
description:
Initial Turnover of DMCC

RCS file: ./gui/source/RCS/splash_call.c,v
Working file: splash_call.c
description:
Initial DMCC Turnover

RCS file: ./gui/source/RCS/splash_create.c,v
Working file: splash_create.c
description:
Initial DMCC Turnover

RCS file: ./gui/source/RCS/spotTmi_call.c,v
Working file: spotTmi_call.c
description:
Initial Turnover of DMCC

revision 1.4
date: 1993/03/01 21:36:05; author: cm-adst; state: Exp; lines: +10 -3
SP/CR-114

revision 1.3
date: 1993/02/08 18:15:02; author: cm-adst; state: Exp; lines: +20 -1
T. McNerney's changes for spcr 81 & 83.

revision 1.2
date: 1993/01/15 22:51:44; author: cm-adst; state: Exp; lines: +15 -1
SP/CR 18 submitted by T. McNerney

revision 1.1
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp;
P.DesMeules's files for DMCC build

RCS file: ./gui/source/RCS/spotTmi_create.c,v
Working file: spotTmi_create.c
head: 1.1
description:
Initial Turnover of DMCC

revision 1.1  locked by: cm-adst;
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp;
P.DesMeules's files for DMCC build

RCS file: ./gui/source/RCS/spot_call.c,v
Working file: spot_call.c
head: 1.5
description:
Initial DMCC Turnover

revision 1.5
date: 1993/03/01 21:41:58; author: cm-adst; state: Exp; lines: +12 -0
SP/CR-112

revision 1.4
date: 1993/02/08 18:46:20; author: cm-adst; state: Exp; lines: +16 -0
T. McNerney's changes for spcr 73

revision 1.3
date: 1993/01/15 22:51:44; author: cm-adst; state: Exp; lines: +16 -8
SP/CR 18 submitted by T. McNerney

revision 1.2
date: 1993/01/12 00:36:19; author: cm-adst; state: Exp; lines: +104 -119
P.DesMeules's files for DMCC build

revision 1.1
date: 1993/01/08 18:17:14; author: cm-adst; state: Exp;
Initial Version
date: 1993/03/05 17:40:41; author: cm-adst; state: Exp; lines: +3 -1
P. Desmeules's changes for spcr 113

Revision 1.3
date: 1993/02/08 18:36:35; author: cm-adst; state: Exp; lines: +20 -0
T. McNerney's changes for spcrs 37,38,76,78.

Revision 1.2
P. DesMeules's changes for the DMCC build.

Revision 1.1
date: 1993/01/08 18:14:27; author: cm-adst; state: Exp;
Initial Version

RCS file: ./include/RCS/DISPDU.h,v
Working file: DISPDU.h
head: 1.2
description:
Initial DMCC Turnover

Revision 1.2
date: 1993/01/12 00:56:03; author: cm-adst; state: Exp; lines: +8 -3
P. DesMeules's files for DMCC build

Revision 1.1
date: 1992/11/20 00:05:13; author: cm-adst; state: Exp;
Initial Version

RCS file: ./include/RCS/DIS_types.h,v
Working file: DIS_types.h
head: 1.1
description:
Initial DMCC Turnover

Revision 1.1
date: 1992/11/20 00:05:13; author: cm-adst; state: Exp;
Initial Version

RCS file: ./include/RCS/DMC_PDU.h,v
Working file: DMC_PDU.h
description:
Initial DMCC Turnover

Revision 1.4
date: 1993/01/12 00:56:03; author: cm-adst; state: Exp; lines: +255 -60
P. DesMeules's files for DMCC build

Revision 1.3
date: 1992/11/25 01:01:16; author: cm-adst; state: Exp; lines: +1 -1
Charles had additional changes.

