Oracle® Communications MetaSolv Solution

Network Grooming User's Guide Release 6.3 E69838-01

September 2016



Oracle Communications MetaSolv Solution Network Grooming User's Guide, Release 6.3

E69838-01

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Preface

This document provides information about Oracle Communications MetaSolv Solution (MSS) Network Grooming tool.

Audience

This document is intended for individuals responsible for managing high-volume equipment and connection moves within MSS.

Related Documents

For more information, see the following documents in the MSS 6.3 documentation set:

- MSS Planning Guide: Describes information you need to consider in planning your MSS environment prior to installation.
- Installation Guide: Describes system requirements and installation procedures for installing MSS.
- MSS System Administrator's Guide: Describes post-installation tasks and administrative tasks such as maintaining user security.
- MSS Security Guide: Provides guidelines and recommendations for setting up MSS in a secure configuration.
- MSS Database Change Reference: Provides information on the database changes in MSS releases.
- MSS Address Correction Utility User's Guide: Provides information about the MSS Address Correction utility.
- MSS Technology Module Guide: Describes each of the MSS technology modules.
- MSS Data Selection Tool How-to Guide: Provides an overview of the Data Selection Tool, and procedures on how it used to migrate the product catalog, equipment specifications, and provisioning plans from one release of your environment to another.
- MSS CORBA API Developer's Reference: Describes how MSS APIs work, high-level information about each API, and instructions for using the APIs to perform specific tasks.
- MSS Custom Extensions Developer's Reference: Describes how to extend the MSS business logic with custom business logic through the use of custom extensions.
- MSS Web Services Developer's Guide: Describes the MSS Web Services and provides information about the MSS Web Service framework that supports web services,

the various web services that are available, and how to migrate existing XML API interfaces to web service operations.

For step-by-step instructions for tasks you perform in MetaSolv Solution, log into the application to see the online Help.

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Getting Started

This chapter provides information about the Oracle Communications MetaSolv Solution Network Grooming tool.

About Network Grooming

Network grooming is the process of reassigning connections or ports from one or more facilities to new or alternative facilities. You use the Network Grooming tool to make these changes.

The Network Grooming tool lets you do the following:

- Reassign connections or ports from underused facilities to free up ports for other services
- Replace equipment assignments
- Conduct traffic-flow type changes

The Network Grooming tool provides an easy, efficient way to manage high-volume equipment and connection moves within the MetaSolv Solution application.

The Network Grooming tool facilitates management of connection moves in support of a new switch, installation, and other related business functions. It supports single-facility and multiple-facility moves, equipment moves, and connection renaming and runs a mass facility reconciliation for all child connections affected.

All the child connections that are part of a grooming project are reconciled when modifications are made to the port address assignment or connection position assignment of the parent facility.

During a facility groom, when a parent facility is assigned or moved to a new port address, the child connections are reconciled to display the updated equipment information on the assignment block on the child connection's Design Layout Report (DLR).

If child connections have Enabled Port Address assignments and the parent facility is unassigned or moved, the child connections are reconciled to display the target equipment information on the assignment block of the child connection's DLR.

The Network Grooming tool supports the following types of circuits:

- Facility
- Special
- Trunk
- Telephone Number:

- Working Telephone Number (WTN)
- Number Ported Out (NPOUT)
- Number Ported In (NPIN)
- Next-Generation Network (NGN) Connection
- Bandwidth
- Virtual

The Network Grooming tool supports all template-based connections, including virtuals, enabling you to manage allocations to and from parent bandwidth connections. Unlike physical connections, any changes to virtual connections made within the grooming workspace will be reflected within the schematic design view of Connection Design when the grooming order has been processed.

Because virtual connections do not occupy a specific channel on a parent connection, the Network Grooming tool provides the ability to manage the individual allocation parameters (stored as custom attributes) for each parent to child relationship, when applicable.

To use this capability, use the **Specify Virtual Channel** right-click option within the Maintenance and Connection Hierarchy views of the Network Groom Maintenance window. Allocation parameters are also auto-generated during the Groom To step if the template is set up to provide this capability.

When making design changes for template-based connections within the grooming workspace, you are prevented from making assignments that would break the rules defined for the connection specification of the connection being modified.

In addition to managing virtual connection allocations to parent bandwidth connections, you can use the Network Grooming tool to allocate physical circuits to bandwidth connections using circuit emulation, which are represented by bandwidth blocks on the DLR within Connection Design.

Network Grooming Rules

For the network grooming process to be successful, do the following:

- Begin with the highest-level connection, such as a T3 circuit, then a T1 circuit, and so on.
- Replace facility assignments.
- Replace equipment assignments.
- Add any new facility or equipment assignments.
- Delete the assignments that will not be used. If you leave these assignments in the workspace without a reassign, these assignment will be removed when the groom is processed.
- Verify that the application has correctly determined the new connection ID. If not, you must rename the connection ID manually.
- Remove unchanged assignments from the groom workspace.
- Remove any lower-level connections from the groom workspace that must not be groomed.

