Defense Information Infrastructure (DII)
Common Operating Environment (COE)

Software Version Description (SVD)
for the
Enhanced Logistics Intratheater Support Tool (ELIST)
Reference Data Segment Version 8.1.0.0

for Solaris 7

26 February 2002

Prepared for:
Military Traffic Management Command
Transportation Engineering Agency
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Newport News, VA 23606

Prepared by:
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# Table of Contents

1. Scope ..................................................................................................................................... 1  
   1.1 Identification ..................................................................................................................... 1  
   1.2 Segment Overview ............................................................................................................ 2  
   1.3 Points of Contact ............................................................................................................. 2  
   1.4 Product Information ......................................................................................................... 3  
2. Referenced Documents .........................................................................................................5  
   2.1 Government Documents .................................................................................................. 5  
   2.1.1 DII COE ELIST Documents ..................................................................................... 5  
   2.1.2 Other DII COE Documents ....................................................................................... 5  
   2.1.3 Other ELIST Documents .......................................................................................... 5  
   2.1.4 Other Government Documents .................................................................................. 5  
   2.2 Non-Government Documents ........................................................................................ 5  
3. Version Description .............................................................................................................. 7  
   3.1 Inventory of Materials Released ....................................................................................... 7  
   3.2 Pertinent Documentation ................................................................................................ 8  
   3.3 Inventory of Software Contents ....................................................................................... 8  
   3.4 Changes Installed .............................................................................................................. 8  
   3.5 Waivers.............................................................................................................................. 8  
   3.6 Adaptation Data ................................................................................................................ 8  
   3.7 Installation Instructions..................................................................................................... 8  
   3.8 Possible Problems and Known Errors ............................................................................... 9  
4. Notes....................................................................................................................................... 11  
5. Acknowledgements ............................................................................................................. 13  
6. Documentation Improvement and Feedback....................................................................... 15  
Appendix A. Contents of the Descriptor Files in the SegDescrip Directory ................. 17  
   A.1 SegName File................................................................................................................. 17  
   A.2 SegInfo File ................................................................................................................. 17  
   A.3 VERSION File .............................................................................................................. 17  
   A.4 ReleaseNotes File ........................................................................................................... 18  
   A.5 PostInstall File ............................................................................................................... 18  
   A.6 DEINSTALL File .............................................................................................................. 18  
   A.7 FileAttribs File ................................................................................................…………. 18  
Appendix B. Contents of the Files in the Integ Directory .................................................. 89  
   B.1 IntgNotes File ............................................................................................................... 89  
   B.2 Annotated VSOutput File ............................................................................................... 89  
Appendix C. Chief Engineer Permissions and Waivers Requested .................................... 91
List of Tables

Table 1. Segments Comprising the ELIST Mission Application

................................................................. 1
1. Scope

This document is the *Software Version Description (SVD) for the Enhanced Logistics Intratheater Support Tool (ELIST) Reference Data Segment*. It contains basic information about the segment.

1.1 Identification

The ELIST Reference Data Segment is one of seven segments that make up the DII COE ELIST mission application. The distributed segment software, data, and documentation are *Unclassified*.

Table 1 identifies all the segments of the ELIST mission application. In the table, each segment is given a number by which it may be referenced in this document. The table also gives the name, the segment type (and, if a data segment, the segment scope), the current version number, and the directory name assigned to each segment.

**Table 1. Segments of the ELIST Mission Application**

<table>
<thead>
<tr>
<th>Segment Number</th>
<th>Segment Name</th>
<th>Segment Type / Scope</th>
<th>Version Number</th>
<th>Directory Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ELIST Global Data Segment</td>
<td>Data / Global</td>
<td>8.1.0.0</td>
<td>ELISTglob</td>
</tr>
<tr>
<td>2</td>
<td>ELIST Database Instance Segment</td>
<td>Data / Segment</td>
<td>8.1.0.0</td>
<td>ELISTdbinst</td>
</tr>
<tr>
<td>3</td>
<td>ELIST Database Fill Segment</td>
<td>Data / Local</td>
<td>8.1.0.0</td>
<td>ELISTdbfill</td>
</tr>
<tr>
<td>4</td>
<td>ELIST Database Segment</td>
<td>Database</td>
<td>8.1.0.0</td>
<td>ELISTdb</td>
</tr>
<tr>
<td>5</td>
<td>ELIST Database Utility Segment</td>
<td>Software</td>
<td>8.1.0.0</td>
<td>ELISTdbutil</td>
</tr>
<tr>
<td>6</td>
<td>ELIST Software Segment</td>
<td>Software</td>
<td>8.1.0.0</td>
<td>ELISTexec</td>
</tr>
<tr>
<td>7</td>
<td>ELIST Reference Data Segment</td>
<td>Data / Local</td>
<td>8.1.0.0</td>
<td>ELISTrefdata</td>
</tr>
</tbody>
</table>

