

625-EED-004, Rev. 02

EOSDIS Evolution and Development (EED) Contract

Training Material for the EED Contract Volume 4: Data Distribution

Revision 02

September 2013

Raytheon Company
Riverdale, Maryland

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Preface

This document is a formal contract deliverable. It requires Government review and approval within 45 business days. Changes to this document will be made by document change notice (DCN) or by complete revision.

Any questions should be addressed to:

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Revision History

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Abstract

This is Volume 4 of a series of lessons containing the training material for the EED Contract. This lesson provides a detailed description of the process required for data distribution.

Keywords: training, instructional design, course objective, distribution, data distribution, Product Distribution System, Order Management Subsystem, OMS, Order Manager, Release 8.2

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Contents

Preface

Abstract

Introduction

| | |
|---------------------------|---|
| Identification | 1 |
| Scope..... | 1 |
| Purpose..... | 1 |
| Status and Schedule | 1 |
| Organization..... | 1 |

Related Documentation

| | |
|---|---|
| Parent Documents | 3 |
| Applicable Documents..... | 3 |
| Information Documents | 3 |
| Information Documents Referenced..... | 3 |
| Information Documents Not Referenced..... | 4 |

Data Distribution Overview

| | |
|-------------------------|----|
| Lesson Overview | 5 |
| Lesson Objectives | 5 |
| Importance | 11 |

Slide Presentation

| | |
|-------------------------------------|----|
| Slide Presentation Description..... | 13 |
|-------------------------------------|----|

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Introduction

Identification

Training Material Volume 4 is part of Contract Data Requirements List (CDRL) Item 23, which is a required deliverable under the EED Contract (NNG10HP02C).

Scope

Training Material Volume 4 describes the process and procedures for data distribution. This lesson is designed to provide the operations staff with sufficient knowledge and information to satisfy all lesson objectives.

Purpose

The purpose of this Student Guide is to provide a detailed course of instruction that forms the basis for understanding data distribution. Lesson objectives are developed and will be used to guide the flow of instruction for this lesson. The lesson objectives will serve as the basis for verifying that all lesson topics are contained within slide presentation material.

Status and Schedule

This lesson module provides detailed information about training for the current baseline of the system. Revisions are submitted as needed.

Organization

This document is organized as follows:

- | | |
|------------------------|---|
| Introduction: | The Introduction presents the document identification, scope, purpose, and organization. |
| Related Documentation: | Related Documentation identifies parent, applicable and information documents associated with this document. |
| Student Guide: | The Student Guide identifies the core elements of this lesson. All Lesson Objectives and associated topics are included. The Student Guide consists of a Slide Presentation is reserved for all slides used by the instructor during the presentation of this lesson. |

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Related Documentation

Parent Documents

The parent documents are the documents from which the EED Training Material's scope and content are derived.

423-CDRD-001 Statement of Work for EOSDIS Evolution and Development Contract
Contract Data Requirements Document for EED Task 01, 02 & 03

Applicable Documents

The following documents are referenced within this EED Training Material, or are directly applicable, or contain policies or other directive matters that are binding upon the content of this document:

423-46-01 Goddard Space Flight Center, Functional and Performance Requirements Specification for the Earth Observing System Data and Information System (EOSDIS) Core System (ECS) Science Data Processing System (EED F&PRS)

Information Documents

Information Documents Referenced

The following documents are referenced herein and amplify or clarify the information presented in this document. These documents are not binding on the content of the EED Training Material.

609-EED-001, Rev. 02 Release 8.2 Operations Tools Manual for the EED Contract
611-EED-001, Rev. 02 Release 8.2 Mission Operation Procedures for the EED Contract

Information Documents Not Referenced

The following documents, although not referenced herein and/or not directly applicable, do amplify or clarify the information presented in this document. These documents are not binding on the content of the EED Training Material.

305-EED-001, Rev. 02 Release 8.2 Segment/Design Specifications for the EED Project.
311-EED-001, Rev. 02 Release 8.2 INGEST (INS) Database Design and Schema Specifications for the EED Project.
311-EED-002, Rev. 02 Release 8.2 Order Manager Database Design and Database Schema Specifications for the EED Project.
311-EED-003, Rev. 02 Release 8.2 Spatial Subscription Server (SSS) Database Design and Schema Specifications for the EED Project.
311-EED-005, Rev. 02 Release 8.2 Archive Inventory Management (AIM) Database Design and Schema Specifications for the EED Project.

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Data Distribution Overview

Lesson Overview

This lesson will provide you with the complete process by which the Distributed Active Archive Center (DAAC) personnel perform data distribution, including order management using the Order Manager (OM) graphical user interface (GUI). The processes described in the lesson apply to Distribution Technicians. The procedures involved in OM GUI operation include such tasks as launching the OM GUI, responding to an open intervention, viewing distribution request information, viewing a completed intervention, and checking OM queue status.

Lesson Objectives

Overall Objective - The overall objective of the Data Distribution lesson is for personnel involved in maintenance and operation of the Earth Observing System Data and Information System (EOSDIS) Core System (ECS) to develop proficiency in the procedures that apply to data distribution.

Condition - The student will be given oral or written information and requirements for performing data distribution activities, access to the Data Server Subsystem, access to the OM GUI, a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - The student will perform data distribution activities in accordance with the prescribed procedures without error.

Specific Objective 1 - The student will describe the general functions and processes associated with data distribution.

Condition - The student will be given written or oral questions concerning the general functions and processes associated with data distribution.

Standard - The student will state without error the general functions and processes associated with data distribution in accordance with the lesson content and the applicable procedures.

Specific Objective 2 - The student will perform the steps involved in logging in to system hosts.

Condition - The student will be given a statement of the requirements for logging in to system hosts, access to the Data Server Subsystem (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will access the command shell, set the DISPLAY environmental variable, and log in to the specified host using secure shell and the specified user ID.

Specific Objective 3 - The student will perform the steps involved in monitoring/controlling data distribution requests, including configuring data distribution polling, filtering data distribution requests, changing the priority of distribution requests, suspending/resuming distribution requests, and canceling distribution requests.

Condition - The student will be given a statement of the requirements for monitoring/controlling data distribution requests, access to the previously launched Data Distribution Operator GUI in the Data Server Subsystem (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will monitor/control data distribution requests (including configuring data distribution polling, filtering requests, and changing the status of distribution requests as directed) and respond to questions concerning the current status of distribution requests.

Specific Objective 4 - The student will perform the steps involved in launching the Order Manager (OM) GUI.

Condition - The student will be given a statement of the requirements for launching the OM GUI, access to system hosts (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will log in to an appropriate host using secure shell, enter the command to start the Netscape browser, enter the URL to access the OM GUI in the specified mode, and enter the appropriate user name and password in the security dialogue box.

Specific Objective 5 - The student will perform the steps involved in viewing open intervention information on the OM GUI.

Condition - The student will be given a statement of the requirements for viewing open intervention information on the OM GUI, access to the previously launched OM GUI (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will use the OM GUI to select the Open Interventions link and the Open Intervention Detail page for a specific open intervention and will respond to questions concerning the intervention.

Specific Objective 6 - The student will perform the steps involved in responding to an open intervention using the OM GUI.

Condition - The student will be given a statement of the requirements for responding to an open intervention using the OM GUI, access to the previously launched OM GUI (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will use the OM GUI to select the Open Interventions link, select the specified intervention, assign self to work on the intervention, select the appropriate attributes for the intervention, apply the attributes, and confirm the disposition of the intervention.

Specific Objective 7 - The student will perform the steps involved in monitoring and controlling distribution requests on the OM GUI.

Condition - The student will be given a statement of the requirements for monitoring and controlling distribution request information on the OM GUI, access to the previously launched OM GUI (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will use the OM GUI to select the Distribution Requests link and respond to questions concerning distribution request status, change the priority of a distribution request (if applicable), suspend, resume, cancel, resubmit, or stop a distribution request (if applicable), view open intervention information (if applicable), edit ftp push parameters (if applicable), view operator alerts (if applicable), view to staging requests (if applicable), and/or view ftppush distribution requests (if applicable).

Specific Objective 8 - The student will perform the steps involved in changing the priority of a distribution request using the OM GUI.

Condition - The student will be given a statement of the requirements for changing the priority of a distribution request using the OM GUI, access to the previously launched OM GUI (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will use the OM GUI to select the priority from the option button in the Priority column of the row associated with the specified request and apply the selected priority.

Specific Objective 9 - The student will perform the steps involved in suspending, resuming, canceling, resubmitting, or stopping a distribution request using the OM GUI.

Condition - The student will be given a statement of the requirements for suspending, resuming, canceling, resubmitting, or stopping a distribution request using the OM GUI, access to the previously launched OM GUI (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will use the OM GUI to click on the appropriate button in the Action column of the row associated with the request, respond to the applicable dialogue box(es), initiate an intervention to resubmit the specified request (if resubmitting a request), specify the appropriate attributes of the intervention as specified in the requirements (if resubmitting a request), and confirm the disposition of the intervention (if resubmitting a request).parameters.

Specific Objective 10 - The student will perform the steps involved in viewing operator alerts on the OM GUI.

Condition - The student will be given a statement of the requirements for viewing operator alerts on the OM GUI, access to the previously launched OM GUI (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will use the OM GUI to select the Operator Alerts link, respond to questions concerning specific alerts as displayed on the Operator Alerts page, select the corresponding details link in the Alert Info column, and respond to questions concerning alert details as displayed on the detail page.

Specific Objective 11 - The student will perform the steps involved in viewing a completed operator action or intervention using the OM GUI.

Condition - The student will be given a statement of the requirements for viewing a completed operator action or intervention using the OM GUI, access to the previously launched OM GUI (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will use the OM GUI to select the Request Management link, select the Completed Operator Actions & Interventions link, and respond to questions concerning a specified completed action or intervention as displayed on the Completed Operator Actions and Interventions page.

Specific Objective 12 - The student will perform the steps involved in viewing and responding to suspended ftp push distribution destinations using the OM GUI.

Condition - The student will be given a statement of the requirements for viewing and responding to suspended ftp push distribution destinations using the OM GUI, access to the previously launched OM GUI (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will use the OM GUI to select the FtpPush Monitor link, select the Suspended Destinations link, respond to questions concerning the information displayed on the Suspended Destinations page, select the Resume button to resume a suspended destination, either enter the destination name (for a destination to be suspended) in the Destination Name textbox or type the host name in the FTP Node textbox, and select the Suspend button to suspend an active destination.

Specific Objective 13 - The student will perform the steps involved in checking and modifying OM queue status using the OM GUI.

Condition - The student will be given a statement of the requirements for checking and modifying OM queue status using the OM GUI, access to the previously launched OM GUI

(using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will use the OM GUI to select the OM Status Pages link, select the OM Queue Status link, respond to questions concerning OM queue status, select the appropriate state from the correct Change State option button as directed, and apply the state change(s).

Specific Objective 14 - The student will perform the steps involved in checking staging status using the OM GUI.

Condition - The student will be given a statement of the requirements for checking staging status, access to the previously launched OM GUI (using a workstation), a copy of 609-EED-001 Revision 01 *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will use the OM GUI to select the OM Status Pages link, select the Media Type link or FTP Push Destination link as directed, and respond to questions concerning staging status as displayed on the staging status pages.

Specific Objective 15 - The student will perform the steps involved in checking and modifying OM configuration parameters.

Condition - The student will be given a statement of the requirements for checking and modifying OM configuration parameters, access to the previously launched OM GUI (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will use the OM GUI to select the OM Configuration link, select the Aging Parameters, Server/Database, Media or FTP Push Policy link as directed, respond to questions concerning configuration parameters as displayed on the configuration parameters pages, enter the new value(s) in the textbox(es) for the relevant parameter(s), and apply the new value(s).

Specific Objective 16 - The student will perform the steps involved in adding a destination to the frequently used destinations list.

Condition - The student will be given a statement of the requirements for adding a destination to the frequently used destinations list, access to the previously launched OM GUI (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will use the OM GUI to select the OM Configuration link, select the FTP Push Policy link, select the Add a Destination button, enter value(s) in the textbox(es) for the relevant attribute(s)/parameter(s) as directed, select the retry mode from the option button as directed, enter the applicable text in the Notes textbox as directed, apply the values entered for the new destination, and confirm the new destination.

Specific Objective 17 - The student will perform the steps involved in viewing the OM GUI log.

Condition - The student will be given a statement of the requirements for viewing the OM GUI log, access to the previously launched OM GUI (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will use the OM GUI to select the Logs link, select the OM GUI Log Viewer link, enter the appropriate number of lines to be displayed (as directed), initiate viewing of the log, and respond to questions concerning entries in the OM GUI log.

Specific Objective 18 - The student will perform the steps involved in viewing and adding Data Access Services Configuration on the OM GUI.

Condition - The student will be given a statement of the requirements to view and add a Data Access Service on the OM GUI, access to the previously launched OM GUI (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will use the OM GUI to select the OM Configuration – Data-Access Processing link and the Data Access Services Configuration page for a specific open intervention and will respond to questions concerning the intervention.

Specific Objective 19 - The student will perform the steps involved in preparing an input file for use with the OMS Configuration CI.

Condition - The student will be given a statement of the requirements for preparing an input file for use with the OMS Configuration CI, access to system hosts (using a workstation), a copy of 609-EED-001 Revision 01, *Release 8.2 Operations Tools Manual for the EED Contract*, and a copy of 611-EED-001 Revision 01, *Release 8.2 Mission Operation Procedures for the EED Contract*.

Standard - In accordance with the lesson content, the applicable procedure, and the statement of requirements the student will access a terminal window logged in to the Linux Server host, enter the path to the “utilities” directory, use text editor commands to create a file that specifies the relevant values (as directed) to be sent to the OMS.

Importance

This lesson applies to students who will be Distributed Active Archive Center (DAAC) Distribution Technicians. The lesson will provide them with the knowledge and skills needed when performing their assigned tasks. Those tasks include the following types of activities:

- Launching the Data Distribution Operator GUI.
- Monitoring/controlling data distribution requests.
- Using the OMS configuration script (OMS Configuration CI)
- Modifying system parameters.

The lesson describes why and how the activities are performed. Consequently, the students will become aware of what tasks they will be performing on the job and how to accomplish those tasks.

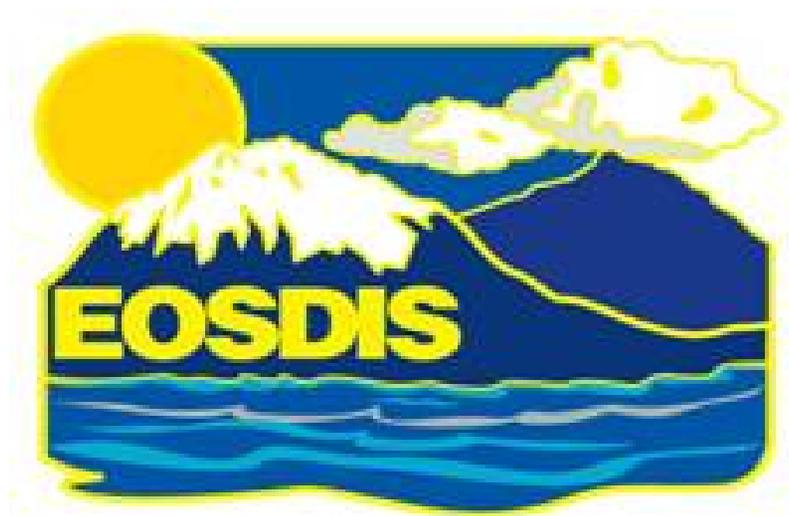
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Slide Presentation

Slide Presentation Description

The following slide presentation represents the slides used by the instructor during the conduct of this lesson.

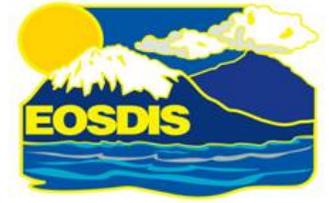
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Data Distribution

September 2013

Overview of Lesson



- ❑ **Distribution Concepts**
 - System Context Diagram
- ❑ **Order Manager (OM) Subsystem**
 - Support for External Processors
 - Flow Diagram
 - OM Server Components
- ❑ **Order Manager Services**
 - OM GUI Functionalities
- ❑ **Order Manager GUI**
 - System Hosts Login
 - OM GUI Home Page
 - Operator Security
 - Active Tools
 - Order Manager (OM) GUI Operations

Distribution Concepts



- ❑ **Data Distribution is accomplished at the Distributed Active Archive Centers (DAACs).**
- ❑ **DAAC Operator manages order distribution requests using a web browser and performs direct updates to the Order Manager Service (OMS) Database.**
- ❑ **The Order Manager Service (OMS) manages all data orders via:**
 - **EWOC** [EOSDIS ClearingHOuse (ECHO) Web Service Distribution Language (WSDL) Ordering Component (OC)].
 - **Data Pool (DPL)** – talks directly to OMS.
 - **Spatial Subscription Server (NBSRV)** – talks directly to OMS; automatic product request generated based on subscription criteria.
 - **DataAccess requested processing** – allows users to specify ESI processing options when selecting granules from a collection by use of a Reverb form.

Distribution Concepts (cont.)

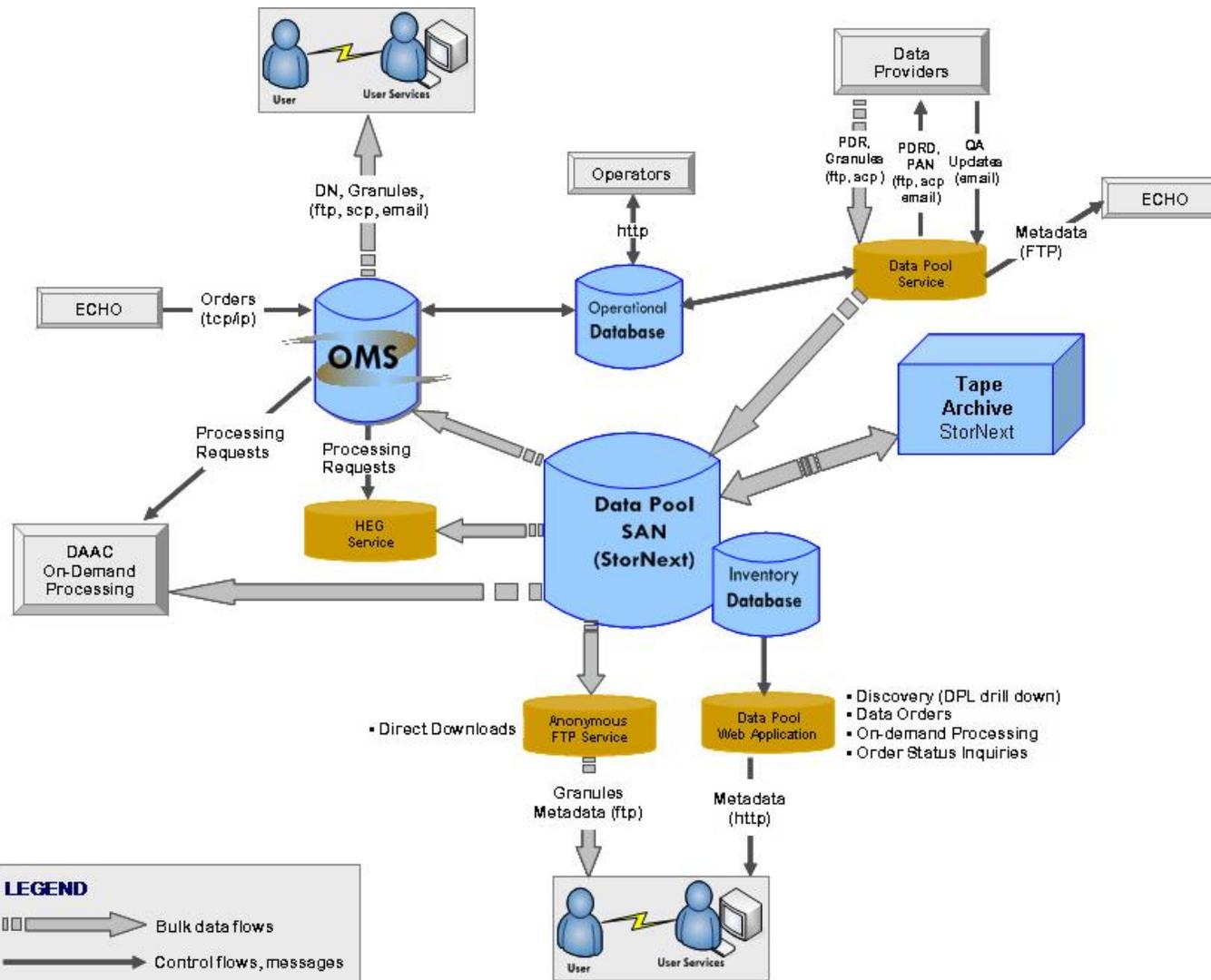


- ❑ **OM Server validates all data order requests received into the OM Subsystem (OMS), then dispatches each validated request to the appropriate order-fulfillment service.**

- ❑ **OMS manages distribution of data by two methods:**
 - 1 – Electronically (directly distribute data from staged files linked to DPL storage directory):**
 - FtpPush and SCP (Secure Copy Protocol).
 - FtpPull.

Distribution Concepts

System Context Diagram (cont.)