Groom Types

There are two basic types of grooms:

- Channel/Bandwidth Modification Groom (Facility Groom)
- Equipment Groom

Channel/Bandwidth Modification Groom (Facility Groom)

There are four types of Channel/Bandwidth Modification Groom (Facility Groom):

- Single-Facility Groom
- Multiple-Facility Groom
- Near-End Facility Groom
- Far-End Facility Groom

Single-Facility Groom

A single-facility groom is characterized by the following:

- Lets you groom a facility that has only one parent.
- A connection is represented by a single row.
- The **Connection ID** column displays the connection identification of the connection being maintained.
- The Unassign From Connection ID column represents the child circuit that will be removed after the groom has been processed, and the Ckt Pos (circuit position) column beside it represents the circuit position on the parent facility from which the groom originates.
- The **Assign To Connection ID** column represents the new parent facility, and the **Ckt Pos** column beside it represents the circuit position.
- The Service Type Code column represents the service-type code of the circuit.

Figure 1–1 shows the columns that are displayed in the Network Groom Current View for a single-facility groom.

Figure 1–1 Single-Facility Groom

avbar Network Groom - FACILITY							
File ← Edit ← View ← Options ← Window ←							
Select View	nformation						
Groom Groom	ame: FACILITY	Target Due Date:	5/10/2012		Single		
Descript	ion: Single Facility	Organization:	DENVER	▼			
- Select Filter							
Select All Reset Service Type: None) Orig Location: None Term Location: None							
Connections: 8							
Connection ID Unassign From Connection ID Ckt Pos Current All Unassign Fr Assign To Connection ID							
40070/T1 /GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55BB1/GLPTMS55K04	1		50025/T3 /GLPTMS55E	B2/GLPTMS55K04		
✓ 40071/T1 /GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55BB1/GLPTMS55K04	2		50025/T3 /GLPTMS55E	B2/GLPTMS55K04		
✓ 40080/T1 /GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55BB1/GLPTMS55K04	3		50025/T3 /GLPTMS55E	B2/GLPTMS55K04		
40081/T1 /GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55BB1/GLPTMS55K04	4		50025/T3 /GLPTMS55E	B2/GLPTMS55K04		

Multiple-Facility Groom

A multiple-facility groom is characterized by the following:

• Lets you groom a facility that has multiple parents.

- A connection rides more than one parent facility.
- A row in the groom workspace represents each assignment. Both rows have the same connection ID as shown in the Connection ID column, but each has its own distinct unassign ID and connection position as shown in the Unassign From Connection ID and Ckt Pos columns, which represent the circuit position and the connection ID of the parent facilities, respectively.
- Each row may be assigned to a different circuit position and facility.

Figure 1–2 shows the columns that are displayed in the Network Groom Current View for a multiple-facility groom.

Figure 1–2 Multiple-Facility Groom

avbar Network Groom - FACILITY				
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸				
Select View Project	Information			
C Maintenance	Name: FACILITY	Farget Due Date:	5/10/2012	
Descrip	tion: Multiple Facility 0	Organization:	DENVER	•
Select Filter				
Select All 🔲 🛛 🛛 Reset 🛛 Service Type: [(N	one) 💌 Orig Location: (None)	•	Term Location: (None)	•
Connections: 8				
Connection ID	Unassign From Connection ID	Ckt Pos Cu	urrent All Unassign Fr Assign To	o Connection ID
40070/T1 /GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55BB1/GLPTMS55K04	1	50025/T3	/GLPTMS55BB2/GLPTMS55K04
40070/T1 /GLPTMS55BB1/GLPTMS55K04	30010/T3 /GLPTMS55BB1/GLPTMS55K04	2	30025/T3	/GLPTMS55BB2/GLPTMS55K0

Near-End Facility Groom

In a near-end facility groom:

- You can groom just one leg of the path.
- A connection's equipment assignment is selected.
- All facility assignments for both the parent and the child connection are included in the groom workspace.

Far-End Facility Groom

In a far-end facility groom:

- You can groom an entire path from one terminating point to the other.
- A connection is selected and all the facility assignments for the parent connection are included in the groom workspace.
- Only the selected assignment for the child connection comes into the groom workspace.

Equipment Groom

Equipment grooms are performed when a circuit is moved from one equipment port to another (for example, a T3 from one DACS to another DACS). All equipment grooms are near-end grooms and therefore only populate the workspace with the circuits terminating at the mounting positions/port addresses that you selected in the Network Groom Maintenance window. No child circuits are included into the workspace.

Note: Far-end equipment grooms do not exist.

Network Grooming Preferences

There are preferences in the MetaSolv Solution application that govern the Network Grooming tool.

The following preferences are located under **Preferences - Equipment - Groom**:

Note: An asterisk (*) beside the preference denotes that it is a system preference.

- Convert EPAs to Facility Assignments: When set to N (the default), any connections with enabled port addresses are not accepted for assignment when equipment is reassigned. When set to Y, any connections with enabled port addresses are overwritten and made available for facility assignments when equipment is reassigned.
- **Default groom selection:** This preference applies only to facility grooms.

This preference has the following options:

- Near End: If you select this option, the Near End option is automatically selected in the New Groom Facility window. This makes near-end grooming the default option each time a new groom facility is started. For near-end grooms, the parent facility selected for grooming is the only facility included in the groom.
- Far End: If you select this option, the Far End option is automatically selected in the New Groom Facility window. This makes far-end grooming the default option each time a new groom facility is started. For far-end grooms, additional facility assignments from downstream segments will be impacted by the groom and therefore must be included in the groom project.
- Groom query defaults: If you select the Created (the default) check box, only the created groom projects are included for searching in the Network Groom Search window. Select any of the following check boxes to include other search criteria by default when searching for a groom project:
 - Completed
 - Completed w/ errors
 - On Order
 - Processed
 - Processed w/ errors
 - Processing
- * Maximum number of ports added to workspace: Enter a numeric value that represents the maximum number of ports that can be added to a workspace.
- Maximum Number to Process in Foreground: Enables you to specify the maximum number of facilities and connections to be processed in the foreground during a groom. If this number is exceeded, processing occurs in the background. The default is 100.
- Remove or disconnect blocks?: When set to Remove, the previous assignments that are disconnected as a result of the groom are deleted from the design lines. When set to Disconnect, the previous assignments remain on the design lines and are indicated by a D on each row representing a disconnected assignment.

