

## ADDITIONAL SHEET

CCR#04-0445

Rev:A Originator: Dominick P. Iascone, Jr.

Telephone: 301-925-1012

Office: 3000X

Title of Change: Patch\_7.01\_DPL\_OMS\_STMGT.02(Amended)

CSG-

Please make the following tarfiles from the REL7PTE baseline:

Please make a SOL8 tar file with the following packages:

.EcOmGUI.pkg  
.EcOmServer.pkg  
.EcOmDatabase.pkg

.EcDI.pkg

Please make an IRIX65 tar file with the following package:

.EcDIDatabase.pkg  
.EcDsStDatabase.pkg

Please call the tarfile: **PATCH\_7.01\_DPL\_OMS\_STMGT.02**

This software delivery contains solutions for the following NCRs:

NCR Number	Subsystem	Sev	State	Site	Description
ECSed40194	OPS_OM	2	C	EDF	OM GUI: Counts for "Staged, Shipped & In DPL" incorrect
ECSed40533	OPS_OM	2	V	PVC	OM cores on FtpPull Cleanup
ECSed40546	OPS_OM	2	V	PVC	SYSTEM05B: Unable to view all open interventions on Open Interventions
ECSed40591	OPS_OM	2	C	NSIDC	DN Shows the Wrong Path for Anonymous FTP Pull To The Datapool
ECSed40596	OPS_OM	2	V	EDC	Order Manager Bulk Resume and Bulk Cancel Implementation Incomplete
ECSed40674	OPS_OM	2	V	NSIDC	7.00+ TS1 Resubmit of a push order does not resend data
ECSed40685	OPS_OM	2	C	EDF	OmServer could erroneously cleanup granule file for FtpPull request
ECSed40686	OPS_OM	2	V	NSIDC	7.00A+ TS1 EcDIQuickServer repeating message in log with

## ADDITIONAL SHEET

**CCR#04-0445**

**Rev:A Originator:** Dominick P. Iascone, Jr.

**Telephone:** 301-925-1012

**Office:** 3000X

**Title of Change:** Patch\_7.01\_DPL\_OMS\_STMG.T.02(Amended)

					no action
ECSed40763	OPS_DDIS T	2	T	GSFC	GSFC/SMC: Stored Proc errors in Distribution logs
ECSed40784	OPS_OM	2	V	LaRC	OMS processed orders failing to find files in archive In TS1
ECSed40772	OPS_OM	4	T	EDF	"Cancel" or "Resume" on Dist.Req. GUI while Srvr down -> bad req. status
ECSed40794	OPS_DPool	2	V	NSIDC	ECS 7.0 OPS EDG links to Data Pool broken
ECSed40797	OPS_OM	3	T	EDC	Need more control over email when doing "Cancel" or "Fail Request".
ECSed40808	OPS_DPool	2	C	EDF	MFS - DPAD shouldn't dispatch when file system full
ECSed40838	OPS_DPool	2	V	PVC	Datapool Action Driver Core PVC OPS 07/12
ECSed40867	OPS_OM	2	V	EDC	Order manager prematurely set the granule to staged state
ECSed40928	OPS_OM	2	T	EDC	OPS:Rel7:SA: OrderManager on e0acs11 cores.
ECSed41004	OPS_OM	2	V	EDC	OPS:"Server hang when suspending during request construction"
ECSed41085	OPS_OM	3	V	EDF	Ftp Push Failure on REL7PTE baseline.
ECSed40926	OPS_DPool	2	V	LaRC	DPIU Can't Fine File Not In Expected Location
ECSed40673	OPS_DPool	2	V	LaRC	ASDC OPS Release 7 EcDICleanupDatapool orphan phantom valid
ECSed40984	OPS_STM GT	2	T	NSIDC	Can not cancel OMS request in DDIST

### INSTALLATION:

The following provides the installation and configuration procedures to install Patch\_7.01\_DPL\_OMS\_STMG.T.02. This Patch supersedes TE\_7.01\_DPL\_OMS.01.

