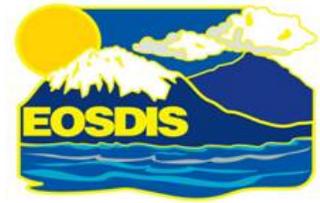


Data Distribution

August 2008

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 and stages granules.**
 - **Spatial Subscription Server (NBSRV) – talks directly to OMS; automatic product request generated based on subscription criteria.**
 - **Science Command Line Interface (OmSCLI) – allows acquired products by Order Manager Server.**

Distribution Concepts (cont.)

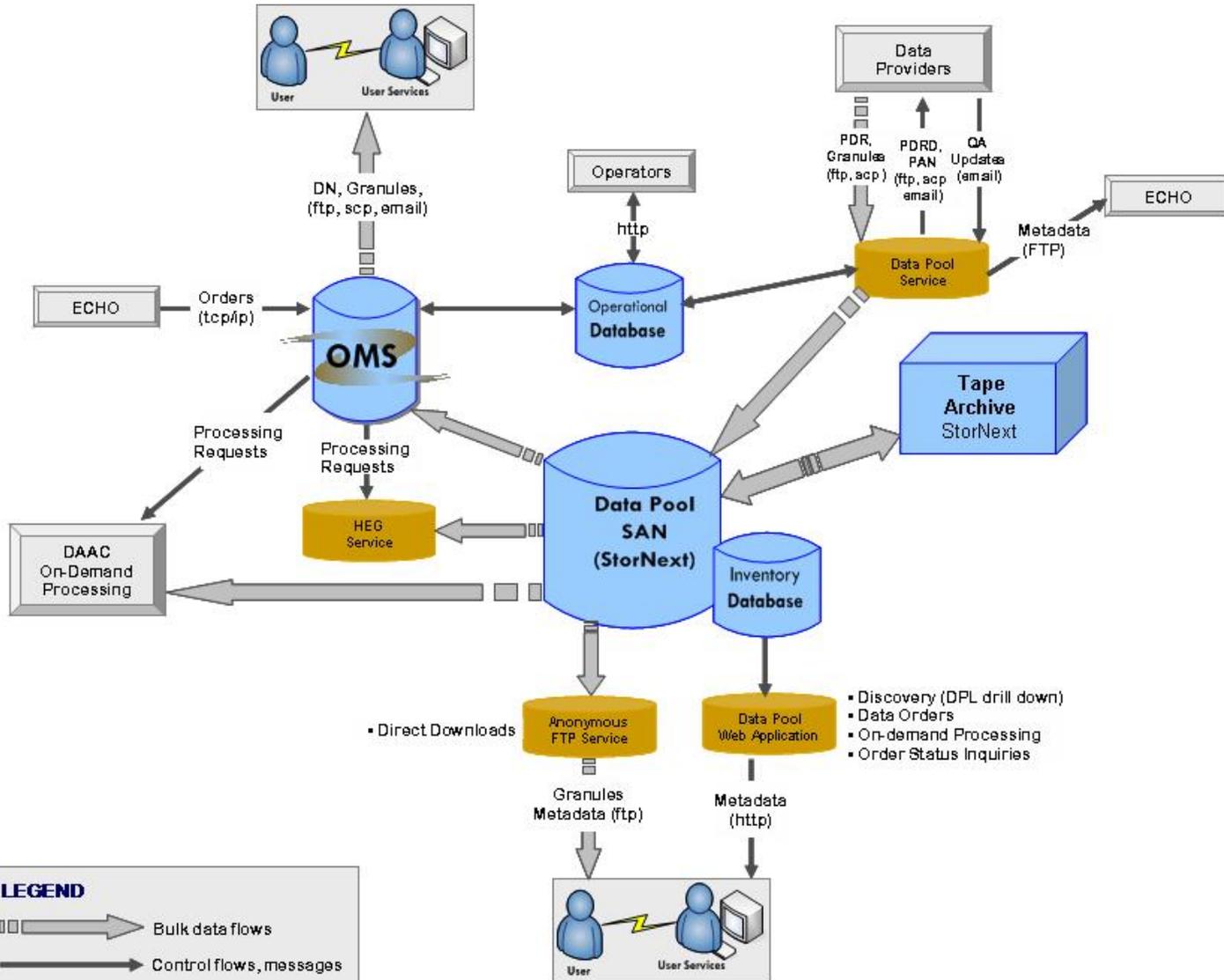


- ❑ **OM Server validates all data order requests received into the OM Subsystem (OMS), then dispatches each validated request to the appropriate order-fulfillment service.**
- ❑ **OMS manages distribution of data by two methods:**
 - 1 – Electronically (directly distribute data from staged files linked to DPL storage directory):**
 - FtpPush/SCP
 - FtpPull.
 - 2 – Physical Media (created by the Production Module Device on physical media):**
 - Digital Linear Tape (DLT)
 - Digital Video Disk (DVD)
 - Compact Disk (CD).

NOTE: *Physical Media* is not utilized by LaRC, but at all other DAACs

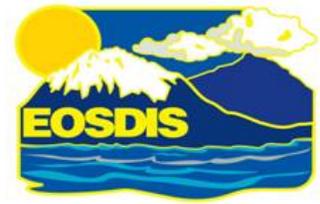
Distribution Concepts

System Context Diagram (cont.)



Order Manager Subsystem

Support for External Processors



- OMS manages order from WIST, ECHO and the External Processor via EWOC (including hard-media orders and HDF-EOS to GeoTIFF (HEG) Conversion Tool orders).
- OMS stages each order to DPL storage and creates links from staged files to 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.

Order Manager Subsystem

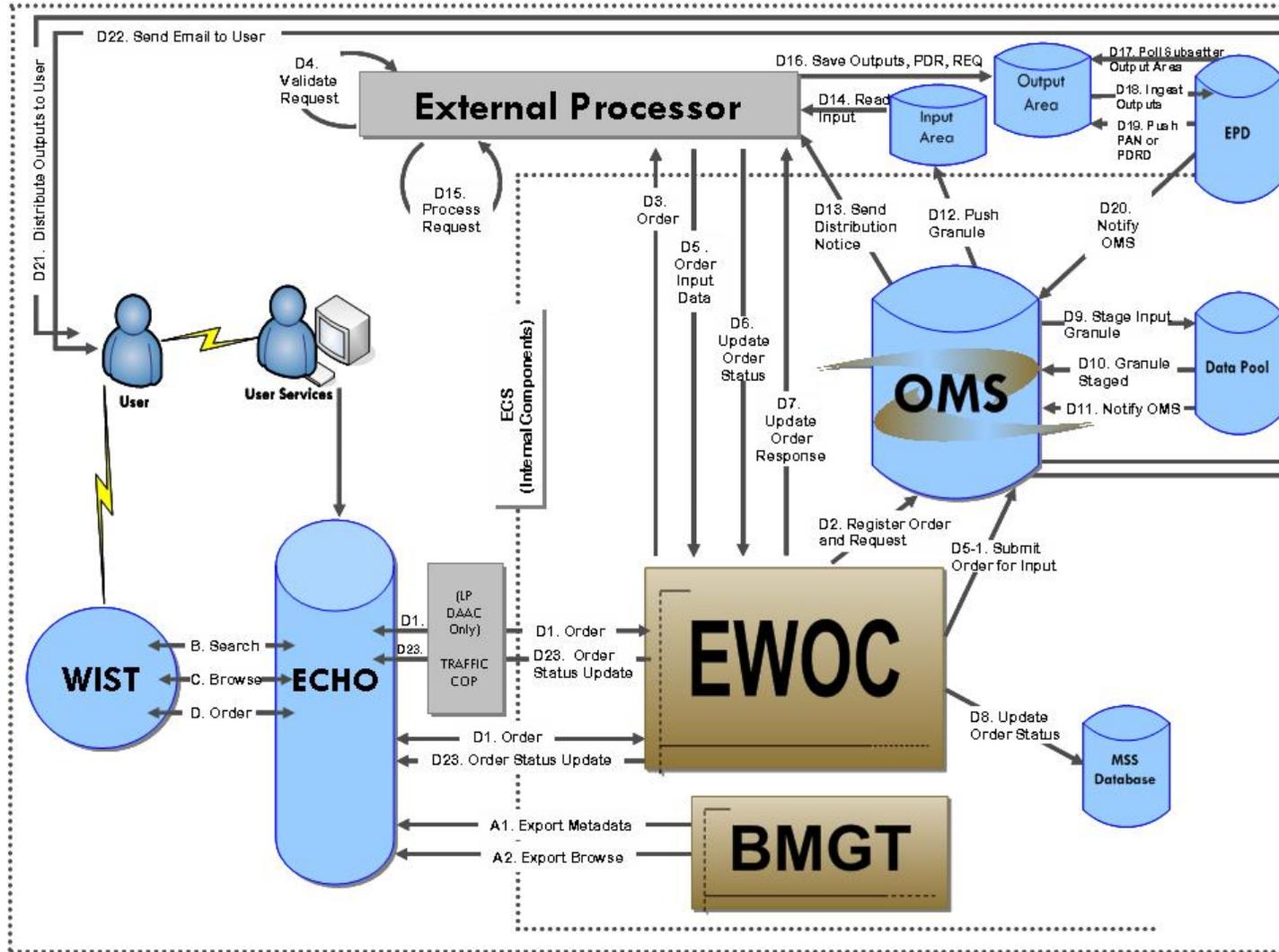
Support for External Processors (cont.)



- ❑ **OMS distributes external processing outputs like any other data (e.g., HEG processing outputs):**
 - OMS displays external processing orders with associate 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 Flow Diagram



Order Manager Subsystem

OM Server Components



❑ **OM Server has four 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.

3 – Physical Media Device (Luminex):

- Transfers products electronically.
- Transfers digital products to three physical media types.
- Prints labels and inserts for physical media distribution.

4 – OMS Bulk Browse Utility (ECSBBR):

- Extracts browse cross-reference and copies into DPL(SAN) non-existing browse granule files.
- Updates granule files list in OMS to include DP copied files.

Order Manager Services

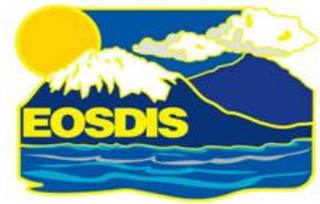
OM GUI Functionalities



- ❑ **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

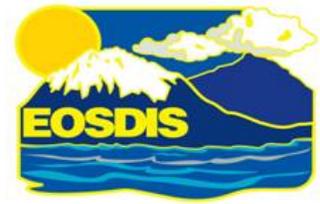
OM GUI Functionalities (cont.)



- ❑ **General functions and processes associated with data distribution operations can be performed as follows:**
 - Viewing/Modifying OM Queue Status
 - Viewing HEG Order Status
 - Viewing Staging Status
 - Viewing Pending HEG Granules
 - Viewing Data Pool File System Status
 - Checking/Modifying Assigned Values of Aging Parameters
 - Checking/Modifying Assigned Values of OMS Server and Database Parameters
 - Checking/Modifying Assigned Values of Media Parameters
 - Checking/Modifying Assigned Values of Media Creation 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 Services Configurations
 - Viewing/Modifying FtpPush/SCP Policy Configurations
 - Using the PMD Media Creation Console
 - Filtering/Modifying PMD Device Configurations
 - Responding to Open PM Interventions
 - Modifying Existing PMD Printer Configuration
 - Modifying Existing PMD Production Module Configuration
 - Printing PMD Reports
 - Adding/Deleting Compressed Format ESDTs
 - 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 0.9+, generic “Mozilla” for Linux or UNIX.**

❑ **Procedure: Logging into the System**

- Enter **URL** (`http://x4iil01.<DAAC_extension>:<port>`).
- Enter Security Login **Prompt** information.
- ❖ **Figure: Prompt dialog box**

A screenshot of a 'Prompt' dialog box. The title bar reads 'Prompt'. Inside the dialog, there is a question mark icon in a speech bubble followed by the text: 'Enter username and password for "OMS Realm" at p2dps01.pvc.ecs.nasa.gov:22421'. Below this, there are two input fields. The first is labeled 'User Name:' and contains the placeholder text 'Username'. The second is labeled 'Password:' and contains the placeholder text 'Password'. At the bottom left, there is a checkbox labeled 'Use Password Manager to remember these values.' which is currently unchecked. At the bottom center, there are two buttons: 'OK' and 'Cancel'. The 'OK' button is highlighted with a red rectangular border.

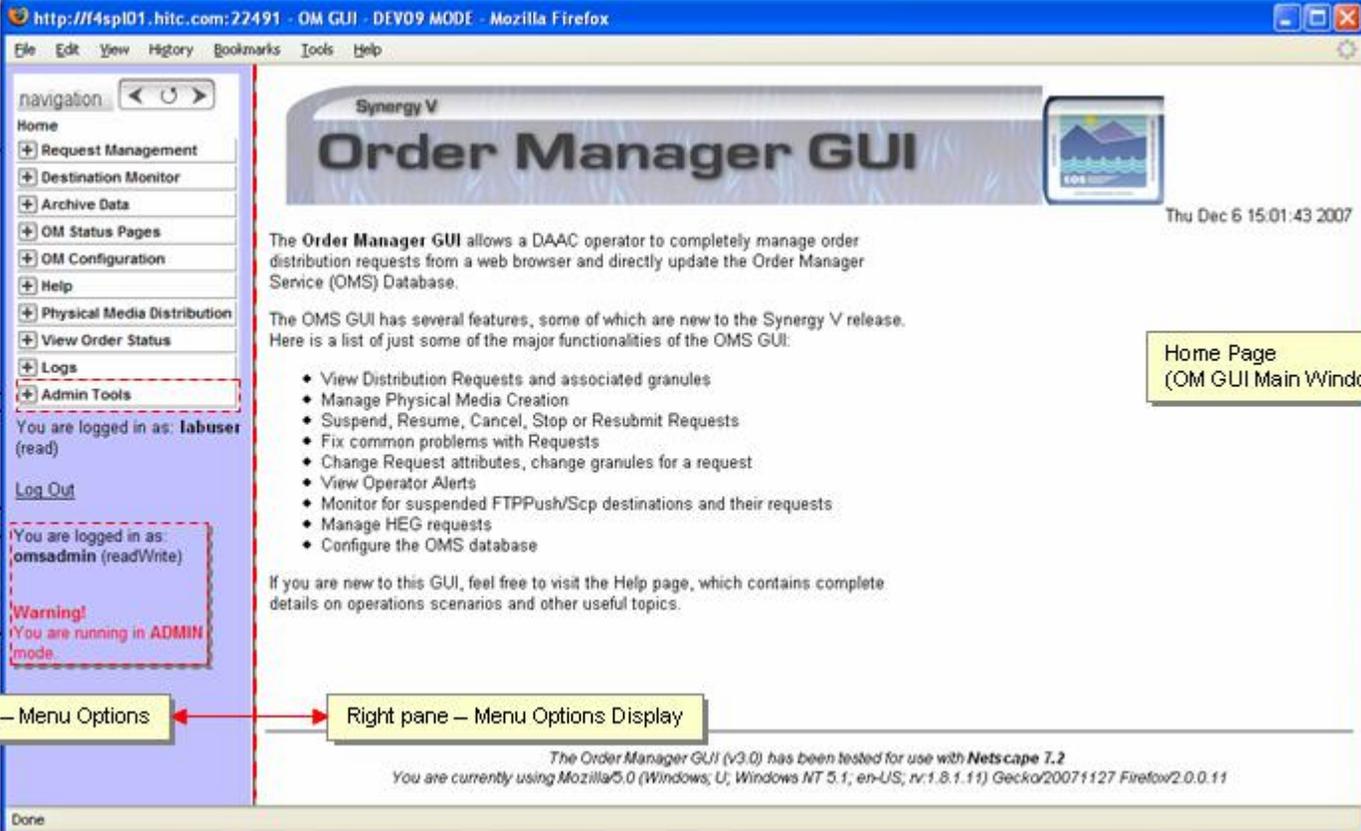
- Click **OK** to launch the Order Manager GUI (Home Page).

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 title is "http://f4spl01.hitc.com:22491 - OM GUI - DEV09 MODE - Mozilla Firefox". The browser menu bar includes File, Edit, View, History, Bookmarks, Tools, and Help. The page content includes a navigation pane on the left, a main content area with a header "Synergy V Order Manager GUI", a date "Thu Dec 6 15:01:43 2007", and a list of features. The browser status bar at the bottom indicates "Done".

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:

You are logged in as: **labuser** (read)

[Log Out](#)

You are logged in as: **omsadmin** (readWrite)

Warning!
You are running in **ADMIN** mode.

Home Page (OM GUI Main Window)

Left pane – Menu Options

Right pane – Menu Options Display

Home Page (OM GUI Main Window)

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:

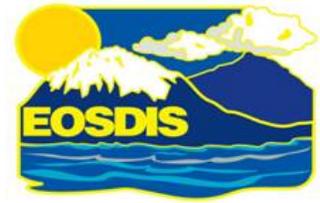
- View Distribution Requests and associated granules
- Manage Physical Media Creation
- Suspend, Resume, Cancel, Stop or Resubmit Requests
- Fix common problems with Requests
- Change Request attributes, change granules for a request
- View Operator Alerts
- Monitor for suspended FTPPush/Scp destinations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

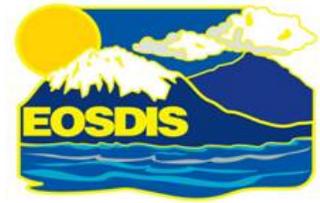


Order Manager GUI Menu

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 ▪HEG 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 provides 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 historical 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 states i.e., suspended or active, for each media server or email. It also displays each archive server's staging status.	<ul style="list-style-type: none"> ▪OM Queue Status ▪HEG Order Status ▪Staging Status: <ul style="list-style-type: none"> –Media Type –FTP Push Destination –SCP Destination 	<ul style="list-style-type: none"> ▪Pending HEG Granules ▪DPL File System Status

Order Manager GUI

OM GUI Home Page (cont.)



Order Manager GUI Menu

Navigation Menu Options	Submenu Options	
<ul style="list-style-type: none"> ❑ 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.], [HEG] 	<ul style="list-style-type: none"> ▪ Media ▪ Media Creations ▪ ODL Metadata Users ▪ Checksum Users ▪ External Processing ▪ FtpPush/SCP Policy
<ul style="list-style-type: none"> ❑ Help provide guidelines to using the OMS GUI. 	<ul style="list-style-type: none"> ▪ About HelpOnDemand... 	<ul style="list-style-type: none"> ▪ Help
<ul style="list-style-type: none"> ❑ Physical Media Distribution controls and some configurations for creating and distribution Physical Media. 	<ul style="list-style-type: none"> ▪ Media Creation Console ▪ Device Configuration ▪ Open Interventions ▪ Printer Configuration 	<ul style="list-style-type: none"> ▪ PM Configuration ▪ Reports ▪ ESDT Configuration
<ul style="list-style-type: none"> ❑ 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 	
<ul style="list-style-type: none"> ❑ 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 	
<ul style="list-style-type: none"> ❑ 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">▪Administers 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:

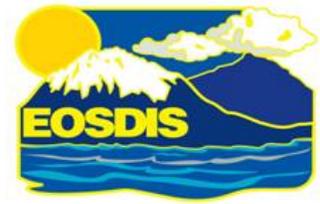
- The AutoRefresh Control Panel, displayed at bottom of most OM GUI pages, can be set to automatically reload an active page by designated minutes.