- **Reserve connection positions when target facility is selected:** When set to **Yes**, the "groom to" positions are automatically reserved as the grooming project is created. When set to **No**, the terminating positions are not reserved until the ISR is generated.
- * Update ckr when processing groom: When set to N (the default), the application does not update the ckr field in the From Order Confirmation table of an ASR. When set to Y, the application updates the ckr field in the From Order Confirmation table of an ASR.

The following preferences are located under **Preferences - Equipment - Groom - CLF Facility Designation:**

- * Starting facility designation range for DS0 circuits = 1: If the Auto-Populate CLF Designation preference is not set, this range is used for DS0 circuits when grooming.
- * Starting facility designation range for DS1 circuits = 101: If the Auto-Populate CLF Designation preference is not set, this range is used for DS1 circuits when grooming.
- * Starting facility designation range for DS3 circuits = 101: If the Auto-Populate CLF Designation preference is not set, this range is used for DS3 circuits when grooming.
- * Starting facility designation range for other circuits = 101: If the Auto-Populate CLF Designation preference is not set, this range is used for circuits other than DS0, DS1, and DS3 when grooming.

Note: The **Auto-Populate CLF Designation** preference is located under **Preferences - Service Request - Connection**. When this preference is set to **N** (the default), any CLF facility designation can be entered. When this preference is set to **Y**, the facility designation is auto-populated, but you can change it if the connection is reopened.

Creating a Network Groom Project

This chapter provides basic information about creating a network groom project. See "Grooming Scenarios" for detailed information about different scenarios involved in the network grooming process.

Creating a Facility Groom

To create a facility groom:

- On the navigation bar, select Inventory Management, and then click Network Grooming.
- 2. Click the Add New link.

The Groom Request Types window is displayed.

- 3. Select Facility.
- 4. Click OK.

The New Groom Facility window is displayed.

- **5.** In the Project Information section, complete the **Groom Name**, **Description**, **Target Due Date**, and **Organization** fields.
- 6. Select the Facility option and click Search.

The Connection Hierarchy window is displayed.

- 7. Specify the search criteria and click **Search**.
- 8. Select the Far End or Near End option for the type of groom you want to perform.
- 9. Select the facility from the list.
- 10. Click Add.

The status of the facility changes to Pending Groom.

Note: You can select multiple facilities from multiple source locations. Continue selecting facilities and clicking **Add**. You can add more facilities later when in the Network Groom Maintenance window by selecting **Add Facility** from the **Options** menu.

- 11. Click OK.
- 12. In the Network Groom Maintenance window, select the Facility option.
- 13. Click Search.

The Connection Hierarchy Search window is displayed.

- 14. Specify the search criteria and click Search.
- **15.** On the facility in the list view, select the connections you do not want included in the groom, and then click the **Delete** button at the bottom of the window.
- **16.** On the facility in the list view, select all the connections you want included in the groom.

Note: The connections that are not selected during the groom are disconnected. To exclude connections from the groom and leave them connected, delete them from the list.

17. On the facility in the hierarchical view, right-click the connection and select **Groom To**.

You have now finished all the design changes. You must validate the project to verify that the assignments are valid. Validation takes place within the **Groom To** action, but because all network grooming projects are self-contained workspaces and may be built and worked over a long time frame, the inventory could have changed since the data was initially loaded into the workspace.

- 18. From the Options menu, select Validate.
- **19.** From the **File** menu, select **Save**.
- **20.** Close the Network Groom Maintenance window and return to the Network Groom Search window.
- 21. If your project is not already listed, click Modify Search.
- 22. Specify the name of the groom in the Groom Name field and click Search.

The network groom is displayed in the Network Groom Search window.

To process the design changes completed within the Network Grooming workspace, create an order.

23. Select the groom project, and from the **Options** menu, select **Create EWO** or **Create ISR**.

This automatically generates the grooming order and pre-populates it with all of the connections contained within the selected grooming projects. The ISR or EWO opens in read-only view because the information is retrieved from the saved groom and adding or removing connections from the order is not allowed. In addition, all network grooming projects associated to an open order are also read-only because modifying the workspace will invalidate the order. To make changes to the grooming workspace, you must supplement-cancel the order to place the project back in **Created** status.

- **24.** Depending on the type of order you create, do one of the following:
 - For an EWO order:
 - a. Under Related Pages, click Manage Tasks.
 - b. Under Actions, click Assign Tasks.
 - For an ISR order:
 - a. From the **Options** menu, select **Task Generations/Maintenance**.

- **25.** Select a provisioning plan containing the Design Layout Report Date (DLRD) (or similar) task and Due Date (DD) task at a minimum and assign the tasks to the appropriate work queues and click **OK**.
- **26.** Complete the task preceding the DLRD (or similar) task.
- 27. Double-click the DLRD (or similar) task.

The Service Request Connections window is displayed, listing all of the connections on the order/project.

28. From the Options menu, select Process Groom.

Note: You can supplement-cancel grooming orders until this step. After the application has started processing the data from the workspace, you cannot cancel the order. You can process small projects on the client machine. Oracle recommends that you process larger projects within the Background Processor.