All seven segments have the following identification properties in common:

- **Segment Prefix**: ELIST
- **Platform(s)**: Sun/Solaris 7
- **DII COE Versions**: 4.2.0.0P4 or later

All seven of the ELIST segments must be installed before you can use the ELIST mission application.³

Refer to the *Introduction to the Enhanced Logistics Intratheater Support Tool (ELIST) Mission Application and its Segments: Global Data Segment, Database Instance Segment, Database Fill Segment, Database Segment, Database Utility Segment, Software Segment, and Reference Data Segment* for the following:

---

1 Note carefully that all segments have the same prefix. This is not typical of multisegment DII COE mission applications.
2 Implementation of the ELIST segments for PC/Windows NT 4.0 will follow shortly. This documentation covers only the Sun/Solaris 7 platform but will be supplemented or replaced when an implementation becomes available for NT.
3 To save space, however, the ELIST Database Fill Segment can be removed after successfully installing the ELIST Database Segment.

26 February 2002
• an overview of the mission application and all of its segments in the context of the application;
• considerations applicable to the use of ELIST with classified data;
• the definitions of key concepts and terms used throughout the ELIST documentation;
• a complete list of the available ELIST documentation;
• a brief history of ELIST; and
• basic information pertinent to the client/server configuration and installation of the ELIST segments.

1.2 Segment Overview

The ELIST Reference Data Segment provides a starter set of NIMA map reference data consisting of the minimum World Vector Shoreline (WVS) data required by ELIST. These data, which are in vector product format, can be supplemented by the additional NIMA map data (e.g., ADRG, CADRG, or DTED data, which are in raster product format) required for particular uses of ELIST, as described in the User’s Manual (UM) for the Enhanced Logistics Intratheater Support Tool (ELIST) Software Segment. Some such raster product map data are always required to run a simulation.

1.3 Points of Contact

The development of ELIST was sponsored by the Military Traffic Management Command (MTMC) Transportation Engineering Agency (TEA). ELIST was implemented by MTMCTEA and Argonne National Laboratory (ANL). For administrative and program management support, including the permission that DISA Configuration Management (CM) requires to release the distribution media for the ELIST mission application to prospective users, contact

Doug Barbour, ELIST Project Officer
MTMCTEA
720 Thimble Shoals Blvd.
Suite 130
Newport News, VA
23606-0276
Tel. (757) 599-1663
Fax (757) 599-1564
barbourd@tea-emh1.army.mil

4 The software for managing the data stored in the ELIST Reference Data Segment actually belongs to the ELIST Software Segment.
For technical support of a segment-specific \textit{(i.e., DII COE-related)} nature, contact

Kenneth Dritz, DII COE Integrator  
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Argonne, IL 60439-4844  
Tel. (630) 252-7217  
Fax (630) 252-5128  
dritz@anl.gov

For technical support of a more general nature \textit{(i.e., related to issues of functionality)}, contact

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Argonne National Laboratory  
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Argonne, IL 60439-4844  
Tel. (630) 252-5308  
Fax (630) 252-6073  
vang@anl.gov

1.4 Product Information

\textbf{Product Qualification:} Completed in-house testing

\textbf{Product Restrictions:} Releasable to military organizations (like OSD; Joint Staff; EUCOM, CENTCOM, and other CINCs) and perhaps other government organizations with approval of MTMCTEA. Consult Chapter 8 of Army Regulation 5-11 (see citation in Section 2.1.4, below), then contact the ELIST Project Officer at the address given in Section 1.3

\textbf{Product Dependencies:} (none)
2. Referenced Documents

The following other documents are referenced in this document.

2.1 Government Documents

2.1.1 DII COE ELIST Documents


2.1.2 Other DII COE Documents

N/A.

2.1.3 Other ELIST Documents

N/A.