❖ 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.
 - HEG 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.)

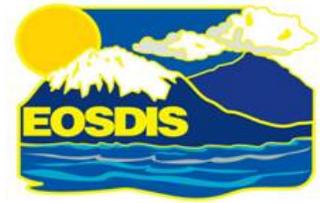


❑ Request Management – Open Interventions

- **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 confirm 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

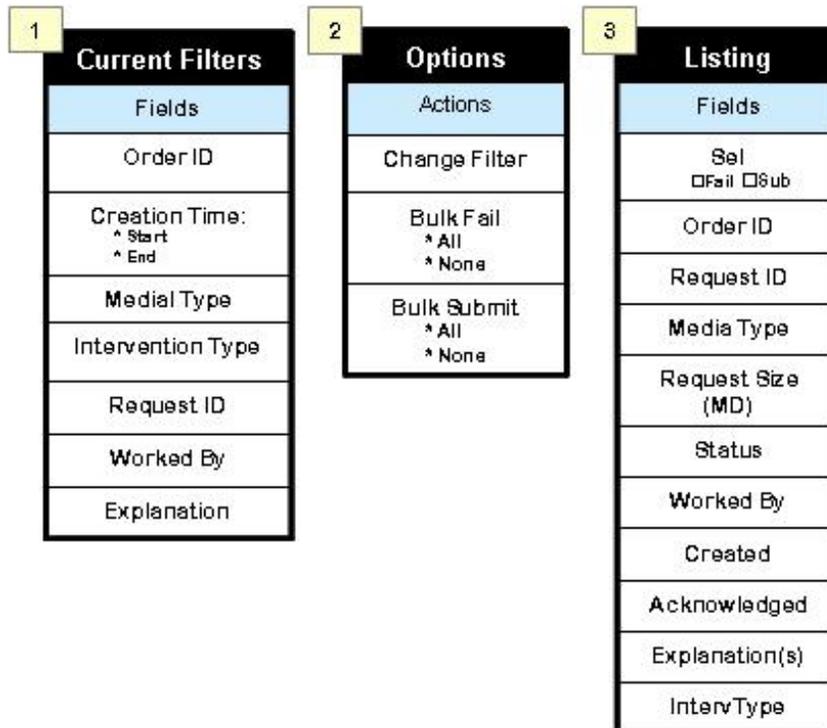
Request Management (cont.)



❑ 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.

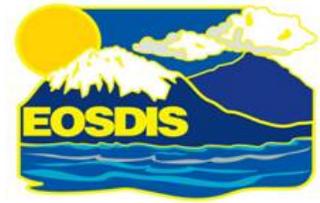
❖ Figure: Worker Assignment



- 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

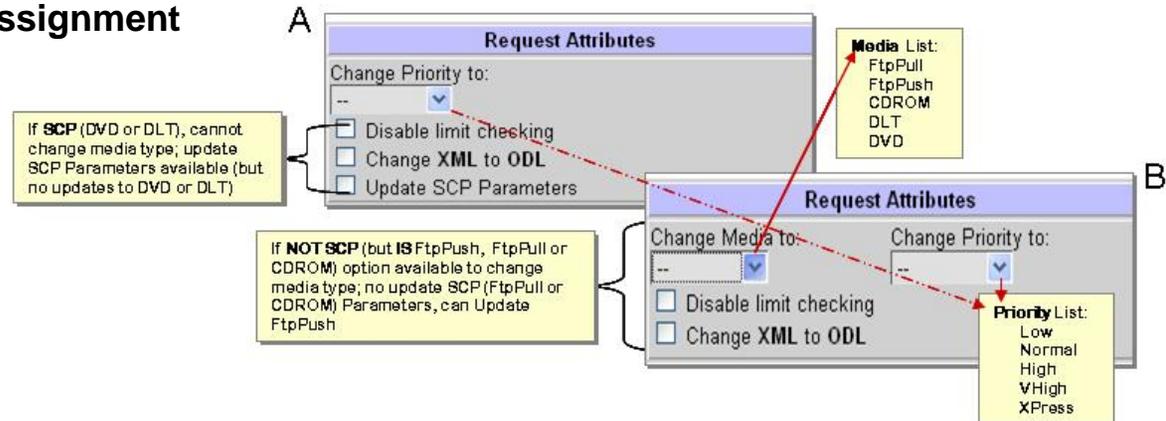
Request Management (cont.)



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

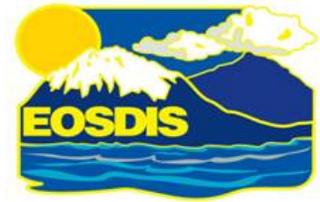
- Keep on hold
- Submit
- Fail Request
- Partition [Interval: day(s) and hours]

➤ 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.)



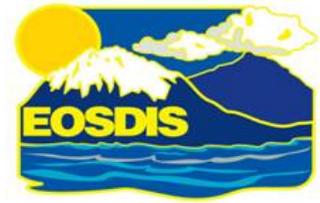
Request Management – Open Interventions

❖ Figure: Open Interventions Page

Open Interventions												
Current Filters												
Order ID: None		Request ID: None			Worked By: None							
Creation Time:		Start: Jan 9 2007 10:42AM			End: Jan 10 2008 10:42AM							
Media Type:		Intervention Type: ALL			Explanation: ALL							
Options												
Change Filter			Bulk Fail			Bulk Submit						
<input type="checkbox"/> All <input type="checkbox"/> None			<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 50 rows at a time.												
first previous Showing 1 - 50 of 540 next last												
Sel	Fail	Sub	Order ID	Request ID	Media Type	Request Size (MB)	Status	Worked By	Created	Acknowledged	Explanation(s)	Interv Type
<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"/>	<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"/>	<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](#) User ID: [labuser\(labuser@eos.hi.com\)](#)
Request ID: [0300082129](#) Created: Apr 17 2007 11:04AM
Input Size: 119 estimated MB Acknowledged:
Media Type: scp Request Status: Operator Intervention
Priority: VHIGH Metadata Format: XML
Explanation(s): Transfer failed
Worked by: - no worker assigned - [[assign](#)]

Granule List

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

GranuleId	DPL ID	ESDT	Type	In Size (MB)	Out Size (MB)	Status	Explanation	Action
124256 <input type="text"/> <input type="button" value="Apply"/>	157831	AST_L1B.003	SC	119.753		FAILED	scp Copy Server is down Manual fail required	Fail <input type="checkbox"/>

Select all

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

Request Attributes	Request Level Disposition
Change Priority to: -- <input type="text"/> <input type="button" value="v"/> <input type="checkbox"/> Disable limit checking <input type="checkbox"/> Change XML to ODL <input type="checkbox"/> Update SCP Parameters	<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 – Open Interventions

❖ Figure: Close Confirmation for Intervention (FtpPush/SCP changed to CDROM)

Operator Notes (B)

0 of 255 max characters

If disposition to **Keep on hold**, request-level attributes are rejected and **Operator Notes** saved

Apply reset

Compare "**Disposition**" confirmations:
 • **Submit** to close intervention (A close)
 • **Keep on hold** intervention (A hold)

CONFIRMATION FOR INTERVENTION 4502105 (A hold)

You are about to **place this intervention on hold**.
 Only the operator notes will be saved.
 This intervention will not be closed.

The following actions will be taken:

Disposition	Limit Checking Disabled	New Media	New Priority	New MetadataFormat
keep on hold				

WARNING: Since you are placing this intervention on hold, none of the request-level attributes you selected will be applied - only the operator notes will be saved.

Are you sure you want to take the action(s) listed above?
 (Clicking the Cancel button will bring you back to the Intervention Page for this intervention ID)

OK Cancel

Warning and Important Alerts

IMPORTANT: - Since you are changing the media type from an electronic to a physical type (CDROM), please fill in or update the shipping information in the form below:

Address 1	48934 Hathaway Street
Address 2	Building 6
Address 3	Suite 100
City	College Park
State/Province	MD
	Leave blank; if not applicable.
Country	USA
Zip/Postal Code	20780
	*Required field

If **physical media** changed, update or fill-in information shipping label, as required.

CLOSE CONFIRMATION FOR INTERVENTION 5501426 (A close)

You are about to close this intervention.

The following actions will be taken:

Disposition	Limit Checking Disabled	New Media	New Priority
submit	no	CDROM	HIGH

Are you sure you want to take the action(s) listed above?
 (Clicking the Cancel button will bring you back to the Intervention Page for this intervention ID)

OK Cancel

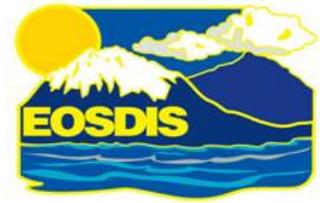
INTERVENTION PLACED ON HOLD (C confirmed)

Intervention 4502105 has been placed on hold. The OM Database has been updated with the changes.

OK

OM GUI

Request Management (cont.)



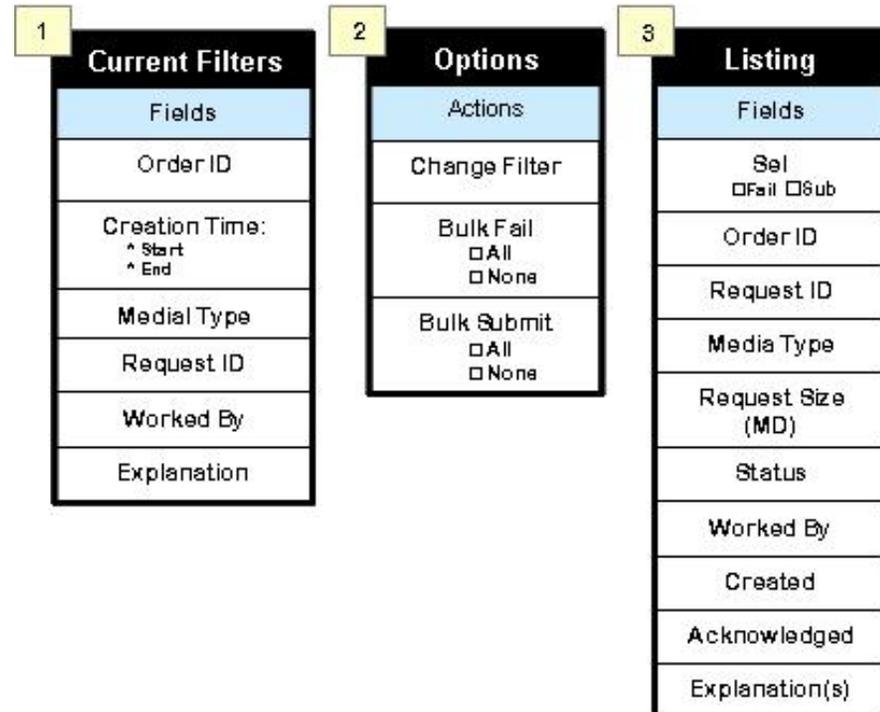
Request Management – HEG Interventions

- HEG Interventions processing involve “line items” and associated detailed links. HEG orders contain a mix of granule types. The Open HEG Interventions page provides Operator the capability to:

- Assign/Change Worker.
- Fail selected granule(s).
- Fail a request.
- Change request’s disposition level.

Open Interventions Page has three working parts:

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



OM GUI

Request Management (cont.)

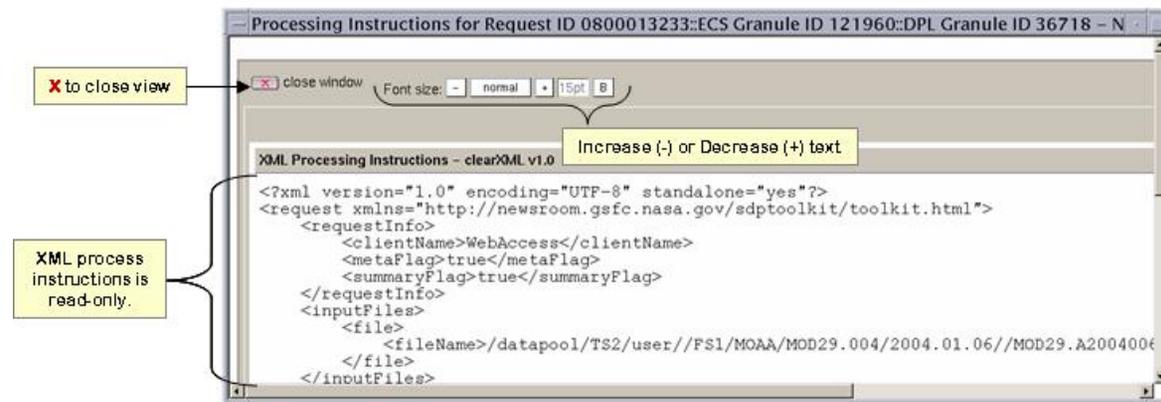


□ Request Management – HEG Interventions

▪ Procedure: Viewing/Responding to Open Interventions

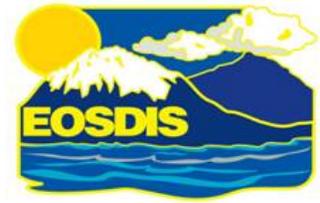
- ▶ Click **Request Management** menu, then click submenu **HEG Interventions**.
- ▶ Specify the **Show <number> rows at a time** display: Under **Listing**, select **20**.
- ▶ View open HEG Interventions For Request <ID> details: Click a specified **Request ID <number>**.
- ▶ Assign a Worker: Click the **assign** link and enter **<employeeID>** in input box, then click the **green-checked** button to confirm.
- ▶ View processing instructions detailed data related to a granule ID, click **[View...]** link, under the **Processing Instructions** column heading in the **Input Granule List** section of the details page. Click the red, **X-close window** link, returns to open HEG Interventions For <Request ID> page.

❖ Figure: Processing Instructions for Request <ID> Window



OM GUI

Request Management (cont.)



❑ Request Management – HEG Interventions

▪ Procedure: Viewing/Responding to Open Interventions

- ▶ To Fail Action(s) on request(s): Under **Input Granule List** section, select the **Fail** or **Select all** (bulk fail) checkbox under the **Action** column section. Select one or more **Request Level Disposition** options. Enter **Operator Notes**. Click **Apply** to commit/submit action, then click **OK** button to confirm closure of the Intervention(s).

❖ Figure: Close Confirmation For Intervention <ID> Page

The screenshot shows a dialog box titled "CLOSE CONFIRMATION FOR INTERVENTION 6500901". The text inside reads: "You are about to close this intervention. The following actions will be taken:" followed by a table. Below the table is a "PLEASE NOTE" section and a confirmation question with "OK" and "Cancel" buttons.

Disposition	Limit Checking Disabled	New Media	New Priority
Resubmit, retrying failed granules	no		

PLEASE NOTE: Any granules marked "failed by operator" will attempt to be reprocessed. If this is not what you wanted, go back and select the "Submit" disposition, which will permanently remove any "failed by operator" granules from the request.

Are you sure you want to take the action(s) listed above?
(Clicking the Cancel button will bring you back to the Intervention Page for this intervention ID)

OK Cancel

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

OM GUI

Request Management (cont.)



Request Management – HEG Interventions

❖ Figure: Open HEG Interventions Page

Open HEG Interventions

Current Filters

Order ID: None Request ID: None Worked By: None

Creation Time: Start: Jan 1 2006 00:00 End: Dec 7 2007 03:10PM

Media Type:

Explanation: Archive Host Cannot be Reached, Collect Media For QC, Failed Validation Of Configured Destination, Failed by Operator, Failed transferring, File not found in Archive, File not found in Archive, Ftp Login Errors, FtpPush Directory does not Exist or No Write Permission, Granule exceeds media capacity, Granule failed staging, Heg Processing Error, Heg Processing Error, Invalid Host Address, Invalid Password, Invalid UR/Granule Not Found, Max Retry Reached, Max time allowed for Ftp Push Exceeded, Maximum Granule Count Exceeded, Media Creation Error, Media Creation Stopped, Request Resubmitted, Request suspended by Operator, Request suspended by Server, Transfer failed, Waiting For device assignment

Options

All None All None

Click on a request ID to view more details.

Listing

Go directly to row: of 4 rows Show 50 rows at a time.

[first](#) | [previous](#) | Showing 1 - 4 of 4 | [next](#) | [last](#)

Sel	Fail	Sub	Order ID	Request ID	Media Type	Request Size(MB)	Status	Worked By	Created	Acknowledged	Explanation(s)
<input type="checkbox"/>	<input type="checkbox"/>		0800000087	0800000091	FtpPull	30	PENDING		Sep 7 2006 1:58PM		Heg Processing Error
<input type="checkbox"/>	<input type="checkbox"/>		0800000088	0800000092	FtpPull	58	PENDING		Sep 7 2006 3:10PM		Heg Processing Error
<input type="checkbox"/>	<input type="checkbox"/>		0800000089	0800000093	FtpPull	30	PENDING		Sep 11 2006 3:04PM		Heg Processing Error Duplicate Req. Ids

OM GUI

Request Management (cont.)



Request Management – HEG Interventions

❖ Figure: Open HEG Interventions For Request <ID> Details Page and its Table (Fields and Actions).

Intervention For Request 0800013233

Order ID: 0800014646 User ID: ECSSQuest_ly@p00ns02.pvc.ecs.nasa.gov
 Request ID: 0800013233 Created: Apr 5 2005 2:09PM
 Input Size: 22 estimated MB Acknowledged:
 Media Type: CDROM Request Status: Operator Intervention
 Priority: NORMAL
 Explanation(s): Heg Processing Error
 Worked by: - no worker assigned - [83390]

Input Granule List

Go directly to row: of 2 rows Show 20 rows at a time

first | previous | Showing 1 - 2 of 2 | next | last

Granule ID	DPL ID	ESDT	Type	Processing Instructions	In Size (MB)	Out Size (MB)	Status	Explanation	Action
121860	36718	MOD29.004	SC	[View...]	19.272		FAILED	Heg Processing Error Manual fail required	Fail
121861	38468	MOD29.004	SC	[View...]	3.152	8.404	STAGED		

Select all
Submit Actions

first | previous | Showing 1 - 2 of 2 | next | last

Request Level Disposition

Keep on hold
 Submit
 Resubmit and retry processing of failed granules
 Fail Request

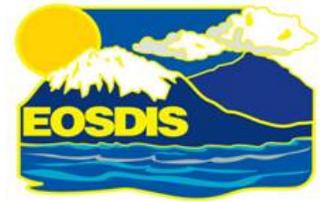
Operator Notes
 0 of 255 max characters

Apply reset

1	Intervention For Request <n>	2	Input Granule List	3	Request Level Disposition
	Fields		Fields		Actions
	Order ID		Granule ID		<input type="checkbox"/> Keep on hold
	Request ID		DPL ID		<input type="checkbox"/> Submit
	Input Size		ESDT		<input type="checkbox"/> Resubmit and retry processing of failed granules
	Media Type		Type		<input type="checkbox"/> Fail Request
	Priority		Processing Instructions [View...]		Operator Notes (input field)
	Explanation(s)		In Size (MB)		Apply
	Worked by [assign]		Status		reset
	User ID		Explanation		
	Created		Action <input type="checkbox"/> Fail <input type="checkbox"/> Select all		
	Acknowledge		Submit Actions		
	Submit Actions				

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:

1	2
Filter	filter display
Options	Fields
Intervention Type: <input type="checkbox"/> All <input type="checkbox"/> None	Order Id
Intervention Types : <input type="checkbox"/> Activate Media for QC <input type="checkbox"/> Activate Request <input type="checkbox"/> Assemble Package <input type="checkbox"/> Collect Media for QC <input type="checkbox"/> Dismount Media from Production <input type="checkbox"/> HEG Error <input type="checkbox"/> Media Creation Error <input type="checkbox"/> Mount Media for Production <input type="checkbox"/> Mount Media for QC <input type="checkbox"/> Operator Intervention <input type="checkbox"/> 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

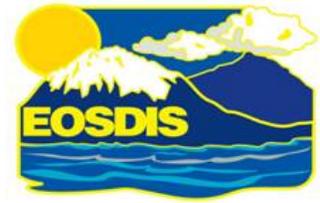


Order Id	Request Id	User ID	Size (MB)	Media	Worked By	Intervention Type	Created	Completed	Disposition
----------	------------	---------	-----------	-------	-----------	-------------------	---------	-----------	-------------

- › 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.)