A confirmation message is displayed.

29. Click Yes.

The network groom project is processed.

- **30.** After the groom processing is complete, you must place the connections in **Record Issued** or **DLR Issued** status.
- 31. From the Options menu, select Group Print.

The Print window is displayed.

- **32.** Do one of the following:
 - To issue the connection layout record (CLR) or graphical layout record (GLR), select the Mark as Record Issued check box.
 - To issue the design layout report (DLR), select the Mark as DLR Issued check box.
- **33.** Click **OK**.
- **34.** Complete the DLRD (or similar) task.
- **35.** Complete the DD task.

Creating an Equipment Groom

To create an equipment groom:

- 1. On the navigation bar, select **Inventory Management**, and then click **Network Grooming**.
- 2. Click the Add New link.

The Groom Request Types window is displayed.

- 3. Select Equipment.
- 4. Click OK.

The New Groom Equipment window is displayed.

 In the Project Information section, complete the Groom Name, Description, Target Due Date, and Organization fields.

- 6. Select the Equipment option.
- 7. In the Network Location field, enter a network location and click Search.
- 8. Select the equipment from the list by selecting the check box to its left.
- 9. Click Add.

Note: You can select multiple equipment from multiple source locations. Enter another network location to retrieve a list of available equipment at the new location. Continue selecting equipment and clicking **Add**. You can add more equipment later when in the Network Groom Maintenance window by selecting **Add Equipment** from the **Options** menu.

- 10. Click OK.
- **11.** In the Network Groom Maintenance window, select the **Equipment** option and click **Search**.

The Equipment Inventory Search window is displayed.

- 12. In the Network Location field, enter a network location.
- 13. Click Search.
- **14.** On the equipment in the list view, select the connections you do not want included in the groom, and then click **Delete** at the bottom of the window.
- **15.** On the equipment in the list view, select all connections you want included in the groom.

Note: The connections that are not selected during the groom are disconnected. To exclude connections from the groom and leave them connected, delete them from the list.

16. On the equipment in the hierarchical view, right-click the circuit and select **Groom To**.

You have now finished all the design changes. You must validate the project to verify that the assignments are valid. Validation takes place within the **Groom To** action, but because all network grooming projects are self-contained workspaces and may be built and worked over a long time frame, the inventory could have changed since the data was initially loaded into the workspace.

- 17. From the Options menu, select Validate.
- 18. From the File menu, select Save.
- **19.** Close the Network Groom Maintenance window and return to the Network Groom Search window.
- 20. If your project is not already listed, click Modify Search.
- 21. Specify the name of the groom in the Groom Name field and click Search.

The network groom is displayed in the Network Groom Search window.

To process the design changes completed within the Network Grooming workspace, create an order.

22. Select the groom project and, from the **Options** menu, select **Create EWO** or **Create ISR**.

This automatically generates the grooming order and pre-populates it with all of the connections contained within the selected grooming projects. The ISR or EWO opens in read-only view because the information is retrieved from the saved groom and adding or removing connections from the order is not allowed. In addition, all network grooming projects associated to an open order are also read-only because modifying the workspace will invalidate the order. To make changes to the grooming workspace, you must supplement-cancel the order to place the project back in **Created** status.

- **23.** Depending on the type of order you create, do one of the following:
 - For an EWO order:
 - a. Under Related Pages, click Manage Tasks.
 - **b.** Under Actions, click Assign Tasks.
 - For an ISR order:
 - a. From the Options menu, select Task Generations/Maintenance.
- **24.** Select a provisioning plan containing the DLRD (or similar) task and DD task at a minimum and assign the tasks to the appropriate work queues and click **OK**.
- **25.** Complete the task preceding the DLRD (or similar) task.
- **26.** Double-click the DLRD task.

The Service Request Connections window is displayed, listing all of the connections on the order/project.

27. From the Options menu, select Process Groom.

Note: You can supplement-cancel grooming orders until this step. After the application has started processing the data from the workspace, you cannot cancel the order. You can process small projects on the client machine. Oracle recommends that you process larger projects within the Background Processor.

A confirmation message is displayed.

28. Click Yes.

The network groom project is processed.

- **29.** After the groom processing is complete, you must place the connections in **Record Issued** or **DLR Issued** status.
- **30.** From the **Options** menu, select **Group Print**.

The Print window is displayed.

- **31.** Do one of the following:
 - To issue the connection layout record (CLR) or graphical layout record (GLR), select the Mark as Record Issued check box.
 - To issue the design layout report (DLR), select the **Mark as DLR Issued** check box.
- 32. Click OK.

- **33.** Complete the DLRD (or similar) task.
- **34.** Complete the DD task.

Grooming Scenarios

This chapter demonstrates how to use the Network Grooming tool by walking you through the following scenarios:

- Scenario 1: Grooming a T3 Facility
- Scenario 2: Grooming Eight T1 Circuits
- Scenario 3: Grooming Multiple T1 Equipment Port Assignments
- Scenario 4: Grooming Equipment Port Assignments and Facility Assignments
- Scenario 5: Grooming a Virtual Connection by Inserting a Node in its Path
- Scenario 6: Grooming Templated Physical Connections
- Scenario 7: Grooming an NPA/NXX Switch
- Scenario 8: Grooming a Virtual Connection by Changing its Terminating Bandwidth

Scenario 1: Grooming a T3 Facility

This scenario involves grooming a T3 facility from one DS3 equipment port to another DS3 equipment port.