Order Manager Subsystem

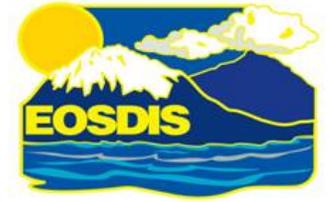
Support for External Processors



- OMS manages order from Reverb, ECHO and the External Processor via EWOC.
- OMS creates links for each ordered public granule in the hidden DPL and creates links from the FtpPull directory or distribution.
- OMS Graphical User Interface (GUI) allows managing and distributing orders directly to the OM database.
- EWOC registers external processing “orders” with OMS.
- EPD registers external processing “outputs” with OMS.
- OMS distributes external processing and DataAccess outputs like any other data.
- OMS displays external processing and DataAccess orders.

Order Manager Subsystem

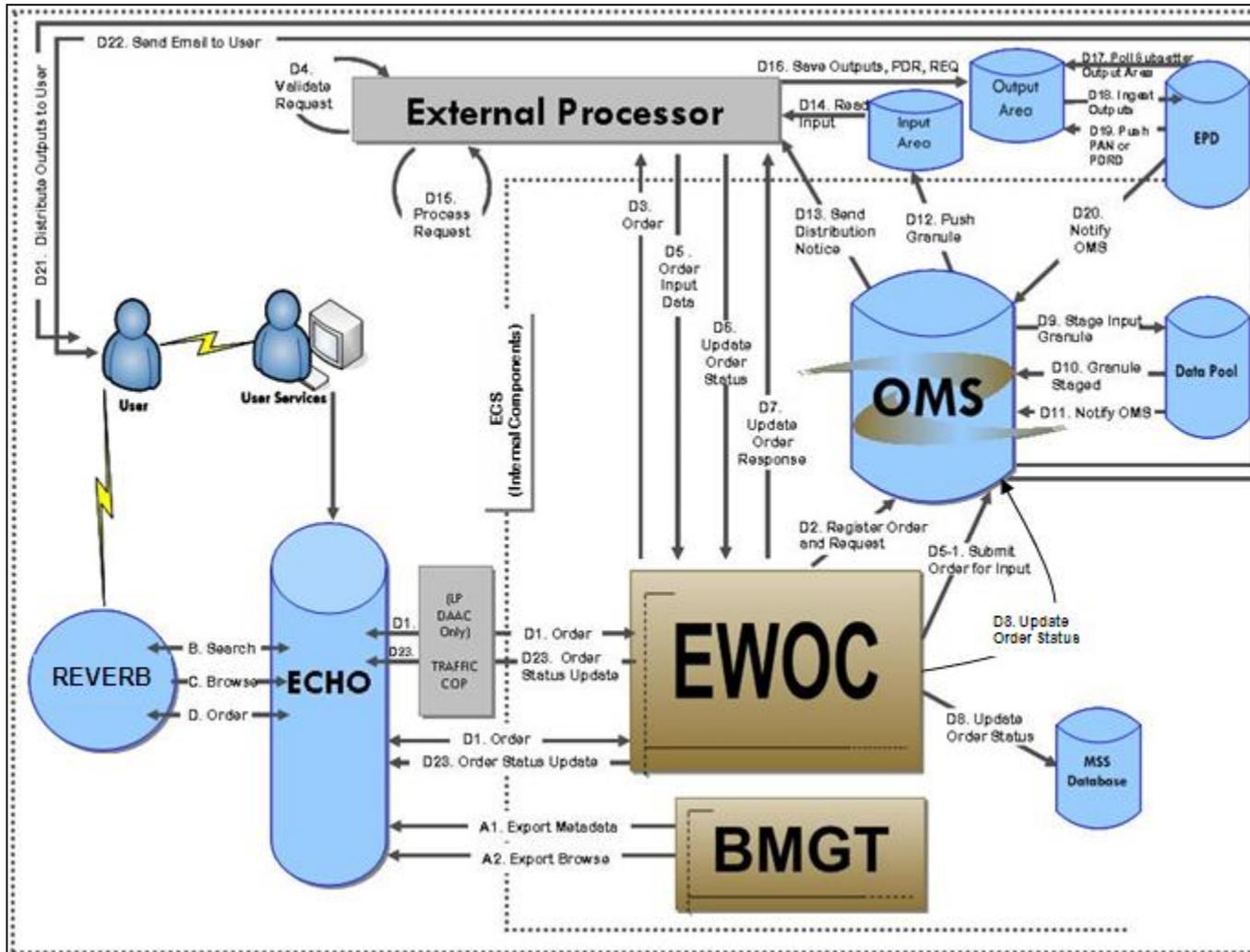
Support for External Processors (cont.)



- ❑ **OMS distributes external processing outputs like any other data (e.g., Data Access processing outputs):**
 - OMS displays external processing orders with associated labels.
 - DAAC can configure separate DN preamble, FTP Pull expiration.
 - Operator actions are disabled until OMS has control; No resubmit.
 - Operator can suspend/cancel/stop/resume acceptance of orders for external processor.

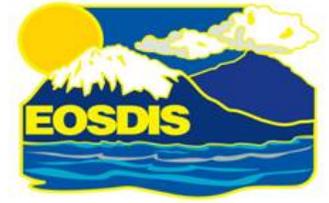
- ❑ **Some Support for ASTER On-Demand:**
 - No granule identifiers in DN.
 - [.REQ] file is not distributed.
 - PDR changes (backwards compatible).

Order Manager Subsystem Context Diagram for EP Requests



Order Manager Subsystem

OM Server Components



❑ **OM Server has two major parts:**

1 – Sybase ASE Server:

- COTS SW application handling order management-related interactions with the Order Management database.

2 – Order manager (OM) GUI:

- Allows viewing and modifications of requests by Operator.
- Permits suspend, resume, cancel, resubmit or modify functions.

Order Manager Services

OM GUI Functionalities

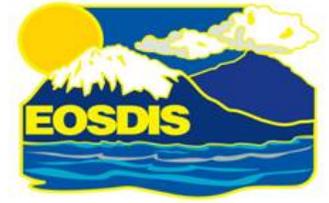


❑ **General functions and processes associated with data distribution operations can be performed as follows:**

- Logging into the system.
- Viewing/Responding to Open Interventions
- Viewing/Filtering Completed Operator Actions and Interventions
- Viewing/Filtering Distribution Requests Data
- Filtering Processing Service Requests
- Filtering FtpPush/SCP (or Staging) Requests
- Handling Operator Alerts
- Viewing/Responding to Suspended FTP Push Distribution Destinations
- Viewing Historical Distribution Requests
- Viewing Historical Processing Requests

Order Manager Services

OM GUI Functionalities (cont.)



- ❑ **General functions and processes associated with data distribution operations can be performed as follows:**
 - Viewing Staging Status
 - Viewing Data Pool File System Status
 - Checking/Modifying Assigned Values of OMS Server and Database Parameters
 - Adding/Deleting User Email Address that will receive ODL Metadata File
 - Adding/Deleting User Email Address that will receive Checksum File

Order Manager Services

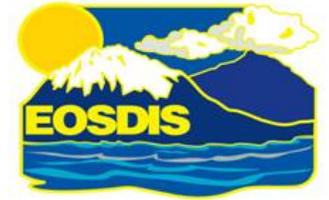
OM GUI Functionalities (cont.)



- ❑ **General functions and processes associated with data distribution operations can be performed as follows:**
 - Checking/Modifying External Processing and Data Access Services Configurations
 - Viewing/Modifying FtpPush/SCP Policy Configurations
 - Viewing Distribution Requests Order Status Pages
 - Viewing the OM GUI Log

Order Manager GUI

System Hosts Login



- ❑ **Activating the OM GUI requires a terminal with a host logon to access a recommended web browser, i.e., Mozilla 5.0+, Netscape 7+, Firefox 3.5+, generic “Mozilla” for Linux or UNIX.**

❑ **Procedure: Logging into the System**

- Enter **URL** (`http://x5iil01.<DAAC_extension>:<port>`).
- Enter Security Login **Prompt** information.

❖ **Figure: Prompt dialog box**

The image shows a "Prompt" dialog box with a light gray background and a title bar. At the top, the text reads "Enter username and password for 'OMS Realm' at p2dps01.pvc.ecs.nasa.gov:22421". Below this, there are two input fields: "User Name:" with a red "Username" placeholder and "Password:" with a red "Password" placeholder. At the bottom, there is a checkbox labeled "Use Password Manager to remember these values." which is currently unchecked. Two buttons, "OK" and "Cancel", are located at the bottom right. The "OK" button is highlighted with a red rectangular border.

- Click **OK** to launch the Order Manager GUI (Home Page).

Order Manager GUI

OM GUI Home Page



❖Figure: Order Manager GUI (Home Page)

The screenshot shows the Order Manager GUI Home Page in a Mozilla Firefox browser window. The browser address bar displays `http://f4spl01.hitc.com:22491 - OM GUI - DEV09 MODE - Mozilla Firefox`. The page title is "Synergy V Order Manager GUI". The main content area includes a welcome message, a list of features, and a warning about running in ADMIN mode. The left sidebar contains a navigation menu and login information.

Menu Bar

GUI Navigation Tool

OM GUI Menu and Submenu Options

- Request Management
- Destination Monitor
- Archive Data
- OM Status Pages
- OM Configuration
- Help
- Physical Media Distribution
- View Order Status
- Logs
- Admin Tools

Operator Log In/Out Indicators.

If in Admin Mode, optional Admin Tools Menu and Mode Warning

Warning!
You are running in ADMIN mode.

Home Page (OM GUI Main Window)

Left pane – Menu Options

Right pane – Menu Options Display

The Order Manager GUI allows a DAAC operator to completely manage order distribution requests from a web browser and directly update the Order Manager Service (OMS) Database.

The OMS GUI has several features, some of which are new to the Synergy V release. Here is a list of just some of the major functionalities of the OMS GUI:

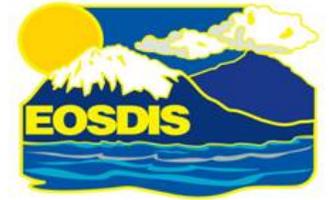
- View Distribution Requests and associated granules
- Manage Physical Media Creation
- Suspend, Resume, Cancel, Stop or Resubmit Requests
- Fix common problems with Requests
- Change Request attributes, change granules for a request
- View Operator Alerts
- Monitor for suspended FTPPush/Scp destinations and their requests
- Manage HEG requests
- Configure the OMS database

If you are new to this GUI, feel free to visit the Help page, which contains complete details on operations scenarios and other useful topics.

*The Order Manager GUI (v3.0) has been tested for use with Netscape 7.2
You are currently using Mozilla/5.0 (Windows; U; Windows NT 5.1; en-US; rv:1.8.1.11) Gecko/20071127 Firefox/2.0.0.11*

Order Manager GUI

OM GUI Home Page (cont.)



Order Manager GUI Menu

| Navigation Menu Option | Submenu Options | |
|---|--|---|
| <input type="checkbox"/> Request Management provide options to manage all validated requests; provide interventions capabilities; and process subsetting. It also allow Operators to fix common problems with requests within the OMS GUI. | <ul style="list-style-type: none"> ▪Open Interventions ▪Completed Actions & Interventions ▪Distribution Requests [filter] | <ul style="list-style-type: none"> ▪Processing Service Requests [filter] ▪FtpPush/SCP Requests [filter] ▪Staging Requests [filter] ▪Operator Alerts |
| <input type="checkbox"/> Destination Monitor provide monitoring capability to suspend distributions and resume them. | <ul style="list-style-type: none"> ▪Suspended Destinations | |
| <input type="checkbox"/> Archive Data is the repository for all historically distributed and processed requests. | <ul style="list-style-type: none"> ▪Historical Distribution Requests [filter] | <ul style="list-style-type: none"> ▪Historical Processing Requests [filter] |
| <input type="checkbox"/> OM Status Page displays summary information of current request processing states i.e., suspended or active, for each media server or email. | <ul style="list-style-type: none"> ▪OM Queue Status ▪Staging Status: <ul style="list-style-type: none"> –Media Type –FTP Push Destination –SCP Destination | <ul style="list-style-type: none"> ▪DPL File System Status |

Order Manager GUI

OM GUI Home Page (cont.)



Order Manager GUI Menu

| Navigation Menu Options | Submenu Options | |
|---|---|---|
| <input type="checkbox"/> OM Configuration allows Operator to configure aging rules for each priority level – Aging Parameters; to set database and server parameters, which affect the entire system – Server/Database Configuration; and to set and adjust media types attributes – Media Configuration. Provides checksum validation on OMS distributed files, which allow Users to perform validity tests against their granules. | <ul style="list-style-type: none"> ▪Aging Parameters ▪Server/Database <ul style="list-style-type: none"> –[All] –[queue], [cleanup], [email], [media], [staging], [partition], [misc.] | <ul style="list-style-type: none"> ▪Media ▪ODL Metadata Users ▪Checksum Users ▪External Processing ▪FtpPush/SCP Policy |
| <input type="checkbox"/> Help provide guidelines to using the OMS GUI. | <ul style="list-style-type: none"> ▪About HelpOnDemand... | <ul style="list-style-type: none"> ▪Help |
| <input type="checkbox"/> View Order Status provides a visual display of viewing multiple levels of a particular order status. | <ul style="list-style-type: none"> ▪OM GUI Order Status | |
| <input type="checkbox"/> Logs displays a log viewer – a convenient diagnostic tool that displays all current activity in the OM GUI. Records of every running page and stored procedure are recorded in the log file located under « cgi-bin/logs » directory. | <ul style="list-style-type: none"> ▪OM GUI Log Viewer | |
| <input type="checkbox"/> Admin Tools administers and maintains FC or LC Operator’s read (r) and/or read/write (rw) permissions to all fields of every OM GUI pages. | <ul style="list-style-type: none"> ▪Server/Database Parameters ▪Media Parameters ▪Aging Parameters | <ul style="list-style-type: none"> ▪FtpPush Policy ▪Action Pages ▪Profile Management |

Order Manager GUI Operator Security



OM GUI Operator Security Capabilities

| Role | Capability |
|--|---|
| <input type="checkbox"/> Full-Capability (FC) Operator | <ul style="list-style-type: none">▪ Primary level activities do not limited the ability to configure parameters; view all levels of interventions activities; view and change actions for distribution request lists and detailed information; monitor and configure OM Server and OM Database parameters; etc. |
| <input type="checkbox"/> Limited-Capability (LC) Operator | <ul style="list-style-type: none">▪ Secondary level activities are limited to the basic functionality of monitoring and viewing. |
| <input type="checkbox"/> Administrator | <ul style="list-style-type: none">▪ Administrators read and/or read/write permissions to FC and/or LC Operators for the purpose of viewing, monitoring, configuring, and/or maintaining all fields of the OM GUI. |

Order Manager GUI

Active Tools



❑ Active Tools for OM GUI Pages:

▪ Frame A: Browser “Find in this Page (Ctrl+F)” search tool:

- The browser search menu option features keyword search of the data within the current screen (page) display.

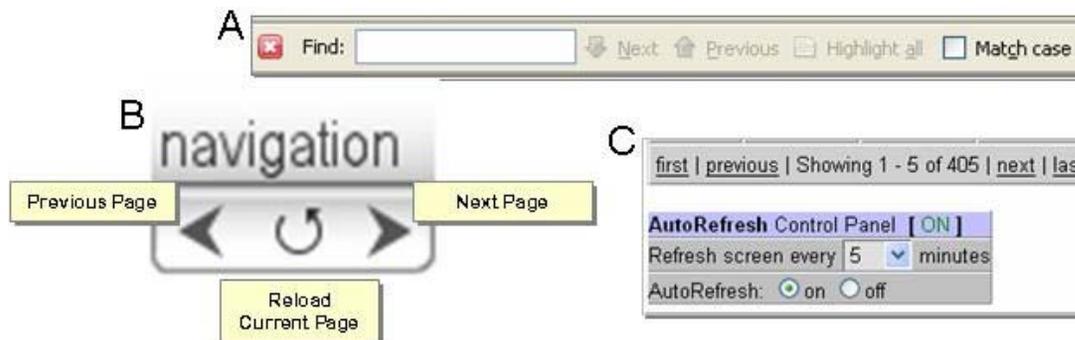
▪ Frame B: OM GUI navigation tool:

- Features ability to review previous/next page or to reload current page show on the OM GUI.

▪ Frame C: OM GUI AutoRefresh tool:

- The AutoRefresh Control Panel, displayed at bottom of most OM GUI pages, can be set to automatically reload an active page by designated minutes.

❖ Figure: Find (A), Navigation (B) and AutoRefresh (C) Tools



Order Manager GUI

Request Management



□ OM GUI – REQUEST MANAGEMENT

- **The Operator is provided options to manage, monitor and control open/completed interventions. Allowing intervention capabilities helps to ensure eligible requests, from varying order sources, are distributed or handled appropriately. The action to process subsetting is also available. Non-fatal errors and warnings related to data space/storage, ftpPush/SCP destination, and server warnings are functions handled within the OM GUI.**
- **Request Management submenus:**
 - Open Interventions.
 - Completed Actions & Interventions.
 - Distribution Requests [filter].
 - Processing Service Requests [filter].
 - FtpPush/SCP Requests [filter].
 - Staging Requests [filter].
 - Operator Alerts.

OM GUI

Request Management (cont.)

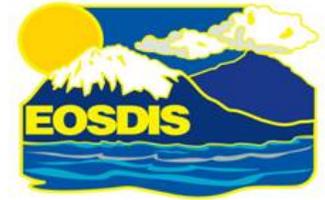


□ Request Management – Open Interventions

- **Provides list of all the currently open Operator interventions that require action. Interventions can be managed using a Change Filter, Bulk Fail and/or Bulk Submit features on the page.**
- **Interventions activities performed to:**
 - Select a different granule to replace an unavailable granule.
 - Fail selected granule(s). [**NOTE:** A permanent action that cannot be canceled after a confirmed action.]
 - Change the attributes (distribution medium, disable limit checking, update parameters and [.XML] to [.ODL] format conversion) for a request.
 - Attributes changes to update FtpPush/SCP parameters option will edit the existing (related) FtpPush information when the intervention is closed.
 - Change the disposition: Resubmit, Fail, or Partition (divide) a request.
- **Failing a granule is a permanent action, if confirmed, cannot be canceled.**
- **Standard media capability limits for a particular media type (i.e., FtpPush, FtpPull, SCP) can be override, using the Disable Limit Checking attributes options.**
- **The Reset button on pages, it simply resets the Request Level Disposition options to their original value.**

OM GUI

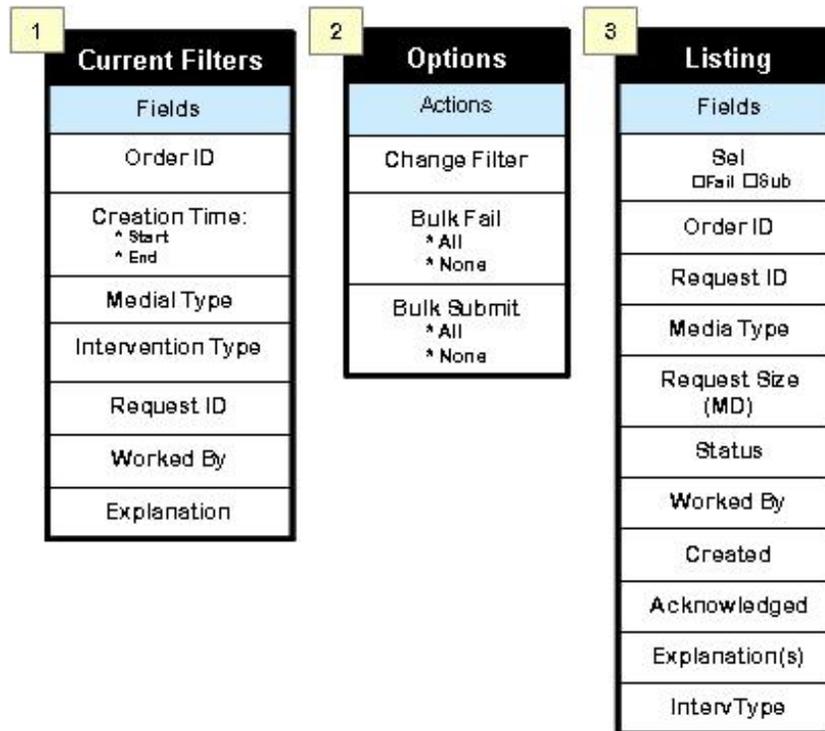
Request Management (cont.)



Request Management – Open Interventions

Open Interventions Page has three working parts:

- 1 – Current Filter (Frame 1) – pre-defined filter criteria.
- 2 – Options (Frame 2) – features to change filter, bulk fail or bulk submit requests.
- 3 – Listing (Frame 3) – requested distribution filtered output.



OM GUI

Request Management (cont.)

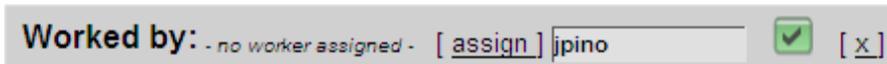


□ Request Management – Open Interventions

▪ Procedure: Viewing/Responding to Open Interventions

- Click **Request Management** menu, then click submenu **Open Interventions**.
- Specify the **Show <number> rows at a time** display: Under Listing, select **20**.
- Organize/Sort page by creation time, in ascending order: Click **Created** label.
- Display detailed data of order: Click a specified **Order ID <number>**.
- View Open Interventions For Request <ID> details: Click a specified **Request ID <number>**.
- Assign a Worker: Click the **assign** link and enter **<employeeID>** in input box, then click the **green-checked** button to confirm.

