GCCS System Integration Support

LOGSAFE Users Manual

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1.0 SCOPE

1.1 Identification

This users manual addresses the Global Command and Control System (GCCS), Joint Operation Planning and Execution System (JOPES), Logistics Sustainment Analysis and Feasibility Estimator (LOGSAFE) Version 2.7.2 functionality.

The manual follows requirements in the MIL-STD-498, Data Item Description (DID), DI-IPSC-81443, "Software User Manual (SUM)." Portions of the DID have been tailored out and are marked as appropriate.

1.2 System Overview

LOGSAFE produces Time-Phased Force and Deployment Data (TPFDD) requirements for Non-Unit Related Cargo (NURC). Cargo is defined as all equipment and supplies requiring transportation to an area of operations, other than that identified as unit equipment or as accompanying supplies of a specific unit.

NURC can constitute much of the transportation requirements for an Operations Plan (OPLAN), especially a large one where little prepositioned supplies are available. Because of this, the LOGSAFE application plays an important role in deliberate and time-sensitive transportation planning.

LOGSAFE is a complex application; however, it has been developed for ease of use, even for the first-time user. LOGSAFE supports the following actions:

- Extracting OPLAN force lists from the JOPES Core database.
- Using Service logistics planning factors from the JOPES Core database, modified by the user as appropriate, to calculate time-phased transportation requirements for over 40 classes and subclasses of supply needed to support the force.
- Posting requirements to the appropriate Operation Plan (OPLAN) in the JOPES Core database as Cargo Increment Numbers (CINs). These CINs specify the subclass and quantities of cargo to be moved from points of origin to theater ports of debarkation. They also specify the timeframe in which the movement is to occur and any special handling requirements for the cargo.
- Saving all or portions of an analysis as files which may be retrieved and/or combined with the results of other sessions at a later date. A session is defined as a single user running LOGSAFE to generate requirements associated with a specific OPLAN or subset of that OPLAN.

LOGSAFE interacts with other JOPES applications. Transportation requirements for Class 4A (Construction Materials), Class 8A (Medical Supplies), and Class 8B (Blood and Fluids) can be imported by LOGSAFE from the Joint Engineer Planning and Execution System (JEPES) and the Medical Planning and Execution System (MEPES) applications. LOGSAFE sends requirements for these supplies to the JOPES Core database as CINs along with requirements for other supplies.

A LOGSAFE report containing model results is shown in Figure 1.2-1, Browse Unchannelized NURCs Report.