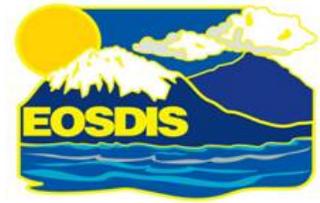


❑ Request Management – Distribution Requests [filter]

- **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

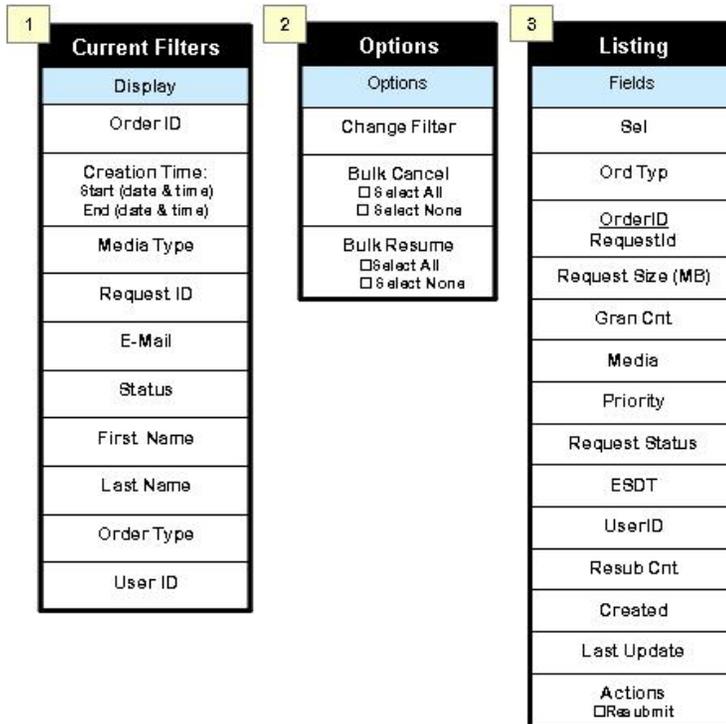
Request Management (cont.)



Request Management – Distribution Requests [filter]

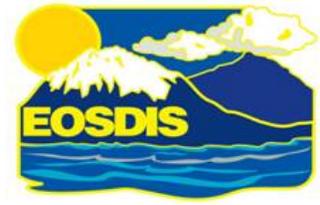
- Open Interventions Page has three working parts:

- 1 – Current Filter (Frame 1) – pre-defined filter criteria.
- 2 – Options (Frame 2) – change filter, bulk cancel (All or None), bulk resume.
- 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**.
 - Select **HEG** for **Order Type Select**, then click **Apply Combined Filters** button.
- The Distribution Requests Filters window closes and displays the Distribution Requests results.
- To display profile information for a request, click **ECSGuest** under the **UserID** column.
- The PROFILE FOR ECSGuest Order ID <ID> window displays six information parts.
- 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

A

Distribution Request page working sections.

RequestID displays:

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

B

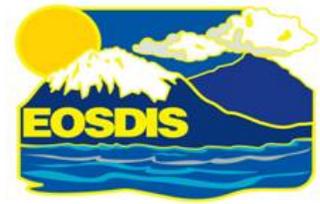
Individual or combined filtering capability.

▼ **Priority:**
Low
Normal
High
VHigh
XPress

Sel	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 0800001595	30	1	FtpPull		Shipped	MOD13A2.004	ECSGuest	0	Jan 17 2008 1:29PM	Jan 17 2008 1:31PM	Resubmit
<input type="checkbox"/>	HEG	0800001509 0800001591	30	1	FtpPull		Cancelled	MOD13A2.004	ECSGuest	2	Jan 17 2008 9:39AM	Jan 17 2008 1:27PM	Resubmit
<input type="checkbox"/>	HEG	0800001505 0800001568	30	1	FtpPull								Resubmit
<input type="checkbox"/>	HEG	0800001505 0800001587	24	1	FtpPull	NORMAL							Resubmit
<input type="checkbox"/>	HEG	0800001494 0800001576	87	1	FtpPull	NORMAL LOW							Resubmit
<input type="checkbox"/>	HEG	0800001493 0800001575	192	1	FtpPull	NORMAL HIGH VHIGH XPress							Resubmit
<input type="checkbox"/>	HEG	0800001492 0800001574	581	1	FtpPull	NORMAL							Resubmit
<input type="checkbox"/>	HEG	0800001444 0800001526	564	1	FtpPull								Resubmit

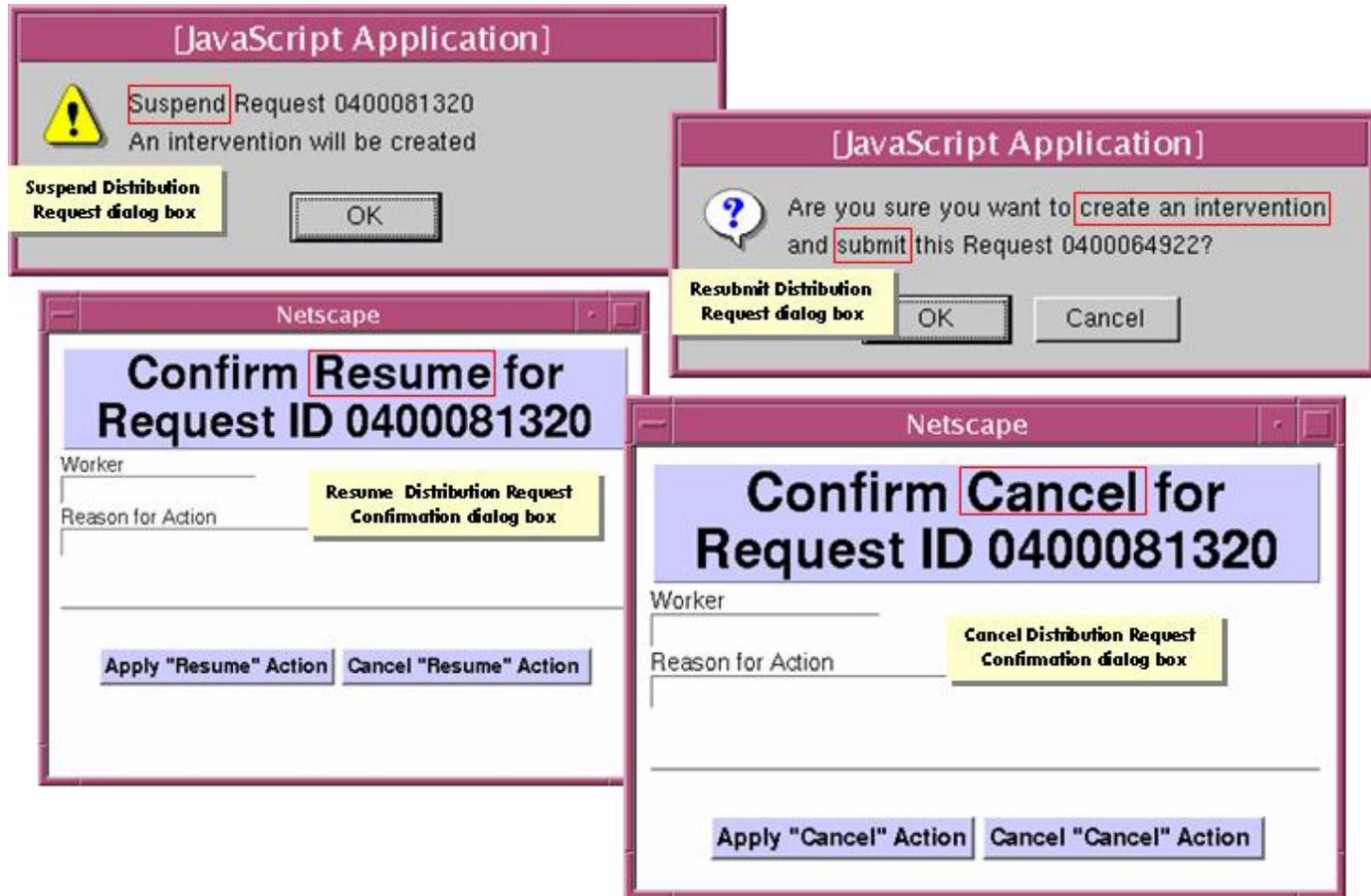
OM GUI

Request Management (cont.)



❑ Request Management – Distribution Requests [filter]

❖ Figure: Distribution Requests Actions Response Dialog Boxes



OM GUI

Request Management (cont.)



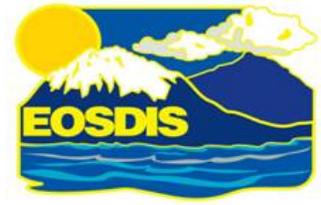
Request Management – Distribution Requests [filter]

❖ Figure: PROFILE FOR ECSGuest Orderid <ID>

PROFILE FOR ECSGuest Orderid 0800001509		
Contact Information	<p>CONTACT INFORMATION</p> <p>Name: F Paris E-Mail address: Faye_E_Paris@raytheon.com Organization: User Verification Key: Affiliation: Project: Home DAAC: Primary area of study:</p>	Account Information
Contact Address	<p>CONTACT ADDRESS</p> <p>Address: City: State/Province: Country: Zip/Postal code: Telephone: 123-456-7890 Fax:</p>	DAR Information
Shipping Address	<p>SHIPPING ADDRESS</p> <p>Title: First Name: F Middle Initial: Last Name: Paris Email: Faye_E_Paris@raytheon.com Address: City: not supplied State/Province: Country: not supplied Zip/Postal code: Telephone: 123-456-7890 Fax:</p>	Billing Address
	<p>ACCOUNT INFORMATION</p> <p>Date created: Expiration date: Privilege level: NASA user: Access privilege:</p>	
	<p>DAR INFORMATION</p> <p>Aster category: DAR expedited data:</p>	
	<p>BILLING ADDRESS</p> <p>Title: First Name: Middle Initial: Last Name: Email: Organization: Address: City: State/Province: Country: Zip/Postal code: Telephone: Fax:</p>	

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. Although, 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) or HEG in addition to other selections.**

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
 OrderID: None RequestID: None EMail: None Rpt Name: None Lst 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	NORMAL <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	NORMAL <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="Apply"/>	Operator Intervention	MULTIPLE	ECSGuest	0			<input type="button" value="Inactive"/>
0800010997 0800016985	external subsetter 1	0	1	FtpPull		Shipped	MULTIPLE	ECSGuest	0			<input type="button" value="Inactive"/>
0800010995 0800016983	external subsetter 1	0	1	FtpPull		Shipped	MULTIPLE	ECSGuest	0			<input type="button" value="Inactive"/>
0800010993 0800016981	external subsetter 1	0	1	FtpPull		Shipped	MULTIPLE	ECSGuest	0			<input type="button" value="Inactive"/>
0800010987 0800016975	external subsetter 1	0	1	FtpPull		Terminated	MOD13A2.004	ECSGuest	0			<input type="button" value="Inactive"/>
0800010985 0800016973	external subsetter 1	0	1	FtpPull		Terminated	MOD13A2.004	ECSGuest	0			<input type="button" value="Inactive"/>
0800010979 0800016967	external subsetter 1	0	1	FtpPull	NORMAL <input type="button" value="Apply"/>	Waiting for data	MOD13A2.004	ECSGuest	0			<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
 01 01 2007 02 35
 End Time Month Day Year Hour Min
 02 20 2008 02 39

Status Select All None
 Abort Aborted Active Being processed Canceled

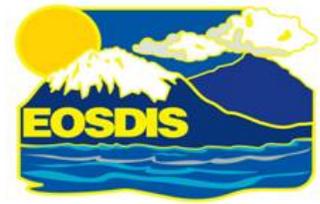
MediaType Select All None
 FtpPull FtpPush

ProcessService Select All None
 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 Operator the priority of (or suspend) a distribution request while the to:**
 - 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.
 - Resubmit a request in a terminal state (e.g., aborted, cancelled, terminated, or shipped).
 - Cancel 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

FtpPush / SCP Distribution Requests

Current Filters
 Order ID: None Request ID: None E-Mail: None First Name: None Last Name: None
 Creation Time: Start: Apr 22 2008 02:41PM End: Apr 17 2008 08:42PM User ID: None
 Media Type: ALL Status: ALL

Options

Listing
 Go directly to row: of 0 rows (Warning: no rows to navigate!) Show: 50 rows at a time.
 Showing 0 - 0 of 0 |

Ord Typ	OrderID	Destination	Request Size(MB)	Gran Cnt	Media	Priority	Request Status	Resource Class	ESDT	UserID	Resub Cnt	Created	Last Update	Actions

Showing 0 - 0 of 0 |

B

Staging Distribution Requests

Current Filters
 Order ID: None Request ID: None E-Mail: None First Name: None Last Name: None
 Creation Time: Start: Apr 17 2008 02:19PM End: Apr 19 2008 07:08PM Order Type: ALL User ID: None
 Media Type: ALL Status: ALL

Options

Listing
 Go directly to row: of 17 rows Show: 50 rows at a time.
 Showing 1 - 17 of 17 |

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 6:20PM	Apr 19 2008 6:29PM	<input type="button" value="Resubmit"/>
Regular	0800021878	0	1	FtpPull	NORMAL	Queued		MOOPTQKM 086	EcsGuest	0	Apr 19 2008 6:16PM	Apr 19 2008 6:16PM	<input type="button" value="Suspend"/> <input type="button" value="Cancel"/>
Regular	0800021877	< 5	1	FtpPull	NORMAL	Staging	N	MOOPTQKM 086	EcsGuest	0	Apr 19 2008 5:57PM	Apr 19 2008 5:58PM	<input type="button" value="Suspend"/> <input type="button" value="Cancel"/>
Regular	0800021876	< 5	1	FtpPull		Shipped	N	MOOPTQKM 086	EcsGuest	0	Apr 19 2008 5:14PM	Apr 19 2008 5:38PM	<input type="button" value="Resubmit"/>
Regular	0800021875	< 5	1	FtpPull		Canceled	N	MOOPTQKM 086	EcsGuest	0	Apr 19 2008 4:39PM	Apr 19 2008 4:40PM	<input type="button" value="Resubmit"/>
Regular	0800021874	< 5	1	FtpPull		Shipped	N	MOOPTQKM 086	EcsGuest	0	Apr 19 2008 4:31PM	Apr 19 2008 4:37PM	<input type="button" value="Cancelling"/>

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

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.

Figure A: FtpPush / SCP Distribution Requests Filters

Individual Filters: Order ID, Request ID, E-Mail, First Name, Last Name, Clear, Apply Individual Filters

Combined Filters: Request Creation Date Filters (Start Time, End Time), Status Select (Abort, Aborted, Active, Being processed, Bundling), Media Type Select (All, None, FtpPush, Scp), User ID, Parent EP Request ID, Apply Combined Filters

Figure B: Staging Distribution Requests Filters

Individual Filters: Order ID, Request ID, E-Mail, First Name, Last Name, Clear, Apply Individual Filters

Combined Filters: Request Creation Date Filters (Start Time, End Time), Status Select (Abort, Aborted, Active, Being processed, Bundling), Media Type Select (All, None, CDROM, DLT, DVD, FtpPull, FtpPush), Order Type Select (All, None, BO, EP, HEG, MM, Regular), User ID, Parent EP Request ID, Apply Combined Filters

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.



❑ 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 four 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 – **Archive Server (Quick Server) Alerts** detects warnings regarding the Quick Server malfunctions which suspends the archive server and queues the alerts display.
 - 4 – **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: eosstest.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

FtpPush 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 Typ	OrderID	Request Size(MB)	Gran Cnt	Priority	Request Status	Resource Class	ESOT	UserID	Resub Cnt	Created	Last Update	Actions
Regular	2000010210	< .5	1	0	Canceled	C	ECSBRR.001	ECSGuest	0	Jun 7 2007 10:21AM	Jan 11 2008 11:36AM	
Regular	2000010211	< .5	1	0	Canceled	C	ECSBRR.001	ECSGuest	0	Jun 7 2007 10:21AM	Jan 11 2008 11:36AM	
Regular	2000010209	< .5	1	0	Canceled	C	ECSBRR.001	ECSGuest	0	Jun 7 2007 10:15AM	Jan 11 2008 11:36AM	
Regular	2000010208	< .5	1	0	Canceled	C	ECSBRR.001	ECSGuest	0	Jun 7 2007 8:46AM	Jan 11 2008 11:36AM	
Regular	2000009477	25	1	0	Canceled	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	0.2534	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 Errors

Listing

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

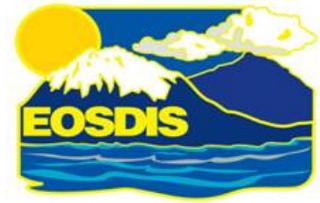
first | previous | Showing 1 - 1 of 1 | next | last

Ord Typ	OrderID	Request Size(MB)	Gran Cnt	Priority	Request Status	Resource Class	ESOT	UserID	Resub Cnt	Created	Last Update	Actions
Regular	2000010582	2	10	0	Operator Intervention	C	MO014.005	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.)

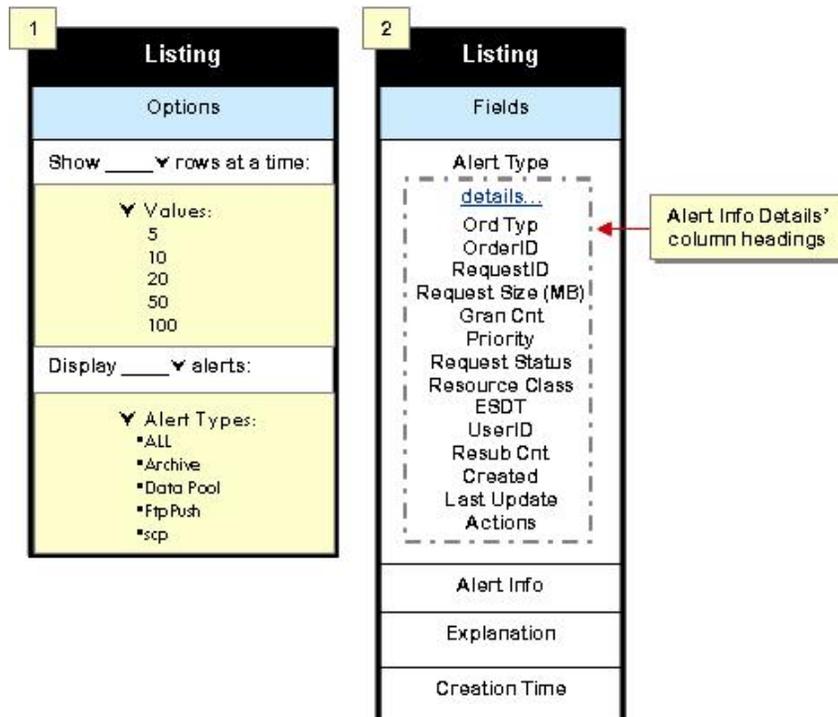


Request Management – Operator Alerts

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.