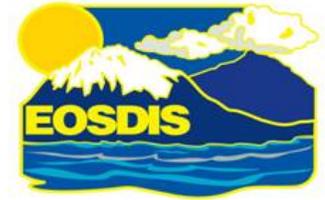
❖ Figure: Worker Assignment



- Manually Fail Granule: Under **Granule List** section, Locate **Explanation**, “**Manual fail required**” and click **Fail** checkbox, then click **Submit Actions** button.
- Change granule attributes to alter the characterization or features, under **Request Attributes** section, click **Change Media to** arrow and choose new type; click **Change Priority to** arrow and select new priority; click **Disable limit checking** checkbox to disable size limit.

OM GUI

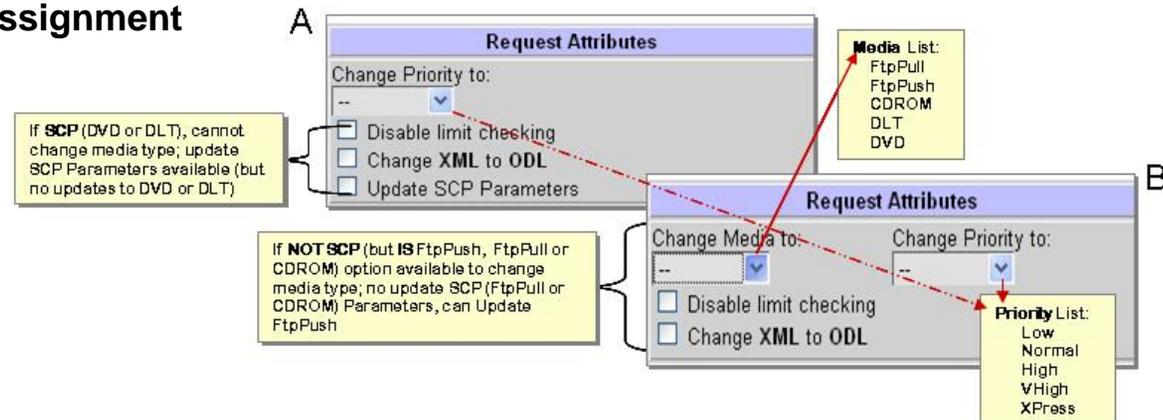
Request Management (cont.)



Request Management – Open Interventions

Procedure: Viewing/Responding to Open Interventions (cont.)

❖ Figure: Worker Assignment



➤ Change **Request Disposition**: Click **Fail Request** option, then click **Apply** to commit changes.

❖ Figure: Request Level Disposition

Request Level Disposition

- Keep on hold
- Submit
- Fail Request
- Partition [Interval: day(s) and hours]

➤ Close the Close Interventions page, as appropriate by entering **Additional e-mail text**, if sending e-mail message to the requester or click **Don't send e-mail** checkbox, then click **OK**.

➤ Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

OM GUI Request Management (cont.)



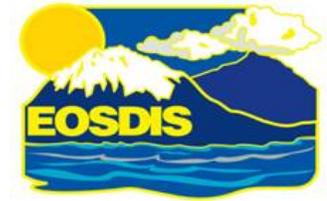
Request Management – Open Interventions

❖ Figure: Open Interventions Page

| Open Interventions | | | | | | | | | | | |
|---|--------------------------|--|----------------------------|--|-------------------|---------|-----------|---------------------|---------------------|---|-----------------------|
| Current Filters | | | | | | | | | | | |
| Order ID: None | | Request ID: None | | Worked By: None | | | | | | Explanation: ALL | |
| Creation Time: | | Start: Jan 9 2007 10:42AM | | End: Jan 10 2008 10:42AM | | | | | | | |
| Media Type: | | | | Explanation: ALL | | | | | | | |
| Intervention Type: ALL | | | | | | | | | | | |
| Options | | | | | | | | | | | |
| Change Filter | | Bulk Fail | | Bulk Submit | | | | | | | |
| | | <input type="checkbox"/> All <input type="checkbox"/> None | | <input type="checkbox"/> All <input type="checkbox"/> None | | | | | | | |
| Click on a request ID to view more details. | | | | | | | | | | | |
| Listing | | | | | | | | | | | |
| Go directly to row <input type="text" value="ok"/> of 540 rows Show <input type="text" value="50"/> rows at a time. | | | | | | | | | | | |
| first previous Showing 1 - 50 of 540 next last | | | | | | | | | | | |
| Sel | Fail | Order ID | Request ID | Media Type | Request Size (MB) | Status | Worked By | Created | Acknowledged | Explanation(s) | IntervType |
| <input type="checkbox"/> | <input type="checkbox"/> | 2000013584 | 2000013940 | FtpPush | 2 | PENDING | | Jan 9 2008 3:16PM | | Failed transferring Request Canceled Transfer failed | Operator Intervention |
| <input type="checkbox"/> | <input type="checkbox"/> | 2000013582 | 2000013938 | FtpPush | 2 | PENDING | | Jan 9 2008 12:14PM | | Ftp Login Errors Request Canceled Transfer failed | Operator Intervention |
| <input type="checkbox"/> | <input type="checkbox"/> | 2000013577 | 2000013933 | FtpPush | < .5 | IN-WORK | omsadmin | Jan 9 2008 11:22AM | Jan 9 2008 11:38AM | FtpPush Directory does not Exist or No Write Permission Transfer failed | Operator Intervention |
| <input type="checkbox"/> | <input type="checkbox"/> | 2000013566 | 2000013922 | FtpPush | 154 | PENDING | | Dec 18 2007 12:48PM | | Request Resubmitted | Operator Intervention |
| <input type="checkbox"/> | | 2000013464 | 2000013820 | DLT | 11 | PENDING | | Dec 18 2007 12:42PM | | Media Creation Stopped | Media Creation Error |
| <input type="checkbox"/> | <input type="checkbox"/> | 2000013561 | 2000013917 | FtpPush | < .5 | PENDING | | Nov 27 2007 1:38PM | | Ftp Login Errors Transfer failed | Operator Intervention |
| <input type="checkbox"/> | <input type="checkbox"/> | 2000013560 | 2000013916 | FtpPush | < .5 | IN-WORK | omsadmin | Oct 18 2007 4:16PM | Oct 25 2007 12:05PM | Failed by Operator Transfer failed | Operator Intervention |
| <input type="checkbox"/> | <input type="checkbox"/> | 2000013559 | 2000013915 | FtpPush | < .5 | PENDING | | Oct 18 2007 4:11PM | | Failed transferring Transfer failed | Operator Intervention |
| <input type="checkbox"/> | | 2000009817 | 2000010182 | DVD | 154 | PENDING | | Oct 16 2007 9:24AM | | Media Creation Error | Media Creation Error |

OM GUI

Request Management (cont.)



Request Management – Open Interventions

❖ Figure: Interventions For Request <ID> Page

Intervention For Request 0300082129

| | |
|---|--|
| Order ID: 0300083871 Request ID: 0300082129 Input Size: 119 estimated MB Media Type: scp Priority: VHIGH Explanation(s): Transfer failed Worked by: - no worker assigned - [assign] | User ID: labuser(labuser@eos.hito.com) Created: Apr 17 2007 11:04AM Acknowledged: Request Status: Operator Intervention Metadata Format: XML |
|---|--|

Granule List

Go directly to row of 1 row Show rows at a time.
[first](#) | [previous](#) | Showing 1 - 1 of 1 | [next](#) | [last](#)

| Granule ID | DPL ID | ESDT | Type | In Size (MB) | Out Size (MB) | Status | Explanation | Action |
|------------|--------|--------|-------------|--------------|---------------|--------|--|-------------------------------|
| 124256 | | 157831 | AST_L1B.003 | SC | 118.753 | FAILED | scp Copy Server is down <i>Manual fail required</i> | Fail <input type="checkbox"/> |

Select all

[first](#) | [previous](#) | Showing 1 - 1 of 1 | [next](#) | [last](#)

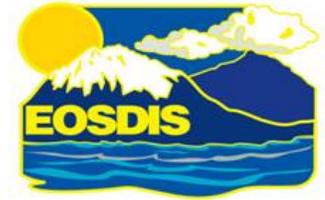
| | |
|---|---|
| <p>Request Attributes</p> Change Priority to: <input type="text" value="--"/> <input type="button" value="v"/> <input type="checkbox"/> Disable limit checking <input type="checkbox"/> Change XML to ODL <input type="checkbox"/> Update SCP Parameters | <p>Request Level Disposition</p> <input checked="" type="radio"/> Keep on hold <input type="radio"/> Submit <input type="radio"/> Fail Request <input type="radio"/> Partition [Interval: <input type="text"/> day(s) and <input type="text"/> hours] |
|---|---|

Operator Notes
0 of 255 max characters

NOTE: Update FtpPush/SCP parameters option, edits the existing FtpPush information when the intervention is closed. Option appears on confirmation page for FtpPush/SCP media types)

OM GUI

Request Management (cont.)



Request Management – Completed Operator Actions and Interventions

- Displays all recently closed interventions, including those that have been resubmitted, partitioned or failed. By default, the interventions are filtered by “completion time,” within the last 24 hours.
- Operator defined filtered results displays on page as described in this table:

****Hard Media actions
Obsolete in Release 8.1**

| 1 | Filter | 2 | filter display |
|---|--|---|-------------------|
| | Options | | Fields |
| | Intervention Type: <input type="checkbox"/> All <input type="checkbox"/> None | | Order Id |
| | Intervention Types : • Activate Media for QC • Activate Request • Assemble Package • Collect Media for QC • Dismount Media from Production • HEG Error • Media Creation Error • Mount Media for Production • Mount Media for QC • Operator Intervention • QC Failed | | Request Id |
| | Worked By | | User ID |
| | Completion Time: <input type="checkbox"/> Apply <input type="checkbox"/> Reset | | Size (MB) |
| | | | Media |
| | | | Worked By |
| | | | Intervention Type |
| | | | Created |
| | | | Completed |
| | | | Disposition |

OM GUI

Request Management (cont.)



- ❑ Request Management – Completed Operator Actions and Interventions
 - Procedure: Viewing/Filtering Completed Operator Actions and Interventions
 - Click Request Management menu, then click submenu Completed Actions and Interventions.
 - ❖ Figure: Completed Operator Actions and Interventions (only two Interventions types exists)

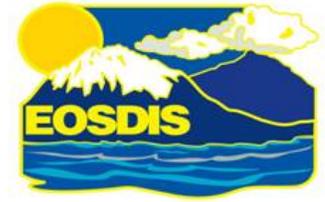


| Order Id | Request Id | User ID | Size (MB) | Media | Worked By | Intervention Type | Created | Completed | Disposition |
|----------|------------|--------------------|-----------|-------|-----------|-------------------|---------|-----------|-------------|
| first | previous | Showing 0 - 0 of 0 | next | last | | | | | |

- Specify the **Show <number> rows at a time** display: Under Filter, select **20**.
- To define the filter criteria: Under the **Filter** section, select one or more **Intervention Type**; select an available User or All Users from the **Worked By** list box, then define the **Completion Time** (the start to end times). Finally, click the **Apply** button to apply the filter.
- The Completed Operator Actions and Interventions page refreshes with the filtered results.
- To display detailed information of a request, click a **Request Id <number>** link in the list to display the **Completed Operator Action For Request <ID>** page.

OM GUI

Request Management (cont.)



Request Management – Completed Operator Actions and Interventions

Procedure: Viewing/Filtering Completed Operator Actions and Interventions

- ▶ To view Processing Instructions (details) related to a granule ID: Click the **View...** link, under **Processing Instructions** column heading in the **Granule List** section of page. Click the **red-X close window** text to return to the **Completed Operator Action For Request <ID>** page.

❖ Figure: Completed Operator Action For Request <ID> Page

COMPLETED OPERATOR ACTION FOR REQUEST 0300004074

User Id: ECSGuest email: oladele_ogunsuyi@raytheon.com Priority: NORMAL

| Order Id | Size (MB) | Media | Worked By | Intervention Type | Created | Completed | Disposition | Explanation |
|------------|-----------|-------|-----------|-----------------------|--------------------|-----------|-------------------|-------------------------------|
| 0300003691 | 49 | CDROM | | Activate Media for QC | Apr 15 2005 1:49PM | | Request Activated | Waiting For device assignment |

Granule List

Go directly to row of 2 rows Show rows at a time.

[first](#) | [previous](#) | Showing 1 - 2 of 2 | [next](#) | [last](#)

| DBID | ESDT Type | Size (MB) | Status | Processing Instructions | Explanation |
|-------------------------------|-------------------|-----------|--------|-------------------------|-------------|
| 21221 DPL Granule ID: 1432 | MOD13A2.004 SC | 18.702 | STAGED | View... | |
| 21219 DPL Granule ID: 45 | MOD13A2.004 SC | 30.369 | STAGED | View... | |

[first](#) | [previous](#) | Showing 1 - 2 of 2 | [next](#) | [last](#)

OPERATOR NOTES

View... links to the granule processing instructions window.

- ▶ Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

OM GUI

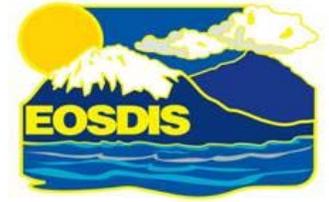
Request Management (cont.)



- ❑ **Request Management – Distribution Requests [filter]**
 - **The Distribution Request page allows Operators (either full-capability or limited-capability) the ability to filter and view lists of all currently distributed requests processed through Order Manager from all order sources. The data distribution functions eligible on requests:**
 - Suspend new request processing.
 - Suspend or cancel individual requests.
 - Change the priority of any request.
 - **In addition to these capabilities, the Operator can view extensive details of FTP Push distribution and staging requests by selecting order id or request id column links.**
 - **OM GUI pages are tracked with a Session ID, which provides the Operator quick access to filter options used during a particular session:**
 - For example, an individual Operator's previously defined filter criteria can be retrieved from the Session data so the filter criteria do not have to be redefined every time.

OM GUI

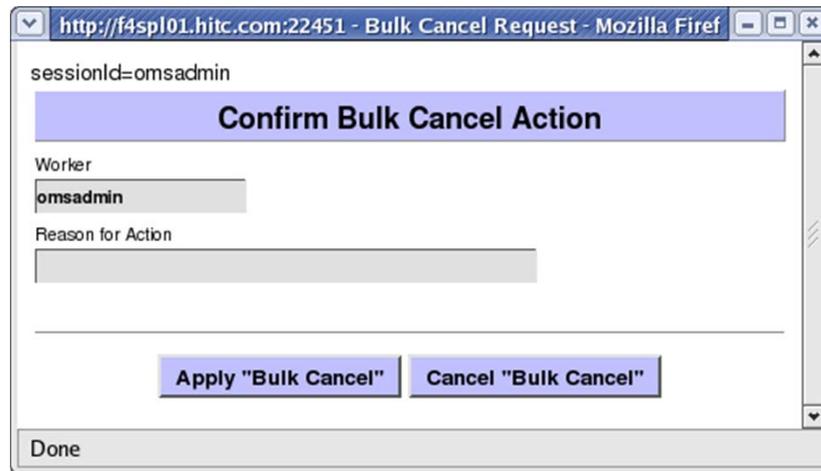
Request Management (cont.)



❑ Request Management – Distribution Requests [filter]

▪ Open Interventions Page has three working parts:

- 1 – Current Filter (Frame 1) – pre-defined filter criteria.
- 2 – Options (Frame 2) – change filter, bulk cancel, bulk claim, bulk resubmit.
 - *Bulk Cancel* – Any Physical Media requests that are bulk cancelled, the media volumes for these requests will be considered dismounted.



- -
 - *Bulk Claim* – Operator interventions can be bulk claimed using this button.
 - *Bulk Resubmit* – Select All or No eligible requests for Bulk Cancel or Resubmit
- 3 – Listing (Frame 3) – captures requested distributions filtered output.

OM GUI

Request Management (cont.)



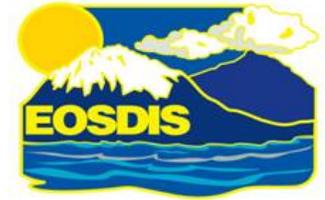
□ Request Management – Distribution Requests [filter]

▪ Procedure: Viewing/Filtering Distribution Requests Data

- Click **Request Management** menu, then click submenu **Distribution Requests [filter]**.
- To perform a specific action (suspend, resume, cancel resubmit or stop a distribution request) on a distribution request from the **Actions** column options, on the page:
 - Click the appropriate **Action** button associated with the request (or the **appropriate button** in the **Action** row on the Distribution Request Detail page), then click the **applicable response** from the associated actions dialog box.
- To define the filter criteria: Under the **Options** section, click the **Change Filter** button to display two filter criteria sections for **Individual** or **Combined Filters**. Then create a combined filter as follows:
 - Select a **Start Time** and **End Time**.
 - Make multiple **Status Select** selections using the **<Ctrl>** key.
 - Select **All** for **Media Type Select**.
 - click **Apply Combined Filters** button.
- The Distribution Requests Filters window closes and displays the Distribution Requests results.
- Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

OM GUI

Request Management (cont.)



Request Management – Distribution Requests [filter]

❖ Figure: Distribution Requests Page and Filter Window

Distribution Request page working sections.

RequestID displays:

1. Distribution Request <D> Data
2. Request Notes (↑ 2040 characters)
3. Profile Information
4. Request Granules information:
 - a) DBID
 - b) ESDT Type
 - c) Processing Instructions

Individual or combined filtering capability.

Priority:
 Low
 Normal
 High
 VHigh
 XPress

| Set | Ord. Typ | OrderID | Request Size(MB) | Gran. Cnt | Media | Priority | Request Status | ESDT | UserID | Resub. Cnt | Created | Last Update | Actions |
|--------------------------|----------|--------------------------|------------------|-----------|---------|---------------------------|----------------|-------------|----------|------------|-----------------------|-----------------------|----------|
| <input type="checkbox"/> | HEG | 0800001513 0800001515 | 30 | 1 | FtpPull | | Shipped | MOD13A2.004 | ECSGuest | 0 | Jan 17 2008 1:29PM | Jan 17 2008 1:31PM | Resubmit |
| <input type="checkbox"/> | HEG | 0800001509 0800001491 | 30 | 1 | FtpPull | | Cancelled | MOD13A2.004 | ECSGuest | 2 | Jan 17 2008 9:38AM | Jan 17 2008 1:27PM | Resubmit |
| <input type="checkbox"/> | HEG | 0800001506 0800001428 | 30 | 1 | FtpPull | | | | | | | | Resubmit |
| <input type="checkbox"/> | HEG | 0800001505 0800001521 | 24 | 1 | FtpPull | NORMAL | | | | | | | Resubmit |
| <input type="checkbox"/> | HEG | 0800001494 0800001527 | 87 | 1 | FtpPull | NORMAL LOW | | | | | | | Cancel |
| <input type="checkbox"/> | HEG | 0800001493 0800001535 | 192 | 1 | FtpPull | NORMAL VHIGH XPRESS | | | | | | | Cancel |
| <input type="checkbox"/> | HEG | 0800001492 0800001514 | 581 | 1 | FtpPull | NORMAL | | | | | | | Resubmit |
| <input type="checkbox"/> | HEG | 0800001444 0800001526 | 564 | 1 | FtpPull | | | | | | | | Resubmit |

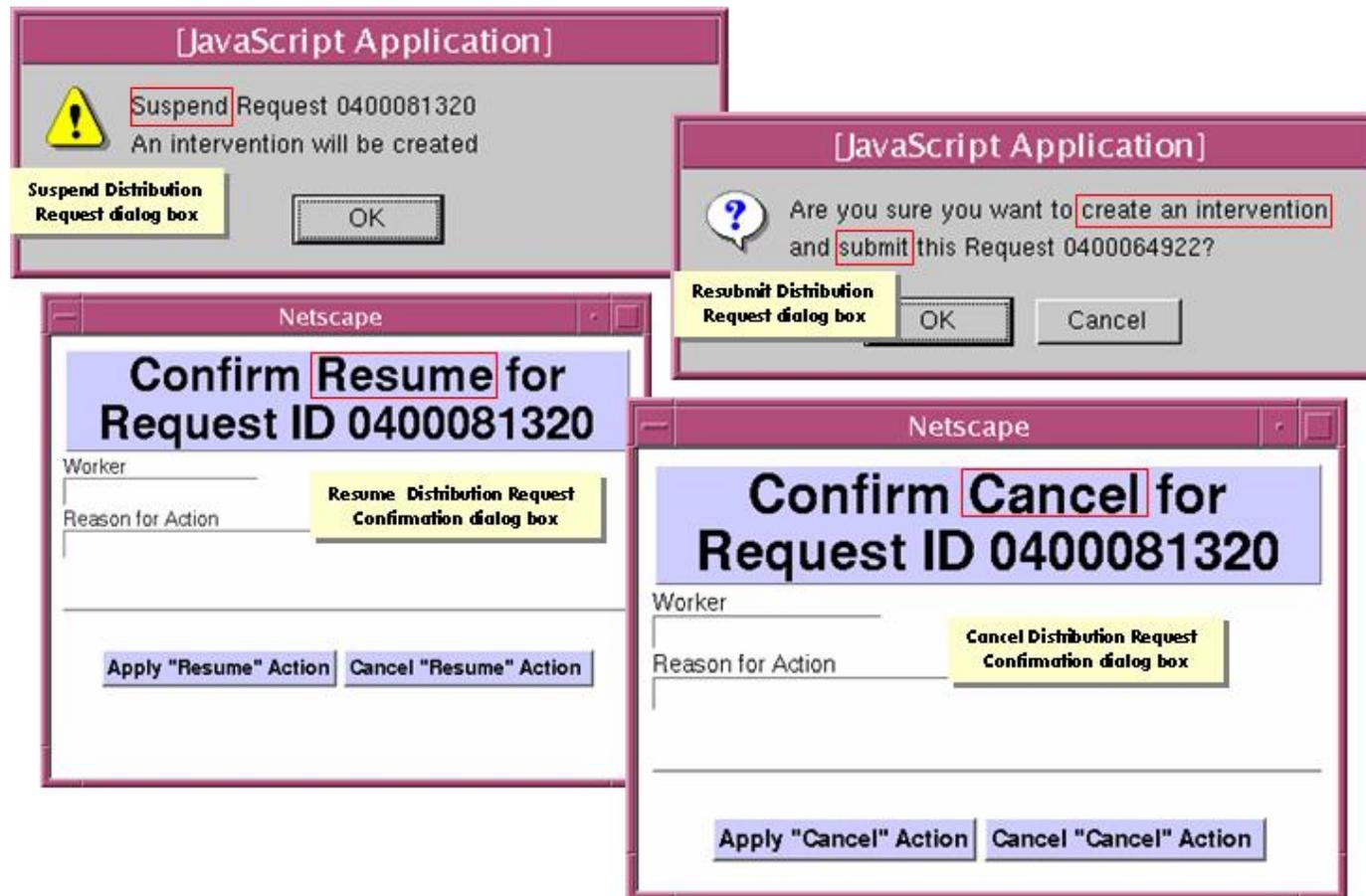
OM GUI

Request Management (cont.)