### PATCH/TE DEPENDENCIES:

## ADDITIONAL SHEET

CCR#04-0445

Rev:A Originator: Dominick P. Iascone, Jr.

Telephone: 301-925-1012

Office: 3000X

Title of Change: Patch\_7.01\_DPL\_OMS\_STMG.T.02(Amended)

This patch must be at installed on top of minimum  
Release 7.01

### PRE-INSTALL:

**Note:** For any DAAC that has already installed **TE\_7.01\_DPL\_OMS.01**, it will be necessary to rollback the following databases to the indicated patch level before installing Patch\_7.01\_DPL\_OMS\_STMG.T.02:

Database	Rollback to Patch Number
DataPool< Mode>	7403
EcOmDb< Mode>	7525
stmgtdb1< Mode>	7407

01. Create a staging area for Patch\_7.01\_DPL\_OMS\_STMG.T.02
02. Copy the tar file into the <staging\_area>/SOL8/ directory
03. Using the setup.ksh file untar the Patch\_7.01\_DPL\_OMS\_STMG.T.02 tar file in the <staging\_area>/SOL8/ directory
04. cd <staging\_area>/SOL8/CUSTOM/dbms
05. chmod -R 775 \*
06. Using the setup.ksh file untar the Patch\_7.01\_DPL\_OMS\_STMG.T.02 tar file in the <staging\_area>/IRIX65/ directory
07. cd <staging\_area>/IRIX65/CUSTOM/dbms
08. chmod -R 775 \*
09. Shutdown the Order Manager GUI
10. Logon to host where package .EcOmServer.pkg is installed as cmshared or allmode.
11. Shutdown the Order Manager Server.
12. Kill the iPlanet instance for the OMS GUI
  - a. Logon to the Administrator web page for the iPlanet Web Server.
  - b. Select “**xxdpsnn\_OMS\_<MODE>**”.

## ADDITIONAL SHEET

CCR#04-0445

Rev:A Originator: Dominick P. Iascone, Jr.

Telephone: 301-925-1012

Office: 3000X

Title of Change: Patch\_7.01\_DPL\_OMS\_STMGT.02(Amended)

- c. Click the “**Manage**” button.
- d. Click the “**Server OFF**” button.

### INSTALL:

1. On any SUN host bring up E.A.S.I and select "Full" for install type.
2. Install the delivered package.

### CONFIGURATION:

1. Logon to the host where the package **EcOmServer.pkg** is installed (xxacsnn).
2. Start ECS Assist’s Subsystem Manager.
3. Select the MODE you wish to create configuration files for.
4. Double click “OMS” and drill down to “*EcOmOrderManagerApp*”. A list of executables will be displayed.
5. Select executable “*EcOmOrderManager*”.
6. Click the “**Configuration**” button to verify the settings. If the settings are not correct, please enter the correct value(s).
7. New parameters for EcOmOrderManager:

Parameter	Recommended Value	Definitions
ANONYMOUS_FTPPULL_ROOT	/PullDir (DEFAULT)	Location of the anonymous FTP Pull directory

8. Run **Mkcfg**
  - a. Click “**Ok**” button to create configuration file for EcOmOrderManager.
  - b. Exit ECS Assist Subsystem Manager.
  - c. Change directory to “**/usr/ecs<MODE>/CUSTOM/cfg**”
  - d. Execute the “diff” command for newly generated .CFG file(s) with .rgy before we populate the registry with any newly generated .CFG file(s). The following commands can be used:

## ADDITIONAL SHEET

CCR#04-0445

Rev:A Originator: Dominick P. Iascone, Jr.

Telephone: 301-925-1012

Office: 3000X

Title of Change: Patch\_7.01\_DPL\_OMS\_STMGT.02(Amended)

For one file: 'diff file.CFG file.CFG.rgy'

For multiple files (in c shell):

```
foreach file (*.CFG)↵  
echo $file ↵  
diff $file $file.rgy↵  
end
```

9. There are two processes that can be used to update the "Registry Database". The following instructions cover both processes. Choose one.