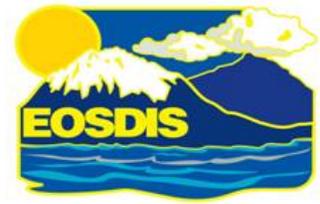
❖ Figure: Operator Alerts Page Table (Fields and Options)



The figure shows two side-by-side screenshots of the Operator Alerts page. The left screenshot, labeled '1', shows the 'Options' section with a 'Show ___ rows at a time:' dropdown menu and a 'Display ___ alerts:' dropdown menu. The right screenshot, labeled '2', shows the 'Fields' section with a list of fields: Alert Type, Ord Typ, OrderID, RequestID, Request Size (MB), Gran Cnt, Priority, Request Status, Resource Class, ESDT, UserID, Resub Cnt, Created, Last Update, and Actions. A dashed box highlights the 'Alert Type' field and its 'details...' link. A callout box points to this link with the text 'Alert Info Details' column headings'. Below the fields list are three buttons: 'Alert Info', 'Explanation', and 'Creation Time'.

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.)

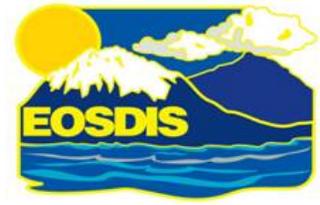


❑ Destination Monitor – Suspended Destinations

- **Full-capability Operator views suspended Ftp Push/SCP destinations and can perform several kinds of actions, with respect to suspended Ftp Push/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.)



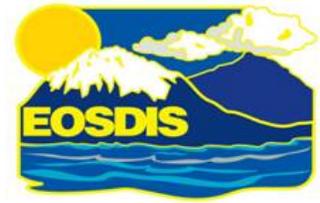
❑ Destination Monitor – Suspended Destinations

▪ Procedure: Viewing/Responding to Suspended FTP Push 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

Resume option

Active Destinations

Destination Name Configured name Host Name The destination host name

Suspend View Requests

Suspend option

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

Listing

Go directly to row: of 1 row Show 50 rows at a time

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

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	Apply

Apply button

Cancel option

Other possible destinations listing:

Destination Failed Request List:

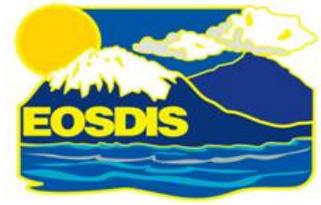
- FtpPush Requests List For this Destination
- SCP Requests List For this Destination

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].

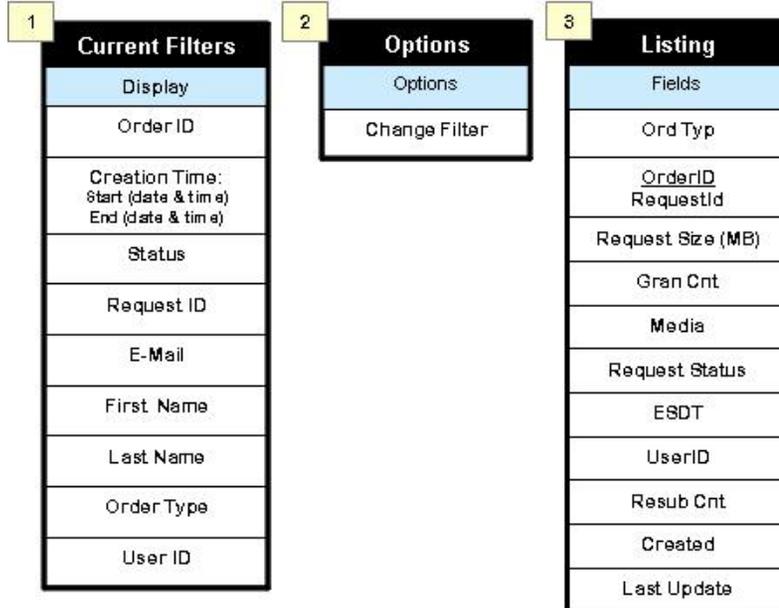
OM GUI

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.

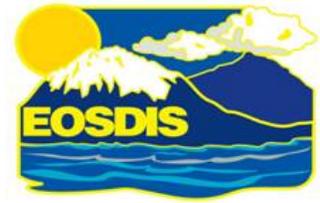
❖ Figure: Historical Distribution Requests Page (A) and Historical Distribution Requests Filter (B)

A

B

Individual or combined filtering capability.

Ord Typ	OrderID	Request Size(MB)	Gran Cnt	Media	Request Status	ESDT	UserID	Resub Cnt	Created	Last Update
first	previous	Showing 0 - 0 of 0	next	last						



❑ 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.

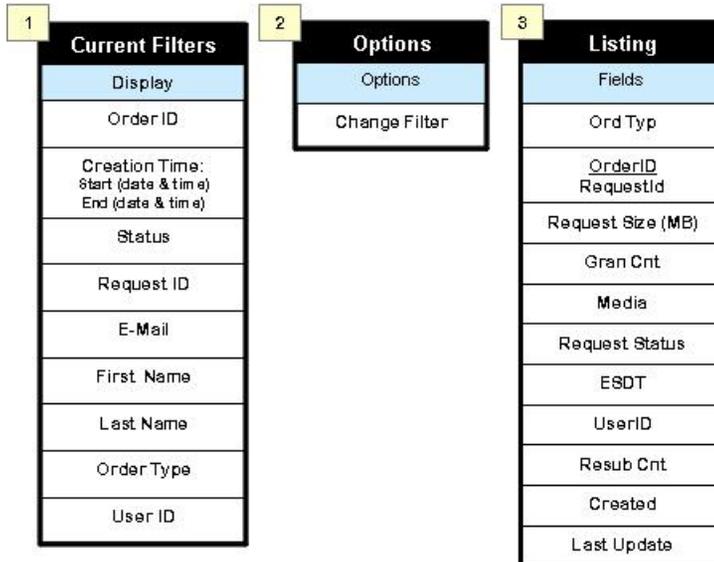
OM GUI

Archive Data (cont.)



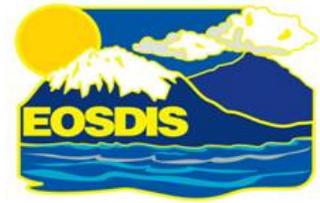
❑ Archive Data – Historical Processing Requests Filter

- Provides a tool to identify and filter archived external processing requests, by external subsetting processor on the OM GUI. Specific external processing services or HEG requests 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
Change Filter →

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

OrderID <u>RequestID</u>	Processor	Request Size(MB)	Gran Cnt	Media	Request Status	ESDT	UserID	Resub Cnt	Created	Last Update
0300076633 0300074895	Subsetter1	< .5	1	FtpPush	Shipped	MOD11A1.004	ECSSGuest	0	Sep 21 2006 4:29PM	Sep 21 2006 4:32PM
0300076626 0300074847	OTHER	6	1	FtpPull	Operator Intervention	MOD11A1.004	ECSSGuest	0	Sep 21 2006 4:14PM	Sep 21 2006 4:21PM
0300076604 0300074823	OTHER	0	1	FtpPull	Aborted	MOD11A1.004	ECSSGuest	0	Sep 21 2006 3:16PM	Sep 21 2006 3:41PM
0300076598 0300074817	OTHER	0	1	FtpPull	Abort	MOD11A1.004	ECSSGuest	0	Sep 21 2006 1:27PM	Sep 21 2006 1:27PM
0300076209 0300074424	OTHER	< .5	1	FtpPull	Canceled	MOD11A1.004	ECSSGuest	0	Sep 14 2006 10:30AM	Sep 14 2006 11:31AM
0300076202 0300074417	Subsetter1	0	1	FtpPull	Terminated	MOD11A1.004	ECSSGuest	0	Sep 13 2006 2:39PM	Sep 13 2006 2:42PM
0300076200 0300074415	Subsetter1	< .5	1	FtpPull	Operator Intervention	MOD11A1.004	ECSSGuest	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: Day: Year: Hour: Min:
 End Time: Month: Day: Year: Hour: Min:

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

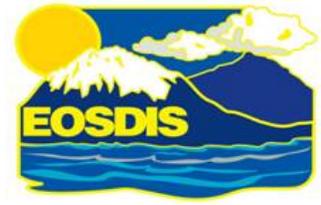


□ OM GU – OM STATUS PAGES

- **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:**
 - OM Queue Status.
 - HEG Order Status.
 - Staging Status:
 - Media Type.
 - FTP Push Destination.
 - SCP Destination.
 - Pending HEG Granules.
 - DPL File System Status.

OM GUI

OM Status Pages (cont.)



❑ OM Status Pages – OM Queue Status

- Full-capability Operator monitors and modifies the current status of request queues for all media, including for OMS, e-mail, staging and HEG request queues.
- The limited-capability Operator can only monitor activities of the queue status page, but cannot change status of queues.
- The OM Queue Status page displays (toggles) in both a graphical Text-only version (for visually impaired) or a plain-formatted Normal version.
- Both Operators (FC and LC) can determine the status (up or down) of the Order Manager Server:
 - **UP** (green): OM Server is currently operation.
 - **DOWN** (red): OM Server is not currently operating.

OM GUI

OM Status Pages (cont.)



❑ OM Status Pages – OM Queue Status

▪ Procedure: Viewing/Modifying OM Queue Status

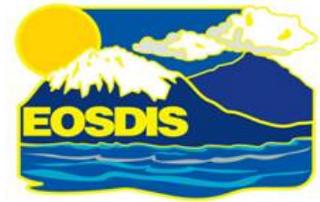
- Click **OM Status Pages** menu, then click submenu **OM Queue Status**.
- Toggle a different version of page: Click the **Text-only version** link in upper-right of page.
- Observe the information displayed under **Current Request Processing States**:



- **Green (no letter or A)** – the queue is active (or resumed by either Operator or Server (automatic) intervention).
 - **Red (no letter or O)** – the queue was manually suspended by Operator or if yellow (O), that the queue is suspend in progress.
 - **Red (S)** – the queue was automatically suspended by OM Server. This is a non-Operator controlled event.
 - **Red (D)** – indicates that the queue has been suspended by Datapool.
- To toggle the queue state: Click on the **queue status indicator/button**, then click **OK** button to confirm the dialog prompt, “Are you sure you want to <state> the <queue type> queue?”
 - 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 – OM Queue Status

❖ Figure: OM Queue Status Page

The screenshot displays the OM Queue Status interface in two states. The top window shows the 'NO STATE' condition with various queue buttons (ALL, OMS, EMAIL, STAGING, PROCESSING, ACCEPTANCE) and their sub-items. A red arrow points from a 'Display link (toggle): Text-only or Normal view' callout to the 'Text-only version' link. A second red arrow points from the 'HEG' button in the 'PROCESSING' section to a confirmation dialog box that asks 'Are you sure you want to suspend the HEG queue?'. The bottom window shows the 'DOWN' condition, where all queue buttons are now marked with an 'A' (active) or 'S' (suspended by server) indicator. A legend in the bottom left explains the status indicators: Green circle for active, Yellow circle for suspend in progress, Red circle for suspended by operator, 'S' for suspended by server, and 'D' for suspended by datapool. An 'AutoRefresh Control Panel' is also visible, set to refresh every 5 minutes.

OM GUI

OM Status Pages (cont.)



❑ OM Status Pages – HEG Order Status

- The HEG Order Status page allows the full-capability Operator to monitor the number of HEG requests and data volume currently in HEG processing. HEG Order Status page is arranged in as follows:

- Total HEG Requests Queued.
- Total HEG Granules Queued.
- Total Input Data (MB).

▪ Procedure: Viewing HEG Order Status

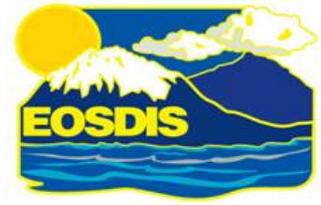
- Click **OM Status Pages** menu, then click submenu **HEG Order Status** to display its page.
- ❖ **Figure: HEG Order Status Page (Read-Only)**

HEG Order Status		
Total HEG Requests Queued	Total HEG Granules Queued	Total Input Data (MB)
0	0	0.000

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

OM GUI

OM Status Pages (cont.)

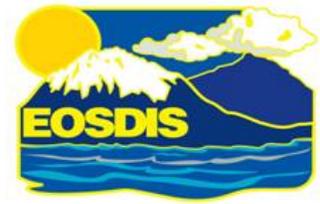


❑ OM Status Pages – Staging Status

- **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**.
- **The DHWM (Data High Watermark) 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.**

OM GUI

OM Status Pages (cont.)



❑ OM Status Pages – Staging Status

- The DLWM (Data Low Watermark) is the minimum volume of data that should be in staging or already staged, but not yet shipped. If the data volume is below the DLWM, the media devices may soon become idle.
- DLWM is mainly used for dispatching high-priority work. Therefore, the amount of work kept in staging or staged below the HWM, of each output queue, will achieve a good balance among ftp output connections (or in the case of physical media, their various output devices).

▪ 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)

1 Granule Count and Volume Fields

- Staging Type:
 - Media type
 - FTP Push destination
 - SCP destination
- DHWM
- DLWM
- Waiting for Staging
- In Staging
- Staged & NOT Shipped
- Staged, Shipped & In DPL

Output Queue Data High/Low Watermark

Staging Status Types

Staging Status by Media Type (A)

Media Type	DHWM	DLWM	Waiting for Staging	In Staging	Staged & NOT Shipped	Staged, Shipped & In DPL
CDROM	100	50	0 0 MB	0 0 MB	0 0 MB	0 0 MB
DLT	6000	50	0 0 MB	0 0 MB	0 0 MB	0 0 MB
DVD	100	50	0 0 MB	0 0 MB	0 0 MB	0 0 MB
FtpPull	0					

Staging Status by FTP Push Destination (B)

Destination Name	DHWM	DLWM	Waiting for Staging	In Staging	Staged & NOT Shipped	Staged, Shipped & In DPL
SYSTEM TOTALS ?						
NoDiskSpace	100	2	0 0 MB	0 0 MB	0 0 MB	0 0 MB
OTHER	5	3	0 0 MB	0 0 MB	0 0 MB	0 0 MB
erad	100	2	0 0 MB	0 0 MB	0 0 MB	0 0 MB
D3ag01	10	5	0 0 MB	0 0 MB	0 0 MB	0 0 MB

Staging Status by SCP Destination (C)

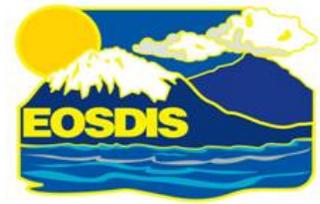
Destination Name	DHWM	DLWM	Waiting for Staging	In Staging	Staged & NOT Shipped	Staged, Shipped & In DPL
SYSTEM TOTALS ?			0 0 MB	0 0 MB	0 0 MB	0 0 MB
SCPtest	10	2	0 0 MB	0 0 MB	0 0 MB	0 0 MB
ncr	100	2	0 0 MB	0 0 MB	0 0 MB	0 0 MB
omstestscp	100	2	0 0 MB	0 0 MB	0 0 MB	0 0 MB
scp3	100	2	0 0 MB	0 0 MB	0 0 MB	0 0 MB
scpDump	100					0 0 MB
SYSTEM TOTALS ?			0 0 MB	0 0 MB	0 0 MB	0 0 MB

AutoRefresh Control Panel [OFF]
Refresh screen every 1 minutes
AutoRefresh: on off

System Totals: System-wide totals for ALL granules in their various states, regardless of individual tallies. Shown in all staging views.

OM GUI

OM Status Pages (cont.)



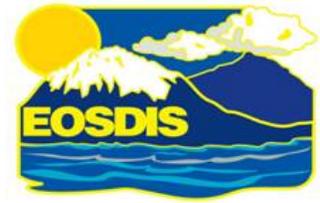
❑ OM Status Pages – Pending HEG Granules

- **The Pending HEG Granules page allows the full or limited capability Operator to monitor pending HEG granules.**

- **Procedure: Viewing Pending HEG Granules**
 - Click **OM Status Pages** menu, then click submenu **Pending HEG Granules** to display its page.
 - Click a specific **Request ID** under Listing, to **view detailed data** concerning that request.
 - To view processing instructions: Click the **View...** link in the column. Data displays in a separate **Processing Instructions** window. View the information in window, then click the **Close Window** button to exit window.
 - To cancel pending HEG granules: Under Options, select **Select All** (or **Sel**) check box of the specific pending HEG granules, then click **Bulk Cancel** button to fail granules.
 - 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 – Pending HEG Granules

❖ Figure: Pending HEG Granules Page and Table (Options and Display)

A

Pending HEG Granules

Options

Bulk Cancel Select All Select None

Listing

Go direct: [] of 0 rows Show 20 rows at a time.

Warning: Bulk Cancel option

first | previous | Showing 0 - 0 of 0 | next | last

Sel	HEG PID	RequestId	ECS GranuleId	DPL ID	ESDT	Gran Size(MB)	Submitted to HEG	Processing Instructions	Action
first previous Showing 0 - 0 of 0 next last									

AutoRefresh Control Panel [OFF]

Refresh screen every 5 minutes

AutoRefresh: on off

1 Options

Options

Bulk Cancel

Select All

Select None

2 Listing

Display

Go directly to row ___ of # rows

ok

Show ___ rows at a time

Sel

HEG PID

Requested

ECS GranuleId

DPL ID

ESDT

Gran Size(MB)

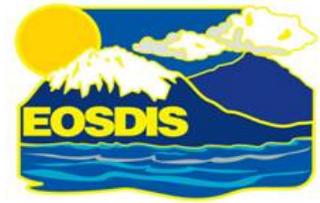
Submitted to HEG

Processing Instructions

Action

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.

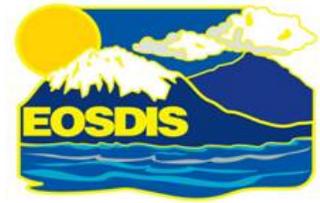
❖ Figure: DPL File System Status Page

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/DEV09/user/FS1/</small>	active	110 GB	69% <small>(Feb 14 2008 4:29PM)</small>	92%	0 0.000 MB	0 0.000 MB	
FS2 <small>/datapool/DEV09/user/FS2/</small>	active	205 GB	44% <small>(Feb 14 2008 4:29PM)</small>	92%	0 0.000 MB	0 0.000 MB	
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>/tomex1/amfs1/</small>	active	62 GB	74% <small>(Feb 14 2008 4:24PM)</small>	95%	100%	MB	MB
BROWFS <small>/tomex1/browfs/</small>	active	199 GB	20% <small>(Feb 14 2008 4:24PM)</small>	95%	100%	MB	MB
SNFS1 <small>/tomex1/snfs1/</small>	active	60 GB	75% <small>(Feb 14 2008 4:24PM)</small>	80%	99%	MB	MB
XMLArchive <small>/tomex1/xmlarchive/</small>	active	249 GB	2% <small>(Feb 14 2008 4:24PM)</small>	95%	100%	MB	MB

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

Order Manager GUI

OM Configuration

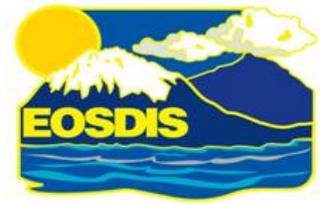


❑ OM GUI – OM CONFIGURATION

- **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.], [HEG].
 - Media
 - Media Creation.
 - ODL Metadata Users
 - Checksum Users
 - External Processing
 - FtpPush/SCP Policy

OM GUI

OM Configuration (cont.)