Request Management – Distribution Requests [filter]

❖ Figure: Distribution Requests Actions Response Dialog Boxes



OM GUI

Request Management (cont.)



- ❑ **Request Management – Processing Service Requests [filter]**
 - **The Processing Service Requests page allows Operators (either full-capability or limited-capability) the ability to cancel or suspend the external processing requests still under OMS control. However, requests under the external system can not be canceled or suspended by the Operator.**
 - **Processing Services Filter includes options to filter on external processing service (external subsetter requests). DataAccess processing requests are viewed through the regular distribution request screen with a filter (OrderType=DA).**

OM GUI

Request Management (cont.)

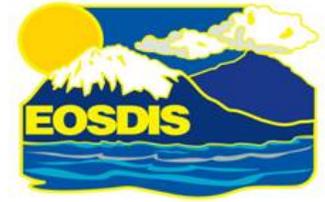


□ Request Management – Processing Service Requests [filter]

▪ Procedure: Filtering Processing Service Requests

- Click **Request Management** menu, then submenu **Processing Service Requests [filter]**.
- To define a combined filter criteria:
 - Under the **Options section**, click the **Change Filter** button to display the **Processing Service Requests Filters** window.
 - Under the **Combined Filter** section of the filter, select **criteria**:
 - Request Creation Date (Start Time) = “**01 01 2007**”
 - Status Select = **All** button
 - Media Type Select = **All** button
 - Process Service Select = **All** button
 - Click the **Apply Combined Filters** button, to apply the combined filter criteria and refresh the **Processing Service Requests** page.
- Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

OM GUI Request Management (cont.)



Request Management – Processing Service Requests [filter]

❖ Figure: Processing Services Requests Page (A) and Filter (B)

A

Processing Service Requests

Current Filters
 Order ID: None Request ID: None EMail: None Ref Name: None Last Name: None
 Creation Time: Start: Mar 19 2007 10:29AM End: May 1 2007 04:52PM User ID: None

Options

Listing
 Go directly to row of 63 rows Show rows at a time.
[first](#) | [previous](#) | Showing 37 - 20 of 63 | [next](#) | [last](#)

| OrderID RequestID | Processor | Request Size(MB) | Gran Cnt | Media | Priority | Request Status | ESDT | UserID | Resub Cnt | Created | Last Update | Actions |
|--|----------------------|------------------|----------|---------|---|-----------------------|-------------|----------|-----------|---------------------|---------------------|---|
| 0800011037 0800017024 | external subsetter 1 | 0 | 1 | FtpPull | NO PBAAL <input type="button" value="Apply"/> | Operator Intervention | MULTIPLE | ECSGuest | 0 | Apr 25 2007 1:14PM | Apr 25 2007 1:17PM | <input type="button" value="Inactive"/> |
| 0800011032 0800017020 | external subsetter 1 | 0 | 1 | FtpPull | NO PBAAL <input type="button" value="Apply"/> | Operator Intervention | MULTIPLE | ECSGuest | 0 | Apr 25 2007 10:45AM | Apr 25 2007 10:48AM | <input type="button" value="Inactive"/> |
| 0800011030 0800017018 | external subsetter 1 | 0 | 1 | FtpPull | <input type="button" value="Options to change priority"/> | Operator Intervention | MULTIPLE | ECSGuest | 0 | Apr 25 2007 10:45AM | Apr 25 2007 10:48AM | <input type="button" value="Inactive"/> |
| 0800010997 0800016985 | external subsetter 1 | 0 | 1 | FtpPull | | Shipped | MULTIPLE | ECSGuest | 0 | Apr 25 2007 10:45AM | Apr 25 2007 10:48AM | <input type="button" value="Inactive"/> |
| 0800010995 0800016983 | external subsetter 1 | 0 | 1 | FtpPull | | Shipped | MULTIPLE | ECSGuest | 0 | Apr 25 2007 10:45AM | Apr 25 2007 10:48AM | <input type="button" value="Inactive"/> |
| 0800010993 0800016981 | external subsetter 1 | 0 | 1 | FtpPull | | Shipped | MULTIPLE | ECSGuest | 0 | Apr 25 2007 10:45AM | Apr 25 2007 10:48AM | <input type="button" value="Inactive"/> |
| 0800010987 0800016975 | external subsetter 1 | 0 | 1 | FtpPull | | Terminated | MOD13A2.004 | ECSGuest | 0 | Apr 25 2007 10:45AM | Apr 25 2007 10:48AM | <input type="button" value="Inactive"/> |
| 0800010985 0800016973 | external subsetter 1 | 0 | 1 | FtpPull | | Terminated | MOD13A2.004 | ECSGuest | 0 | Apr 25 2007 10:45AM | Apr 25 2007 10:48AM | <input type="button" value="Inactive"/> |
| 0800010979 0800016967 | external subsetter 1 | 0 | 1 | FtpPull | NO PBAAL <input type="button" value="Apply"/> | Waiting for data | MOD13A2.004 | ECSGuest | 0 | Apr 25 2007 10:45AM | Apr 25 2007 10:48AM | <input type="button" value="Inactive"/> |

B

Processing Service Requests Filters

Individual Filters
 Enter only one of the individual filters
 Order ID: Request ID: E-Mail:
 First Name: Last Name:

Combined Filters
 Request Creation Date Filters
 Start Time: Month: Day: Year: Hour: Min:
 End Time: Month: Day: Year: Hour: Min:

Status Select:
 Abort, Aborted, Active, Being processed, Canceled

MediaType Select:
 FtpPut, FtpPush

ProcessService Select:
 HEG, OTHER, Subsetter1

User ID: Parent EP Request ID:

OM GUI

Request Management (cont.)



- ❑ **Request Management – FtpPush/SCP (or Staging) Requests [filter] Page**
 - **Distribution filters allow Operators (either FC or LC) to view extensive details of FtpPush/SCP and/or Staging distribution requests currently processed through Order Manager (from all order sources).**
 - **FtpPush/SCP and Staging distribution requests pages allows the Operator to set the priority of (or suspend) a distribution request while:**
 - Change requested granules are in a staged (or pushed) waiting state.
 - Resume a request that was suspended by the OM GUI Operator or while the processing of new requests by the OMS is suspended.
 - Resubmitting a request in a terminal state (e.g., aborted, cancelled, terminated, or shipped).
 - Canceling a request that is not in a terminal state and while the requested granules are in a staged (or pushed) waiting state.

OM GUI Request Management (cont.)



Request Management – FtpPush/SCP (or Staging) Requests [filter] Page

Procedure: Filtering FtpPush/SCP (or Staging) Requests

- Click Request Management menu, then submenu FtpPush/SCP Requests [filter] (or submenu Staging Distribution Requests [filter]) to display its page.

❖ Figure: FtpPush/SCP Requests page (A) and [filter] options (A1) and Staging Requests page (B) and [filter] options (B1)

A

B

Combined Filters
Identifies differences in Combined Filters options for Distribution Requests Filters.

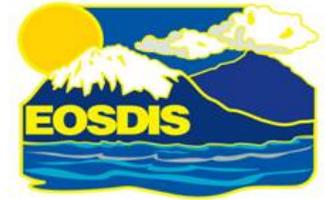
A1
FtpPush/SCP [filter]
Selection for only two Media Types

B1
Staging [filter]
Selection for multiple Media and Order Types

| Ord Typ | OrderID | Request Size(MB) | Gran Cnt | Media | Priority | Request Status | Resource Class | ESDT | UserID | Resub Cnt | Created | Last Update | Actions |
|---------|------------|------------------|----------|---------|----------|----------------|----------------|--------------|----------|-----------|--------------------|--------------------|-------------------|
| Regular | 0800021879 | < 5 | 1 | FtpPull | | Shipped | N | MOOPTQKM 086 | EcsGuest | 0 | Apr 19 2008 5:20PM | Apr 19 2008 5:29PM | Resubmit |
| Regular | 0800021878 | 0 | 1 | FtpPull | NORMAL | Queued | | MOOPTQKM 086 | EcsGuest | 0 | Apr 19 2008 6:16PM | Apr 19 2008 6:16PM | Suspend Cancel |
| Regular | 0800021877 | < 5 | 1 | FtpPull | NORMAL | Staging | N | MOOPTQKM 086 | EcsGuest | 0 | Apr 19 2008 5:57PM | Apr 19 2008 5:58PM | Suspend Cancel |
| Regular | 0800021876 | < 5 | 1 | FtpPull | | Shipped | N | MOOPTQKM 086 | EcsGuest | 0 | Apr 19 2008 5:14PM | Apr 19 2008 5:38PM | Resubmit |
| Regular | 0800021875 | < 5 | 1 | FtpPull | | Canceled | N | MOOPTQKM 086 | EcsGuest | 0 | Apr 19 2008 4:39PM | Apr 19 2008 4:40PM | Resubmit |
| Regular | 0800021874 | < 5 | 1 | FtpPull | | Shipped | N | MOOPTQKM 086 | EcsGuest | 0 | Apr 19 2008 4:31PM | Apr 19 2008 4:37PM | Canceling |

OM GUI

Request Management (cont.)



Request Management – FtpPush/SCP (or Staging) Requests [filter] Page

Procedure: Filtering FtpPush/SCP (or Staging) Requests (cont.)

- ▶ To define a combined filter criteria: Under the **Options** section of the FtpPush/SCP (or Staging) Distribution Requests page, click the **Change Filter** button to display the distribution requests filter.

❖ Figure: FtpPush/SCP (A) and Staging (B) Distribution Requests Filters.

The figure displays two side-by-side screenshots of the filter configuration interface, labeled A and B. Both screenshots show the 'Individual Filters' section at the top, which is identical in both, containing fields for Order ID, Request ID, E-Mail, First Name, and Last Name, along with 'Clear' and 'Apply individual Filters' buttons. Below this is the 'Combined Filters' section, which includes 'Request Creation Date Filters' (Start and End Time), a 'Status Select' dropdown, and a 'Parent EP Request ID' field. The key difference is in the 'Media Type Select' and 'Order Type Select' dropdowns. In frame A, the 'Media Type Select' dropdown is highlighted with a red box and a yellow callout box stating 'Selection for only two Media Types', showing 'FtpPush' and 'scp' selected. In frame B, both the 'Media Type Select' and 'Order Type Select' dropdowns are highlighted with red boxes and a yellow callout box stating 'Selection for multiple Media and Order Types', showing multiple options selected in both. At the bottom of both frames are buttons for 'Set Defaults', 'Apply Defaults', and 'Close Window'. A yellow callout box at the bottom center of the figure states: 'Identifies differences in combined filter options for Distribution Requests Filters. Individual filter options are the same for all distribution requests filters (frames A and B).'

OM GUI

Request Management (cont.)



❑ Request Management – FtpPush/SCP (or Staging) Requests [filter] Page

▪ Procedure: Filtering FtpPush/SCP (or Staging) Requests (cont.)

- Under the **Combined Filter** section of the filter, select **criteria**:
 - Request Creation Date (Start Time) = “**01 01 2007**”
 - Status Select = **All** button
 - Media Type Select = **All** button
 - Order Type Select (for Staging) = **All** button.
- Click the **Apply Combined Filters** button, to apply the combined filter criteria and close the **FtpPush/SCP (or Staging) Distribution Requests Filters** window. The **FtpPush/SCP (or Staging) Distribution Requests Filters** page displays with the applied combined filter results.
- Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

OM GUI

Request Management (cont.)



❑ Request Management – Operator Alerts

- **The Operator Alerts page displays informative non-fatal warnings or distribution resources errors and will not cause an Operator intervention.**
- **Alerts clears automatically once error is corrected.**
- **Operators (both FC or LC) can view three alert types detected by the Order Manager Server:**
 - 1 – **FtpPush/SCP Destination Alerts** are alerts for destination problems not sufficient to cause an Operator intervention (i.e., suspended FtpPush/SCP destination).
 - 2 – **Data Pool File System Alerts** generates warnings regarding malfunctions of the DPL file system (i.e., server down, no free space).
 - 3 – **ECS Server Alerts** (AIM database errors warnings) detects warnings regarding the AIM malfunctions or OMS resources (i.e., server down).
- **The Alerts page has two display parts:**
 - 1 – **Show <number> rows at a time** displays limited records (5 to 100) on page.
 - 2 – **Display <list> alerts** displays alerts type by group.

OM GUI Request Management (cont.)



Request Management – Operator Alerts

Procedure: Handling Operator Alerts

Click Request Management menu, then submenu Operator Alerts to display its page.

❖ Figure: Operator Alerts Page (A) and Alert Details Page (B-C)

A

Operator Alerts

Listing

Show 10 rows at a time. Display ALL alerts

first | previous | Showing 1 - 4 of 4 | next | last

| Alert Type | Alert Info | Explanation | Creation Time |
|------------|--|--|---------------------|
| DS | DESTINATION:HOST:f2acs01 | Max time allowed for Ftp Push Exceeded | May 9 2006 11:13AM |
| PS | PDS | Submission to PDS Suspended | Jan 26 2006 10:15AM |
| FtpPush | FtpPush DESTINATION:HOST:xserv01 | Ftp Login Errors | Jan 9 2008 11:14AM |
| FtpPush | FtpPush DESTINATION:HOST:198.117.128.135 | FtpPush Host not reachable | Nov 8 2007 10:05AM |

first | previous | Showing 1 - 4 of 4 | next | last

Note: All operator alerts are also sent as email to: ecstest.mail@gmail.com [Change]

“[Change]” links to OMS Server and Database Configuration Parameters

“details...” links to expanded information on cause of alert

B

Ftp Push Monitor – Active Configured Destination
Destination Name OTHER Host Name f2acs01

Ftp Push Requests List for this Destination

Listing

Go directly to row: ok of 28 rows Show 5 rows at a time

first | previous | Showing 1 - 5 of 28 | next | last

| Ord Type | OrderID | Request Size(MB) | Gran Cnt | Priority | Request Status | Resource Class | ESDT | UserID | Result Cnt | Created | Last Update | Actions |
|----------|------------|------------------|----------|----------|----------------|----------------|--------------|----------|------------|--------------------|---------------------|---------|
| Regular | 2000010010 | < .5 | 1 | 0 | Cancelled | C | ECSBBR 001 | ECSGuest | 0 | Jun 7 2007 10:21AM | Jan 11 2008 11:36AM | |
| Regular | 2000010011 | < .5 | 1 | 0 | Cancelled | C | ECSBBR 001 | ECSGuest | 0 | Jun 7 2007 10:21AM | Jan 11 2008 11:36AM | |
| Regular | 2000010009 | < .5 | 1 | 0 | Cancelled | C | ECSBBR 001 | ECSGuest | 0 | Jun 7 2007 10:15AM | Jan 11 2008 11:36AM | |
| Regular | 2000010008 | < .5 | 1 | 0 | Cancelled | C | ECSBBR 001 | ECSGuest | 0 | Jun 7 2007 8:46AM | Jan 11 2008 11:36AM | |
| Regular | 2000009477 | 25 | 1 | 0 | Cancelled | C | MOD11_L2.001 | ECSGuest | 0 | Mar 23 2007 2:07PM | Jan 11 2008 11:22AM | |

first | previous | Showing 1 - 5 of 28 | next | last

C

Ftp Push Monitor – Suspended Configured Destination
Destination Name OTHER Host Name xserv01

Destination Failed Request List

| Request Id | ECS Granule Id | DPL Granule Id | Last Update | Size (MB) | Explanation |
|------------|----------------|----------------|--------------------|-----------|-------------------|
| 2000013938 | 19729 | 16617 | Jan 9 2008 12:14PM | 0.2584 | Request Cancelled |
| 2000013938 | 19730 | 16616 | Jan 9 2008 12:14PM | 0.2070 | Request Cancelled |
| 2000013938 | 19731 | 16615 | Jan 9 2008 12:14PM | 0.1457 | Request Cancelled |
| 2000013938 | 19732 | 16614 | Jan 9 2008 12:14PM | 0.1310 | Request Cancelled |
| 2000013938 | 19733 | 16624 | Jan 9 2008 12:14PM | 0.6161 | Request Cancelled |
| 2000013938 | 19734 | 16614 | Jan 9 2008 12:14PM | 0.1220 | Request Cancelled |
| 2000013938 | 19735 | 16621 | Jan 9 2008 12:14PM | 0.2699 | Request Cancelled |
| 2000013938 | 19736 | 16613 | Jan 9 2008 12:14PM | 0.1735 | Request Cancelled |
| 2000013938 | 19737 | 16626 | Jan 9 2008 12:14PM | 0.2826 | Request Cancelled |
| 2000013938 | 19738 | 16630 | Jan 9 2008 12:14PM | 0.1465 | Ftp Login Errors |

Ftp Push Requests List for this Destination

Listing

Go directly to row: ok of 1 row Show 5 rows at a time

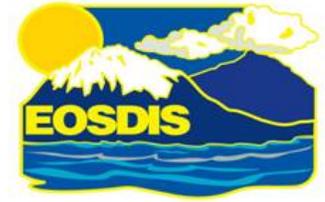
first | previous | Showing 1 - 1 of 1 | next | last

| Ord Type | OrderID | Request Size(MB) | Gran Cnt | Priority | Request Status | Resource Class | ESDT | UserID | Result Cnt | Created | Last Update | Actions |
|----------|------------|------------------|----------|----------|-----------------------|----------------|-----------|----------|------------|--------------------|--------------------|---------|
| Regular | 2000010582 | 2 | 10 | 0 | Operator Intervention | C | MOO14.005 | ECSGuest | 2 | Jan 9 2008 11:14AM | Jan 9 2008 12:15PM | |

first | previous | Showing 1 - 1 of 1 | next | last

OM GUI

Request Management (cont.)

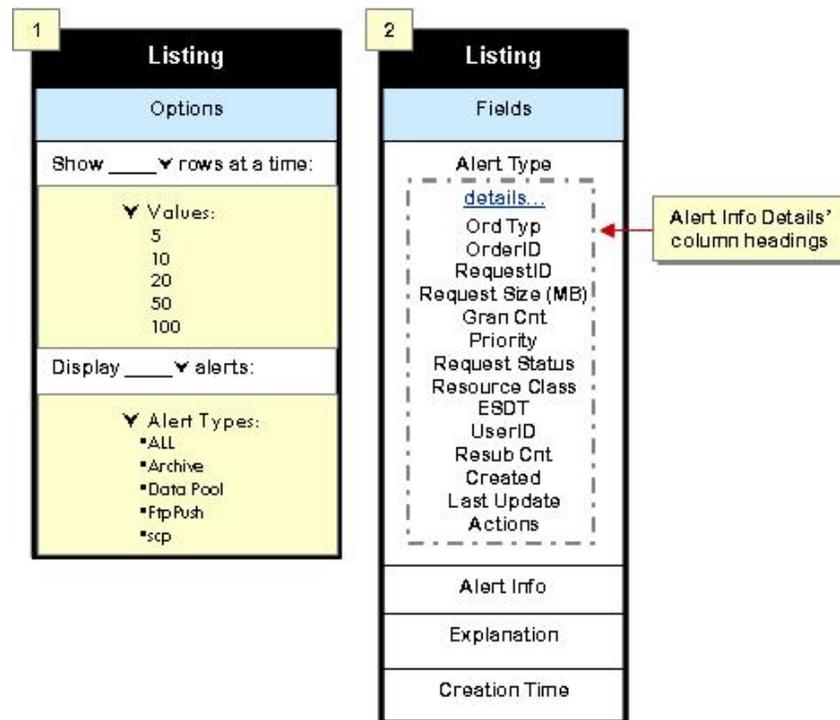


Request Management – Operator Alerts

Procedure: Handling Operator Alerts (cont.)