The T3 facility in this example has two equipment assignments – one assignment to the GLPTMS55BB3 switch and another assignment to the GLPTMS55K05 DACS. In this network grooming project, the assignment to the K05 DACS will be moved to the K03 DACS. All T1 child circuits will follow. Because all circuits affected (T3 parent and T1 children) are CLF format, all connection IDs will change as a result of the groom.

Figure 3–1 illustrates this scenario.

Figure 3–1 Grooming a T3 Facility



Figure 3–2 shows the Equipment Inventory views for the K05 DACS and K03 DACS before the groom process.

Figure 3–2 Equipment Inventory Views for the K05 DACS and K03 DACS Before the Groom

avbar Equipment Inventory	
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸	
View 1 - Installed Equipment GLPTMS55	View 2 - Installed Equipment GLPTMS55
III NEWTON SUB 6' RELAY RACK 6' RR DACS K05 (GLPTMS55K05)	NEWTON SUB 6' RELAY RACK 6' RR DACS K03 (GLPTMS55K03)
● 01	● 01 ···· ● 01
02	02
📴 🛄 03 ECI DS3/E3 I/F DS3/E3 SHF SHELF 1 (GLPTMS55K05)	🔁 🛄 03 ECI DS3/E3 I/F DS3/E3 SHF SHELF 1 (GLPTMS55K03)
• 0301 <psu-a></psu-a>	0301 <psu-a></psu-a>
• 0302 <psu-b></psu-b>	● 0302 <psu-b></psu-b>
🕲 0303 <mcu-a></mcu-a>	🖲 0303 <mcu-a></mcu-a>
® 0304 <amx-p></amx-p>	🖲 0304 <amx-p></amx-p>
🚊 📲 0305 ECI AAMX DS3 I/F	📋 🖬 0305 ECI AAMX DS3 I/F
🖻 📲 K05-1-A-0 (DS3-Unassigned)	庄 🚏 K03-1-A-0 (DS3-Unassigned)
🚊 📲 0306 ECI AAMX DS3 I/F	📄 📶 0306 ECI AAMX DS3 I/F
🗄 🚰 K05-1-B-0 (DS3-Unassigned)	庄 🦓 K03-1-8-0 (DS3-Unassigned)
🚊 📲 0307 ECI AAMX DS3 I/F	📄 📲 0307 ECI AAMX DS3 I/F
🗄 💾 K05-1-C-0 (DS3-In Service), 50005/T3 🛛 /GLPTMS55BB3/GLPTMS55K05 (In Servi	庄 🥞 K03-1-C-0 (DS3-Unassigned)
🚊 📲 0308 ECI AAMX DS3 I/F	🚊 📶 0308 ECI AAMX DS3 I/F
🕀 🚰 K05-1-D-0 (DS3-Unassigned)	庄 🚏 K03-1-D-0 (DS3-Unassigned)
🖲 0309 <lsp-a></lsp-a>	0309 <lsp-a></lsp-a>
0310 <psw></psw>	0310 <psw></psw>

To groom a T3 facility from one DS3 equipment port to another DS3 equipment port:

- 1. On the navigation bar, select **Inventory Management**, and then click **Network Grooming**.
- 2. Click the Add New link.

The Groom Request Types window is displayed.

- 3. Select Equipment.
- 4. Click OK.

The New Groom Equipment window is displayed.

- **5.** In the Project Information section, complete the **Groom Name**, **Description**, **Target Due Date**, and **Organization** fields.
- 6. Select the Equipment option.
- 7. In the Network Location field, do one of the following:
 - Enter the 11-byte CLLI (for example, GLPTMS55K05) and click **Search** to retrieve the installed equipment associated to the K05 DACS.
 - Enter the 8-byte CLLI (for example, GLPTMS55) and click **Search** to retrieve all installed equipment in the GLPTMS55 building.
- **8.** Expand the higher-level equipment where the current assignment appears until a check box for the port is displayed. Select the check box of the DS3 port (or card) to be included in this groom project and click **OK**.

New Groom Equipment				? 🗙		
Please enter the source location of the equipment you would like to groom.						
Project Information Groom Name: DS3 PORTGROOM Description: DS3 Port: GLPTMS55K05 to K03	Target Due Date:	5/10/2002				
- Select Secret Mede		1				
Equipment O Facility Location:	GLPTMS55K05 GULFPORT 3/1 DAC	:S 5	• <u> </u>	Search		
View 1 - Installed Equipment GLPTMS55K05						
Image: NewTon Sub 6' RELAY RACK 6' RR DACS K05 (income of the second stress of the	GLPTMS55K05) PTMS55K05) F3 /GLPTMS55BB:	3/GLPTMS55K05	ī (In Service)			
	Desca	I		▼		
C FarEnd 💿 NearEnd	Remove	Add	OK	Cancel		

9. Click Add.

Note: If you want to add ports from multiple locations, click the **Add** button instead of the **OK** button to add the selected ports to the groom project without proceeding to the next screen.

For this scenario, GLPTMS55K05 is the only location from which you want to add ports, so you can click the **OK** button instead of the **Add** button. The **Add** button is used for facility grooms and for multiple network location grooms.

10. Click **OK**.

Both of the equipment assignments for this T3 facility are added to the groom project: K05 DACS assignment and BB3 switch assignment.