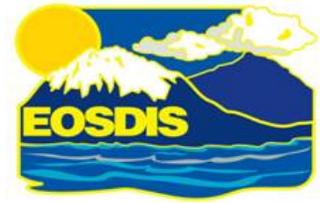


❑ OM Configuration – Aging Parameters

- 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.)



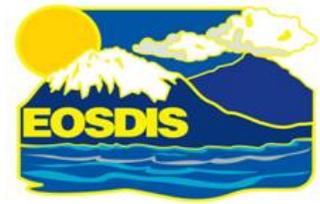
❑ OM Configuration – Server/Database (Parameters)

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

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

OM GUI

OM Configuration (cont.)

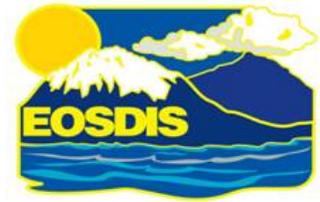


❑ OM Configuration – Server/Database (Parameters)

- **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], and [HEG 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.)



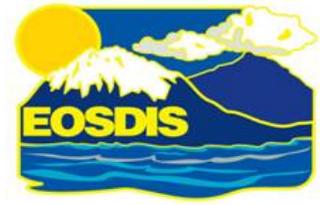
❑ OM Configuration – Server/Database (Parameters)

❖ 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		111 <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	10 <input type="text"/> <input type="button" value="←"/> <input type="button" value="✓"/>
Delete Complete Actions After	Time in hours Completed Actions are maintained	hours	10 <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		3 <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 recieve 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	100 <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	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="✓"/>

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:

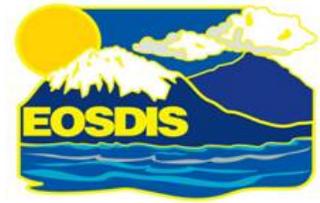
- FtpPull.
- FtpPush.
- CDROM.
- DLT.
- DVD.
- scp.

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**

The screenshot displays the Media Configuration page with several parameter tables and control elements:

Parameter Name	Value
FtpPull [rule]	
MediaCapacity (GB)	40.0000
PartitionGranuleLimit	5000
PartitionSizeLimit (GB)	60.0000
MinRequestSize (GB)	0.0000
MaxRequestSize (GB)	90.0000
MinBundleSize (GB)	54.0000
Request High Water Mark	100
Data High Water Mark (MB)	2000
Pull Gran Dpl Time (days) [...]	1
Pull Gran Dpl Ret Pri (number) [...]	6
Min Pn To Preempt (number) [...]	5
FtpPush [rule]	
MediaCapacity (GB)	150.0000
PartitionGranuleLimit	5
PartitionSizeLimit (GB)	400.0000
MinRequestSize (GB)	0.0000
MaxRequestSize (GB)	450.0000
MinBundleSize (GB)	40.0000

CDROM [rule]	
MediaCapacity (GB)	0.3000
PartitionGranuleLimit	1000
PartitionSizeLimit (GB)	55.0000
MinRequestSize (GB)	0.0000
MaxRequestSize (GB)	60.0000
MinBundleSize (GB)	0.1000
Request High Water Mark	1000000
Data High Water Mark (MB)	10000000000
Request Low Water Mark	10
Data Low Water Mark (MB)	10

DVD [rule]	
MediaCapacity (GB)	2.0070
PartitionGranuleLimit	5000
PartitionSizeLimit (GB)	12.7000
MinRequestSize (GB)	0.0000
MaxRequestSize (GB)	14.1000
MinBundleSize (GB)	12.0000
Request High Water Mark	200
Data High Water Mark (MB)	500
Request Low Water Mark	10
Data Low Water Mark (MB)	10

DLT [rule]	
MediaCapacity (GB)	4.0070
PartitionGranuleLimit	5000
PartitionSizeLimit (GB)	94.0000
MinRequestSize (GB)	0.0000
MaxRequestSize (GB)	105.0000
MinBundleSize (GB)	94.0000
Request High Water Mark	50
Data High Water Mark (MB)	5000
Request Low Water Mark	0
Data Low Water Mark (MB)	1

scp [rule]	
MediaCapacity (GB)	50.0000
PartitionGranuleLimit	5000
PartitionSizeLimit (GB)	60.0000
MinRequestSize (GB)	0.0000
MaxRequestSize (GB)	65.0000
MinBundleSize (GB)	40.0000

Control buttons: Apply, Reset, Submit Media Configuration Changes, Rest Media Configuration Changes.

Apply Changes to all parameters. [checked]

Reset this parameter back to its original value. [arrow]

Rule for configuring media types. [rule]

OM GUI

OM Configuration (cont.)



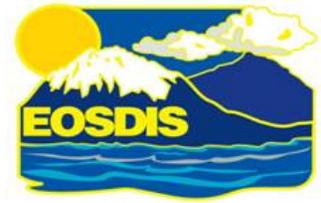
❑ OM Configuration – Media

▪ 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.
 - **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.
 - **Request High Water Mark** – the RHWM 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).
 - **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.

OM GUI

OM Configuration (cont.)



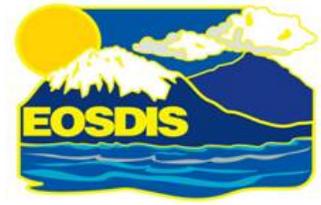
❑ OM Configuration – Media

▪ 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.
 - **Request Low Water Mark** – the RLWM is the desired minimum number of requests that may be in the Staging state or that completed staging, but are not in a terminal state (e.g., Shipped).
 - **Data Low Water Mark (MB)** – the DLWM is the minimum volume (in MB) of data that should be in staging or already staged but not yet shipped. If the data volume is below the DLWM, the media devices may soon become idle.
 - **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.)

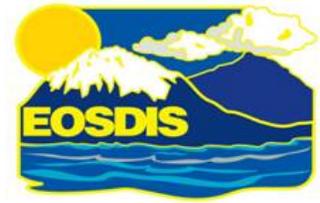


❑ OM Configuration – Media Creation

- **The Media Creation Configuration page provides the full-capability Operator with a means of checking and modifying media creation parameter values.**
- **Media creation parameters are specific to each kind of distribution medium and affect whether or not media orders are dispatched automatically.**
- **The Media Creation Configuration Page has two columns of information for each type of distribution media:**
 - 1 – Parameter:
 - DispatchMode (Manual or Automatic Mode).
 - Max number of QC devices per Request (Automatic Mode).
 - Max number of Production devices per Request (Automatic Mode).
 - Default QC Volume Selection (All or None).
 - 2 – Current value.

OM GUI

OM Configuration (cont.)



❑ OM Configuration – Media Creation

▪ Procedure: Checking/Modifying Assigned Values of Media Creation Parameters

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

❖ Figure: Media Creation Configuration Page.

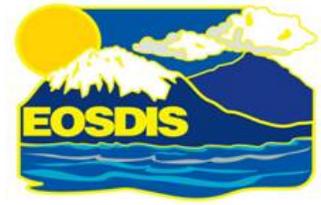
The screenshot shows the 'Media Creation Configuration' window. It is divided into three sections: CDROM, DLT, and DVD. Each section has three rows of configuration options. The 'DispatchMode' dropdown menu for the DVD section is open, showing 'Manual' as the selected option, with 'Automatic' and 'Manual' also visible in the list. A yellow callout box points to the 'DispatchMode' dropdown with the text 'DispatchMode Options list box'. At the bottom of the window are 'Apply' and 'Reset' buttons.

Media Creation Configuration	
CDROM	
DispatchMode	Manual
Max number of QC devices per Request (Automatic Mode)	2
Default QC Volume Selection	<input type="radio"/> All <input checked="" type="radio"/> None
DLT	
DispatchMode	Manual
Max number of Production devices per Request (Automatic Mode)	2
Max number of QC devices per Request (Automatic Mode)	2
Default QC Volume Selection	<input checked="" type="radio"/> All <input type="radio"/> None
DVD	
DispatchMode	Manual
Max number of QC devices per Request (Automatic Mode)	--
Default QC Volume Selection	Manual

- To modify the media creation parameter value(s): Highlight and delete **current value**, then enter **new value** in textbox. Click **Apply** to change configuration (or **Reset** to keep original value(s)).
- Return to the **Order Manager Home** page: on left-pane of OM GUI click the **HOME** link.

OM GUI

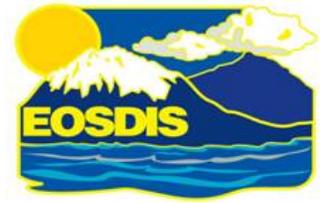
OM Configuration (cont.)



- ❑ **OM Configuration – 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 will receive metadata in ODL.met file format.**
 - **Limited-capability Operator can only view Metadata File Users configurations.**

OM GUI

OM Configuration (cont.)

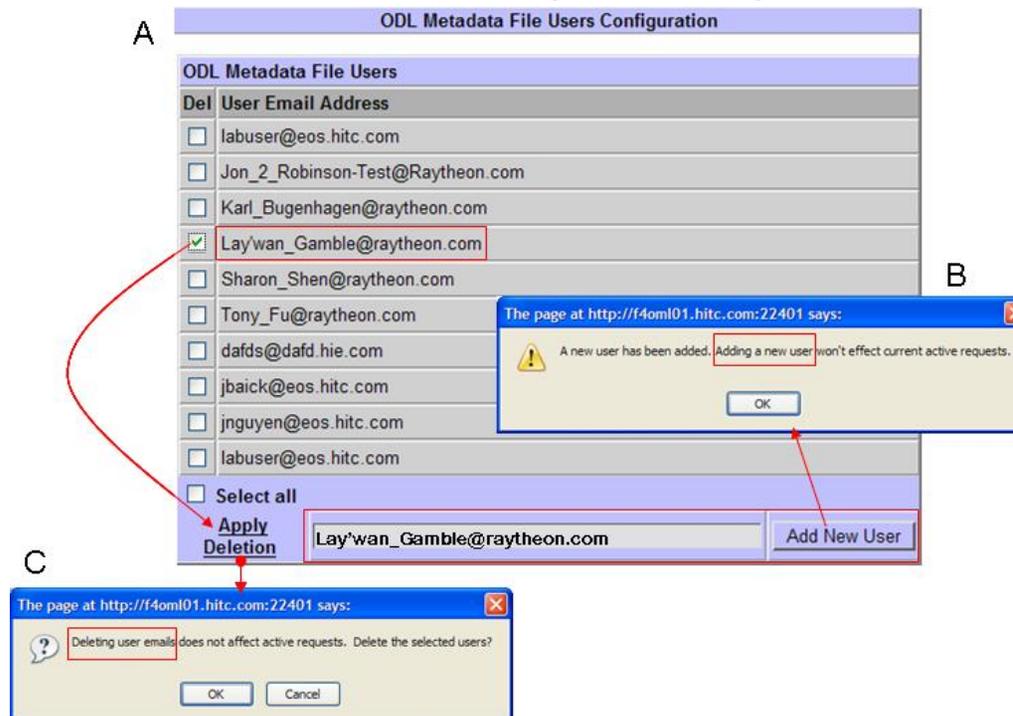


❑ OM Configuration – ODL Metadata Users

▪ 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.

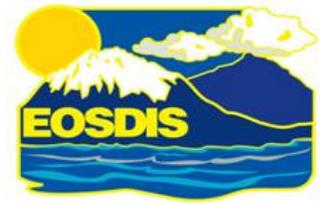
❖ Figure: ODL Metadata File Users Configuration Page.



The screenshot shows the 'ODL Metadata File Users Configuration' page. It features a table of users with checkboxes for selection. A red box highlights the 'Laywan_Gamble@raytheon.com' entry, which is checked. A red arrow labeled 'A' points to this entry. A dialog box labeled 'B' is overlaid on the table, displaying a warning icon and the message: '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.' Below the message is an 'OK' button. A red arrow labeled 'B' points from the dialog box to the 'Add New User' button at the bottom of the page. At the bottom of the page, there is a text input field containing 'Laywan_Gamble@raytheon.com' and an 'Add New User' button. A red arrow labeled 'C' points from the 'Apply Deletion' button to a dialog box labeled 'C'. This dialog box displays a question mark icon and the message: 'The page at http://f4oml01.hitc.com:22401 says: Deleting user emails does not affect active requests. Delete the selected users?' Below the message are 'OK' and 'Cancel' buttons.

OM GUI

OM Configuration (cont.)



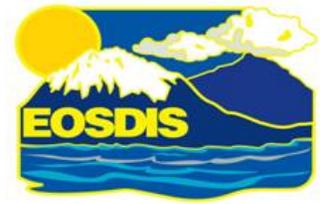
❑ OM Configuration – ODL Metadata Users

▪ 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

- **The Checksum Users Configuration page allows the full-capability Operator to configure a list of Email addresses of users that will receive a checksum in the notification email for a request. If Email address for a Distribution Notice (DN) contain one of these address, the DN will contain checksum values for each of the distributed files.**
- **Limited-capability Operator is limited to viewing Checksum Users configuration only.**
- **A checksum is a computed value associated with a data file, which can be used to verify data validity on files distributed by OMS.**
- **Users can perform data validity tests on the granule files they receive.**

OM GUI

OM Configuration (cont.)

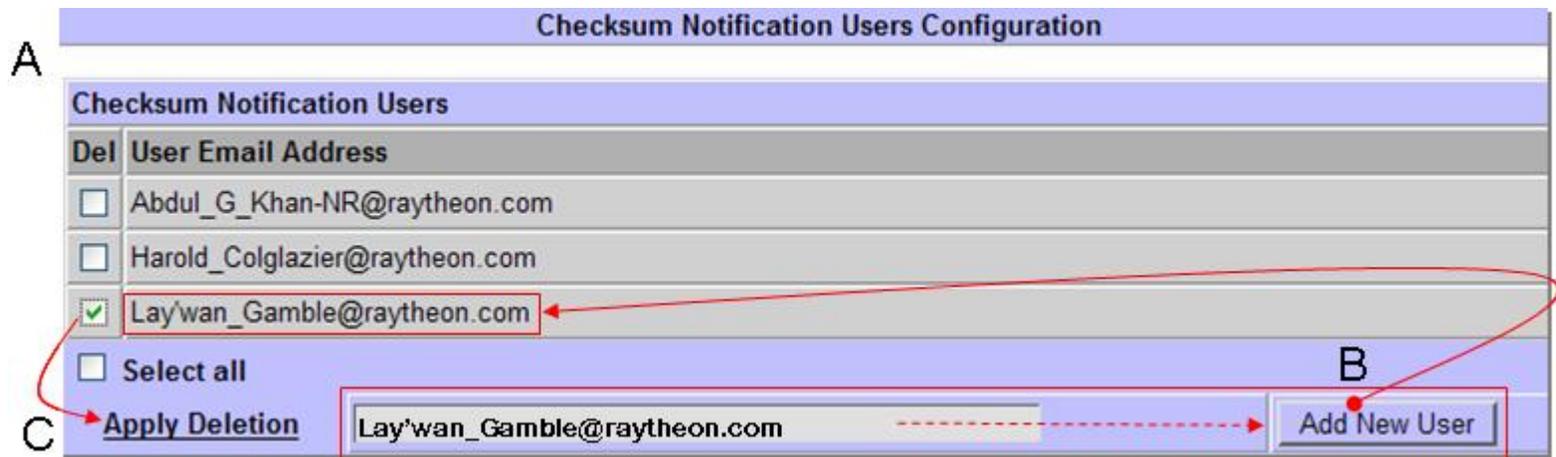


❑ OM Configuration – Checksum Users

▪ 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).**



A

Checksum Notification Users Configuration

Checksum Notification Users

Del	User Email Address
<input type="checkbox"/>	Abdul_G_Khan-NR@raytheon.com
<input type="checkbox"/>	Harold_Colglazier@raytheon.com
<input checked="" type="checkbox"/>	Lay'wan_Gamble@raytheon.com

Select all

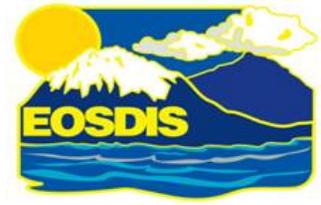
C Apply Deletion

B Add New User

Lay'wan_Gamble@raytheon.com

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. 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 (Frame C), then click the **Apply Deletion** link. 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.)

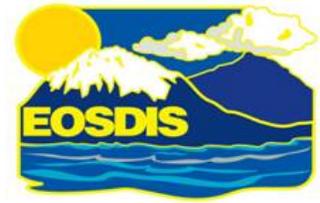


❑ OM Configuration – External Processing

- **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

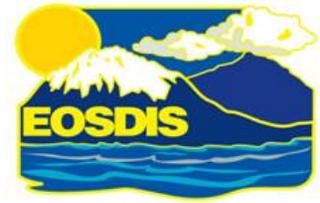
- ▶ Click **OM Configuration** menu, then submenu **External Processing** to display the **External Processing Services Policy Configuration** page.

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

The figure illustrates the 'External Processing Services Policy Configuration' page, divided into three sections:

- Section B:** A configuration form for adding or editing an external processing service. It includes fields for Processor Name, End Point URL, FTP Pull Expiration (in hours), DN Email Address, and Additional Preamble Text. Buttons for 'Save', 'Done', and 'Reset' are at the bottom.
- Section A:** A table listing existing external processing services. The table has columns for External Processing Service Name, End Point URL, DN Email Address, Total Requests Queued, Total Granules Queued, and Request Acceptance. A 'Delete Selected Processors' button is located at the bottom.
- Section C:** A dialog box asking 'Are you sure you want to delete the selected external processors?' with 'OK' and 'Cancel' buttons.

External Processing Service Name	End Point URL	DN Email Address	Total Requests Queued	Total Granules Queued	Request Acceptance
EP1	123.456.789.1234	doug_newman@raytheon.com	0	0	ACTIVE
EP2	987.654.321.1234	Yol	0	0	ACTIVE
EPTest	4ei101.hitc.com:18316	prasanna_l_dhudha@raytheon.com	0	0	ACTIVE
EPTest2	http://4ei101.hitc.com:18316/sam-cg-bin/poochie	prasanna_l_dhudha@raytheon.com	50	56	ACTIVE
OTHER	0.0.0.0.0		85	85	ACTIVE
TST 1	1.1.1.1:11	test@raytheon.com	0	0	ACTIVE



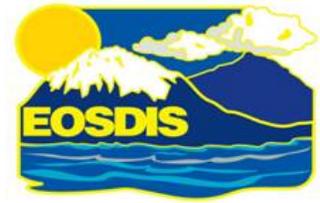
❑ OM Configuration – External Processing

▪ 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 – 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 uses 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	RHWM	Destination Name (Alias)
Max. FTP Failures	DHWM	Del
SCP Max Operations	DLWM	Media Type: <input type="checkbox"/> FtpPush <input type="checkbox"/> SCP
Max. SCP Failures	Retry Mode: <input type="checkbox"/> Automatic <input type="checkbox"/> Manual	Host Address
Options	Time Out	Destination Directory
Apply	Min. Throughput	Retry Mode
Reset	Max. Operations	Options
	Retry Interval	Add a Destination
	Options	Delete Selected Destinations
	Apply	Select all (Del)
	Reset	

OM GUI

OM Configuration (cont.)