- ▶ To view email parameters configuration (located at left-bottom of page): Click **[Change]** link to display the OMS Server and database Configuration: Email parameters page. After viewing, click the **Previous Page** (◀) button to return to the Operator Alerts page.

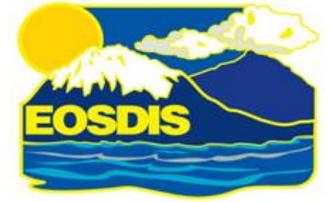
❖ Figure: Operator Alerts Page Table (Fields and Options)



The figure illustrates the 'Operator Alerts Page Table' with two screenshots. Screenshot 1 shows the 'Options' section, which includes a 'Show ___ rows at a time:' dropdown menu with values 5, 10, 20, 50, and 100. Below this is a 'Display ___ alerts:' dropdown menu with a list of 'Alert Types' including ALL, Archive, Data Pool, Ftp Push, and scp. Screenshot 2 shows the 'Fields' section, which lists various columns: Alert Type, details..., Ord Typ, OrderID, RequestID, Request Size (MB), Gran Cnt, Priority, Request Status, Resource Class, ESDT, UserID, Resub Cnt, Created, Last Update, and Actions. A callout box points to the 'Alert Info Details' column headings.

OM GUI

Request Management (cont.)



□ Request Management – Operator Alerts

▪ Procedure: Handling Operator Alerts (cont.)

- To view all FtpPush requests: Under the **Listing** section header, select **FtpPush** from **Display <list> alerts** list box.
- View the displayed FtpPush listing.
- To display extended details affecting the request, select **details...** associated with the request under the **Alert Info** column.
- Return to the **Order Manager Home** page, on left-pane of OM GUI, click the **HOME** link.

Order Manager GUI

Destination Monitor

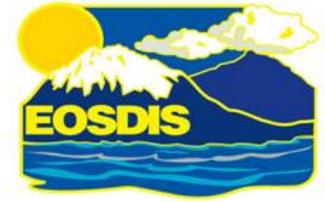


□ OM GUI – DESTINATION MONITOR

- The full-capability Operator is provided monitoring capability to suspend distributions.
- OM Destination Monitor submenu:
 - Suspended Destinations.

OM GUI

Destination Monitor (cont.)



□ Destination Monitor – Suspended Destinations

- **Full-capability Operator views suspended FtpPush/SCP destinations and can perform several kinds of actions, with respect to suspended FtpPush/SCP destinations from the Suspended Destinations page:**
 - Resume suspended destinations.
 - Suspend active destinations.
 - View details of active or suspended destinations.
 - **In addition, the Operator can perform destination details page actions:**
 - Change the priority of a distribution request associated with the FtpPush destination while granules for the request still need to be staged or while granules for the request still need to be pushed.
 - Suspend a request that still needs to be staged or while granules for the request still need to be pushed.
 - Resume a request that was suspended by the OM GUI operator or while the processing of new requests by the OMS is suspended.
 - Cancel a request that is not in a terminal state and while granules for the request still need to be staged or while granules for the request still need to be pushed.
- **The limited-capability Operator is not allowed to change the priority of, suspend, resume, cancel or resubmit distribution requests.**

OM GUI

Destination Monitor (cont.)



□ Destination Monitor – Suspended Destinations

▪ Procedure: Viewing/Responding to Suspended FtpPush Distribution Destinations

- Click **Destination Monitor** menu, then click submenu **Suspended Destinations**.
- To **resume a suspended destination**: Click the **Resume** button under **Resume** column (if applicable).
 - The destination is resumed and the Suspended Destinations page list refreshes.
- To **suspend an active destination** or **view destination details** of an active or suspended destination: Enter **Destination Name** or **Host Name (FTP Node)** in text fields under Active Destinations section, then click **applicable button** (Suspend or View Requests).
- **NOTE:** Data in the FtpPush Requests List For this Destination section are not in a “terminal” state.
- To **view suspended destinations details**: Click the **Host Name** link on the Suspended Destination Monitor.
 - The list of failed destination requests displays in the FtpPush Monitor page.
- Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

OM GUI Destination Monitor (cont.)



Destination Monitor – Suspended Destinations

❖ Figure: Suspended Destinations Monitor (A) and Ftp Push Monitor-Suspended Configured Destination (B) Pages

A

| Suspended Destinations Monitor | | | | | | | |
|--------------------------------|------------------|-----------------|--------------------|-----------------------|-------------------------|------------------------|--------|
| Media Type | Destination Name | Host Name | Time of Suspension | Granules Queued Count | Granules Queued Size MB | Suspend Reason | Resume |
| FtpPush | OTHER | xserv01 | Jan 9 2008 11:15AM | 10 | 2 | Ftp Login Errors | Resume |
| FtpPush | OTHER | 198.117.129.135 | Nov 8 2007 10:05AM | 0 | 0 | FtpPush Host reachable | Resume |

| Active Destinations | | | |
|---------------------|-----------------|-----------------------|---------------------------|
| Destination Name | Configured name | Host Name | The destination host name |
| | | Suspend View Requests | |

B

Ftp Push Monitor – Suspended Configured Destination
Destination Name OTHER Host Name xserv01

| Destination Failed Request List | | | | | | |
|---------------------------------|----------------|----------------|--------------------|-----------|------------------|--|
| Request Id | ECS Granule Id | DPL Granule Id | Last Update | Size (MB) | Explanation | |
| 2000013938 | 19729 | 16617 | Jan 9 2008 12:14PM | 0.2554 | Request Canceled | |
| 2000013938 | 19730 | 16616 | Jan 9 2008 12:14PM | 0.2070 | Request Canceled | |
| 2000013938 | 19731 | 16615 | Jan 9 2008 12:14PM | 0.1457 | Request Canceled | |
| 2000013938 | 19732 | 16618 | Jan 9 2008 12:14PM | 0.1310 | Request Canceled | |
| 2000013938 | 19733 | 16624 | Jan 9 2008 12:14PM | 0.6161 | Request Canceled | |
| 2000013938 | 19734 | 16614 | Jan 9 2008 12:14PM | 0.1220 | Request Canceled | |
| 2000013938 | 19735 | 16621 | Jan 9 2008 12:14PM | 0.2699 | Request Canceled | |
| 2000013938 | 19736 | 16613 | Jan 9 2008 12:14PM | 0.1735 | Request Canceled | |
| 2000013938 | 19737 | 16620 | Jan 9 2008 12:14PM | 0.2826 | Request Canceled | |
| 2000013938 | 19738 | 16630 | Jan 9 2008 12:14PM | 0.1455 | Ftp Login | |

| FtpPush Requests List For this Destination | | | | | | | | | | | | |
|--|---------------------|------------------|-------------------|----------|-----------------------|----------------|-----------|----------|-----------|--------------------|--------------------|---------|
| Ord Typ | OrderID (RequestID) | Request Size(MB) | Gran Cnt Complete | Priority | Request Status | Resource Class | ESDT | UserID | Resub Cnt | Created | Last Update | Actions |
| Regular | 2000013582 | 2 | 10 | NORMAL | Operator Intervention | C | MOD14.005 | ECSGuest | 2 | Jan 9 2008 11:14AM | Jan 9 2008 12:15PM | Cancel |

Other possible destinations listing:
 Destination Failed Request List:
 - FtpPush Requests List For this Destination
 - SCP Requests List For this Destination
 FTP Push Operations that Caused the Suspension:
 - FTP Push Requests That Are Not In A Terminal State

Order Manager GUI

Archive Data

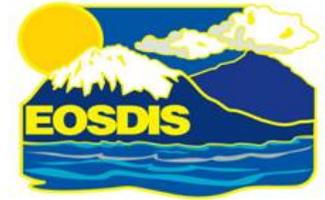


□ OM GUI – ARCHIVE DATA

- **The Operator (whether full-capability or limited capability) is provided with the option of viewing the repository for all historical distributed and processed requests on the OM GUI using filters.**
- **Archive Data submenus:**
 - Historical Distribution Requests [filter].
 - Historical Processing Requests [filter].

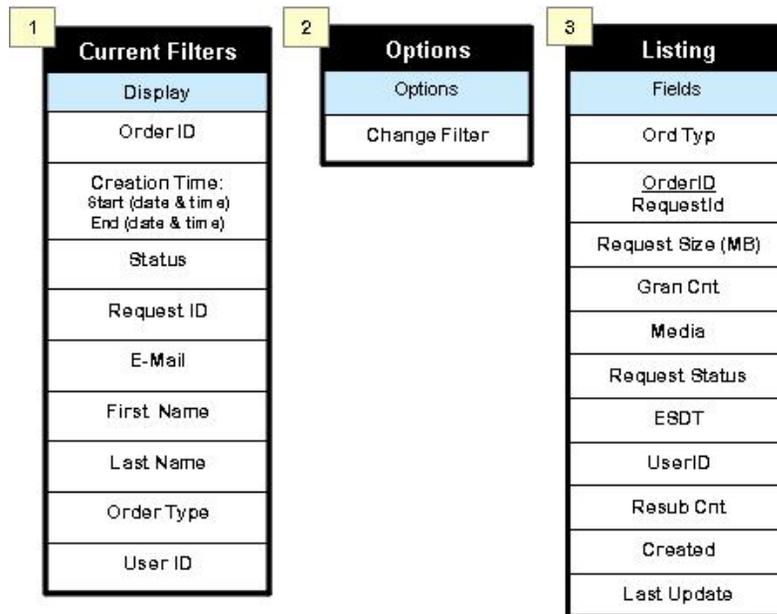
OM GUI

Archive Data (cont.)



❑ Archive Data – Historical Distribution Requests Filter

- Provides a tool to view, by filtering the repository of archived distributed requests information on the OM GUI.
- Historical Distribution Requests Page has three working parts:
 - 1 – Current Filter (Frame 1) – pre-defined filter criteria.
 - 2 – Options (Frame 2) – features to change an individual or combined filter.
 - 3 – Listing (Frame 3) – requested distribution filtered output.



OM GUI

Archive Data (cont.)



❑ Archive Data – Historical Distribution Requests Filter

▪ Procedure: Viewing Historical Distribution Requests

- Click **Archive Data** menu, then click submenu **Historical Distribution Requests [filter]**.
- Display data in a specific sort order: Click a specified underscored **column header**.
- Display more detailed data concerning a particular order or request: Click the **Order<ID>** or **Request <ID>** under the identifying column header.
- Click the navigation **Previous Page (<)** button and return to the **Historical Distribution Requests [filter]** page.

❖ Figure: Historical Distribution Requests Page (A) and Historical Distribution Requests Filter (B)

A

B

OM GUI

Archive Data (cont.)



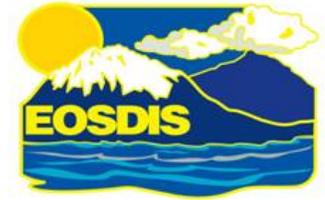
❑ Archive Data – Historical Distribution Requests Filter

▪ Procedure: Viewing Historical Distribution Requests (cont.)

- To apply a filter to the **Historical Distribution Requests** listing, perform the following:
 - Click the **Change Filter** button, in the **Options** section of the page.
 - The Historical Distribution Requests Filters window displays.
 - Define **filter criteria**: Enter search data for any one field of the **Individual Filter**, then select **multiple options for one or more fields** of the **Combined Filter**. Click the **Apply Combined Filter** (or Apply Individual Filter) button to apply the filter criteria and view the filtered results.
- Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

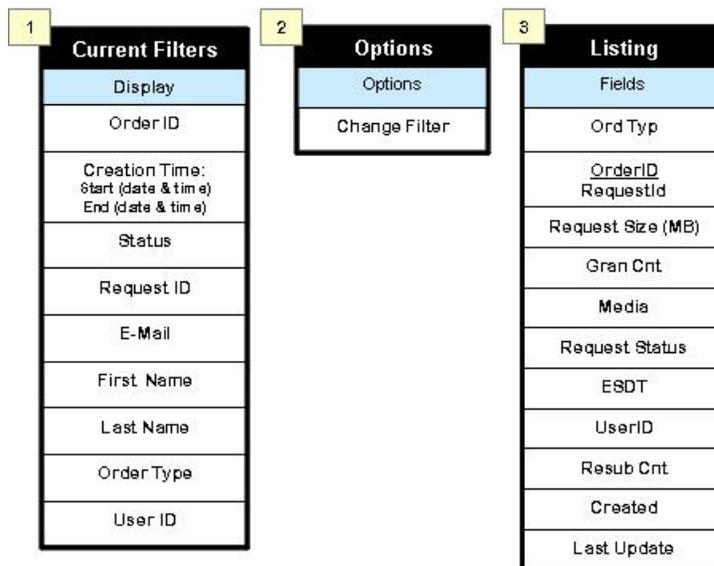
OM GUI

Archive Data (cont.)



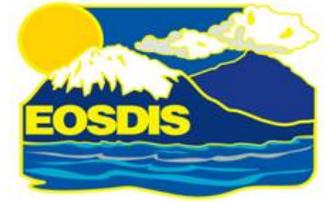
❑ Archive Data – Historical Processing Requests Filter

- Provides a tool to identify and filter archived external processing requests, by external subsetting processor on the OM GUI. Specific external processing can be filtered.
- Historical Processing Requests Page has three working parts:
 - 1 – Current Filter (Frame 1) – pre-defined filter criteria.
 - 2 – Options (Frame 2) – features to change an individual or combined filter.
 - 3 – Listing (Frame 3) – requested distribution filtered output.



OM GUI

Archive Data (cont.)



❑ Archive Data – Historical Processing Requests Filter

▪ Procedure: Viewing Historical Processing Requests

- Click **Archive Data** menu, then submenu **Historical Processing Requests [filter]**.
- Display data in a **specific sort** order: Click a specified underscored column header.
- Display more **detailed data** concerning a particular order or request: Click the **Order<ID>** or **Request <ID>** under the identifying column header.
- Click the navigation **Previous Page (<)** button, to return to the **Historical Processing Requests [filter]** page.
- To **apply a filter** to the Historical Processing Requests listing, perform the following:
 - Click the **Change Filter** button, in the **Options** section of the page.
 - The Historical Processing Requests Filters window displays.
 - Define **filter criteria**: Enter search data for any one field of the **Individual Filter**, then select multiple options for one or more fields of the **Combined Filter**. Click **Apply Combined Filter** (or **Apply Individual Filter**) button to apply filter criteria and **view the filtered results**.
- Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

OM GUI

Archive Data (cont.)



❑ Archive Data – Historical Processing Requests Filter

❖ Figure: Historical Processing Requests Page (A) and Historical Processing Requests Filter (B)

A

Historical Processing Requests

Current Filters
 Order ID: None Request ID: None E-Mail: None First Name: None Last Name: None
 Creation Time: Start: Mar 9 2006 06:32PM End: Apr 17 2007 10:56PM User ID: None

Options

Listing
 Go directly to row of 14 rows Show rows at a time.
[first](#) | [previous](#) | Showing 1 - 14 of 14 | [next](#) | [last](#)

| OrderID RequestID | Processor | Request Size(MB) | Gran Cnt | Media | Request Status | ESDT | UserID | Resub Cnt | Created | Last Update |
|--|------------|------------------|----------|---------|-----------------------|-------------|----------------|-----------|------------------------|------------------------|
| 0300076633 0300074956 | Subsetter1 | < .5 | 1 | FtpPush | Shipped | MOD11A1.004 | ECSGuest | 0 | Sep 21 2006 4:29PM | Sep 21 2006 4:32PM |
| 0300076626 0300074847 | OTHER | 6 | 1 | FtpPull | Operator Intervention | MOD11A1.004 | ECSGuest | 0 | Sep 21 2006 4:14PM | Sep 21 2006 4:21PM |
| 0300076604 0300074823 | OTHER | 0 | 1 | FtpPull | Aborted | MOD11A1.004 | ECSGuest | 0 | Sep 21 2006 3:16PM | Sep 21 2006 3:41PM |
| 0300076598 0300074817 | OTHER | 0 | 1 | FtpPull | Abort | MOD11A1.004 | ECSGuest | 0 | Sep 21 2006 1:27PM | Sep 21 2006 1:27PM |
| 0300076209 0300074424 | OTHER | < .5 | 1 | FtpPull | Canceled | MOD11A1.004 | ECSGuest | 0 | Sep 14 2006 10:30AM | Sep 14 2006 11:31AM |
| 0300076202 0300074417 | Subsetter1 | 0 | 1 | FtpPull | Terminated | MOD11A1.004 | ECSGuest | 0 | Sep 13 2006 2:39PM | Sep 13 2006 2:42PM |
| 0300076200 0300074415 | Subsetter1 | < .5 | 1 | FtpPull | Operator Intervention | MOD11A1.004 | ECSGuest | 0 | Sep 13 2006 2:32PM | Sep 13 2006 2:34PM |
| 0300076195 0300074410 | Subsetter1 | 3 | 1 | FtpPush | Operator Intervention | MOD11A1.004 | dd7c88526a35ad | 0 | Sep 13 2006 2:26PM | Sep 13 2006 2:29PM |

B

Historical Processing Requests Filters

Individual Filters
 Enter only one of the individual filters
 Order ID: Request ID: E-Mail:
 First Name: Last Name:

Combined Filters

Request Creation Date Filters
 Start Time: Month: 01, Day: 11, Year: 2006, Hour: 16, Min: 54
 End Time: Month: 02, Day: 11, Year: 2008, Hour: 16, Min: 54

Status Select

 Abort
 Aborted
 Active
 Being processed
 Canceled

MediaType Select

 FtpPull
 FtpPush

ProcessService Select

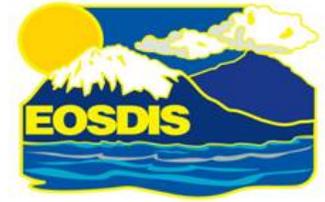
 HEG

User ID: Parent EP Request ID:

Individual or combined filtering capability.

Order Manager GUI

OM Status Pages



□ OM GU – OM STATUS PAGES

- The Operator (full or limited capability) is provided summary information on current requests processing states, with the option of invoking queries to view the statuses on the on the OM Status Pages. The status pages parameters are modifiable using the OM Configuration Server/Database submenu options.
- **[NOTE:** Use the Server/Database Configuration menu to set database and server parameters to "fine tune" the Order Manager Server and the database. These are general parameters that affect the entire system, but no particular media types.]
- **OM Status Pages submenus:**
 - Staging Status:
 - Media Type.
 - FTP Push Destination.
 - SCP Destination.
 - DPL File System Status.

OM GUI

OM Status Pages (cont.)

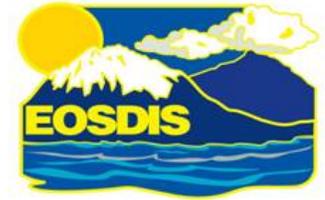


❑ OM Status Pages – Staging Status

- **Full-capability Operator can monitor the number of granules and data volume currently in staging states.**
- **Staging Status pages displays status in ALL or three ways:**
 - 1 – Media Type (Frames A).
 - 2 – FTP Push Destination (Frames B).
 - 3 – SCP Destination (Frames C).
- **The granules staging information (Figure 15.9-3 Staging Status Pages and Table (Fields) is arranged in four categories:**
 - 1 – Granules **Waiting for Staging**.
 - 2 – Granules **In Staging**.
 - 3 – Granules that have been **Staged and NOT Shipped**.
 - 4 – Granules that have been **Staged, Shipped and In DPL**.

OM GUI

OM Status Pages (cont.)