Network Groom - DS3 PORTGROOM							
File ← Edit ← View ← Options ← Window ←							
Select View Select Search Moo	de						
	C Facility Search						
C Select Filter							
Select All 🔲 Reset Service Type: (None) 💌	Orig Location: [None) 🗾 Term Lo	.ocation: [[No					
Connections: 2							
Connection ID	Unassign From Connection ID Ckt Pos Current Allocat Ur	nassign Fro					
50005/T3 /GLPTMS55BB3/GLPTMS55K05	BBC	3-2-0					
50005/T3 /GLPTMS55BB3/GLPTMS55K05	K05	5-1-D-0					

11. The BB3 switch port assignment should not be groomed.

Note: It is important to remove any assignments that should not be groomed from the groom project. In this scenario, if the BB3 switch assignment is not deleted from the project and no port is selected in the hierarchical view for this assignment, the BB3 equipment port assignment will be removed when the groom is processed.

12. On the equipment in the list view, select the BB3 equipment port assignment and click **Delete**.

A confirmation message is displayed prompting you to confirm if you want to delete the selected row.

13. Click Yes.

The BB3 equipment port assignment is removed from the groom project.

- 14. On the Network Groom Maintenance window, select the Equipment option.
- 15. Click Search.

The Equipment Inventory Search window is displayed.

- 16. In the Network Location field, enter a network location.
- 17. Click Search.

For this scenario, the equipment associated to the GLPTMS55K03 DACS is displayed. Expand the K03 equipment until you locate the appropriate port.

- **18.** Select the check box beside the port you want included in this groom project and click **OK**.
- **19.** On the equipment in the list view, select the port assignment that you want included in the groom.

Note: The connections that are not selected during the groom are disconnected. To exclude connections from the groom and leave them connected, delete them from the list.

20. On the equipment in the hierarchical view, right-click the port under the K03 equipment and select **Groom To**.

avbar Network Groom - DS3 PORTGROOM	
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸	
Select View	
@ Maintenance O Current @ Equipment O Equity	Forch
	Search
Select Filter	
Select All Reset Service Tupe: (Name)	(None)
Connections: 1	View 1 - Installed Equipment GLPTMS55
Connection ID Unassign From Conn	🖽 NEWTON SUB 6' RELAY RACK 6' RR DACS K03 (GLPTMS55K03)
50005/T3 /GLPTMS55BB3/GLPTMS55K05	
	02
	□ III 03 ECI DS3/E3 I/F DS3/E3 SHF SHELF 1 (GLPTMS55K03)
	0 0302 (PSU-B)
	E South A MAR Doorn
	O306 ECLAAMX DS3 I/E Navigate
	D 0307 ECI AAMX DS3 I/F
	O309 <lsp-a> Search</lsp-a>
	- 🐵 0310 <psw></psw>
	Groom 10 Groom 10 Groom 10
	O312 <lsp-c> Condition Codes</lsp-c>
	O313 ECI AAMX DS3 I/F
	O314 ECI AAMX DS3 I/F IP Address
	UI15 ECI AAMX DS31/F Unassign IP Address
	Print 0315 EULAAMX US31/F
	05 <occupied></occupied>
	• 06 <occupied></occupied>

In the list view, a check mark appears beside the port. In the hierarchical view, the port displays a Pending Groom status.

avbar Network Groom - DS3 PORTGROOM	
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸	
Select View	
Maintenance O Current O Equipment	O Facility Search
Select Filter	
Select All 🔲 Reset Service Type: [(None) 💌	Orig Location: (None) 💌 Term Location: (None)
Connections: 1	View 1 - Installed Equipment GLPTMS55
Connection ID	Unassign From Conn 🛄 NEWTON SUB 6' RELAY RACK 6' RR DACS K03 (GLPTMS55K03)
50005/T3 /GLPTMS55BB3/GLPTMS55K05	
	0302 < PSU-B>
	0303 <mcu-a></mcu-a>
	• 0304 <amx-p></amx-p>
	🖨 🖬 0305 ECI AAMX DS3 I/F
	E 2 K03-1-A-0 (DS3-Unassigned), 50005/T3 /GLPTMS55BB3/GLPTMS55K05 (Pending Groom)
	DIE CLAAMX DS31/F
	THE USING ECLIAMX DS31/F
	😟 🖬 0314 ECI AAMX DS3 I/F
	🗄 🖅 0315 ECI AAMX DS3 I/F
	🗄 🖬 0316 ECI AAMX DS3 I/F
	• 0317 <mcu-b></mcu-b>
	● 0318 <cbu-b></cbu-b>
	0319 <cbu-a></cbu-a>
	TT OF converted
B 🗞 🕫 🗇	TI OC cooperation

To view more details of this groom, select the **Current** button in the Select View section in the top left corner of the screen.

21. For this scenario, the Z Location in the CLF connection ID should change from GLPTMS55K05 to GLPTMS55K03. Right-click on the row displayed in the current view and select **Rename Circuit**.

avbar Network Groom	- DS3 PORTGP	R00М						
File - Edit - View - Options - Window -								
Celect View	Select View							
O Maintenance . @ Current	Groom Nam	ne: DS3 PORTGROOM		Target Due Date:	5/10/2002			
	Description:	: DS3 Port: GLPTMS!	55K05 to K03	Organization:	NHQ			
Select Filter Select All Reset Service Type: (None) Term Location: (None) Connections: 1								
💡 Unassign From Equip 🛛 Assign	Unassign From Equip Assign To Connection ID Assign To Equip New Connection ID CLF Desid Orig L							
K05-1-D-0		K03-1-A-0	Pa	name Circuit				
			Cin	cuit Reference				

22. Change the Term Location GLPTMS55K05 to GLPTMS55K03.

A confirmation message is displayed.