❑ OM Configuration – FtpPush/SCP Policy

▪ Procedure: Viewing/Modifying FtpPush/SCP Policy Configuration

▶ Click **OM Configuration** menu, then submenu **FtpPush/SCP Policy** to display the **FtpPush/SCP Policy Configuration** page.

❖ **Figure: FtpPush/SCP Policy Configuration Page (A), Add Destination (B), Delete Destination (C) and Destination Details (D)**

A FtpPush / SCP Policy Configuration

Global Settings for All Destinations		Settings for Non-Configured Destinations [Only apply to FtpPush destination]			
FtpPush Max. Operations	1	RHWM	50	Time Out	1800
Max. FTP Failures	5	DHWM	50	Min. Throughput	1
SCP Max. Operations	10	DLWM	2	Max. Operations	5
Max. SCP Failures	5	Retry Mode	Automatic	Retry Interval	1

Frequently Used Destinations

Destination Name (Alias)	Del	Media Type	Host Address	Destination Directory	Retry Mode
1 ????		<input checked="" type="checkbox"/> FtpPush	origin hitc.com	/devdata1/DEV01/Push/Area	automatic
2 MDPAD		<input checked="" type="checkbox"/> FtpPush	file01.hitc.com	/datapool/OPS/user/FS2/dpad/integration	Automatic
3 OM SCP Distribution Area1				/I/O_buffer/OPS/tmp/test/Area1	Manual
4 OM SCP Distribution Area2				/I/O_buffer/OPS/tmp/test/Area2	automatic
5 origin				/devdata1/heatftp/PushDir	automatic
6 scp_origin				/devdata1/OPS/scpArea	automatic
scp3				/tmp/scp3	automatic

B Add New Destination

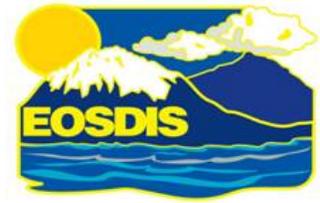
C The page at http://140ml01.hitc.com:22401 says: Are you sure you want to delete the selected destinations?

D FTTPush / SCP Destination Details

The "Add New Destination" and the "FTTPush/SCP Destination Details" pages display identical fields, although their functions serves two different purposes (frames B and D).

OM GUI

OM Configuration (cont.)

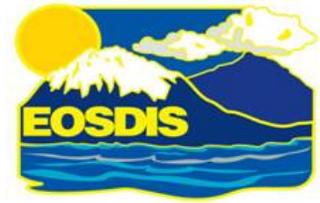


❑ OM Configuration – FtpPush/SCP Policy

▪ 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 **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)

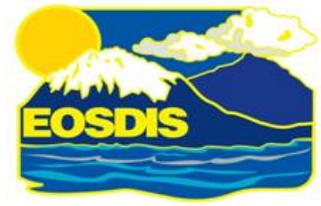
▪ Active search functions using the current web browser is also available on pages within the GUI.

The screenshot shows the 'Order Manager GUI Help' page. It includes an introduction, a search tip, an index, and several help topics. Annotations include:

- A:** A yellow box labeled 'Quick-links to topic on Help page.' with a red arrow pointing to the 'Index' section.
- B:** A blue dialog box titled 'The page at http://f4spl01.hitc.com:22491 says:' containing a warning icon and text: '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.' with an 'OK' button.
- A yellow box labeled 'Context-sensitive links on Help topic within page.' with a red arrow pointing to a link in the text: 'See [that section](#) for more details.'

Order Manager GUI

Physical Media Distribution



□ OM GUI – PHYSICAL MEDIA DISTRIBUTION (PMD)

- **Allows the Operator to perform media distribution of OM GUI requests.**
 - Error handling is performed the same way as interventions for distribution requests are handled.
- **Physical Media Distribution submenus:**
 - Media Creation Console.
 - Device Configuration.
 - Open Interventions.
 - Printer Configuration.
 - PM Configuration.
 - Reports.
 - ESDT Configuration.

OM GUI

Physical Media Distribution (cont.)



❑ PMD – Media Creation Console

- One interactive console handles various types of media creation actions.
- Media Creation Console has three working parts:

1 – Request Actions:

- OrderID
- Request ID
- Media Type
- Volume Count
- Request Status
- Due Date
- Note
- Action Type
- Options

2 – Device Actions

- Media Type Device
- Production
- QC
- Status

3 – Filter

- Action Type

Media Creation Console

A1 Request Actions

OrderID RequestID	Media Type	Vol Cnt	Request Status	Due Date	Note	Action Type	Options
0300084114 0300082373	DLT	1	Pending Media Prod	Jan 25 2008 10:47PM		Activate Request	Activate Request Activate Request
0300084109 0300082368	DLT	1	Pending Media Prod	Jan 25 2008 11:29PM		Activate Request	Activate Request Fail Request Annotate Action
0300084116 0300082375	DLT	1	Pending Media Prod	Jan 28 2008 6:32PM		Activate Request	Activate Request
0300084108 0300082367	DLT	1	Pending Media Prod	Jan 28 2008 7:14PM		Activate Request	Activate Request
0300084119 0300082378	CDROM	1	Pending Media Prod	Feb 6 2008 9:31PM		Activate Request	Activate Request

Go directly to row: of 5 rows Show 50 rows at a time.

A3 Filter

Action Type: Activate Media for QC Activate Request Assemble Package Collect Media For QC

You must select at least one Action Type. Select: All None

A2 Device Actions

Show maximum of: volume(s) per request

Media Type Device	Production	QC	Status
CDROM			
fg h		Assign No volumes available	on-line
CDROM, DVD			
DiscQC		Assign No volumes available	on-line
DiscQC2		Assign No volumes available	on-line
DiscQC2Sim		Assign No volumes available	on-line
UnixDiscQC		Assign No volumes available	on-line
MADEUP			off-line
gh h j		Assign No volumes available	on-line
k l u i		is available	on-line
CDROM			
fg		Assign No volumes available	on-line
DLT			
720DLT2	<input type="checkbox"/> Assign 0300082374 VOL001	<input type="checkbox"/> Assign 0300082143 VOL00	on-line
DEV09_DLT_SIM1	<input type="checkbox"/> Assign 0300082374 VOL001	<input type="checkbox"/> Assign 0300082143 VOL00	on-line
DEV90_DLT_SIM3	BUSY Mode DEV05	BUSY Mode DEV05	on-line
DLT SIM1	<input type="checkbox"/> Assign 0300082374 VOL001	<input type="checkbox"/> Assign 0300082143 VOL00	on-line
DLT SIM2	<input type="checkbox"/> Assign 0300082374 VOL001	<input type="checkbox"/> Assign 0300082143 VOL00	on-line

B

Click to change the specified volume of the selected device to Assign or to Mount.

Assigned 0300082374 VOL001

Mount 0300082374 VOL001

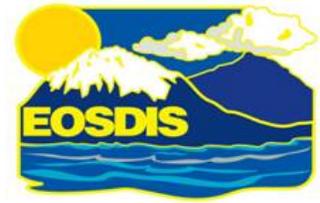
Legend

Dismount Confirm dismount of the specified volume from this device
Click Dismount to fail dismount

Assign Assign a volume to this device
Mount Confirm mount of the specified volume on this device
Click Mount to fail mount

OM GUI

Physical Media Distribution (cont.)



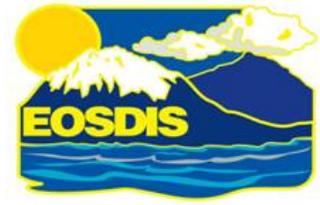
❑ PMD – Media Creation Console

- Manually dispatched PD media must be activated using the console.
- OMS production software (EcOmPdModule) runs twice during media production:
 - 1 – for Media Preparation.
 - 2 – for Media Creation.
- Additional activities occur for disk and tape preparation and creation as displayed in table:

1	Preparation Activities	2	Creation Activities	3	QC/Verification Activities
	Disk (CD/DVD)		Disk (CD/DVD)		Disk (CD/DVD) and Tape (DLT)
	HDF and metadata file are read		Merge (label data) file is created		The medium is inserted in a different drive than that used to create the disk or tape (QC of disks is typically done on a QC PC)
	Data is staged		Luminex interface file is created		The operator starts QC from the OM GUI
	Summary file is created		Luminex writes data to media		QC compares the summary file and the "tar -tvf" (tape) or "ls" (disk) of the medium
	Summary file is copied		Jewel case insert is printed		
	Jewel case insert is created		ISO image and interface file are cleaned up		
	ISO image file is created		Staging directory is cleaned up		
	Tape (DLT)		Tape (DLT)		
	HDF and metadata file are read		Data written to tape		
	Data is staged		Tape label is printed		
	Summary file is created		Staging directory cleaned up		
	Summary file is copied				
	Tape label is created				

OM GUI

Physical Media Distribution (cont.)



❑ PMD – Media Creation Console

▪ Media creation has four basic actions (process order):

- 1 – Activate Request
- 2 – Collection Media for QC
- 3 – Activate Media for QC
- 4 – Assemble Package

❖ **Figure: Media Creation Console basic process display by column: Request Status (1), Action Type (2), Options (3)**

Media Creation Console		
1 Request Status	2 Action Type	3 Options
Read-Only	Read-Only	Listbox
Pending Media Production	1. Activate Request	Activate Request
Perform Device Actions (right-pane Media Creation Console): Assign Volume <input checked="" type="checkbox"/> Assigned		
Transferring	2. Collection Media for QC	Media Collection Complete
QC Hold	3. Activate Media for QC	Activate QC
Perform Device Actions (right-pane Media Creation Console): Assign Volume <input checked="" type="checkbox"/> Assigned		
Waiting for Shipment	4. Assemble Package	Mark Request Shipped
Marked Request moved to Distribution Request page.		

❖ **NOTE: Additional actions (options) are available, but will not be covered in these procedures.**

OM GUI

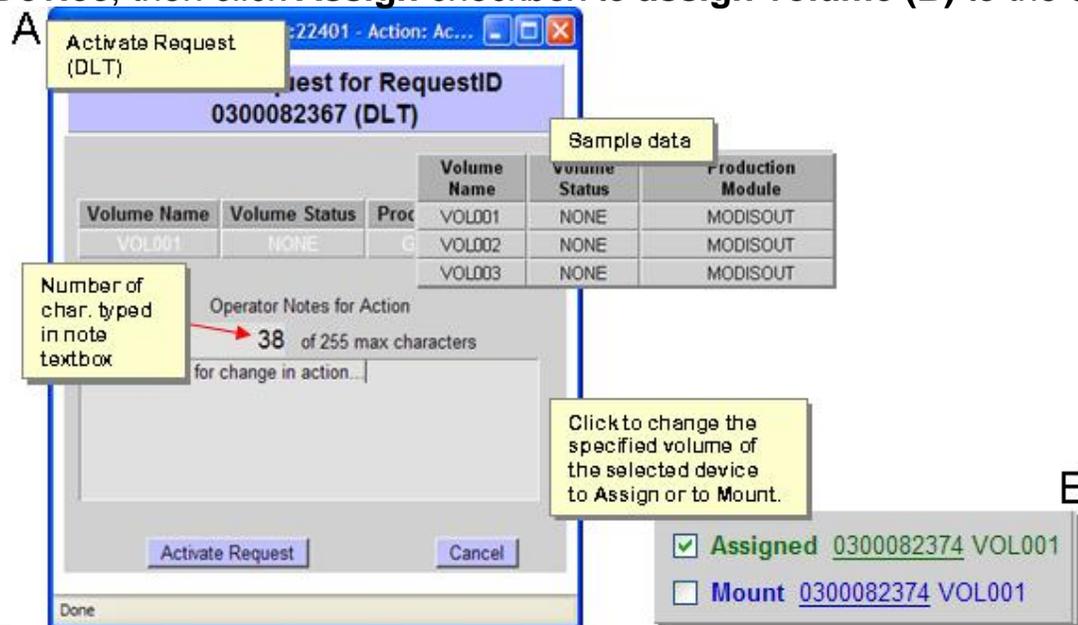
Physical Media Distribution (cont.)



❑ PMD – Media Creation Console

▪ Procedure: Using the PMD Media Creation Console

- Click **Physical Media Distribution**, then submenu **Media Creation Actions** to display the **Media Creation Console** page. Use the console to process a request using four basic actions:
- **1st Activate Request:** Using the **Filter** (A3) to filter all options labeled **Activate Request**. (If none listed, change **Option** on a DLT media type). Under **Options**, select **Activate Request** from list. The **Request for RequestID <number> (media_type)** prompts, click **Activate Request** to move request to **right-pane Device Actions** for action. Locate request associated with a **Media Type Device**, then click **Assign** checkbox to **assign volume (B)** to the device.



A

Activate Request (DLT)

Request for RequestID 0300082367 (DLT)

Volume Name	Volume Status	Proc	Volume Name	Volume Status	Production Module
VOL001	NONE	G	VOL001	NONE	MODISOUT
			VOL002	NONE	MODISOUT
			VOL003	NONE	MODISOUT

Operator Notes for Action
Number of char. typed in note textbox → 38 of 255 max characters
for change in action...

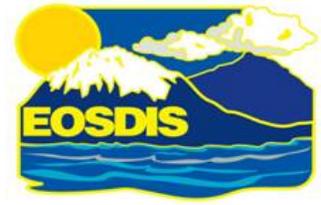
B

Click to change the specified volume of the selected device to Assign or to Mount.

Assigned 0300082374 VOL001
 Mount 0300082374 VOL001

OM GUI

Physical Media Distribution (cont.)



❑ PMD – Media Creation Console

▪ Procedure: Using the PMD Media Creation Console (cont.)

- Once action completes processing (request moved back to console left-pane Request Actions) its labeled under **Action Type** as **Collection Media for QC**.
- **2nd Collection Media for QC:** Under **Options**, select **Media Collection Complete** from list. The **Media Collection for RequestID <number>** dialog box prompts, click **Media Collection Complete** to initiate **Transferring**.

The screenshot shows a web browser window with the URL 'http://f4oml01.hitc.com:22441 - Action: Collect Media For QC - M...'. The main content is a dialog box titled 'Media Collection Complete for RequestID 0800017533'. It contains a table with the following data:

Volume Name	Volume Status	Production Module	Production Device	Select For QC
VOL001	CREATED	GENERICOUT2	LuminexSim	<input type="checkbox"/>

Below the table is a text area labeled 'Operator Notes for Action' with a character count of '0 of 255 max characters'. At the bottom of the dialog are two buttons: 'Media Collection Complete' (highlighted with a red box) and 'Cancel'. The status bar at the bottom of the browser window shows 'Done'.

OM GUI

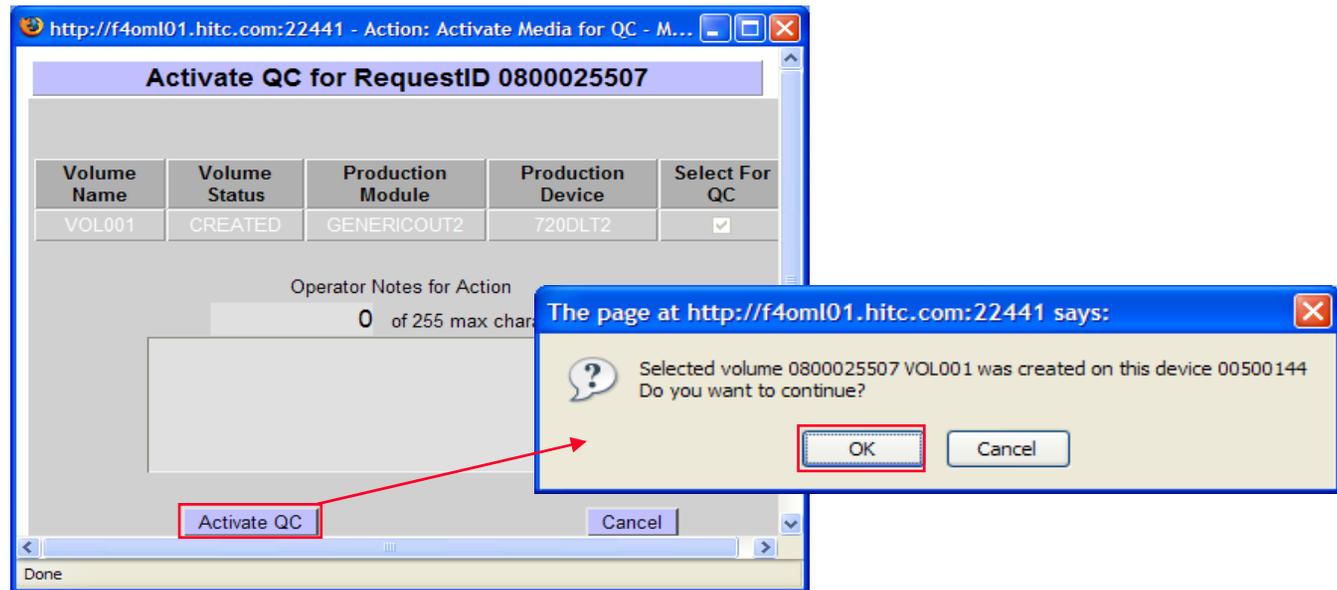
Physical Media Distribution (cont.)



❑ PMD – Media Creation Console

▪ Procedure: Using the PMD Media Creation Console (cont.)

- Once processing completes, request (moved back to the left-pane Request Actions) is now labeled under **Action Type** as **Activate Media for QC**.
- **3rd Activate Media for QC:** Under **Options**, select **Activate QC** from list. The **Activate QC RequestID <number>** dialog box prompts, click **Activate QC** to move request (and create volume) to right-pane Device Actions for action. Click **OK** to confirm action at prompt. Then locate request associated with specified **Media Type Device**, then click **Assign** checkbox to **assign volume** to the device and to initiate **QC Hold**.



The screenshot displays the OM GUI interface. The main window title is "http://f4oml01.hitc.com:22441 - Action: Activate Media for QC - M...". The main content area shows a table with the following data:

Volume Name	Volume Status	Production Module	Production Device	Select For QC
VOL001	CREATED	GENERICOUT2	720DLT2	<input checked="" type="checkbox"/>

Below the table, there is a text area for "Operator Notes for Action" with "0 of 255 max char" characters. At the bottom of the main window, there are "Activate QC" and "Cancel" buttons. A red arrow points from the "Activate QC" button to a smaller dialog box that has appeared. This dialog box has a blue title bar that reads "The page at http://f4oml01.hitc.com:22441 says:". The message inside the dialog box is: "Selected volume 0800025507 VOL001 was created on this device 00500144. Do you want to continue?". There are "OK" and "Cancel" buttons at the bottom of this dialog box.



❑ PMD – Device Configuration

- Displays the configuration of devices used in the Physical Media Creation Console.
- Provides the Operator with a quick visual indicator of the load for each Luminex device.
- Provides job limit parameter data that indicates the current load and maximum number of jobs percentage based on device's configuration.
- **Physical Media Device: Device Configuration page displays information in five sections:**
 - 1 – Production devices.
 - 2 – QC devices.
 - 3 – Production/QC devices.
 - 4 – Unclassified devices.
 - 5 – LUMINEX Device Loads:
 - Allocated Work Load
 - Actual Work Load

OM GUI

Physical Media Distribution (cont.)