2.1.4 Other Government Documents


2.2 Non-Government Documents

N/A.
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3. Version Description

3.1 Inventory of Materials Released

NOTE: See Section 1.4 for Product (i.e., Releasability) Restrictions.

The ELIST Reference Data Segment for Solaris 7, Version 8.1.0.0, CM Number 10100, 26 February 2002, is distributed in MakeInstall format on two CDs, one externally labeled “Master” and the other “Backup,” and both externally labeled “ELIST Mission Application Software.” The other segments of the ELIST mission application are distributed on the same CDs.

Documentation for the ELIST Reference Data Segment is also distributed on two CDs, one externally labeled “Master” and the other “Backup,” and both externally labeled “ELIST Mission Application Documentation.” Documentation for the other segments of the ELIST mission application is distributed on the same CDs. On these CDs, the documentation pertinent to the ELIST Reference Data Segment can be found in the following directories:

- ELIST directory
  
  

- ELISTrefdata directory
  - *Software Version Description (SVD) for the Enhanced Logistics Intratheater Support Tool (ELIST) Reference Data Segment Version 26 February 2002*
3.2 Pertinent Documentation

All pertinent documentation is delivered with the segment (see Section 3.1).

3.3 Inventory of Software Contents

The directory structure of the ELIST Global Data Segment, as distributed, can be inferred from the listing of the FileAttribs descriptor file in Appendix A.7.

The segment is a data segment of local scope. It contains directories and data files shared among the segments of the ELIST mission application. There are no executables and no scripts except for the installation and deinstallation scripts.

3.4 Changes Installed

N/A.

3.5 Waivers

See Appendix C.

3.6 Adaptation Data

Additional reference data can be loaded into the ELIST Reference Data Segment after its installation, as required for particular uses of ELIST. Menu items for performing such loads are provided by the ELIST Software Segment. The User’s Manual (UM) for the Enhanced Logistics Intratheater Support Tool (ELIST) Software Segment describes how to add and remove reference data.

3.7 Installation Instructions

Installation instructions for all the segments of the ELIST mission application can be found in the Installation Procedures (IP) for the Enhanced Logistics Intratheater Support Tool (ELIST) Global Data Segment, Database Instance Segment, Database Fill Segment, Database Segment, Database Utility Segment, Software Segment, and Reference Data Segment.

The computer system resources required by the ELIST Reference Data Segment are as follows:

- RAM required: (none)
- Disk space required: 15518 KB

The figure given above for disk space is the amount of storage occupied by the segment just after installation. The space occupied will grow when the administrative features of the ELIST Software Segment are subsequently used to add NIMA map data to the ELIST Reference Data Segment.
The Segment Installer ensures that a modest amount of expansion space (650 MB) is available when the ELIST Reference Data Segment is installed.

### 3.8 Possible Problems and Known Errors

There were no known errors when this document was prepared.

The following shortcoming in the design of the ELIST Reference Data Segment is known:

- As discussed in some detail in the *User’s Manual (UM) for the Enhanced Logistics Intratheater Support Tool (ELIST) Software Segment*, the segment is delivered with a starter set of World Vector Shoreline (WVS) data at the coarsest three resolutions available. This choice was motivated by a desire to hold the segment to a reasonable size. Unfortunately, no mechanism is provided to add WVS data at a finer resolution after the segment is installed, should that option be desired and should space be available for it.

This shortcoming will be alleviated in a future release by providing additional features in the ELIST Software Segment for adding and deleting WVS data. These features will be analogous to the existing features for adding and deleting ADRG, CADRG, or DTED map data. After these features are implemented, the starter set of WVS data will no longer be distributed with the ELIST Reference Data Segment. This approach allows the size of the segment to be significantly reduced; it also eliminates the need to issue updated versions of the segment each time NIMA releases an updated WVS CD. Administrative ELIST users will be expected to add the desired resolutions of WVS data to the segment after it is installed, just as they now must add the NIMA map data required to support the simulations of interest.

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5 Any use of the ELIST mission application will require that raster product format map data from NIMA, appropriate to the locale for the intended simulation, be added to the `data` directory of this segment. Such an addition will significantly increase the disk storage requirements (to the range of gigabytes or at least hundreds of megabytes).
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4. Notes

The ELIST Reference Data Segment must be installed on a platform configured as an application client. In the current implementation, that platform must be a Sun workstation. The ELIST Software Segment must also be resident on the same machine, but that requirement is not necessary for the installation of the ELIST Reference Data Segment, and either segment may be installed first. Further information on system configuration can be found in the Installation Procedures (IP) for the Enhanced Logistics Intratheater Support Tool (ELIST) Global Data Segment, Database Instance Segment, Database Fill Segment, Database Segment, Database Utility Segment, Software Segment, and Reference Data Segment.