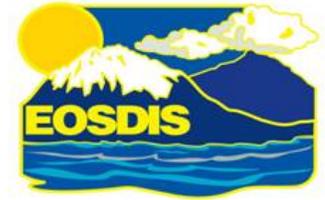
□ OM Status Pages – Staging Status

▪ Procedure: Viewing Staging Status

- Click **OM Status Pages** menu, then click **one of three** staging statuses: **Media Type, FTP Push Destination or SCP Destination**. To view another staging status page, select **staging type** from the list box on the current page.
- Observe the information displayed under **Granule Count and Volume** section:
 - **Staging Status** – page display information columns, except data is generated as media or destination.
 - **The System Totals** – the manually suspended queue by Operator (or if yellow, the suspended queue is in progress).
 - **AutoRefresh** – if **ON**, the **Staging Status by <staging type>** page refreshes automatically, as often as specified in the **Refresh screen every <number> minutes**.
- Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

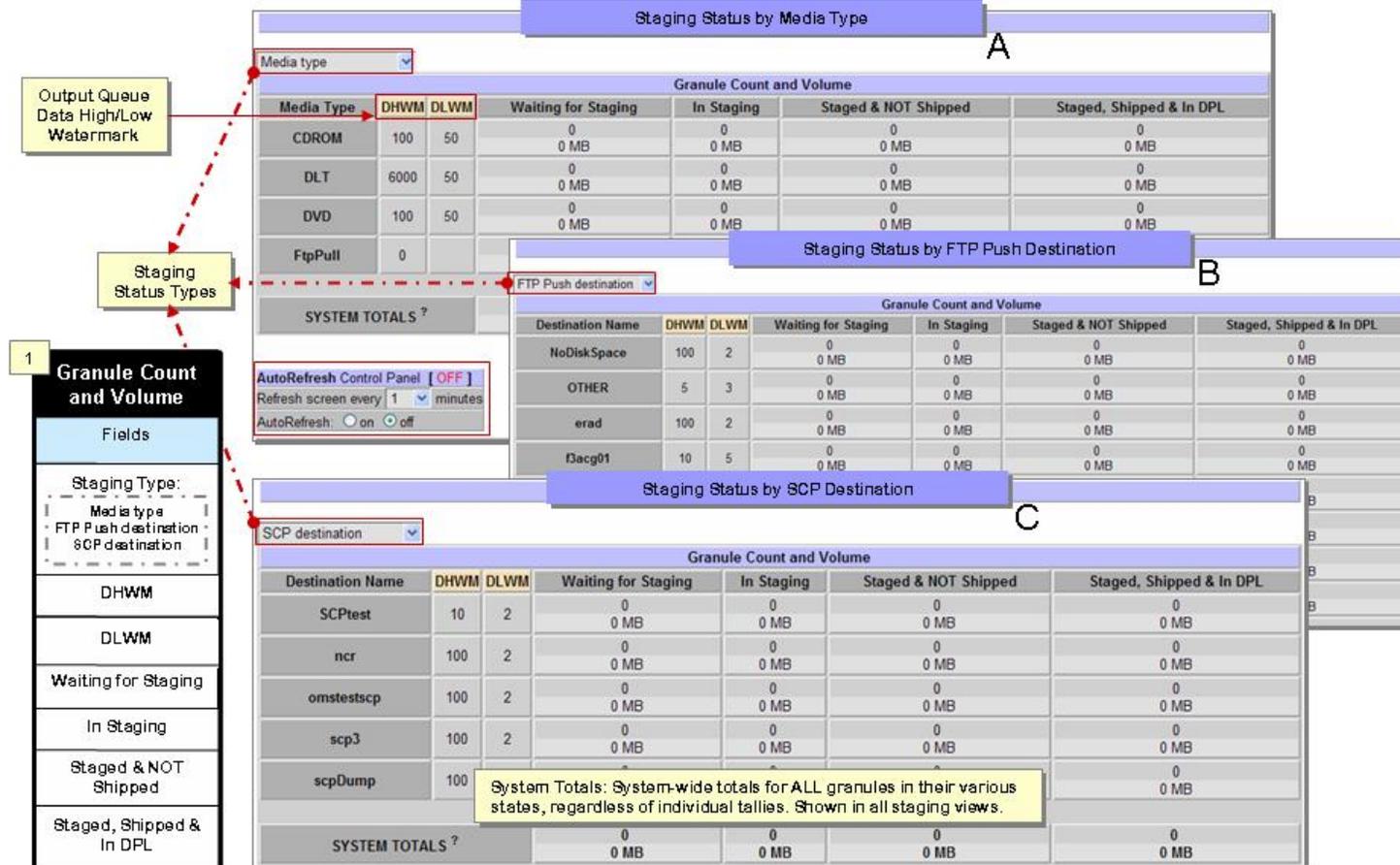
OM GUI

OM Status Pages (cont.)



❑ OM Status Pages – Staging Status

❖ Figure: Staging Status Pages and its Table (Fields)



OM GUI

OM Status Pages (cont.)



❑ OM Status Pages – DPL File System Status

- The Operator (full or limited capability) to view-only ongoing activities of the DPL File System Status in two categories:
 - 1 – Data Pool File Systems.
 - 2 – Archive File Systems.

▪ Procedure: Viewing Data Pool File System Status

- Click **OM Status Pages** menu, then click submenu **DPL File System Status** to display its page.
- ❖ **Figure: DPL File System Status Page**

Read-Only view | Data Pool File System Status

| Data Pool File Systems | | | | | | | |
|---|--------|------------|--|----------------------------|------------------------------|------------------------------|--|
| Name | Status | Free Space | Used Space <small>(last checked)</small> | Cache Used Alert Threshold | Queued Granules | Granules Processing | |
| DEFAULT <small>(datapool/DEV08/user/FS1)</small> | active | 110 GB | 69% <small>(Feb 14 2008 4:29PM)</small> | 92% | 0 <small>0.000 MB</small> | 0 <small>0.000 MB</small> | |
| FS2 <small>(datapool/DEV08/user/FS2)</small> | active | 205 GB | 44% <small>(Feb 14 2008 4:29PM)</small> | 92% | 0 <small>0.000 MB</small> | 0 <small>0.000 MB</small> | |

| Archive File Systems | | | | | | | |
|--|--------|------------|--|----------------------------|------------------------------|-----------------|---------------------|
| Name | Status | Free Space | Used Space <small>(last checked)</small> | Cache Used Alert Threshold | Cache Used Suspend Threshold | Queued Granules | Granules Processing |
| AMFS1 <small>(stomest/amt1/)</small> | active | 62 GB | 74% <small>(Feb 14 2008 4:24PM)</small> | 95% | 100% | MB | MB |
| BROWFS <small>(stomest/browfs/)</small> | active | 199 GB | 20% <small>(Feb 14 2008 4:24PM)</small> | 95% | 100% | MB | MB |
| SNFS1 <small>(stomest/snfs1/)</small> | active | 80 GB | 75% <small>(Feb 14 2008 4:24PM)</small> | 80% | 99% | MB | MB |
| XMLArchive <small>(stomest/xmla/)</small> | active | 49 GB | 2% <small>(Feb 14 2008 4:24PM)</small> | 95% | 100% | MB | MB |

includes a "Suspend" threshold

Status: suspended

- Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

Order Manager GUI

OM Configuration

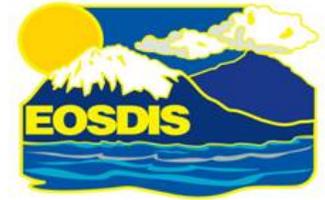


□ OM GUI – OM CONFIGURATION

- **The Operator (FC) is allowed to configure aging rules for each priority level – Aging Parameter; to set database and server parameters, which affect the entire system – Server/Database Configuration; and to set and adjust media types attributes – Media Configuration.**
- **The Operator (LC) can view the values assigned to OM Configuration Parameters, but is not allowed to change any parameter values.**
- **Users can perform validity tests against received granules using checksum validation on OMS distributed files.**
- **OM Configuration submenus:**
 - Aging Parameters.
 - Server/Database:
 - [All] [queue], [cleanup], [email], [media], [staging], [partition], [misc].
 - Media
 - ODL Metadata Users
 - Checksum Users
 - External Processing
 - FtpPush/SCP Policy
 - DataAccess Processing

OM GUI

OM Configuration (cont.)

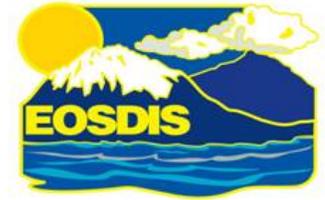


□ OM Configuration – Aging Parameters

- Aging parameters affect how distribution requests are aged over time. The Operator (FC) has the option to configure aging parameters (rules) for each priority level using the Aging Parameters Configuration page.
- There are three types of aging parameters, however only two are configurable for each ECS Priority Level (i.e., XPRESS, VHIGH, HIGH, NORMAL or LOW):
 - 1 – **Age Step** is the aging rate (0-255, including decimal fractions) by which the requests effective priority increases at hourly intervals, but not to exceed the “Maximum Priority”. If the parameter is set to zero, waiting requests priority never increases. For example, if the Age Step = 5.5 with an initial priority = 100, waits 10 hours to be pushed, then the request’s priority increases by 5.5 hourly until delivery:
 - Hour 0:priority = 10
 - Hour 1:priority = 105.5
 - Hour 2:priority = 111
 - ⋮
 - Hour 10:priority = 155.
 - 2 – **Maximum Priority** is a request’s maximum priority attained in aging process.
 - 3 – **Starting Priority** is a non-configurable arbitrary value representing the priority.

OM GUI

OM Configuration (cont.)



❑ OM Configuration – Aging Parameters

▪ Procedure: Checking/Modifying Assigned Values of Aging Parameters

- ▶ Click **OM Configuration** menu, then submenu **Aging Parameters** to display the **Aging Parameters Configuration** page.

❖ Figure: Aging Parameters Page

- ▶ To modify (as authorized) aging parameter value(s): type **new value(s)** in relevant parameter(s) text entry box(es), then click **Apply** button (or **Reset** button to clear new value(s) and retain original value(s)).
- ▶ Return to the **Order Manager Home** page, on left-pane of OM GUI, click the **HOME** link.

| Aging Parameter Configuration | |
|-------------------------------|-----|
| XPRESS | |
| Age Step ? | 0 |
| Maximum Priority ? | 255 |
| Starting Priority ? | 255 |
| VHIGH | |
| Age Step | 0 |
| Maximum Priority | 235 |
| Starting Priority | 235 |
| HIGH | |
| Age Step | 0 |
| Maximum Priority | 220 |
| Starting Priority | 220 |
| NORMAL | |
| Age Step | 0 |
| Maximum Priority | 150 |
| Starting Priority | 150 |
| LOW | |
| Age Step | 0 |
| Maximum Priority | 60 |
| Starting Priority | 60 |

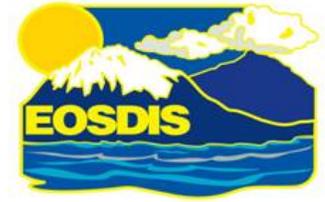
Each priority level has a non-configurable "Starting Priority" value:

- XPRESS = 255
- VHIGH = 235
- HIGH = 220
- NORMAL = 150
- LOW = 60

Apply Reset

OM GUI

OM Configuration (cont.)



❑ OM Configuration – Server/Database (Parameters)

- The OMS Server and Database Configuration page provides the full-capability Operator (limited-capability Operator has limited options) with options to check and modify OMS server or database parameters values. These parameters affect the functionality of the OM server and database.
- Parameters are dynamically loaded from the OMS database into the OM GUI configuration pages. If a configuration parameter is deleted from the database, it is no longer displayed on the OM GUI - parameters displayed on the OM GUI are variable.
- OMS Server and Database Configuration Parameters page has four displays:
 - 1 – Parameter.
 - 2 – Description.
 - 3 – Units.
 - 4 – Value.

OM GUI

OM Configuration (cont.)



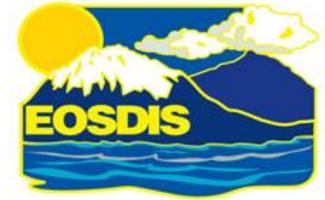
❑ OM Configuration – Server/Database (Parameters)

❖ Figure: OMS Server and Database Configuration Parameters Types and Names

| Parameters | | Parameters (cont) | | Parameters (cont) | |
|------------|-------------------------------------|-------------------|--|-------------------|-------------------------------|
| Params | Values | Params | Values | Params | Values |
| queue | Num Of Allowed Email Submissions | staging | Global Staging Status | media | Rimage Order Pull Time |
| queue | Child Process Time Limit | misc. | Max Failure Archive | misc. | Max Order History Days |
| cleanup | Delete Complete Interventions After | email | Global Configured Email | media | Luminex Timeout |
| cleanup | Delete Complete Actions After | cleanup | Max Orphan Req Age | staging | Staging Action Retries |
| partition | Max Request Granules | cleanup | Cleanup Orphan Req Period | staging | Staging Action Retry Interval |
| partition | Max Subset Granules | email | Forward Dn Email | staging | Fsstat Interval |
| partition | Delay Partition | cleanup | Unsuccess Req Ret Time | staging | Fsstat Timeout |
| misc. | Max Action Retries | HEG | Max Num of Concurrent HEG Process | staging | Max No Cost Request |
| misc. | Idle Sleep Time | HEG | Max Num of Concur HEG Proc Per Req | staging | Max No Cost Granules |
| misc. | Action Retry Wait | HEG | HEG Process Retry Interval | staging | Max Concurrent Checksums |
| queue | Num of Allowed Validations | cleanup | Cleanup Delay Interval | misc. | Enable Performance Logging |
| misc. | Action Check Interval | media | Due Date for Media Request | | |
| misc. | Cleanup Check Interval | email | Global Configured Operator Actions Email | | |
| misc. | Suspend Check Interval | media | Qc Timeout | | |
| queue | Max Concurrent Requests Processed | media | Production Timeout | | |
| email | Notify User for Partition Request | media | Media Prep Timeout | | |

OM GUI

OM Configuration (cont.)



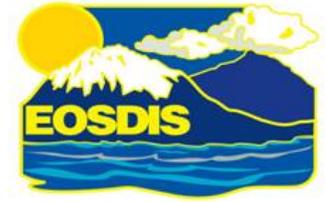
❑ OM Configuration – Server/Database (Parameters)

▪ Procedure: Checking/Modifying Assigned Values of OMS Server and Database Parameters

- Click **OM Configuration** menu, then submenu **[All]** under the Server/Database header to display the OMS Server and Database Configuration: All parameters page. **NOTE:** This page displays all categories of parameters listed on the under the Server/Database submenu:
 - **[All], [queue parms], [cleanup parms], [email parms], [media parms], [staging parms], [partition parms], [misc. parms].**
- To modified (as authorized) server or database parameter value(s): Type the **new value(s)** in the text entry box(es) for the relevant parameter(s), noting that the new value cannot be 0. Then click the **Apply** button (or the **Reset** button to retain the original value).
- The OMS Server and Database Configuration page refreshes and displays new value(s).
- Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

OM GUI

OM Configuration (cont.)



❑ OM Configuration – Server/Database (Parameters)

❖ Figure: OMS Server and Database Configuration [All] parameters Page

| OMS Server and Database Configuration: All parameters | | | | |
|---|---|---------|------------|--|
| Parameter | Description | Units | Value | |
| Num Of Allowed Email Submissions | Max Number of concurrent submissions to PDS | | 110 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Child Process Time Limit | Amount of time to wait to kill child process before retrying action | seconds | 30 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Delete Complete Interventions After | Time in hours Completed Interventions are maintained | hours | 1 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Delete Complete Actions After | Time in hours Completed Actions are maintained | hours | 1 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Max Request Granules | Maximum number of granules a request may contain | | 3000 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Max Subset Granules | Maximum number of granules a request may contain if it specifies subsetting | | 5 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Delay Partition | Time delay in hours each successive partition is supposed to be dispatched | hours | 24.0 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Max Action Retries | Maximum number of times an action can be retried before the request is FAILED | | 20 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Idle Sleep Time | Length of time between OM Server checks for config parameters | seconds | 10 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Action Retry Wait | Time in seconds the OmServer waits before attempting to re-dispatch an action | seconds | 10 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Num Of Allowed Validations | Number of threads the OmServer uses for performing request validations action | threads | 100 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Action Check Interval | Time in seconds the OmServer waits before checking on actions | seconds | 30 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Cleanup Check Interval | Time in seconds the OmServer waits before performing cleanup activities | seconds | 300 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Suspend Check Interval | Time in seconds the OmServer waits before performing checking suspended queues | seconds | 30 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Max Concurrent Requests Processed | Number of concurrent requests the Om Server will process at one time | integer | 100 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Notify User For Partition Requests | Whether or not user want to receive notification when partition happens yes or no | none | Y (Yes) | <input type="button" value="←"/> <input type="button" value="→"/> |
| Global Staging Status | Synergy IV Staging Mode Status | none | A (Active) | <input type="button" value="←"/> <input type="button" value="→"/> |
| Min Moderate Request | min number of tape mounts classified Moderate | number | 500 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Min Expensive Request | min number of tape mounts classified Expensive | number | 10 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Max Cheap Requests | Max number of Concurrent requests classified as Cheap that can be promoted to staging Obsolete | number | 500 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Max Moderate Requests | Max number of Concurrent requests classified as Moderate that can be promoted to staging | number | 500 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Max Expensive Requests | Max number of Concurrent requests classified as Expensive that can be promoted to staging | number | 10 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Max Failure Archive | Allowable number of failures prior to suspending Archive | number | 50 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Global Configured Email | Configured email account to send actions to when an alert or intervention is generated | | | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Max Orphan Req Age | How long to keep an orphaned request in system before it is qualified for removal | hours | 1 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Cleanup Orphan Req Period | How often to cleanup orphaned requests | hours | 1 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Forward Dn Email | Configured email account for forwarded DN Email | | | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Unsuccess Req Ret Time | Amount of time in hours to keep unsuccessful requests/orders in MSS/OMS | Hours | 1 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Max Num Of Concurrent HEG Process | The maximum number of HEG Service requests that mybe processed concurrently | number | 5 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Max Num Of Concur HEG Proc Per Req | The maximum number of HEG Service requests that may be processed concurrently for a single request. | number | 5 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| HEG Process Retry Interval | Retry interval for automatic retry in case the queue is suspended automatically | seconds | 60 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Cleanup Delay Interval | The delay time interval for cleanup granules | minutes | 10 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Due Date For Media Request | Number of hours from the time the request finished staging that request is due for distribution | Hours | 8 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Global Configured Operator Actions Email | Configured email account to send operator actions to | | | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Qc Timeout | The maximum time (minutes) QC is allowed to run before generating an intervention | Minutes | 60 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Production Timeout | The maximum time (minutes) Production is allowed to run before generating an intervention | Minutes | 10 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Media Prep Timeout | The maximum time (minutes) Media Preparation is allowed to run before generating an intervention | Minutes | 10 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Rimage Order Pull Time | Configured maximum time interval in minutes within which an Rimage order is expected to be pulled by | Minutes | 60 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Max Order History Days | Number of days users can search back for order history | Days | 365 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Luminex Timeout | maximum minutes which the PM will wait for Luminex during a CD/DVD media order | Minutes | 10 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Media Device Check Interval | Interval to recheck device on-line status and perform automatic assignment | Seconds | 250 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Staging Action Retries | No of Retries for Staging Action | number | 10 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Staging Action Retry Interval | Interval for Retry of Staging Actions | seconds | 601 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Fsstat Interval | Minimum amount of time allowed between fsstat calls | seconds | 5 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Fsstat Timeout | The maximum time fsstat is allowed to run before timing out | seconds | 122 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Max No Cost Requests | Max number of Concurrent requests classified as No Cost (All Granules in DataPool) that can be promo | number | 10 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Max No Cost Granules | Max number of concurrent datapool granules that can be promoted to staging | number | 50 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Max Concurrent Checksums | Max number of concurrent checksum operations | number | 20 | <input type="text"/> <input type="button" value="←"/> <input type="button" value="→"/> |
| Enable Performance Logging | Turn on performance logging | boolean | N (No) | <input type="button" value="←"/> <input type="button" value="→"/> |

OM GUI

OM Configuration (cont.)



❑ OM Configuration – Media

- The Media Configuration page provides the full-capability Operator the ability to check and modify media parameters.
- Media parameters, specific to distribution medium type, affects the limit checking against standard media capacity and the partitioning of requests.

- The Media Configuration page has two display parts:

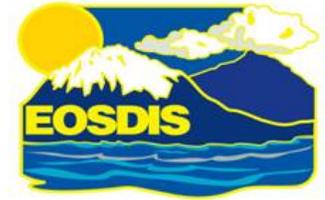
- 1 – Parameter Name – label or title of parameter for each media type:

- FtpPull
 - FtpPush
 - scp.
- Distribution media types

- 2 – Value – parameter size or limit.

OM GUI

OM Configuration (cont.)

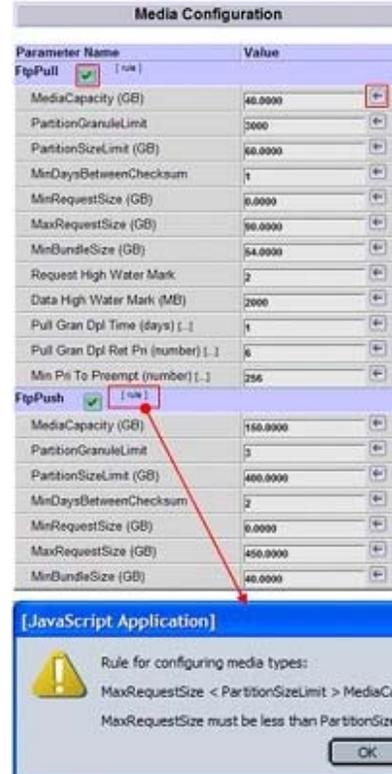


❑ OM Configuration – Media

▪ Procedure: Checking/Modifying Assigned Values of Media Parameters

‣ Click **OM Configuration** menu, then submenu **Media** to display the **Media Configuration** page.

❖ **Figure: Media Configuration Page**



| Parameter Name | Value |
|---|----------|
| FtpPull <input checked="" type="checkbox"/> [rule] | |
| MediaCapacity (GB) | 40.0000 |
| PartitionGranuleLimit | 3000 |
| PartitionSizeLimit (GB) | 40.0000 |
| MinDaysBetweenChecksum | 1 |
| MinRequestSize (GB) | 0.0000 |
| MaxRequestSize (GB) | 90.0000 |
| MinBundleSize (GB) | 54.0000 |
| Request High Water Mark | 2 |
| Data High Water Mark (MB) | 2000 |
| Pull Gran Dpl Time (days) [..] | 1 |
| Pull Gran Dpl Ret Pn (number) [..] | 6 |
| Min Pn To Preempt (number) [..] | 256 |
| FtpPush <input checked="" type="checkbox"/> [rule] | |
| MediaCapacity (GB) | 150.0000 |
| PartitionGranuleLimit | 3 |
| PartitionSizeLimit (GB) | 400.0000 |
| MinDaysBetweenChecksum | 2 |
| MinRequestSize (GB) | 0.0000 |
| MaxRequestSize (GB) | 450.0000 |
| MinBundleSize (GB) | 40.0000 |

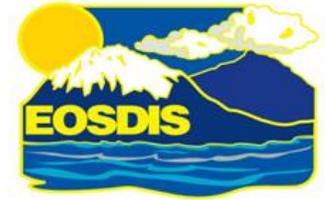
[JavaScript Application]

 Rule for configuring media types:
MaxRequestSize < PartitionSizeLimit > MediaCapacity
MaxRequestSize must be less than PartitionSizeLimit

OK

OM GUI

OM Configuration (cont.)