Browse Unchannelized NURCs

Options

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UO r g	M v t	Seq Num	Origin Geo	Origin CC	>----POE----< Geo	POE CC	POE ALD	POE MS	>------POD------< Geo	POD CC	POD EAD	POD LAD	POD MS	POD CCC	H L C	SC	Fuel Type	FM ID	PO r g	STON	MTON	MBBL
F	Q	10102	AQBJ	06	AQBJ	06	1	XX	XPQF	UN	2	5	AK	JDB		1S		ALL	F	11.2	11	0
F	Q	10103	AQBJ	06	AQBJ	06	0	XX	XPQF	UN	5	20	SE	JDB		1S		ALL	F	45.4	45	0
F	Q	10104	AQBJ	06	AQBJ	06	0	XX	XPQF	UN	10	25	SE	JDB		1S		ALL	F	54.0	54	0
F	Q	10105	AQBJ	06	AQBJ	06	0	XX	XPQF	UN	15	30	SE	JDB		1S		ALL	F	122.4	122	0
F	Q	10106	AQBJ	06	AQBJ	06	10	XX	XPQF	UN	25	40	SE	JDB		1S		ALL	F	130.9	131	0
F	Q	10107	AQBJ	06	AQBJ	06	20	XX	XPQF	UN	35	50	SE	JDB		1S		ALL	F	141.1	141	0
F	Q	10108	AQBJ	06	AQBJ	06	30	XX	XPQF	UN	45	60	SE	JDB		1S		ALL	F	220.6	221	0
F	Q	10109	AQBJ	06	AQBJ	06	45	XX	XPQF	UN	60	75	SE	JDB		1S		ALL	F	220.8	221	0
F	Q	10110	ADKB	SA	AQBJ	06	0	LG	ADLQ	SA	0	0	SE	JAD		1W		ALL	F	0.0	0	1
F	Q	10111	ADKB	SA	AQBJ	06	0	LG	ADLQ	SA	0	10	SE	JAD		1W		ALL	F	0.0	0	2
F	Q	10112	ADKB	SA	AQBJ	06	0	LG	ADLQ	SA	0	15	SE	JAD		1W		ALL	F	0.0	0	2
F	Q	10113	ADKB	SA	AQBJ	06	0	LG	ADLQ	SA	5	20	SE	JAD		1W		ALL	F	0.0	0	4
F	Q	10114	ADKB	SA	AQBJ	06	0	LG	ADLQ	SA	10	25	SE	JAD		1W		ALL	F	0.0	0	4
F	Q	10115	ADKB	SA	AQBJ	06	0	LG	ADLQ	SA	0	5	SE	JAD		1W		ALL	F	0.0	0	2
F	Q	10116	ADKB	SA	AQBJ	06	0	LG	ADLQ	SA	15	30	SE	JAD		1W		ALL	F	0.0	0	10
F	Q	10117	ADKB	SA	AQBJ	06	10	LG	ADLQ	SA	25	40	SE	JAD		1W		ALL	F	0.0	0	11
F	Q	10118	ADKB	SA	AQBJ	06	20	LG	ADLQ	SA	35	50	SE	JAD		1W		ALL	F	0.0	0	11
F	Q	10119	ADKB	SA	AQBJ	06	30	LG	ADLQ	SA	45	60	SE	JAD		1W		ALL	F	0.0	0	17
F	Q	10120	ADKB	SA	AQBJ	06	45	LG	ADLQ	SA	60	75	SE	JAD		1W		ALL	F	0.0	0	17
F	Q	10121	ADKB	SA	AQBJ	06	0	LG	XPQF	UN	0	0	SE	JAD		1W		ALL	F	0.0	0	0
F	Q	10122	ADKB	SA	AQBJ	06	0	LG	XPQF	UN	0	10	SE	JAD		1W		ALL	F	0.0	0	1
F	Q	10123	ADKB	SA	AQBJ	06	0	LG	XPQF	UN	0	15	SE	JAD		1W		ALL	F	0.0	0	1
F	Q	10124	ADKB	SA	AQBJ	06	0	LG	XPQF	UN	5	20	SE	JAD		1W		ALL	F	0.0	0	1
F	Q	10125	ADKB	SA	AQBJ	06	0	LG	XPQF	UN	10	25	SE	JAD		1W		ALL	F	0.0	0	1
F	Q	10126	ADKB	SA	AQBJ	06	0	LG	XPQF	UN	0	5	SE	JAD		1W		ALL	F	0.0	0	0
F	Q	10127	ADKB	SA	AQBJ	06	0	LG	XPQF	UN	15	30	SE	JAD		1W		ALL	F	0.0	0	3
F	Q	10128	ADKB	SA	AQBJ	06	10	LG	XPQF	UN	25	40	SE	JAD		1W		ALL	F	0.0	0	3

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Figure 1.2-1. Browse Unchannelized NURCs Report

In Figure 1.2-1, the using organization is "F" (for Air Force). Other values describe transportation requirements data for various classes of supply. Column headings in this window are described fully in Table 5.3.3.6.2-1, Unchannelized NURC Report Content. (Note: LOGSAFE windows displayed throughout this manual contain hypothetical information used to demonstrate window content. The actual information displayed does not relate to any specific scenario.)

CINs in the JOPES Core database that were generated by LOGSAFE can be viewed and modified, if desired, using the Requirements Development and Analysis (RDA) application.