The following acronyms are (or may be) used in this document.

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADRG</td>
<td>ARC Digitized Raster Graphics</td>
</tr>
<tr>
<td>ANL</td>
<td>Argonne National Laboratory</td>
</tr>
<tr>
<td>CADRG</td>
<td>Compressed ARC Digitized Raster Graphics</td>
</tr>
<tr>
<td>CD</td>
<td>Compact Disk</td>
</tr>
<tr>
<td>CENTCOM</td>
<td>Central Command</td>
</tr>
<tr>
<td>CINC</td>
<td>Combined Intelligence Center (as used in this document)</td>
</tr>
<tr>
<td>CM</td>
<td>Configuration Management</td>
</tr>
<tr>
<td>COE</td>
<td>Common Operating Environment</td>
</tr>
<tr>
<td>DB</td>
<td>Database</td>
</tr>
<tr>
<td>DBA</td>
<td>Database Administrator</td>
</tr>
<tr>
<td>DII</td>
<td>Defense Information Infrastructure</td>
</tr>
<tr>
<td>DISA</td>
<td>Defense Information Systems Agency</td>
</tr>
<tr>
<td>DSN</td>
<td>Defense Switched Network</td>
</tr>
<tr>
<td>DTED</td>
<td>Digital Terrain Elevation Data</td>
</tr>
<tr>
<td>ELIST</td>
<td>Enhanced Logistics Intratheater Support Tool (DII COE segment prefix)</td>
</tr>
<tr>
<td>ETEdit</td>
<td>ETPFDD Editor</td>
</tr>
<tr>
<td>ETPFDD</td>
<td>Expanded Time Phased Force Deployment Data</td>
</tr>
<tr>
<td>EUCOM</td>
<td>European Command</td>
</tr>
<tr>
<td>GB</td>
<td>Gigabyte(s)</td>
</tr>
<tr>
<td>HQ</td>
<td>Headquarters</td>
</tr>
<tr>
<td>IP</td>
<td>Installation Procedures</td>
</tr>
<tr>
<td>I&amp;RTS</td>
<td>Integration and Runtime Specification</td>
</tr>
<tr>
<td>LAN</td>
<td>Local Area Network</td>
</tr>
<tr>
<td>KB</td>
<td>Kilobyte(s)</td>
</tr>
<tr>
<td>MB</td>
<td>Megabyte(s)</td>
</tr>
<tr>
<td>MTMC</td>
<td>Military Traffic Management Command</td>
</tr>
<tr>
<td>N/A</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>NFS</td>
<td>Network File System</td>
</tr>
<tr>
<td>NIMA</td>
<td>National Imagery and Mapping Agency</td>
</tr>
<tr>
<td>NT</td>
<td>New Technology (an Operating System for Microsoft Windows)</td>
</tr>
<tr>
<td>OS</td>
<td>Operating System</td>
</tr>
<tr>
<td>OSD</td>
<td>Office of the Secretary of Defense</td>
</tr>
<tr>
<td>PC</td>
<td>Personal Computer</td>
</tr>
<tr>
<td>POC</td>
<td>Point of Contact</td>
</tr>
</tbody>
</table>

26 February 2002
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAM</td>
<td>Random Access Memory</td>
</tr>
<tr>
<td>STD</td>
<td>Software Test Description</td>
</tr>
<tr>
<td>STP</td>
<td>Software Test Plan</td>
</tr>
<tr>
<td>STR</td>
<td>Software Test Report</td>
</tr>
<tr>
<td>SVD</td>
<td>Software Version Description</td>
</tr>
<tr>
<td>TEA</td>
<td>Transportation Engineering Agency</td>
</tr>
<tr>
<td>UM</td>
<td>User’s Manual</td>
</tr>
<tr>
<td>WVS</td>
<td>World Vector Shoreline</td>
</tr>
</tbody>
</table>
5. Acknowledgements

Argonne National Laboratory is a Federally Funded Research and Development Center operated by The University of Chicago under contract W-31-109-ENG for the United States Department of Energy.