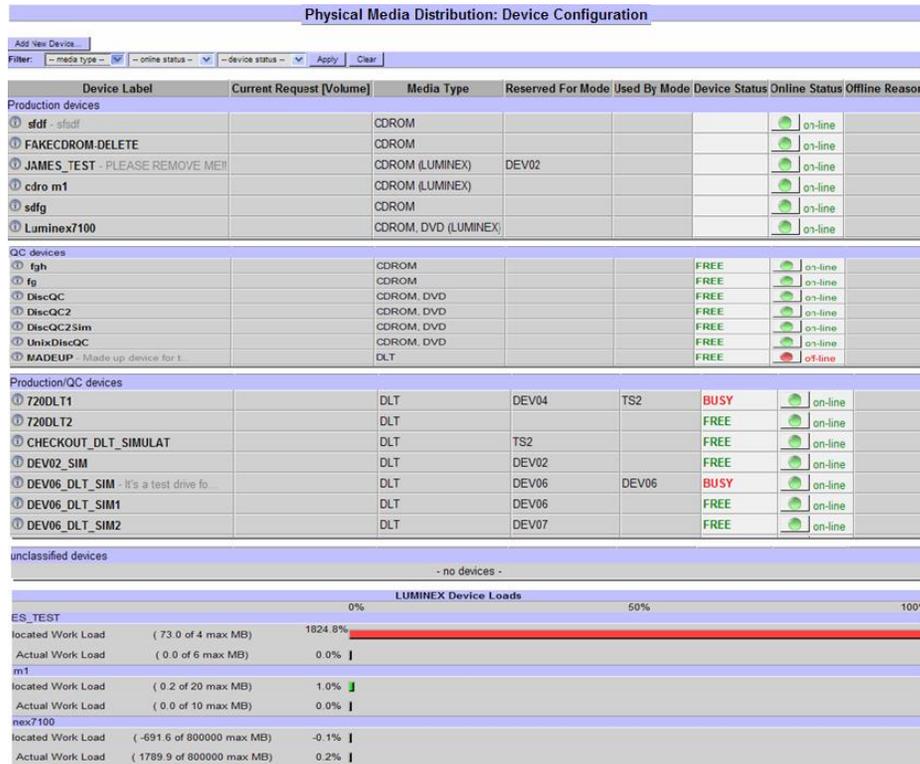


❑ PMD – Device Configuration

▪ Procedure: Filtering/Modifying PMD Device Configurations

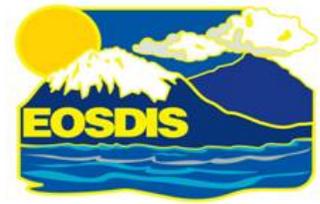
- ▶ Click **Physical Media Distribution**, then submenu **Device configuration** to display the **Physical Media Distribution: Device Configuration** page.

❖ Figure: PMD: Device Configuration Page



OM GUI

Physical Media Distribution (cont.)



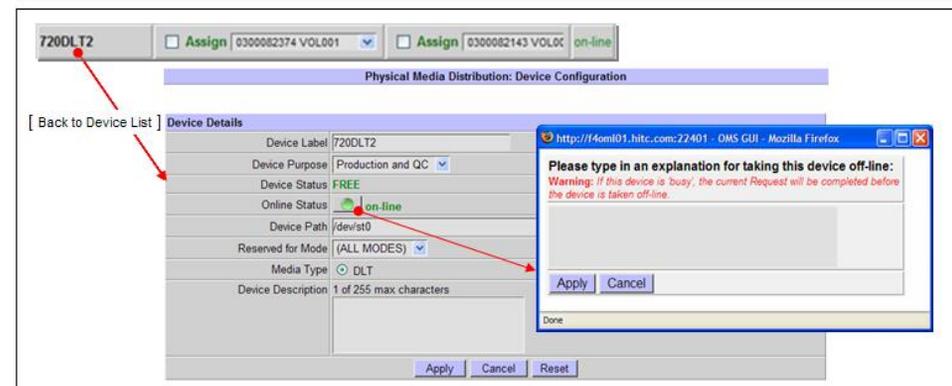
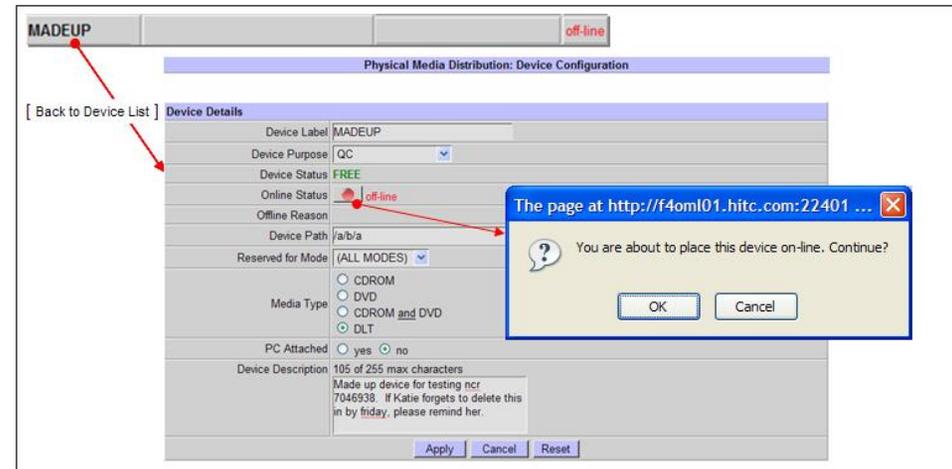
❑ PMD – Device Configuration

▪ Procedure: Filtering/Modifying PMD Device Configurations (cont.)

- ▶ To change on-line or off-line status of a device: Click the **Device Label** to display the **PMD: Device Configuration Details** page.

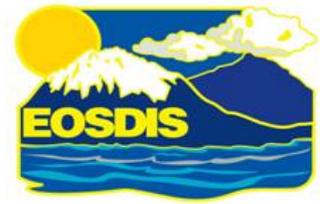
❖ Figure: PMD: Device Details Page and Status Prompts

- ▶ Then locate and click the **Online Status (green or red)** status button. At prompt:
 - ▶ If **taking device off-line**: Type **justification** in textbox, then click the **Apply** button to change the status and dismiss the prompt.
 - ▶ If **placing device on-line**: Click **OK** to continue and dismiss the prompt.
- ▶ Click **Apply** button, at page-bottom to return to the **PMD: Device Configuration** page.
- ▶ Click **Apply** button, at page-bottom to return to the **PMD: Device Configuration** page.



OM GUI

Physical Media Distribution (cont.)



❑ PMD – Device Configuration

▪ Procedure: Filtering/Modifying PMD Device Configurations (cont.)

- ▶ To add a new device: Click the **Add New Device...** button, at left-top of **PMD: Device Configuration** page to display the **PMD: Add New Device** page:

A

Device Label	Current Request [Volume]	Media Type	Reserved For Mode	Used By Mode	Device Status	Online Status	Offline Reason
Production devices							
① sdfd - sdfd		CDROM				01-line	
① FAKECDROM-DELETE		CDROM				01-line	
① JAMES_TEST - PLEASE						01-line	
① cdro m1						01-line	
① sdfg						01-line	
① Luminex7100						01-line	

B1 Add New Device Pages: Production (B1), QC (B2), and Production and QC (B3).

B1

Device Purpose

Device Purpose:

Device Type: CD/DVD Tape

B2

Device Purpose

Device Purpose:

QC Device Details

Media Type: CDROM DVD CDROM and DVD DLT

PC Attached: yes no

Device Label:

Device Path:

Reserve for Mode (optional):

Device Description:

OK Cancel

B3

Device Purpose

Device Purpose:

Production/QC Device Details

Media Type: DLT

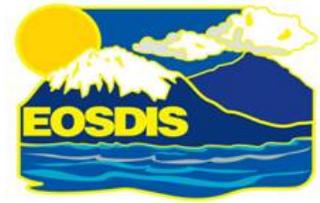
Device Label:

Device Path:

Reserve for Mode (optional):

Device Description:

OK Cancel



❑ PMD – Device Configuration

▪ Procedure: Filtering/Modifying PMD Device Configurations (cont.)

- Click the **Device Purpose** list box to display its options. There are three device purpose types:
 - 1 – **Production.**
 - 2 – **QC.**
 - 3 – **Production and QC.**
- Click **desired Device Purpose** from the list box and **complete its options and input fields.** Then click **OK**, to add the new device.
- Return to the **Order Manager Home** page, on left-pane of OM GUI click the **HOME** link.



❑ PMD – Open Intervention

- **Operator can view and respond to several Open Physical Media (PM) Interventions:**
 - Change any/all volume status (pass or fail)
 - Fail or change any/all granules in a volume
 - Restart media creation
 - Continue media creation with selected volumes.
- **The Open PM Interventions page has three working parts:**
 - 1 – Current Filters – pre-defined filter criteria.
 - 2 – Options – features to change an individual or combined filter and to bulk fail or bulk submit requests.
 - 3 – Listing – captures requested distribution of filtered output.

OM GUI

Physical Media Distribution (cont.)



❑ PMD – Open Intervention

▪ Procedure: Responding to Open PM Interventions

- Click **Physical Media Distribution** menu, then submenu **Open Interventions** to display the **Open Physical Media Interventions** page.
- To display details pages for Order ID or Request ID: Under the **Listing** section, click on the **underscored <ID>** to display its detailed page:

❖ **Figure: Detail displays of Request ID (A), Order ID (B), Filter (C)**

A Intervention For Request 0300082263

Order ID: 0300084004 User ID: ECSSGuest (Benjamin_M_Voyko@raytheon.com)
 Request ID: 0300082263 Created: Jan 28 2008 11:39AM
 Input Size: 933 estimated MB Acknowledged:
 Media Type: CDROM Request Status: Operator Intervention
 Priority: NORMAL Metadata Format: OOL
 Explanation(s): Media Collection Failed
 Worked by: - no worker assigned - [assign]

To "Change To..." another status, the "Worked by" must be assigned

Volume Name	Status	Change To...	Explanation	Production Module	Production Device
21 granules	CREATED	<input checked="" type="checkbox"/> FAILED		GENERICOUT	LuminescSim
20 granules	CREATED	<input type="checkbox"/> FAILED		GENERICOUT	LuminescSim

Link displays Granule List

Request Level Disposition

If "Fail this Distribution Request":

Don't send DN]

Operator Notes
0 of 255 max characters

B ECS ORDER 0300084004

Request ID:	0300082263	Start Date:	Not available
Order Type:	Regular	User ID:	ECSSGuest
Order Source:	OmSrCtiDriver	Status:	Pending
Ext. RequestId	Not available	Ship Date:	Not available
Receive Date:	Jul 20 2007 12:16PM	Order Home DAAC:	RBD
Last Update:	Jan 28 2008 11:39AM		
Description:	Not available		

Link displays Profile for ECS Guest

Displays Detailed ECS Order Data:

- Distribution Request <ID> data
- Volume List with Request Notes; Mailing/Shipping/Billing Address info.
- Failed Granules List (DPL Granule ID) details.

C http://f4oml01.hlrc.com:22401 - Open Physical Media Inter...

Open Physical Media Interventions Filters

Individual Filters

Enter only one of the individual filters

Order ID: Request ID: Worked By: [v]

Clear Apply Individual Filters

Combined Filters

Intervention Creation Date Filters

Start Time: Month: Day: Year: Hour: Min: [v] [v] [v] [v] [v]
 03 31 2007 17 11 [v] [v]

End Time: Month: Day: Year: Hour: Min: [v] [v] [v] [v] [v]
 03 31 2008 17 11 [v] [v]

A selection must be made for mediaFilter and explanationFilter values

Media Type Select: [All] [None] [v] [v]
 DVD [v] [v]
 Physical [v] [v]
 PtpPush [v] [v]

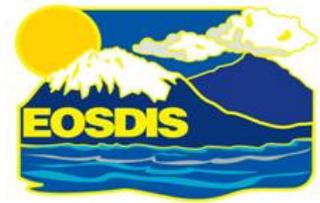
Explanation Select: [All] [None] [v] [v]
 Archive Host Cannot be Reached [v] [v]
 Duplicate Request exists [v] [v]
 Failed Validation Of Configured Destination [v] [v]
 Failed by Operator [v] [v]
 Failed staging (Fatal) [v] [v]

Apply Combined Filters

Set Defaults Apply Defaults Close Window

OM GUI

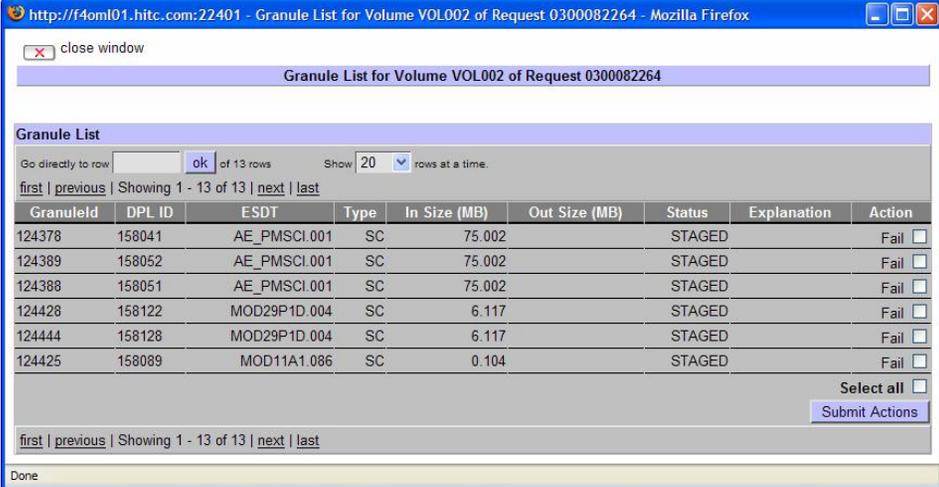
Physical Media Distribution (cont.)



❑ PMD – Open Intervention

▪ Procedure: Responding to Open PM Interventions (cont.)

- To fail intervention(s): On the **Intervention For Request <ID>** detail page, under **Options** section, click either the **All (Bulk Fail)** checkbox to fail all interventions or the **individual (Sel)** checkbox(es) associated with specific intervention(s), then click the **Bulk Fail** button. In the **Confirm Bulk Fail Action** dialog box, enter **Operator Notes** and/or **Additional e-mail** text in textboxes, as appropriate. Select **Send email** option to notify users whose requests are being failed, then click the **Apply “Bulk Fail”** button.
- To submit intervention(s): On the **Intervention For Request <ID>** detail page, under **Options** section, click the **All (Bulk Submit)** checkbox to fail all interventions or the **individual (Sel)** checkbox(es) associated with specific intervention(s), then click the **Bulk Submit** button.
- To check granules in a volume: Click the **Volume Name [<number> granule...]** link under the Request ID details page **Volume List** section. The **Granule List for Volume Window** displays. After review, click **x-close window** to close granule window.
- To free-up a device: On the **Intervention For Request <ID>** detail page, click **[deallocate this device...]** link, adjacent to the **Current Device** entry, then click **OK** in the confirmation dialog box.
- Return to the **Order Manager Home** page, on left-pane of OM GUI click the **HOME** link.



GranuleID	DPL ID	ESDT	Type	In Size (MB)	Out Size (MB)	Status	Explanation	Action
124378	158041	AE_PMSCI.001	SC	75.002		STAGED		Fail <input type="checkbox"/>
124389	158052	AE_PMSCI.001	SC	75.002		STAGED		Fail <input type="checkbox"/>
124388	158051	AE_PMSCI.001	SC	75.002		STAGED		Fail <input type="checkbox"/>
124428	158122	MOD29P1D.004	SC	6.117		STAGED		Fail <input type="checkbox"/>
124444	158128	MOD29P1D.004	SC	6.117		STAGED		Fail <input type="checkbox"/>
124425	158089	MOD11A1.086	SC	0.104		STAGED		Fail <input type="checkbox"/>

OM GUI

Physical Media Distribution (cont.)



❑ PMD – Printer Configuration

- The Printer Configuration page handles the configuration of printers used in physical media distribution.
- Printer configuration features two actions:
 - Add printers.
 - Edit printer parameters.

❖ Figure: PMD Printer Configuration Page and activity displays

The screenshot displays the 'Physical Media Distribution: Printer Configuration' page. At the top, there is a form titled 'Edit parameters for bw-1151' with the following fields:

- Type: QC
- Name: bw-1151
- Network Info: normal printer
- Options: Always Never On QC Error Only

Buttons for 'Apply' and 'Cancel Edit' are visible. A yellow callout box points to the 'Cancel Edit' button, stating: 'Cancel Edit button, toggles "Edit parameters..." fields on/off page.'

A warning dialog box is shown in the foreground with the message: 'The configuration has been updated.' and an 'OK' button. A red arrow points from the 'Cancel Edit' button to this dialog box.

Below the form is a table listing printer configurations:

Name	Type	Network Info	Status	Options
edit... bw-1151	Packing List	normal printer		Always print
edit... bw-1151	QC	normal printer		Always print
edit... f2dpi08	Shipping Label	wider of the two label printer...		Always print ERROR: This printer has an option of "Always print" Only Packing List and QC printers are allowed to have these options!
edit... f2tek750	Jewel Case	eventually we will use f2tek75...		Always print ERROR: This printer has an option of "Always print" Only Packing List and QC printers are allowed to have these options!
edit... f2dpi07	Tape Label	has smaller label roll. The on...		Always print ERROR: This printer has an option of "Always print" Only Packing List and QC printers are allowed to have these options!
edit... bw-1151				Always print
edit... marlin				Always print

A yellow callout box points to the 'edit...' button in the first row of the table, stating: 'edit... button displays the "Edit parameters..." fields on the page.'

OM GUI

Physical Media Distribution (cont.)



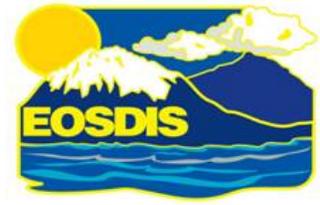
❑ PMD – Printer Configuration

▪ Procedure: Modifying Existing PMD Printer Configuration

- Click **Physical Media Distribution** menu, then submenu **Printer Configuration** to display the **PMD: Printer Configuration** page.
- To edit parameters values: Click the **edit...** button associated with printer (name). In displayed printer parameters window, **change the following values**:
 - Name = **<new_printername>**.
 - Network info = **<new_network_text>**.
 - Options: **select only one**.
 - **Always**, if designated as default module (for packing List and QC printers only).
 - **Never**, if not default module.
 - **On QC Error Only**.
 - Click the **Apply** button to implement changes, then click **OK** at the update confirmation prompt.
- Return to the **Order Manager Home** page, on left-pane of OM GUI click the **HOME** link.