❑ OM Configuration – Media

▪ Procedure: Checking/Modifying Assigned Values of Media Parameters (cont.)

‣ Observe information on the **Media Configuration** page, specifically the **parameter types**:

- **MediaCapacity (GB)** – initially set to the maximum capacity (in GB) for the type of media, but should be adjusted later to a lower or higher value, depending on data compression usage.
- **PartitionGranuleLimit** – the maximum number of granules that may be partitioned for the type of medium.
- **PartitionSizeLimit (GB)** – the size (in GB) at which point partitioning of a request can occur.
- **MinDaysBetweenChecksum** – the number of days, post-verification of checksum, as defined by Operator, in which the checksum process is verified again.
- **MinRequestSize (GB)** – the minimum number of gigabytes that can be requested for the type of medium.
- **MaxRequestSize (GB)** – the maximum total number (GB) that can be requested for that type of medium, regardless of whether or not it can be partitioned.
- **MinBundleSize (GB)** – the minimum number of gigabytes in a bundle for the type of media.
- **FtpPull (exclusive)**:
 - **Request High Water Mark** – the RHW is the desired maximum number of requests that may be in the Staging state, or that have completed Staging but are not yet in a terminal state (e.g., Shipped).

OM GUI

OM Configuration (cont.)



□ OM Configuration – Media

▪ Procedure: Checking/Modifying Assigned Values of Media Parameters (cont.)

- **Data High Water Mark (MB)** – the DHWM is the maximum volume of data in staging or already staged but not yet shipped. If the data volume and number of requests is above the DHWM, it is assumed the media devices have plenty of work to keep them busy.
 - **Pull Gran Dpl Time (days) [...]** – the number of days a granule for an FtpPull request would normally remain in the Data Pool.
 - **Pull Gran Dpl Ret Pri (number) [...]** – the normal retention priority for a granule for an FtpPull request.
 - **Min Pri To Preempt (number) [...]** – applies to granules put in the Data Pool for an FtpPull request.
- To change the media parameter value(s): Type **new value(s)** in the text entry box(es) for the relevant parameter(s), then click the **Apply** button to submit (or the **Reset** button to retain the original values).
- Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

OM GUI

OM Configuration (cont.)



❑ OM Configuration – ODL Metadata Users

- The ODL Metadata Files Users Configuration page allows the full-capability Operator to configure a list of Email addresses that signifies users that need to receive metadata in ODL.met file format.
- Limited-capability Operator can only view Metadata File Users configurations.
- The metadata will be distributed whenever the email address contains a Distribution Notice.

OM GUI

OM Configuration (cont.)

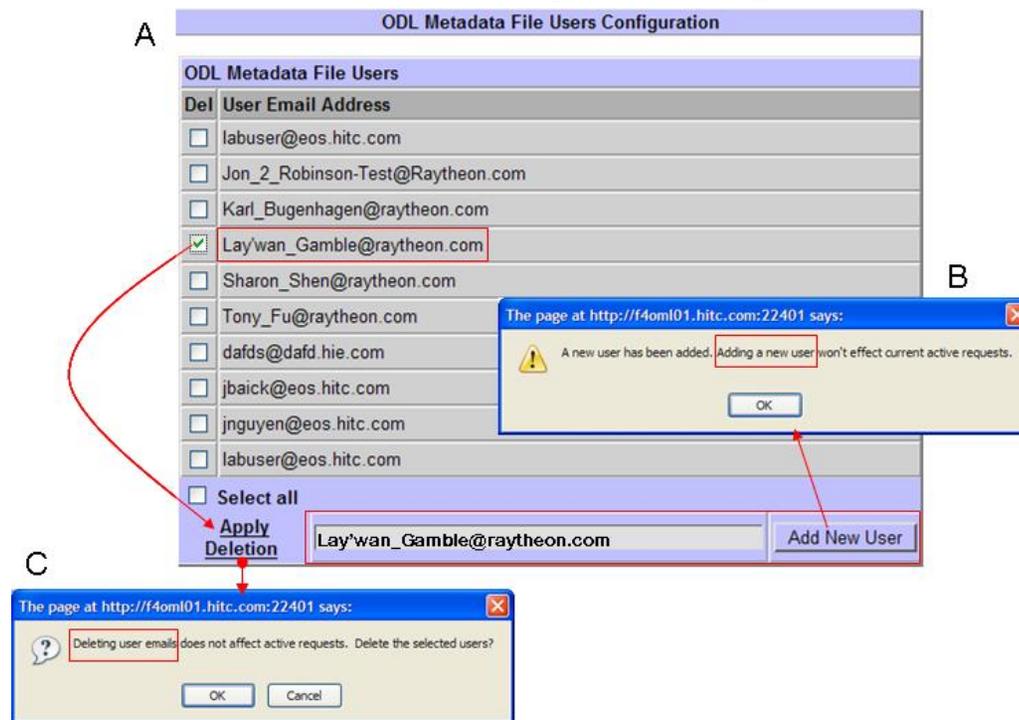


❑ OM Configuration – ODL Metadata Users

▪ Procedure: Adding/Deleting User Email Address that will Receive ODL Metadata File

- ▶ Click **OM Configuration** menu, then submenu **ODL metadata Users** to display the **ODL Metadata File Users Configuration** page.

❖ Figure: ODL Metadata File Users Configuration Page.



The screenshot displays the 'ODL Metadata File Users Configuration' page. It features a table with columns 'Del' and 'User Email Address'. The table lists several users, with 'Laywan_Gamble@raytheon.com' selected. A red box highlights the 'Add New User' button at the bottom right. A red arrow points from the 'Add New User' button to a confirmation dialog box (B) that says 'A new user has been added. Adding a new user won't effect current active requests.' Another red arrow points from the 'Apply Deletion' button to a confirmation dialog box (C) that says 'Deleting user emails does not affect active requests. Delete the selected users?'. A third red arrow points from the 'Laywan_Gamble@raytheon.com' row to the 'Apply Deletion' button.

| Del | User Email Address |
|-------------------------------------|----------------------------------|
| <input type="checkbox"/> | labuser@eos.hitc.com |
| <input type="checkbox"/> | Jon_2_Robinson-Test@Raytheon.com |
| <input type="checkbox"/> | Karl_Bugenhagen@raytheon.com |
| <input checked="" type="checkbox"/> | Laywan_Gamble@raytheon.com |
| <input type="checkbox"/> | Sharon_Shen@raytheon.com |
| <input type="checkbox"/> | Tony_Fu@raytheon.com |
| <input type="checkbox"/> | dafds@dafd.hie.com |
| <input type="checkbox"/> | jbaick@eos.hitc.com |
| <input type="checkbox"/> | jnguyen@eos.hitc.com |
| <input type="checkbox"/> | labuser@eos.hitc.com |

Buttons: Apply Deletion, Add New User

Dialog B: The page at http://f4oml01.hitc.com:22401 says: A new user has been added. Adding a new user won't effect current active requests. OK

Dialog C: The page at http://f4oml01.hitc.com:22401 says: Deleting user emails does not affect active requests. Delete the selected users? OK Cancel

OM GUI

OM Configuration (cont.)



❑ OM Configuration – ODL Metadata Users

▪ Procedure: Adding/Deleting User Email Address that will Receive ODL Metadata File (cont.)

- To Add User Email Address(es) to the ODL Metadata File Users Configuration: enter the **new User's email address** in the textbox (at page bottom), then click the **Add New User** button. The prompt indicating "A new user has been added...." appears, click the **OK** button.
- To Delete User Email Address(es) from the ODL Metadata File Users Configuration: Click one or more **Del** checkboxes (or **Select all**) next to the User(s) to be deleted, then click the **Apply Deletion** link. The prompt indicating, "...Delete the selected users?" appears, click the **OK** button (or **Cancel** to discard changes)
- Return to the **Order Manager Home** page: on left-pane of OM GUI click the **HOME** link.

OM GUI

OM Configuration (cont.)



❑ OM Configuration – Checksum Users

- **A checksum is a computed value associated with a file, which can be used to verify data validity on files distributed by OMS:**
 - Data validity tests can be performed against granule files.
 - LC-Operator can only view Checksum Users configuration.
 - Adding or deleting email addresses is not permitted by Operator.
- **The full-capability Operator can configure a list of email addresses of users to receive a checksum in the form of a request.**

OM GUI

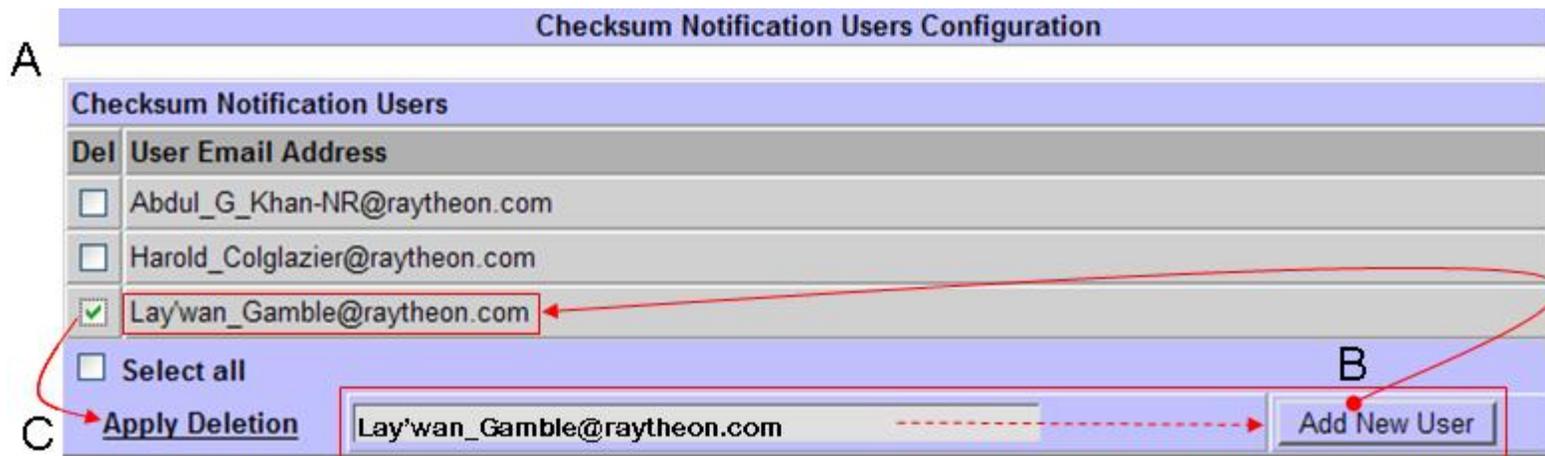
OM Configuration (cont.)



❑ OM Configuration – Checksum Users

▪ Procedure: Adding/Deleting User Email Address that will Receive Checksum File

- ▶ Click **OM Configuration** menu, then submenu **Checksum Users** to display the **Checksum Notification Users Configuration** page.
- ❖ **Figure: Checksum Notification Users Configuration Page (Frame A).**



OM GUI

OM Configuration (cont.)



❑ OM Configuration – Checksum Users

▪ Procedure: Adding/Deleting User Email Address that will Receive Checksum File (cont.)

- To Add User Email Address(es) to the Checksum Notification Users Configuration: enter the **new User's email address** in the textbox (at page bottom; Frame B), then click the **Add New User** button (Frame B). The new user has been added to the configuration page.
- To Delete User Email Address(es) from the Checksum Notification Users Configuration: Click one or more **Del** checkboxes (or **Select all**) next to the User(s) to be deleted, then click the **Apply Deletion** link (Frame C). The User's email address is removed from the configuration page.
- Return to the **Order Manager Home** page: on left-pane of OM GUI click the **HOME** link.

OM GUI

OM Configuration (cont.)

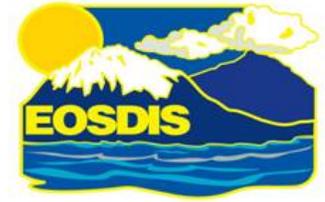


❑ OM Configuration – External Processing

- **The External Processing Configuration page allows the full-capability Operator to define and configure the parameters of an external processing service as follows:**
 - View the external processing services parameters.
 - Delete external processing service with no pending requests.
 - Add new external processing service.
 - Edit existing processing service configuration.
- **The full-capability Operator is limited view-only External Processing Configurations.**
- **External Processing Services parameters descriptive listing:**
 - External Processor Service Name is a unique name for the service.
 - End Point URL is the host URL address configured in the ECS registry.
 - DN Email Address is the DN email address used by the external processing service.
 - Total Requests Queued – is the total number of queued requests.
 - Total Granules Queued – is the total number of queued granules.
 - Request Acceptance – the acceptance of the request.

OM GUI

OM Configuration (cont.)



❑ OM Configuration – External Processing

▪ Procedure: Checking/Modifying External Processing Services Configurations

- Click **OM Configuration** menu, then submenu **External Processing** to display the **External Processing Services Policy Configuration** page.

❖ **Figure: External Processing Services Policy Configuration Page.**

B

| Parameter | Description | Units | Value |
|--------------------------|--|-------|-------|
| Processor Name | An identification for the processing service | | |
| End Point URL | URL for external processor | | |
| FTP Pull Expiration | Ftp Pull Expiration Time | Hours | |
| DN Email Address | Email address used to send distribution notice | | |
| Additional Preamble Text | Text to include as part of DN preamble | | |

Buttons: Save Done Reset

A

External Processing Services Policy Configuration

External Processing Services

Add a New External Processing Service Tip: If the checkbox next to the External Processing Service Name is disabled, the processor is busy and can not be deleted.

| External Processing Service Name | End Point URL | DN Email Address | Total Requests Queued | Total Granules Queued | Request Acceptance |
|----------------------------------|---|--------------------------------|-----------------------|-----------------------|--------------------|
| <input type="checkbox"/> EP1 | 123.456.789.1234 | doug_newman@raytheon.com | 0 | 0 | ACTIVE |
| <input type="checkbox"/> EP2 | 987.654.321.1234 | Yol | 0 | 0 | ACTIVE |
| <input type="checkbox"/> EPTest | #e#01.hitc.com:18316 | prasanna_l_dhudha@raytheon.com | 0 | 0 | ACTIVE |
| <input type="checkbox"/> EPTest2 | http://#e#01.hitc.com:18316/sam-cgi-bin/poochie | prasanna_l_dhudha@raytheon.com | 50 | 56 | ACTIVE |
| <input type="checkbox"/> OTHER | 0.0.0.0 | | 85 | 85 | ACTIVE |
| <input type="checkbox"/> TST 1 | 1.1.1.1:11 | test@raytheon.com | 0 | 0 | ACTIVE |

Buttons: Delete Selected Processors

C

The page at http://f40ml01.hitc.com:22401 says:

Are you sure you want to delete the selected external processors?

Buttons: OK Cancel

OM GUI

OM Configuration (cont.)



❑ OM Configuration – External Processing

▪ Procedure: Checking/Modifying External Processing Services Configurations (cont.)

- To Add a New External Processing Service: Select the **Add a New External Processing Service** button (or if editing, the **edit** button to the associated processing service), click **Save** to submit the input, then click **Done** to return to the previous page.
- To Delete an External Processing Service: Select the **checkbox(es)** of the External Processing Service, click the **Delete Selected Processors** button (at bottom of page), then click the **OK** button to confirm deletion (or **Cancel** to discard the action).
- Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

OM GUI

OM Configuration (cont.)



❑ OM Configuration – Data-Access Processing

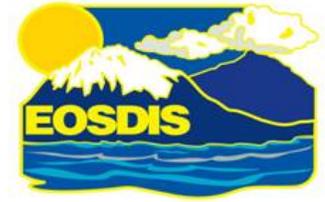
- Provides the full-capability Operator the ability to define, configure and fine-tune parameter values of Data-Access services. It is designed to be easily configurable and extendable.
- Configuration parameters on the Data Access Services Configuration Page has six working parts:
 - 1 – Services
 - 2 – Endpoint
 - 3 – Max Jobs
 - 4 – Timeout
 - 5 – Max Errors
 - 6 – Retry Interval

Also:

- 7 – **Update** options to “Delete” or “Add service
- 8 – **Active** indicator is non-configurable

OM GUI

OM Configuration (cont.)

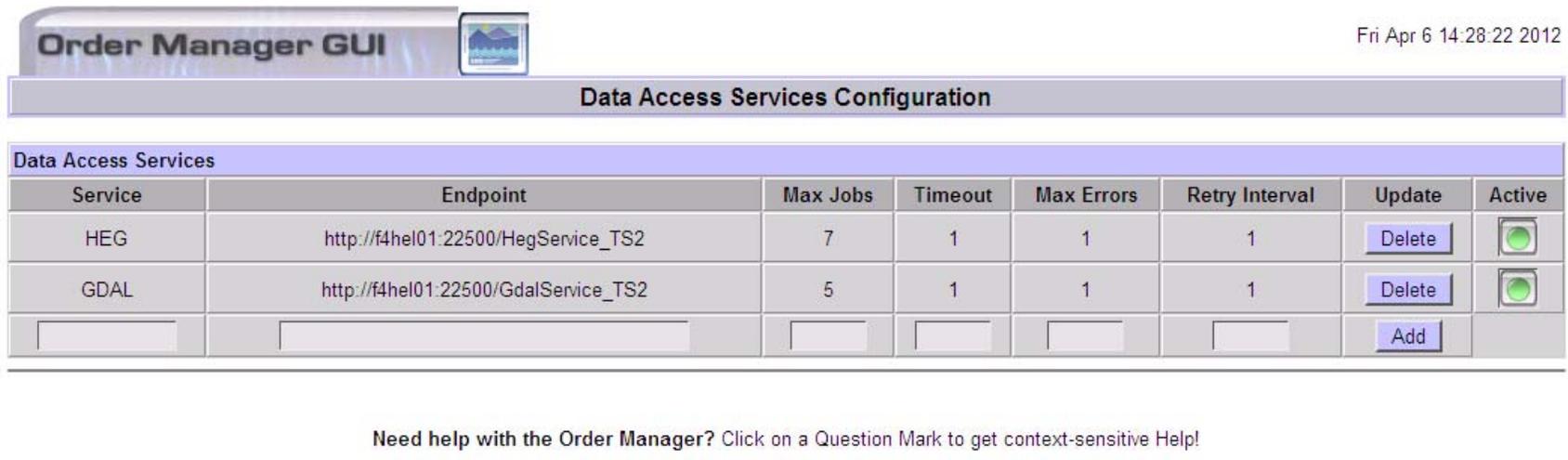


❑ OM Configuration – Data-Access Processing

▪ Procedure: Viewing Data Access Services Configuration

- ▶ Click **OM Configuration** menu, then submenu **Data-Access Processing** to display the **Data Access Services Configuration** page.

❖ **Figure: Data Access Services Configuration Page**



The screenshot shows the Order Manager GUI interface. At the top left, it says "Order Manager GUI" with a small icon. On the top right, the date "Fri Apr 6 14:28:22 2012" is displayed. The main title of the page is "Data Access Services Configuration". Below this is a table titled "Data Access Services".

| Service | Endpoint | Max Jobs | Timeout | Max Errors | Retry Interval | Update | Active |
|---------|--------------------------------------|----------|---------|------------|----------------|--------|-------------------------------------|
| HEG | http://f4hel01:22500/HegService_TS2 | 7 | 1 | 1 | 1 | Delete | <input checked="" type="checkbox"/> |
| GDAL | http://f4hel01:22500/GdalService_TS2 | 5 | 1 | 1 | 1 | Delete | <input checked="" type="checkbox"/> |
| | | | | | | Add | |

Below the table, there is a text prompt: "Need help with the Order Manager? Click on a Question Mark to get context-sensitive Help!"

OM GUI

OM Configuration (cont.)



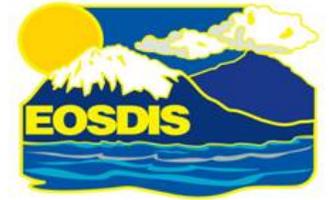
❑ OM Configuration – Data-Access Processing

▪ Procedure: Adding New Data Access Services Configuration

- To **add a new service**, click input box labeled, ‘**Services**’ and type service name, then tab to next input box.
- To enter remaining data for the service, type info in box:
 - Enter **Endpoint URL** of the service
 - Enter **Max Jobs** allowed
 - Enter **Timeouts** (seconds) for communications between the configured service and OMS
 - Enter **Max Errors** allowable
 - Enter **Retry Intervals** to the maximum number to retry requests sent to the service
- Click the **Add** button to **Update** and load the new service.
- Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

OM GUI

OM Configuration (cont.)