Using EcCoPopulateRegistry

- a. Change directory to "/usr/ecs/<MODE>/CUSTOM/cfg"
- b. Use the EcCoPopulateRegistry process to load the configuration parameters into the Registry database.
- c. Move EcOmOrderManager.CFG to EcOmOrderManager.CFG.rgy.

Using the "Apply registry patch option from ECS Assistant"

- a. Start Ecs Assist Subsystem Manager.
- b. Select the **MODE**.
- c. Double click "**OMS**" then "*EcOm*".
- d. Select "**Tools**" pull-down menu and select "**Apply Registry Patch**".
- e. Enter in the required information using "**usr/ecs/<MODE>/CUSTOM/.installed/OMS/.rgypatch**" for Registry Patch File.
- f. Click "**Ok**".
- g. Exit ECS Assist Subsystem Manager.

# ADDITIONAL SHEET

CCR#04-0445

Rev:A Originator: Dominick P. Iascone, Jr.

Telephone: 301-925-1012

Office: 3000X

Title of Change: Patch\_7.01\_DPL\_OMS\_STMGT.02(Amended)

## DATABASE UPDATES:

**Reminder:** There are two (2) versions of ECS Assistant which should be handled by aliases **EA** (7.01) and **EA700** (7.00). For this Patch, use **“EA”**.

## OMS Database

**See below ----- > Important <----- See below**

**Prior to patching the OMS database, perform the following two steps:**

1. The script that patches the OMS database to level 7529 may take a very long time to run unless a suitable database index is created. To accomplish this, perform the following steps:

- a Use standard isql procedure to access the OMS database that is going to be patched. The standard parameters apply. Also, hit the **Return key** after every line.
  - <dbo\_id> The userid for accessing the sybase server and OMS database.
  - <sybase\_server> The Sybase server which serves the OMS database.
  - <OMS\_database> The OMS database that will be patched (EcOmDb<\_Mode>)
  - <dbo\_password> Password that is used with dbo\_id.
  - \_Mode Indicates mode being worked. This is null for OPS mode, \_TS1 for TS1 mode, \_TS2 for TS2 mode, etc.

- b **isql -U<dbo\_id> -S<sybase\_server> -D<OMS\_database>**

- c When prompted, enter the dbo\_password; then hit the Return Key.

- d Type in the following sql commands:

```
create nonclustered index temp_idx on OmRequest (ProcessingMode,RequestId)
go
quit
```

2. The patch for 7529 can fail if there are processes running at the time that use the proc OmUpdateOverallStats. For example, the script EcOmUpdateCounts.ksh is run as a cron job in the PVC. This script uses the proc OmUpdateOverallStats. The patch for 7529 needs to drop that proc as part of its processing. If something else is using it, then the patch for 7529 can't drop it and the patch fails.

Therefore, before the OMS database is patched to level 7538 (which will cause the patch for 7529 to be run), please **cancel any cron jobs for EcOmUpdateCounts.ksh**. Otherwise, the database patch may fail.

**See above ----- > Important <----- See above**

The database should already be patched to 7525

Patch Level	Description
-------------	-------------

## ADDITIONAL SHEET

**CCR#04-0445**

**Rev:A Originator:** Dominick P. Iascone, Jr.

**Telephone:** 301-925-1012

**Office:** 3000X

**Title of Change:** Patch\_7.01\_DPL\_OMS\_STMGT.02(Amended)

7526	NCR 40674 - Modify OmResubmitRequest
7529	NCR 40194 - Change counts updating paradigm NCR 40669 - Fix OmInsertGranule
7533	NCR 40596 - Added OmProcess_Submit_Bulk, OmResubmitRequest_Bulk, OmProcess_FailRequest_Bulk NCR 40772 - Changed OmCancelRequest
7536	NCR 40784 - OMS Processed orders failing to find files in archive in TS1
7538	NCR 40797 - Enable more control over email when failing or canceling a request

1. Logon to the host where the package EcOmDatabase.pkg is installed (xxacsnn).
2. Start ECS Assist's Subsystem Manager. Then select the appropriate "MODE", "OMS", and "EcOm".
3. Select "DbPatch" from the "Database" menu. A "File Selection" window will appear.
4. In the "File Selection" window, select ".dbparms" and then "Ok".
5. The "Configurable Database Parameters" dialog box will appear, verify that the "Patch" is "7538". If this is not correct, please correct and proceed entering the required information and select the "Ok".
6. Exit ECS Assistant Subsystem Manager.