The development of ELIST and the preparation of this document were supported by funding from the Military Traffic Management Command Transportation Engineering Agency of the United States Army.
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6. Documentation Improvement and Feedback

Comments and other feedback on this document should be directed to:

Phone: (630) 252-7217
Fax:   (630) 252-5128
Email: dritz@anl.gov
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Appendix A. Contents of the Descriptor Files in the SegDescrip Directory

The contents of the descriptor files in the SegDescrip directory are reproduced in this appendix.

A.1 SegName File

#===================================================================
# SegName descriptor file for the ELIST Reference Data Segment
# Segment Prefix: ELIST
# Segment Directory: ELISTrefdata
#===================================================================

$TYPE:DATA
$NAME:ELIST Reference Data Segment
$PREFIX:ELIST
$SEGMENT:COE Component Parent:COE:/h/COE

# Note: The preceding line is needed ONLY to satisfy VerifySeg. It will be
# removed when VerifySeg no longer requires Data segments to name an affected
# segment. The installation of this segment does not change COE in any way.

# END OF FILE

A.2 SegInfo File

# This is the SegInfo file for the ELIST Reference Data Segment.

[Data]
$LOCAL:COE Component Parent:COE:/h/COE

# Note: The information after the $LOCAL keyword in the previous line is
# gratuitous. It is needed only to satisfy VerifySeg and does not provide any
# essential information. COE is not changed in any way by the installation
# of this segment. If the need for this information is dropped in the future,
# this descriptor will be simplified.

[Security]
UNCLASS

[Hardware]
$CPU:SPARC
$DISK:15518:650000
$OPSYS:SOL
$MEMORY:0

[COEServices]
$GROUPS
elistusr:419
$PASSWORDS
elistown:418:419:ELIST File Owner:/::/bin/sh

# END OF FILE

A.3 VERSION File

# This is the VERSION descriptor for the ELIST Reference Data Segment.
8.1.0.0 : 01/07/2002 : 10:41

# END OF FILE
A.4 ReleaseNotes File

This is the ReleaseNotes file for the ELIST Reference Data Segment.

The purpose of this segment is to provide a place to store static NIMA reference data shared by all ELIST users. As distributed, this segment includes a "small" set of World Vector Shoreline (WVS) data; larger sets can be added later (instructions for doing so will be provided later). Other kinds of NIMA data are NOT distributed with this segment, and a user in the elistadm group will have to add the desired NIMA raster product format data (to support particular simulations) to this segment's storage, using the "AddMapData" feature of the ELIST Software Segment. Such data can occupy huge amounts of space (gigabytes). The ELIST Software Segment also has a "DeleteMapData" feature, to delete NIMA raster product format data that is no longer needed so as to make space available (if necessary) for additional data.

This segment has no PostInstall script and has only an empty DEINSTALL script. It is a completely "passive" segment.

As currently described, this segment is a Data segment of Local scope. It might make sense for it to have Global scope; this change will be considered in the future. Making the scope Global would allow one copy of the reference data to be shared by all users on the network. However, it also places constraints on where that data can be loaded (it *must* be loaded into the shared /h/data/global partition), with consequent loss of flexibility.

This segment must be installed on the Application Client platform on which the ELIST Software Segment is, or is to be, installed. These two segments can be installed and deinstalled in either order. Neither requires the other for a successful installation, but the ELIST and ETEdit executables in the ELIST Software Segment check to make sure that the ELIST Reference Data Segment is installed before they proceed.

END OF FILE

A.5 PostInstall File

N/A.

A.6 DEINSTALL File

#!/bin/sh

# This is the DEINSTALL script for the ELIST Reference Data Segment.
# It has nothing to do and is provided only to make this segment removable.
exit 0