As a general rule, LOGSAFE is used by Service component logistics planners. CINs generated by the application are forwarded, along with the rest of the component TPFDD, for merging by the Unified Command.

Each user of LOGSAFE is allocated individual table space in the ORACLE database. This space is used to store data associated with a LOGSAFE session.

LOGSAFE's principal functionality has been migrated from the Worldwide Military Command and Control System (WWMCCS) mainframe environment to the client/server environment of the GCCS. The application is installed at Unified and Specified Commands, Service Component Commands, and selected training organizations.

1.3 Document Overview

This document is organized into six sections and three appendices:

- Section 1: Scope identifies the content and purpose of this document, describes the LOGSAFE application, and provides a document overview.
- Section 2: References lists references applicable to this manual.
- Section 3: Software Summary provides technical information about LOGSAFE's software. This section is supported by Appendix A, LOGSAFE Software.
- Section 4: Access to the Software contains step-by-step procedures oriented to the new user. This section is supported by Appendix B, Access to the Software.
- Section 5: Processing Reference Guide, provides detailed procedures for using LOGSAFE.
- Section 6: Notes, contains a list of acronyms used in this manual as well as a glossary of commonly used terms.
- Appendix A: Software Summary
- Appendix B: Access to the Software
- Appendix C: Information, Warnings, and Error Messages

1.3.1 Document Conventions

The following are typographic conventions used throughout the LOGSAFE Users Manual:

[ ] -- Braces surround names of keyboard keys that are pressed by the user.
For example: Press Meta **[◆]** key.

{ } -- Brackets surround button selections and window options that are clicked with the mouse.

For example:
Double-click **{UTC}** with the mouse button.
OR,
Click on **{OK}**.

Boldface -- Menu paths descriptions, menu headings, field options, window names, and screen parameters are in boldface type in order to express emphasis to the user.

The term "window" is not part of screen names, thus, the term is not in boldface type when the actual window name is being emphasized.

Example: The **Forces Report- View by Service** window is reached by....”

Sequential screen selections are separated with an “->”.

Examples:

Edit -> Change is used to commit a change to an individual line on a modify window

File -> Apply commits changes made to lines on a window to the users table space. Because paths to subordinate menus are selections, **“->”** is also used to describe menu paths.

Simultaneous screen selections (either button or menu) with the **[Control]** key being pressed:

Example:

[Control]+{XPQF}->{LYRE} indicates the user should hold down the **[Control]** key on the keyboard while simultaneously clicking on geolocation selections with the mouse.

1.3.2 Acronyms and Terms

The user should refer to Paragraph 6.1 for an acronym list and Paragraph 6.2 for glossary terms used throughout this document. Wherever possible an acronym has been defined the first time it was used. However, depending on where an acronym first appears may have justified it not being defined immediately, (e.g., in a table, or in an explanation of screen parameters, field options, etc.).

2.0 REFERENCED DOCUMENTS

The following documents were used in preparing this manual, or are referred to within this manual, to provide additional information to the user:

a. Military Standard Software Development and Documentation (MIL-STD-498), Data Item Description DI-IPSC-81443, Software User Manual (SUM), December 5, 1994.

b. Defense Information Systems Agency, Joint Operation Planning and Execution System (JOPES) "How To" Guide, Washington, D.C., April 8, 1996.

c. Defense Information Systems Agency, Joint Operation Planning and Execution System (JOPES) Users Guide, Washington, D.C., May 15, 1996.

3.0 SOFTWARE SUMMARY

Section 1.0, Scope, provides an overview of LOGSAFE and its interfaces with other GCCS JOPES applications.

Technical information about LOGSAFE's software and operating environment is contained in Appendix A, Software Summary.

4. 0 ACCESS TO THE SOFTWARE

Appendix B, Access to the Software, describes how the first-time or occasional user of LOGSAFE can access the software before learning the details of its functional capabilities.