Revision 1.2
date: 1992/11/23 22:23:00; author: cm-adst; state: Exp; lines: +22 -19
Changes for next build.
P. DesMeules's files for DMCC build

RCS file: /include/RCS/ether.h,v
Working file: ether.h
head: 1.1
description:
Initial DMCC Turnover

RCS file: /include/RCS/fcn_proto.h,v
Working file: fcn_proto.h
head: 1.1
description:
Initial DMCC Turnover

RCS file: /include/RCS/global_netif.h,v
Working file: global_netif.h
head: 1.1
description:
Initial DMCC Turnover

RCS file: /include/RCS/global_vars.h,v
Working file: global_vars.h
head: 1.2
description:
Initial DMCC Turnover

RCS file: /include/RCS/libether.h,v
Working file: libether.h
A. Au-Yeung's changes for spcr 118.

revision 1.1
date: 1992/11/20 00:05:36; author: cm-adst; state: Exp;
Initial Version

RCS file: /netif/RCS/dmcc_ALPDU_SIM_decode.c,v
Working file: dmcc_ALPDU_SIM_decode.c
head: 1.2
description:
Initial DMCC Turnover

revision 1.2
date: 1993/02/05 19:16:14; author: cm-adst; state: Exp; lines: +12 -8
P. Desmeules's changes for spcr 96

revision 1.1
date: 1992/11/20 00:05:36; author: cm-adst; state: Exp;
Initial Version

RCS file: /netif/RCS/dmcc_ALPDU_SIM_encode.c,v
Working file: dmcc_ALPDU_SIM_encode.c
head: 1.2
description:
Initial DMCC Turnover

revision 1.2
date: 1993/02/18 23:27:09; author: cm-adst; state: Exp; lines: +14 -10
A. Au-Yeung's changes for spcr 118

revision 1.1
date: 1992/11/20 00:05:36; author: cm-adst; state: Exp;
Initial Version

RCS file: /netif/RCS/dmcc_SIM_rx_netif.c,v
Working file: dmcc_SIM_rx_netif.c
head: 1.3
description:
Initial DMCC Turnover

revision 1.3
date: 1993/02/18 23:27:09; author: cm-adst; state: Exp; lines: +24 -12
A. Au-Yeung's changes for spcr 118

revision 1.2
date: 1993/02/05 19:15:07; author: cm-adst; state: Exp; lines: +17 -7
P. Desmeules's changes for spcr 51

revision 1.1
date: 1992/11/20 00:05:36; author: cm-adst; state: Exp;
Initial Version

RCS file: /netif/RCS/dmcc_logger.c,v
Working file: dmcc_logger.c
date: 1993/02/18 23:27:09; author: cm-adst; state: Exp; lines: +11 -7
A. Au-Yeung's changes for spcr 118

revision 1.2
date: 1993/02/10 23:09:30; author: cm-adst; state: Exp; lines: +13 -4
A. Au-Yeung's changes for spcr 96.

revision 1.1
date: 1992/11/20 00:05:36; author: cm-adst; state: Exp;
Initial Version

RCS file: ./netif/RCS/etheropen.c,v
Working file: etheropen.c
head: 1.2
description:
Initial DMCC Turnover

revision 1.2
date: 1993/02/05 19:14:35; author: cm-adst; state: Exp; lines: +35 -25
P. Desmeules's changes for spcr 51

revision 1.1
date: 1992/11/20 00:05:36; author: cm-adst; state: Exp;
Initial Version

RCS file: ./netif/RCS/etherints.c,v
Working file: etherints.c
head: 1.1
description:
Initial DMCC Turnover

revision 1.1
date: 1992/11/20 00:05:36; author: cm-adst; state: Exp;
Initial Version

RCS file: ./netif/RCS/get-sysaddr.c,v
Working file: get-sysaddr.c
head: 1.1
description:
Initial DMCC Turnover

revision 1.1
date: 1992/11/20 00:05:36; author: cm-adst; state: Exp;
Initial Version