# END OF FILE

A.7 FileAttrs File

# This is the FileAttribs descriptor for the ELIST Reference Data Segment.

$SegDir:750:418:419
$ExternalData:750:418:419
750:418:419:SegDescrip
750:418:419:SegDescrip/DEINSTALL
640:418:419:SegDescrip/FileAttribs
640:418:419:SegDescrip/ReleaseNotes
640:418:419:SegDescrip/SegInfo
640:418:419:SegDescrip/SegName
640:418:419:SegDescrip/VERSION
640:418:419:SegDescrip/Validated
750:418:419:Integ
640:418:419:Integ/IntgNotes
640:418:419:Integ/VSOutput
750:418:419:data
28
February 2002
34  26 February 2002
26 February 2002
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/c/l/aa/cnd.
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/c/l/aa/ebr.
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/c/l/aa/edx.
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/c/l/aa/esi.
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/c/l/aa/fac.
750:418:419:data/wvsplus/wvsplus/wvs040m/coc/char.vdt
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/char.vdx
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/cocarea.aft
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/cocline.lft
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/coctext.tft
750:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/cnd.
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/csi.
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/ebr.
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/edg.
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/edx.
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/esi.
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/fac.
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/fbr.
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/fsi.
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/rng.
750:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/txt.
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/txx.
750:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/txx.
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/txx.
750:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/txx.
750:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/txx.
750:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/txx.
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750:418:419:data/wvsplus/wvsplus/wvs040m/coc/e/e/a/aa/txx.
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750:418:419: data/wvsplus/wvsplus/wvs120m/coc/c
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640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/a/aa/ebr.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/a/aa/edg.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/a/aa/edx.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/a/aa/esi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/a/aa/fac.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/a/aa/fbr.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/a/aa/fsi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/a/aa/rng.
750:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/c
750:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/c/aa
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/c/aa/cnd.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/c/aa/csi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/c/aa/ebr.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/c/aa/edg.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/c/aa/edx.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/c/aa/esi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/c/aa/fac.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/c/aa/fbr.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/c/aa/fsi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/c/aa/rng.
750:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/e
750:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/e/aa
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/e/aa/cnd.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/e/aa/csi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/e/aa/ebr.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/e/aa/edg.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/e/aa/edx.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/e/aa/esi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/e/aa/fac.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/e/aa/fbr.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/e/aa/fsi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/e/aa/rng.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/e/aa/tsx.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/e/aa/txx.
750:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/g
750:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/g/aa
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/g/aa/cnd.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/g/aa/csi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/g/aa/ebr.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/g/aa/edg.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/g/aa/edx.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/g/aa/esi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/g/aa/fac.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/g/aa/fbr.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/g/aa/fsi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/g/aa/rng.
750:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/j
750:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/j/aa
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/j/aa/cnd.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/j/aa/csi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/j/aa/ebr.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/j/aa/edg.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/j/aa/edx.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/j/aa/esi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/j/aa/fac.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/j/aa/fbr.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/j/aa/fsi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/j/aa/rng.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/j/aa/tsi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/j/aa/txt.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/j/aa/txx.
750:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/l
750:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/l/aa
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/l/aa/cnd.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/l/aa/csi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/l/aa/ebr.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/l/aa/edg.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/l/aa/edx.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/l/aa/esi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/l/aa/fac.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/l/aa/fbr.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/l/aa/fsi.
640:418:419: data/wvsplus/wvsplus/wvs120m/coc/c/l/aa/rng.
74 26 February 2002
84 26 February 2002
Appendix B. Contents of the Files in the Integ Directory

The contents of the files in the Integ directory are reproduced in this appendix.

B.1 IntgNotes File

This is the IntgNotes file for the ELIST Reference Data Segment.

This submission Version 8.1.0.0 is the initial submission of the segment.

The ELIST Reference Data Segment is part of the ELIST mission application. There are six other segments. All seven segments have the same segment prefix (ELIST).

This segment establishes directories that hold map data for ELIST. A starter set of WVS data is included upon installation. Raster-product map data (e.g., ADRG, CADRG, and/or DTED data) must be supplied by the user for the region in which simulations are to be performed. Such data is added to the segment by using the Add Map Data feature of the ELIST Software Segment.

Refer to the "Introduction to the Enhanced Logistics Intratheater Support Tool (ELIST) Mission Application and its Segments: Global Data Segment, Database Instance Segment, Database Fill Segment, Database Segment, Database Utility Segment, Software Segment, and Reference Data Segment" for the following:

+ an overview of the mission application and all of its segments in the context of the application;

+ the definitions of key concepts and terms used throughout the ELIST documentation;

+ a complete list of the available ELIST documentation;

+ a brief history of ELIST; and

+ basic information pertinent to the client/server configuration and installation of the ELIST segments.