❑ OM Configuration – FtpPush/SCP Policy

- Provides the full-capability Operator the ability to define, configure and fine-tune parameter values of FtpPush/SCP destinations.
- Configuration parameters on the FtpPush/SCP Policy Configuration Page has three working parts:

1 – **Global Settings for All Destinations** are parameters that apply to all destinations (both frequently used and non-configured), regardless of their individual settings.

2 – **Non-Configured Destinations** are FtpPush destinations not specifically defined as Frequently Used Destinations, but use the parameter values in the Settings for Non-Configured Destinations area.

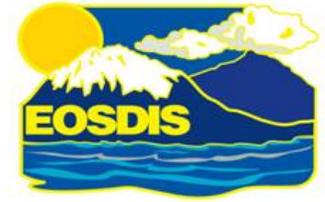
3 – **Frequently Used Destinations** are FtpPush destinations that are non-configured.

❖ **Figure: FtpPush/SCP Policy Destination Table (Fields)**

| 1 | 2 | 3 |
|--|--|---|
| Global Settings for All Destinations? | Settings for Non-Configured Destinations [Only apply to FtpPush destination] | Frequently Used Destinations |
| Fields | Fields | Fields |
| FtpPush Max Operations | Retry Mode: <input type="checkbox"/> Automatic <input type="checkbox"/> Manual | Destination Name (Alias) |
| Max. FTP Failures | Time Out | Del |
| SCP Max Operations | Min. Throughput | Media Type: <input type="checkbox"/> FtpPush <input type="checkbox"/> SCP |
| Max. SCP Failures | Max. Operations | Host Address |
| Options | Retry Interval | Destination Directory |
| Apply | Options | Retry Mode |
| Reset | Apply | Options |
| | Reset | Add a Destination |
| | | Delete Selected Destinations |
| | | Select all (Del) |

OM GUI

OM Configuration (cont.)



❑ OM Configuration – FtpPush/SCP Policy

▪ Procedure: Viewing/Modifying FtpPush/SCP Policy Configuration (cont.)

- To view details of a destination, click the underscored **Destination Name (Alias)** and the **FTPPush/SCP Destination Details** page (Figure D) displays. View **detailed information** on page and click the **Done** button to close without saving any possible changes.
- To **Disable Checksum**, select **Yes** from the drop-down list of the checksum listbox.
- To **Delete (remove) destination(s) from the Frequently Used Destinations sections**: Click the **Del** checkbox of corresponding destination(s), then click the **Delete Selected Destinations** link (at bottom of section). At the **confirmation prompt** dialog box (Figure C), click **OK** to confirm deletion(s) and move the destination(s) to the non-configured group (and erase its parameter values).
- To **Add a new destination to the Frequently Used Destinations sections**: Click the **Add New Destination** button to display the **Add New Destination** window (Figure B), enter **values/data** to fields/parameters, then click the **Save** button to submit and to refresh the FTP Push/SCP Policy Configuration page (Figure A).
- Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

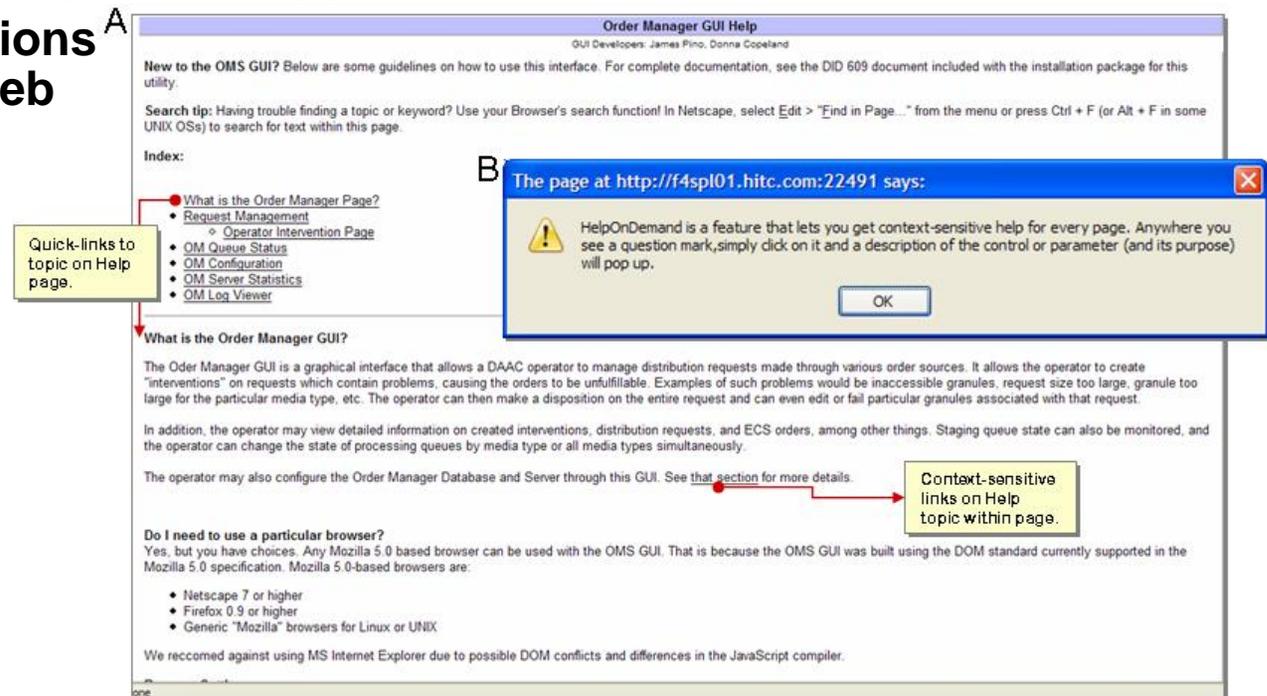
Order Manager GUI Help



□ OM GUI – HELP

- There are two Help submenu options:
 - About HelpOnDemand... which features context-sensitive help for each page, especially for non-descriptive controls or parameters.
 - Help which features text on various OM GUI related topics.
- ❖ Figure: Help (A) and HelpOnDemand (B)

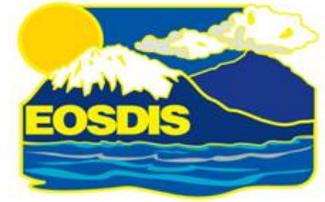
- Active search functions using the current web browser is also available on pages within the GUI.



The screenshot shows the 'Order Manager GUI Help' page. It includes a search tip, an index of topics, and a section titled 'What is the Order Manager GUI?'. A yellow callout box labeled 'A' points to the index, stating 'Quick-links to topic on Help page.' A blue callout box labeled 'B' shows a 'HelpOnDemand' pop-up window with a warning icon and the text: 'The page at http://f4spl01.hitc.com:22491 says: HelpOnDemand is a feature that lets you get context-sensitive help for every page. Anywhere you see a question mark, simply click on it and a description of the control or parameter (and its purpose) will pop up.' A red arrow points from a question mark in the main text to a yellow callout box labeled 'Context-sensitive links on Help topic within page.'

Order Manager GUI

View Order Status



□ OM GUI – View Order Status

- The OM GUI Order Status page allows the Operators (Full or Limited-capability) the ability to monitor and/or view the status of orders submitted via the OM GUI.
- The Operator can view detailed information in three status levels:
 - Order Status
 - Request Status
 - Granule Status.

▪ View Order Status submenu:

- OM GUI Order Status.

❖ Figure: Get Order Status Page



The screenshot shows the 'Get Order Status' page with the following elements:

- Get Order Status** (Page Title)
- Enter the Order ID** (Text Input Field)
- GetOrderStatus** (Button) and **Reset** (Button)
- Clears entry/fields.** (Callout)
- Get current status of pending and/or current orders.** (Callout)
- To get an order history (a listing of past orders with status), select either the number of days to look back (from today) OR select the date range** (Instructional Text)
- Enter The Email Id** (Text Input Field)
- NOTE: Use email Id associated with order.** (Callout)
- Number of Days** (Dropdown Menu)
- OR --** (Text)
- BeginningDate** (Text Input Field) with format **(MM/DD/YYYY)**
- EndDate** (Text Input Field) with format **(MM/DD/YYYY)**
- GetRangeofOrderStatus** (Button) and **Reset** (Button)
- Clears entry/fields.** (Callout)
- Get historical status of past and/or completed orders.** (Callout)

Generates search (of current or historical status) on specified field entry. (Callout pointing to the Order ID and Email Id fields)

OM GUI

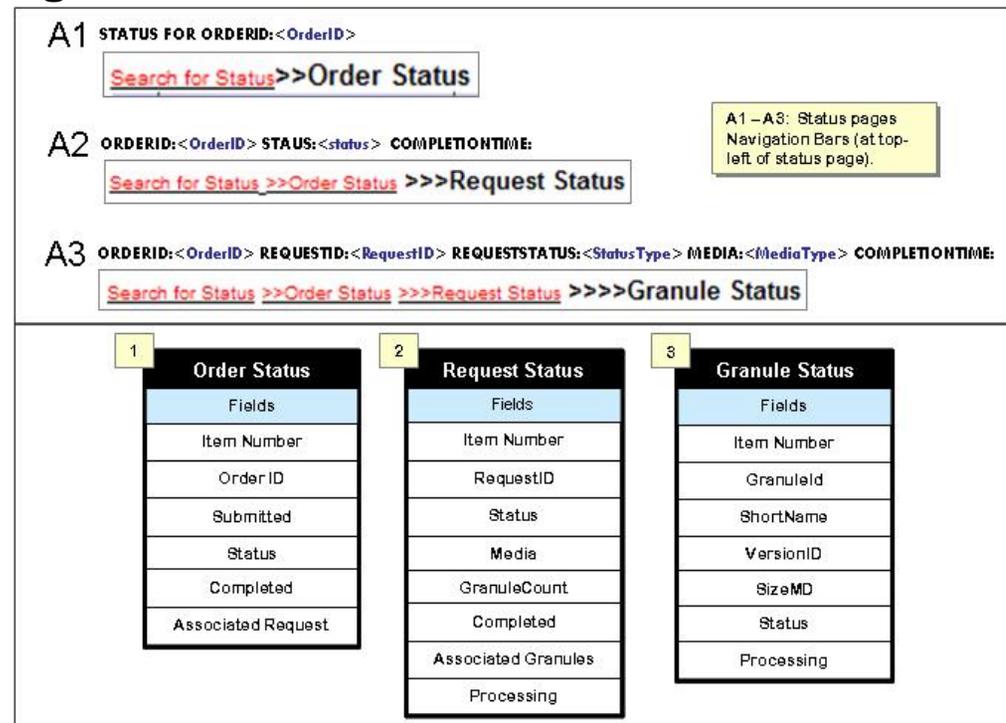
View Order Status (cont.)



□ View Order Status – OM GUI Order Status

- Provides a visual display of viewing multiple levels of a particular order status
- The Operator can search through to the lower levels of the order, the status path is capture as a navigation bar.

❖ Figure: Get Order Status Pages Navigation Bars and Fields



OM GUI

View Order Status (cont.)



□ View Order Status – OM GUI Order Status

▪ Procedure: Viewing Distribution Requests Order Status Pages

- ▶ Click **View Order Status** menu, then submenu **OM GUI Order Status** to display the **Get Order Status** page.
- ▶ To retrieve a **current order status**: First, **Enter the Order ID** using a complete 10 digit order id. Next, click **GetOrderStatus** button to retrieve the most current status and to display the **STATUS FOR ORDERID:<OrderID>** page.

- ▶ To retrieve the **status of a historical order**: First, **Enter the Email ID** address (id must be associated with an historical order) and select the number of **Number of Days** from the list box – select **30**. Or, enter a valid range using the **BeginningDate** (MM/DD/YYYY) and **EndDate** (MM/DD/YYYY) text fields. Next, click the **GetRangeofOrder Status** button to retrieve the most current status and to display the **Order List** page of related historical status(es).

❖ **Figure: Order Status Pages (A-B2)**

A Get Order Status form with fields for Order ID, Email ID, Number of Days, BeginningDate, and EndDate.

B1 STATUS FOR ORDERID:0300084004 page showing a table with columns: #, OrderId, Submitted, Status, Completed, Associated Request.

| # | OrderId | Submitted | Status | Completed | Associated Request |
|---|------------|---------------------|---------|-----------|--------------------|
| 1 | 0300084004 | Jul 20 2007 12:16PM | Pending | | 0300082263 |

B2 Order List page showing a table with columns: #, OrderId, Submitted, status, completed, Associated Requests.

| # | OrderId | Submitted | status | completed | Associated Requests |
|---|------------|---------------------|----------|-----------|---------------------|
| 1 | 0300083992 | Jul 20 2007 11:42AM | Canceled | | 0300082250 |
| 2 | 0300083993 | Jul 20 2007 11:42AM | Canceled | | 0300082251 |
| 3 | 0300083991 | Jul 20 2007 11:42AM | Canceled | | 0300082252 |
| 4 | 0300083994 | Jul 20 2007 11:42AM | Canceled | | 0300082253 |
| 5 | 0300083996 | Jul 20 2007 11:42AM | Canceled | | 0300082254 |

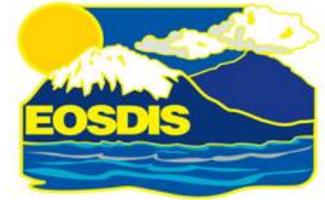
C Order List search page showing an error message: "ERROR (more Error Details...)" and several browser error messages.

Annotations:

- Red arrows point from the procedure text to the corresponding fields and buttons in the screenshots.
- Yellow callout boxes provide additional information: "If values do not meet entry criteria, ERROR occurs with detail related prompt." and "Status differences related to current and historical results."

OM GUI

View Order Status (cont.)



□ View Order Status – OM GUI Order Status

▪ Procedure: Viewing Distribution Requests Order Status Pages (cont.)

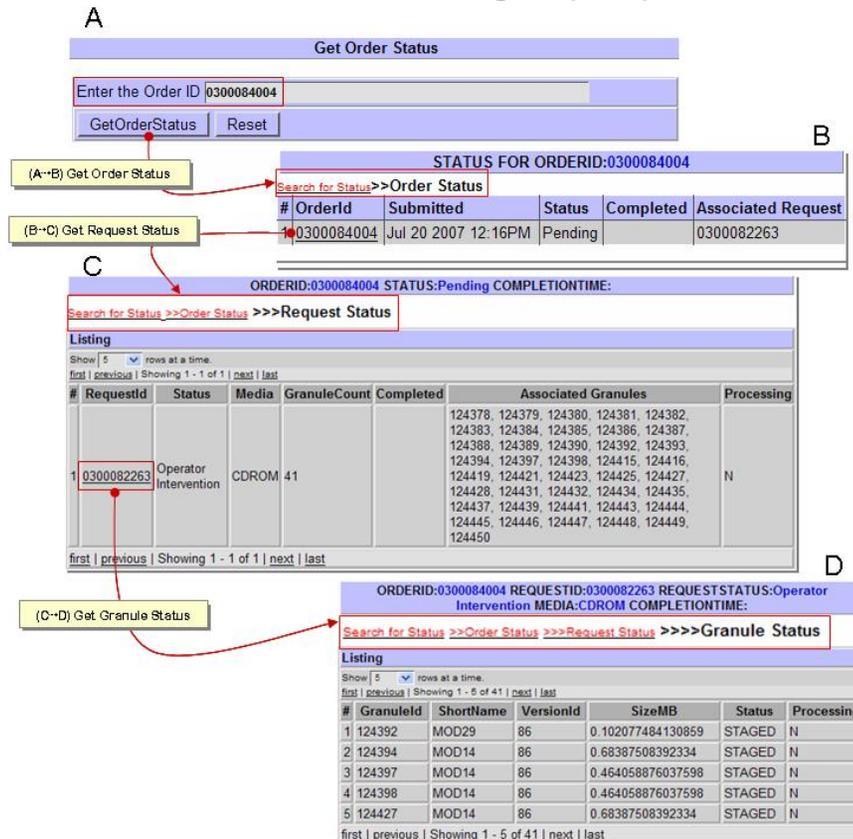
- To retrieve the **status of a current order details**: First, **Enter the Order ID** 10 digit order id from the **Get Order Status** page (Figure A). Next, click **GetOrderStatus** button to retrieve the most current status and to display the **STATUS FOR ORDERID:<OrderID>** page. Click the **OrderId<number>** under the **OrderID** column to display the **Listing** details of the **Request Status** (Frame C)
- To retrieve the **Granule Status** (Frame D): Click the **RequestID<number>** under the **RequestID** column to display the details of the **Granule Status**.
- Using the navigation bar, click the **Search for Status** link to return to the **Get Order Status** page (Frame A) and to perform other order status searches.
- Return to the **Order Manager Home** page, on left-pane of OM GUI click the **HOME** link.

OM GUI

View Order Status (cont.)

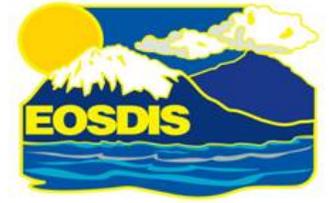


- View Order Status – OM GUI Order Status
 - Procedure: Viewing Distribution Requests Order Status Pages (cont.)
 - ❖ Figure: Order Status Details Pages (A-D)



Order Manager GUI

Logs



□ OM GUI – LOGS

- The OM GUI Log keeps record of every page run and every stored procedure called within those pages.
- The log aid the System Administrator in problem resolution when errors are encountered.
 - EcOMGui.log is the log filename.
 - The log file path is typically in directory [/usr/ecs/MODE/CUSTOM/WWW/OMS/cgi-bin/logs] on the Data Pool Server host [x0dps01] where the OM GUI is installed.
- **Logs submenu:**
 - OM GUI Log Viewer.

OM GUI

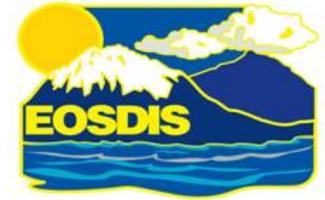
Logs (cont.)



❑ Logs – OM GUI Log Viewer

- A convenient diagnostic tool that displays all current activity in the OM GUI and allows the Operator the capability to view entries captured (from page runs and stored procedures) in the log file.
- The log file that the log viewer displays is located under the [cgi-bin/logs] directory where the OM GUI is installed:
 - It is not the web server log or the SYSLOG.
 - It is a log [EcOmGui.log] that is specifically generated by and for the OM GUI.
- **Procedure: Viewing the OM GUI Log**
 - Click **Logs** menu, then submenu **OM GUI Log Viewer** to display its page
 - To view the log file: Enter **20** in the **View the last ____line(s) of the log file** textbox, then click the **OK** button to generate a 20 page history.
 - **NOTE:** The log viewer's functions similar to that of the UNIX "tail" command – the number of lines need to be seen must be specified. Otherwise, if 0 is specified or left blank the entire log file will display.
 - Return to the **Order Manager Home** page: on left-pane of OM GUI, click the **HOME** link.

OM GUI Logs (cont.)



❑ Logs – OM GUI Log Viewer

❖ Figure: OM GUI Log Viewer Page (A) and Log File Display (B)

A

OM GUI Log Viewer

3,300 MB
33746 lines
Last modified on Sat Apr 9 13:16:16 2005

View the last line(s) of the log file.
Leave blank to view entire log.

B

Viewing last 20 lines of the log file:
 show line numbers [last line]

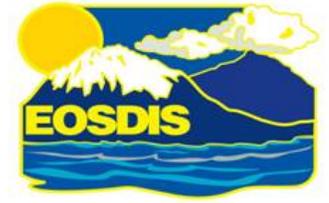
Line numbers display option.

```
33727:[Sat Apr 9 13:16:16 2005] EcOmGuiPmdActions.pl: Use of uninitialized va
33728:[Sat Apr 9 13:16:16 2005] EcOmGuiPmdActions.pl: Use of uninitialized va
33729:*** **** EcOmGuiPmdActions: Input Parameters on Entry ***
33730:autoRefresh => off
33731:refreshrate => 5
33732:sessionId => ralphadmin
33733:Sat Apr 9 13:16:15 2005 There are NO selected action types
33734:Sat Apr 9 13:16:15 2005 GetPhysicalMediaDataFromDB: sql is
33735: DECLARE @Total_Requests int
33736:
33737:         declare @total_output int
33738:
33739:         EXEC OmGetMediaActionList
33740:
33741:         @sortAction="DueDate",
33742:@Request_Id_No = 1,
33743:@batchsize = 50,
33744:@Screen_Action = "C",
33745:@InterventionTypeList = "ALL",
33746:@Total_Requests = @total_output output
```

Displays last 20 lines in Log by line number.

Order Manager GUI

Admin Tools



□ OM GUI – Admin Tools

- **The OM GUI Admin (Administrator) Tools page controls Operators' profiles and configuration for every field, on every page that is generated within the OMS GUI.**
- **Admin Tools submenus:**
 - Server/Database Parameters – to check and modify server/database parameters values.
 - Media Parameters – to check and modify media parameters values.
 - Aging Parameters – to configure aging parameters (rules) values.
 - FtpPush Policy – to set permissions for FTP Push Policy Configuration Pages.
 - Actions Pages – provides a set of predefined permissions to set, remove, suspend or resume any/all related actions and/or related configurations on any/all related OM GUI pages
- **This page is restricted for use by the site Administrator only and will not be trained.**