RCS file: ./netif/RCS/logtofile.c,v
Working file: logtofile.c
head: 1.1
description:
Initial DMCC Turnover

revision 1.1
date: 1992/11/20 00:05:36; author: cm-adst; state: Exp;
Initial Version
RCS file: /netif/RCS/makefile,v
Working file: makefile
head: 1.4
description:
Initial DMCC Turnover

revision 1.4
date: 1993/03/05 17:34:40; author: cm-adst; state: Exp; lines: +20 -5
P. Desmeules's change for spcr 113

revision 1.3
date: 1993/02/18 23:54:55; author: cm-adst; state: Exp; lines: +6 -4
A. Au-Yeung's changes for spcr 119

revision 1.2
date: 1993/02/18 23:28:34; author: cm-adst; state: Exp; lines: +9 -3
A. Au-Yeung's changes for spcr 119

revision 1.1
date: 1992/11/20 00:05:36; author: cm-adst; state: Exp;
Initial Version

RCS file: /netif/RCS/pause.c,v
Working file: pause.c
head: 1.2
description:
Initial DMCC Turnover

revision 1.2
date: 1993/02/05 19:14:35; author: cm-adst; state: Exp; lines: +10 -5
P. Desmeules's changes for spcr 51

revision 1.1
date: 1992/11/20 00:05:36; author: cm-adst; state: Exp;
Initial Version

RCS file: /pdu_decode/RCS/Makefile,v
Working file: Makefile
head: 1.2
Initial DMCC Turnover

revision 1.2
date: 1993/03/05 17:39:08; author: cm-adst; state: Exp; lines: +11 -7
P. Desmeules's changes for spcr 113

revision 1.1
date: 1993/01/12 01:22:44; author: cm-adst; state: Exp;
Initial Version

RCS file: /pdu_decode/RCS/decode_ack_pdu.c,v
Working file: decode_ack_pdu.c
head: 1.1
description:
ADST/WDL/TR--93-003046

Working file: decode_movcmd_pdu.c
head: 1.2
description:
Initial DMCC Turnover

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revision 1.2
date: 1993/04/02 21:45:30; author: cm-adst; state: Exp; lines: +20 -9
P. Desmeules's change for spcr 136

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revision 1.1
date: 1993/01/12 01:22:44; author: cm-adst; state: Exp;
Initial Version

RCS file: ./pdu_decode/RCS/decode_mto_pdu.c,v
Working file: decode_mto_pdu.c
head: 1.1
description:
Initial DMCC Turnover

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revision 1.1
date: 1993/01/12 01:22:44; author: cm-adst; state: Exp;
Initial Version

RCS file: ./pdu_decode/RCS/decode_nbc1_pdu.c,v
Working file: decode_nbc1_pdu.c
head: 1.1
description:
Initial DMCC Turnover

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revision 1.1
date: 1993/01/12 01:22:44; author: cm-adst; state: Exp;
Initial Version

RCS file: ./pdu_decode/RCS/decode_nbc4_pdu.c,v
Working file: decode_nbc4_pdu.c
head: 1.1
description:
Initial DMCC Turnover

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revision 1.1
date: 1993/01/12 01:22:44; author: cm-adst; state: Exp;
Initial Version

RCS file: ./pdu_decode/RCS/decode_nbc5_pdu.c,v
Working file: decode_nbc5_pdu.c
head: 1.1
description:
Initial DMCC Turnover

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revision 1.1
date: 1993/01/12 01:22:44; author: cm-adst; state: Exp;
Initial Version
RCS file: ./RCS/README-INSTALL,v
Working file: README-INSTALL
head: 1.1
description:
Initial Turnover

revision 1.1
date: 1993/03/05 17:27:21; author: cm-adst; state: Exp;
P. Desmeules turnover for spcr 113

RCS file: ./RCS/buildit,v
Working file: buildit
head: 1.1
description:
Initial Turnover

revision 1.1
date: 1993/03/05 17:30:53; author: cm-adst; state: Exp;
P. Desmeules turnover for spcr 113

RCS file: ./RCS/dmcc-ops,v
Working file: dmcc-ops
head: 1.1
description:
Initial Turnover

revision 1.1
date: 1993/03/05 17:27:21; author: cm-adst; state: Exp;
P. Desmeules turnover for spcr 113