B.2 Annotated VSOoutput File

Results of verification:
"./ELISTrefdata":
Totals
------
Errors: 0
Warnings: 0

26 February 2002
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Appendix C. Chief Engineer Permissions and Waivers Requested

Chief Engineer Permission Request

SEGMENT DESIGNATION: ELIST Reference Data Segment (ELIST)
CM Number: 10100
OPERATING SYSTEM: Solaris 7
MISSION APPLICATION NAME: Enhanced Logistics Intratheater Support Tool
TECHNICAL POC:
Kenneth W. Dritz
Decision and Information Sciences Division
Argonne National Laboratory
9700 S. Cass Ave.
Argonne, IL 60439
dritz@anl.gov

APPROVAL REQUESTED FROM: GCSS Chief Engineer
CHECKLIST ITEM: 6-8, Standards Compliance section, “The segment is available on all COE-supported platforms unless otherwise approved by the Chief Engineer.”

APPROVAL REQUESTED: To provide this segment only for the Sun/Solaris 7 and PC/NT (or Win2K) platforms. At the present time, only the Solaris 7 version has been registered and implemented, but the Windows version will be registered and implemented in the near future.

RATIONALE: The sponsor, MTMC-TEA, only requires the ELIST mission application to operate on these platforms.
Documentation Waiver Request

SEGMENT DESIGNATION: ELIST Reference Data Segment (ELIST)
CM Number: 10100
OPERATING SYSTEM: Solaris 7
MISSION APPLICATION NAME: Enhanced Logistics Intratheater Support Tool
TECHNICAL POC: Kenneth W. Dritz
Decision and Information Sciences Division
Argonne National Laboratory
9700 S. Cass Ave.
Argonne, IL 60439
dritz@anl.gov

DOCUMENTATION AFFECTED: Installation Procedures (IP)
REQUEST:
To combine the Installation Procedures (IP) document for this segment with those of the other ELIST segments.

RATIONALE:
The installation and deinstallation of this segment are intimately related to those of the other six segments of the ELIST mission application, and all seven segments must be installed to use the features of ELIST. Certain steps must be taken, and certain choices considered, to prepare for the installation of these segments, and certain special requirements come into play between the installation of individual segments or when segments are deinstalled and replaced with later versions. For all these reasons, as well as to allow installation guidelines common to all the segments to be expressed in one place and to allow for helpful cross-referencing between the installation (or deinstallation) instructions of one segment and those of another, the roles and functions of the IP documents normally associated with the seven segments individually have been combined into a single IP document. All the information that would have been provided in seven separate IP documents is available in this one document. There are clearly identified sections for each segment. This organization of the material is believed to be uncommonly helpful to the end user (the installer).

MITIGATION STRATEGY:
Because much would be lost by conforming rigidly to the one-IP-per-segment expectation, there are no plans to do so.
Documentation Waiver Request

SEGMENT DESIGNATION: ELIST Reference Data Segment (ELIST)
CM Number: 10100
OPERATING SYSTEM: Solaris 7
MISSION APPLICATION NAME: Enhanced Logistics Intratheater Support Tool
TECHNICAL POC: Kenneth W. Dritz
Decision and Information Sciences Division
Argonne National Laboratory
9700 S. Cass Ave.
Argonne, IL 60439
dritz@anl.gov

DOCUMENTATION AFFECTED: Software Test Plan (STP), Software Test Description (STD), and Software Test Report (STR)
REQUEST: To combine the Software Test Plan (STP), Software Test Description (STD), and Software Test Report (STR) documents for this segment into a single combined Software Test Plan/Description/Report (STP/STD/STR) document, and furthermore to combine the STP/STD/STR document for this segment with those of the other ELIST segments.

RATIONALE: Several of the ELIST segments are passive (data) segments for which the only appropriate test is the verification that the segment appears in the Segment Installer’s list of currently installed segments after installation. The installation and deinstallation testing of other segments involves verification that PostInstall and DEINSTALL behave as anticipated when interacting with the system administrator. Functional testing of the two software segments benefits from a carefully orchestrated order of testing, so that verified features can be used to verify other features. For all these reasons, and because there is really only one Software Test Plan for the entire ELIST mission application, it makes eminent sense to combine several manuals as described in the Request. All the information that would have been presented in separate documents is available in the combined document, with a minimum of repetition. This organization recognizes the essential unity of the ELIST mission application and the uselessness of individual ELIST segments except in the context of the mission application as a whole.

MITIGATION STRATEGY: It is not practical or useful to conform to the rigid document guidelines concerning the STP/STD/STR documents, and there are no plans to do so.

26 February 2002
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