23. Click Yes.

In this scenario, the CLF Designator at the beginning of the connection ID should not change as result of this groom.

24. To change the CLF Designator, select **101** in the **CLF Desig** field and replace it with **50005**.

A confirmation message is displayed.

25. Click Yes.

You have now finished all the design changes. You must validate the project to verify that the assignments are valid. Validation takes place within the **Groom To** action, but because all network grooming projects are self-contained workspaces and may be built and worked over a long time frame, the inventory could have changed since the data was initially loaded into the workspace.

- 26. From the Options menu, select Validate.
- **27.** From the **File** menu, select **Save**.
- **28.** Close the Network Groom Maintenance window and return to the Network Groom Search window.
- **29.** If your project is not already listed, click **Modify Search**.
- **30.** Specify the name of the groom in the **Groom Name** field and click **Search**.

The network groom is displayed in the Network Groom Search window.

To process the design changes completed within the Network Grooming workspace, create an order.

31. Select the groom project and, from the **Options** menu, select **Create EWO** or **Create ISR**.

This automatically generates the grooming order and pre-populates it with all of the connections contained within the selected grooming projects. The ISR or EWO opens in read-only view because the information is retrieved from the saved groom and adding or removing connections from the order is not allowed. In addition, all network grooming projects associated to an open order are also read-only because modifying the workspace will invalidate the order. To make changes to the grooming workspace, you must supplement-cancel the order to place the project back in **Created** status.

- **32.** Depending on the type of order you create, do one of the following:
 - For an EWO order:
 - a. Under Related Pages, click Manage Tasks.
 - **b.** Under Actions, click Assign Tasks.
 - For an ISR order:
 - a. From the Options menu, select Task Generations/Maintenance.
- **33.** Select a provisioning plan containing the DLRD (or similar) task and DD task at a minimum and assign the tasks to the appropriate work queues and click **OK**.
- **34.** Complete the task preceding the DLRD (or similar) task.
- 35. Complete the DLRD (or similar) task.

The Service Request Connections window is displayed, listing all of the connections on the order/project.

36. From the **Options** menu, select **Process Groom**.

Note: You can supplement-cancel grooming orders until this step. After the application has started processing the data from the workspace, you cannot cancel the order. You can process small projects on the client machine. Oracle recommends that you process larger projects within the Background Processor.

- A confirmation message is displayed.
- 37. Click Yes.

In this scenario, the T3 on this groom project has child T1 circuits riding it. An exception message appears informing the user that the connection IDs have been changed for the child circuits as well.

Stoom Exception			
Project	Circuitid	Exception	Туре
DS3 PORTGROOM	Started by DHOWERTO at 06:03:41 PM on 4/25/2002		
	113 /T1C /BILXMSAT /GLPTMS55K05	This Circuit ID has changed to: 113 /T1C /BILXMSAT /GLPTMS55K03	Informational
	114 /T1C /BILXMSAT /GLPTMS55K05	This Circuit ID has changed to: 114 /T1C /BILXMSAT /GLPTMS55K03	Informational
	115 /T1C /BILXMSAT /GLPTMS55K05	This Circuit ID has changed to: 115 /T1C /BILXMSAT /GLPTMS55K03	Informational
	113 /T1 /FOLYALAR /GLPTMS55K05	This Circuit ID has changed to: 113 /T1 /FOLYALAR /GLPTMS55K03	Informational
	114 /T1 /FOLYALAR /GLPTMS55K05	This Circuit ID has changed to: 114 /T1 /FOLYALAR /GLPTMS55K03	Informational
		<u>D</u> K	<u>Print</u>

38. Click **OK**.

The network groom project is processed.

- **39.** After the groom processing is complete, you must place the connections in **Record Issued** or **DLR Issued** status.
- 40. From the Options menu, select Group Print.

The Print window is displayed.

- **41.** Do one of the following:
 - To issue the connection layout record (CLR) or graphical layout record (GLR), select the **Mark as Record Issued** check box.
 - To issue the design layout report (DLR), select the Mark as DLR Issued check box.
- 42. Click OK.
- **43.** Complete the DLRD (or similar) task.

After completing the DLRD (or similar) task, but before completing the DD task, the port on the K05 equipment will show a **Pending Disconnect** status and the port on the K03 equipment will show a **Pending** status.

avbar Equipment Inventory	
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸	
View 1 - Installed Equipment GLPTMS55	View 2 - Installed Equipment GLPTMS55
NEWTON 6' RELAY RACK 6' RR DSX1	NEWTON 6' RELAY BACK 6' RR DSX1
III NEWTON 6' RELAY RACK 6' RR DSX3	NEWTON 6' RELAY RACK 6' RR DSX3
III NEWTON 6' RELAY RACK 6' RR DTC 00 & 01 (GLPTMS55DS0)	NEWTON 6' RELAY RACK 6' RR DTC 00 & 01 (GLPTMS55DS0)
III NEWTON SUB 6' RELAY RACK 6' RR DACS K01 (GLPTMS55K01)	NEWTON SUB 6' RELAY RACK 6' RR DACS K01 (GLPTMS55K01)
III NEWTON SUB 6' RELAY RACK 6' RR DACS K02 (GLPTMS55K02)	NEWTON SUB 6' RELAY RACK 6' RR DACS K02 (GLPTMS55K02)
NEWTON SUB 6' RELAY RACK 6' RR DACS K03 (GLPTMS55K03)	NEWTON SUB 6' RELAY RACK 6' RR DACS K03 (GLPTMS55K03)
NEWTON SUB 6' RELAY RACK 6' RR DACS K04 (GLPTMS55K04)	01
ILL NEWTON SUB 6' RELAY RACK 6' RR DACS K05 (GLPTMS55K05)	02
	GLET US CI DS3/E3 I/F DS3/E3 SHF SHELF 1 (GLPTMS55K03)
	U3U1 <psu-a></psu-a>
I ⊡-WII U3 ECI DS3/E31/F DS3/E3 SHF SHELF 1 (GLP1MS555K05)	0302 < PSU-B>
0 0302 <psu-b></psu-b>	
↓ The second contract of the second contract	(3 0309 < LSP-A)
	0310 (PSW)
0309 <lsp-a></lsp-a>	0311 (LSP-B)
0310 <psw></psw>	0312 <lsp-c></lsp-c>