**See below ----- > Important <----- See below**

**After patching the OMS database, perform the following two steps:**

1. Once the OMS database is successfully patched, the index that was created prior to the patch needs to be removed. To accomplish this, please perform the following steps:
  - a Use standard isql procedure to access the OMS database that was patched.  
The standard parameters apply.
  - b **isql -U<dbo\_id> -S<sybase\_server> -D<OMS\_database>**
  - c When prompted, enter the dbo\_password; then
  - d Type in the following sql commands:  
**drop index OmRequest.temp\_idx**  
**go**  
**quit**
2. Whatever **cron jobs** were cancelled to enable the patch for 7529 to complete successfully may now be reactivated..

**See above ----- > Important <----- See above**

### DataPool Database

The database should already be patched to 7403

Patch Level	Description
7404	NCR 40749 - Update ProcDeleteOrderGranule to check the expiration date before deleting the granule.

## ADDITIONAL SHEET

CCR#04-0445

Rev:A Originator: Dominick P. Iascone, Jr.

Telephone: 301-925-1012

Office: 3000X

Title of Change: Patch\_7.01\_DPL\_OMS\_STMG.T02(Amended)

7406	NCR 40794 - Update ProcGetEDGDatapoolInfo
------	---

1. Logon to host where the .EcDIDatabase.pkg resides (xxacgnn).
2. Start ECS Assist Subsystem Manager. Then select the appropriate “**MODE**”, “**DPL**” and “**EcDI**”.
3. Select “**DbPatch**” from the “**Database**” menu. A “**File Selection**” window will appear.
4. In the “**File Selection**” window, select “**.dbparms**” and then “**Ok**”.
5. The “**Configurable Database Parameters**” dialog box will appear, verify that the “**Patch**” is “**7406**”. If this is not correct, please correct and proceed entering the required information and select the “**Ok**”.
6. Exit ECS Assistant Subsystem Manager.

### Storage Management Database

The database should already be patched to 7407

Patch Level	Description
7409	NCR 40737 - Fixes NCR40315, patch number 7044 which had old scripts.
7412	NCR 40784 - OMS processed orders failing to find files in archive in TS1

7. Logon to host where the .EcDsStDatabase.pkg resides (xxacgnn).
8. Start ECS Assist Subsystem Manager. Then select the appropriate “**MODE**”, “**DSS**” and “**EcDsSt**”.
9. Select “**DbPatch**” from the “**Database**” menu. A “**File Selection**” window will appear.
10. In the “**File Selection**” window, select “**.dbparms**” and then “**Ok**”.
11. The “**Configurable Database Parameters**” dialog box will appear, verify that the “**Patch**” is “**7412**”. If this is not correct, please correct and proceed entering the required information and select the “**Ok**”.

## ADDITIONAL SHEET

CCR#04-0445

Rev:A Originator: Dominick P. Iascone, Jr.

Telephone: 301-925-1012

Office: 3000X

Title of Change: Patch\_7.01\_DPL\_OMS\_STMGT.02(Amended)

### POST-INSTALL:

01. Start the iPlanet instance for OMS GUI:

- a. Logon to the Administrator web page for the iPlanet Web Server.
- b. Select "**xxdpsnn\_OMS\_<MODE>**".
- c. Click the "**Manage**" button.
- d. A server status screen will be displayed "The Server is currently **OFF**".
- e. Click the "**Server ON**" button.

02. Logon to the host where the EcOmServer package is installed as cmshared or allmode.

03. Bring up the Order Manager Server.

04. Bring up the Order Manager GUI.

05. Logon to the staging server host.

06. cd <staging\_area>/SOL8/CUSTOM/dbms.

07. chmod -R 700 \*

08. cd <staging\_area>/IRIX65/CUSTOM/dbms

09. chmod -R 700 \*