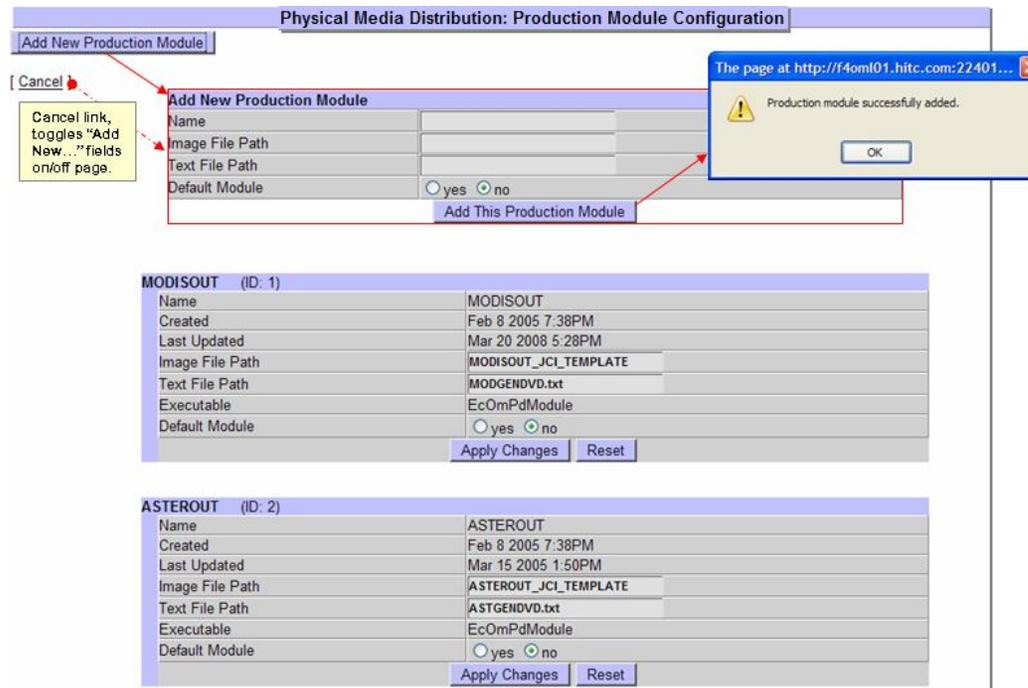
OM GUI

Physical Media Distribution (cont.)



❑ PMD – PM Configuration

- The PMD Module Configuration page displays information for all currently configured production modules. The OM GUI handles the configuration of production modules in physical media creation.
- Production modules can be “added” and parameters values “edited”.
 - ❖ Figure: PMD Production Module Configuration Page and Add Toggle Fields



Physical Media Distribution: Production Module Configuration

Add New Production Module

Cancel link, toggles "Add New..." fields on/off page.

The page at <http://f4om01.hitc.com:22401...>

Production module successfully added.

OK

MODISOUT (ID: 1)

Name	MODISOUT
Created	Feb 8 2005 7:38PM
Last Updated	Mar 20 2008 5:28PM
Image File Path	MODISOUT_JCL_TEMPLATE
Text File Path	MODGENDVD.txt
Executable	EcOmPdModule
Default Module	<input type="radio"/> yes <input checked="" type="radio"/> no

Apply Changes Reset

ASTEROUT (ID: 2)

Name	ASTEROUT
Created	Feb 8 2005 7:38PM
Last Updated	Mar 15 2005 1:50PM
Image File Path	ASTEROUT_JCL_TEMPLATE
Text File Path	ASTGENDVD.txt
Executable	EcOmPdModule
Default Module	<input type="radio"/> yes <input checked="" type="radio"/> no

Apply Changes Reset

OM GUI

Physical Media Distribution (cont.)



❑ PMD – PM Configuration

▪ Procedure: Adding/Modifying PMD Production Module Configuration

- Click **Physical Media Distribution** menu, then submenu **PM Configuration** to display the **PMD: Production Module Configuration** page.
- To edit assigned parameters values for a production module: Type **<new_vaules>** in corresponding **Image File Path** and **Text File Path** textboxes. Change the **production module default**, as appropriate: **yes** to set as default (or **no** as not being the default module). Then click the **Apply Changes** button to implement edits.
- To add a new production module: Click the **Add New Production Module** button, add **<appropriate_values>** it textboxes. Select **<default>** option, the click **Add This Production Module** button implement new module. At confirmation prompt, click **OK** to acknowledge.
- Return to the **Order Manager Home** page, on left-pane of OM GUI click the **HOME** link.

OM GUI

Physical Media Distribution (cont.)



❑ PMD – Reports

- A HTML display using the web browser print menu function.
- Report Summary page has two display types:
 - 1 – Device Report – summary of device statuses: on-line/off-line and free/busy by media type.
 - 2 – Request Summary Report – displays a quick summary of the PMD requests (in states) from waiting-for-a-device to waiting-for-shipment.

❖ Figure: PMD Report Summary Page

Physical Media Distribution: Report Summary

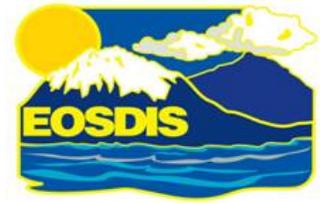
Use your browser's print function to print this report (File > Print...)

Device Report				
	off-line devices	on-line devices	Free devices	Busy devices
CDROM	0	19	10	0
DLT	1	24	20	5
DVD	0	15	9	0

Request Summary Report		
	Requests Waiting for Activation	Pending Volume of Media Production
CDROM	1	0.245
DLT	5	57.018

OM GUI

Physical Media Distribution (cont.)

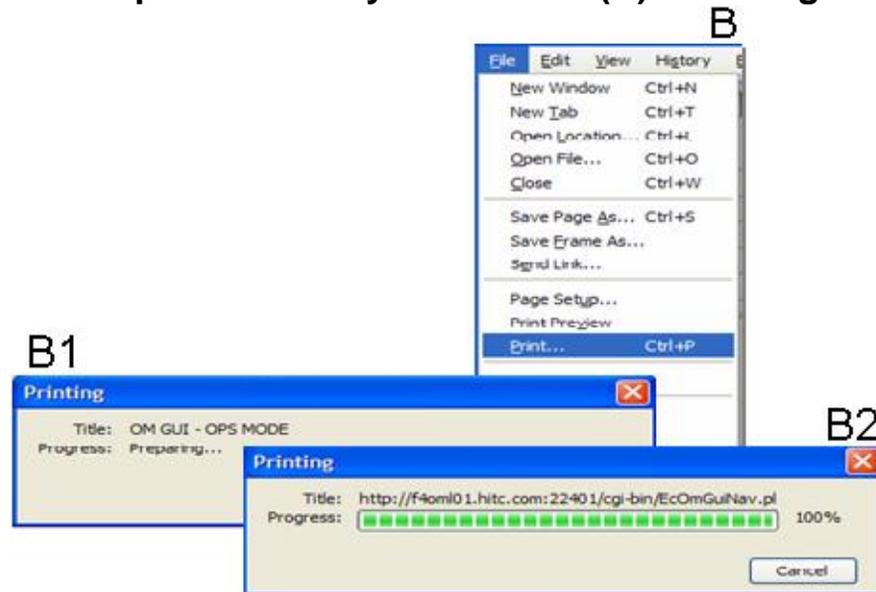


□ PMD – Reports

▪ Procedure: Printing PMD Reports

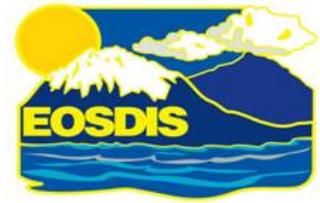
- ▶ Click **Physical Media Distribution** menu, then submenu **Reports** to display the **PMD: Report Summary** page.
- ▶ To print a PMD Report using the web browser: First, **reload the page** to ensure the most current statistics are captured. Next, select **File, Print (Figure B)** from the menu, then select **printer** (and set printer properties, as needed). Click **OK** to print (Figure B1-B2).
- ▶ Return to the **Order Manager Home** page, on left-pane of OM GUI click the **HOME** link.

❖ **Figure: PMD Report Summary Print Menu (B) and Progress (B1-B2)**



OM GUI

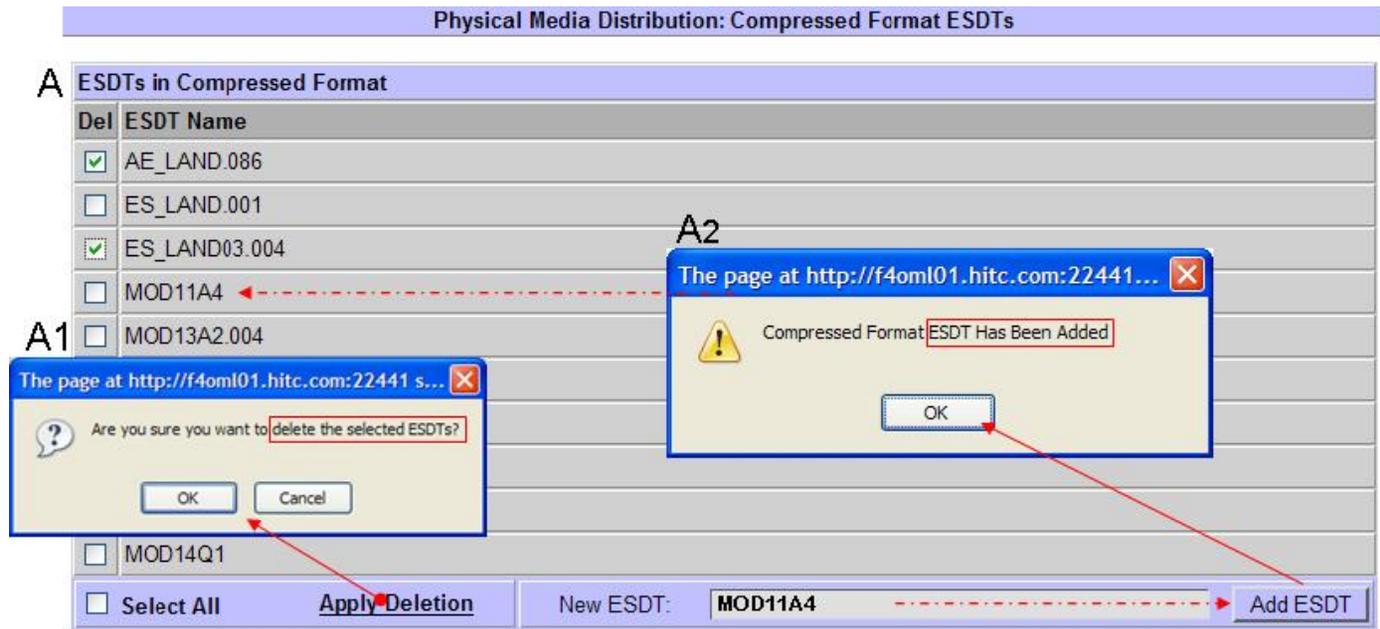
Physical Media Distribution (cont.)



❑ PMD – ESDT Configuration

- The full-capability Operator is allowed to add or remove names of ESDTs, which are stored in compressed format, to/from the PMD ESDTs page.

❖ Figure: PMD Compressed Format ESDTs Page



The screenshot displays the 'Physical Media Distribution: Compressed Format ESDTs' interface. It features a table with the following data:

Del	ESDT Name
<input checked="" type="checkbox"/>	AE_LAND.086
<input type="checkbox"/>	ES_LAND.001
<input checked="" type="checkbox"/>	ES_LAND03.004
<input type="checkbox"/>	MOD11A4
<input type="checkbox"/>	MOD13A2.004
<input type="checkbox"/>	MOD14Q1

At the bottom of the table, there are buttons for 'Select All', 'Apply Deletion', and 'Add ESDT'. The 'New ESDT:' field contains 'MOD11A4'. A red dashed arrow points from the 'MOD11A4' entry in the table to the 'Add ESDT' button.

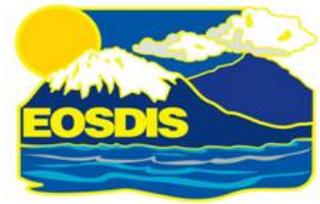
Two dialog boxes are overlaid on the interface:

- A1:** A confirmation dialog titled 'The page at http://f4oml01.hitc.com:22441 s...' with the message 'Are you sure you want to delete the selected ESDTs?'. It has 'OK' and 'Cancel' buttons.
- A2:** A success dialog titled 'The page at http://f4oml01.hitc.com:22441...' with a warning icon and the message 'Compressed Format ESDT Has Been Added'. It has an 'OK' button.

Red dashed arrows indicate the flow of actions: from the 'MOD11A4' row to the 'Add ESDT' button, and from the 'Add ESDT' button to the A2 dialog box.

OM GUI

Physical Media Distribution (cont.)



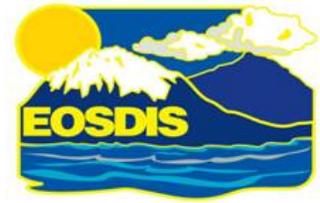
❑ PMD – ESDT Configuration

▪ Procedure: Adding/Deleting Compressed Format ESDTs

- Click **Physical Media Distribution** menu, then submenu **ESDT Configuration** to expand the **Physical Media Distribution: Compressed Format ESDTs** page.
- To add ESDT to the PMD ESDT list: Enter **<new_ESDT_name>** in New ESDT textbox, at right-bottom of page, then click the **Add ESDT** button. At prompt, click **OK** to acknowledge the update. The ESDT list updates.
- To delete ESDT from the PMD ESDT list: Check **one or more ESDTs** on the list, click the **Apply Deletion** link, at left-bottom of page, then at prompt, click **OK** to acknowledge the deletion. The ESDTs is deleted from list.
- Return to the **Order Manager Home** page, on left-pane of OM GUI click the **HOME** link.

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 and callouts:

- Get Order Status** (Page Title)
- Enter the Order ID** (Text input field)
- GetOrderStatus** (Button) and **Reset** (Button) (Callout: *Clears entry/fields.*)
- 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) (Callout: *NOTE: Use email Id associated with order.*)
- Number of Days** (Dropdown menu)
- OR --** (Separator)
- BeginningDate** (Text input field) (Format: (MM/DD/YYYY))
- EndDate** (Text input field) (Format: (MM/DD/YYYY))
- GetRangeofOrderStatus** (Button) and **Reset** (Button) (Callout: *Clears entry/fields.*)

Callouts on the right side of the page:

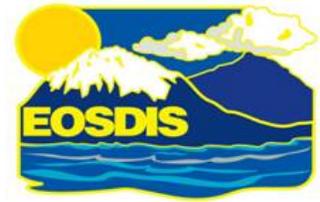
- Get current status of pending and/or current orders. (Points to the Order ID section)
- Get historical status of past and/or completed orders. (Points to the Date Range section)

Callout on the left side of the page:

- Generates search (of current or historical status) on specified field entry. (Points to the Email ID field)

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

A1 STATUS FOR ORDERID:<OrderID>
[Search for Status >>Order Status](#)

A2 ORDERID:<OrderID> STAU:<status> COMPLETIONTIME:
[Search for Status >>Order Status >>>Request Status](#)

A3 ORDERID:<OrderID> REQUESTID:<RequestID> REQUESTSTATUS:<StatusType> MEDIA:<MediaType> COMPLETIONTIME:
[Search for Status >>Order Status >>>Request Status >>>>Granule Status](#)

A1 – A3: Status pages Navigation Bars (at top-left of status page).

1

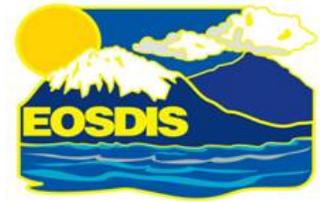
Order Status
Fields
Item Number
Order ID
Submitted
Status
Completed
Associated Request

2

Request Status
Fields
Item Number
RequestID
Status
Media
GranuleCount
Completed
Associated Granules
Processing

3

Granule Status
Fields
Item Number
GranuleID
ShortName
VersionID
SizeMD
Status
Processing



❑ 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).

Get Order Status A

STATUS FOR ORDERID:0300084004 B1 current

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

Order List B2 historical

Listing

#	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

If values do not meet entry criteria, ERROR occurs with detail related prompt.

Search for Status>>Order Status

ERROR (more Error Details...)

The page at http://f4oml01.hitc.com:22401...
Order ID can not be Null>Please Enter the OrderId

The page at http://f4oml01.hitc.com:22401...
Email ID Can not be Null>Please Enter the EmailId

The page at http://f4oml01.hitc.com:22401 says:
Please Select Number of Days OR Enter start and End date(time) To find the Range of Order:

The page at http://f4oml01.hitc.com:22401...
Invalid Range for the User Email... Please Check

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



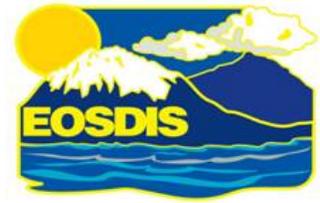
❑ View Order Status – OM GUI Order Status

▪ 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)

A

Get Order Status

Enter the Order ID 0300084004

GetOrderStatus Reset

B

(A→B) Get Order Status

STATUS FOR ORDERID:0300084004

Search for Status >> Order Status

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

(B→C) Get Request Status

C

ORDERID:0300084004 STATUS:Pending COMPLETIONTIME:

Search for Status >> Order Status >>> Request Status

Listing

Show 5 rows at a time.
first | previous | Showing 1 - 1 of 1 | next | last

#	Requestid	Status	Media	GranuleCount	Completed	Associated Granules	Processing
1	0300082263	Operator Intervention	CDROM	41		124378, 124379, 124380, 124381, 124382, 124383, 124384, 124385, 124386, 124387, 124388, 124389, 124390, 124392, 124393, 124394, 124397, 124398, 124415, 124416, 124419, 124421, 124423, 124425, 124427, 124428, 124431, 124432, 124434, 124435, 124437, 124439, 124441, 124443, 124444, 124445, 124446, 124447, 124448, 124449, 124450	N

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

(C→D) Get Granule Status

D

ORDERID:0300084004 REQUESTID:0300082263 REQUESTSTATUS:Operator Intervention MEDIA:CDROM COMPLETIONTIME:

Search for Status >> Order Status >>> Request Status >>>> Granule Status

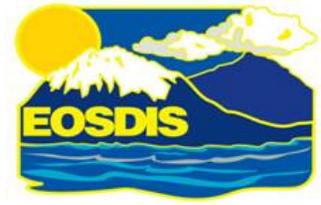
Listing

Show 5 rows at a time.
first | previous | Showing 1 - 5 of 41 | next | last

#	GranuleId	ShortName	VersionId	SizeMB	Status	Processing
1	124392	MOD29	86	0.102077484130859	STAGED	N
2	124394	MOD14	86	0.68387508392334	STAGED	N
3	124397	MOD14	86	0.464058876037598	STAGED	N
4	124398	MOD14	86	0.464058876037598	STAGED	N
5	124427	MOD14	86	0.68387508392334	STAGED	N

first | previous | Showing 1 - 5 of 41 | next | last

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

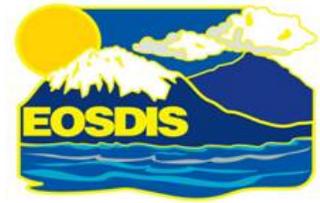
Logs (cont.)



❑ 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

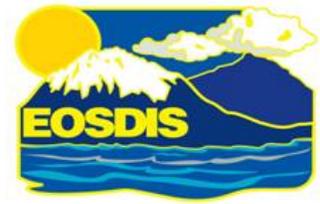
Viewing last 20 lines of the log file:
 show line numbers [last line] Line numbers display option.

Displays last 20 lines in Log by line number.

```
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
```

Order Manager GUI

Logs



❑ OM GUI – Admin Tools

- **The OM GUI Admin (Administrator) Tools page controls Operators' profiles and configuration for every file, 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.**