44. Complete the DD task.

After completing the DD task, the port on the K05 equipment shows an **Unassigned** status and the port on the K03 equipment shows an **In Service** status.

avbar Equipment Inventory	
File 🗸 Edit 🗸 View 🖌 Options 🖌 Window 🗸	
View 1 - Installed Equipment GLPTMS55	View 2 - Installed Equipment GLPTMS55
🖽 NEWTON 6' RELAY RACK 6' RR DSX1 📃	🔟 NEWTON 6' RELAY RACK 6' RR DSX1 🔼
III NEWTON 6' RELAY RACK 6' RR DSX3	NEWTON 6' RELAY RACK 6' RR DSX3
NEWTON 6' RELAY RACK 6' RR DTC 00 & 01 (GLPTMS55DS0)	NEWTON 6' RELAY RACK 6' RR DTC 00 & 01 (GLPTMS55DS0)
NEWTON SUB 6' RELAY RACK 6' RR DACS K01 (GLPTMS55K01)	NEWTON SUB 6' RELAY RACK 6' RR DACS K01 (GLPTMS55K01)
NEWTON SUB 6' RELAY RACK 6' RR DACS K02 (GLPTMS55K02)	NEWTON SUB 6' RELAY RACK 6' RR DACS K02 (GLPTMS55K02)
NEWTON SUB 6' RELAY RACK 6' RR DACS K03 (GLPTMS55K03)	NEWTON SUB 6' RELAY RACK 6' RR DACS K03 (GLPTMS55K03)
NEWTUN SUB 6' RELAY RACK 6' RR DACS KU4 (GLPTMS55KU4)	
NEWTUN SUB 6'RELAY RACK 6'RE DACS KUS (GLPTMS55KUS)	
	E-III USECI DS3/E37/F DS3/E3 SHF SHELF T (GLPTMS00KU3)
	(0.000 (PSU-A)
0307 (130 A/	0303 (MC047)
0302 (1 30 07	
■ 0304 (AMX-P)	
Example K05-1-A-0 (DS3-Unassigned)	0307 ECI AAMX DS3 I/F
🗇 🖽 0306 ECI AAMX DS3 I/F	0308 ECI AAMX DS31/F
🗄 🎉 K05-1-B-0 (DS3-Unassigned)	0309 <lsp-a></lsp-a>
🖻 町 0307 ECI AAMX DS3 I/F	🐵 0310 <psw></psw>
🗄 😨 K05-1-C-0 (DS3-Unassigned)	🖲 0311 <lsp-b></lsp-b>
📋 🖽 0308 ECI AAMX DS3 I/F	🙆 0312 <lsp-c></lsp-c>
庄 🖓 K05-1-D-0 (DS3-Unassigned)	⊕-101 0313 ECI AAMX DS3 I/F
0309 <lsp-a></lsp-a>	☐ 🛱 🖬 0314 ECI AAMX DS31/F

Scenario 2: Grooming Eight T1 Circuits

This scenario involves grooming eight T1 circuits from one existing T3 facility to another existing T3 facility.

In this scenario, three of the T1s are going from Destin, FL, to the BB2 switch in Gulfport, MS. The other five are going from Fort Walton Beach, FL, to the same BB2 switch in Gulfport. All eight T1s are assigned to channels of a T3 facility from GLPTMS55K04 to GLPTMS55BB2. The BB2 switch will be taken down; therefore, all eight of the T1 circuits will be moved to the BB3 switch from an existing T3 facility from GLPTMS55K04 to GLPTMS55BB3.

Figure 3–3 illustrates this scenario.

Figure 3–3 Grooming a T3 Facility



Figure 3–4 shows the Equipment Inventory views for the GLPTMS55K04 DACS before the groom process. The T1 circuits are assigned to the T3 facility terminating at the BB2 switch. There are no assignments to the T3 facility terminating at the BB3 switch.

Figure 3–4 Connection Hierarchy WIndow Before the Groom Process

than Connection Hierarchy	
File 🗸 Edit 🗸 View 🖌 Options 🗸 Window 🗸	
View 1 - Route and Connection Hierarchy Down	View 2 - Connection Hierarchy Down
¹¹ 50004/T3 /GLPTMS55BB2/GLPTMS55K04 (In Service) ¹¹ 2 (DS1-Unassigned) ¹¹ 2 (DS1-In Service), 101 /T1 /DESTFLST /GLPTMS55BB2 (In Service) ¹¹ 4 (DS1-In Service), 102 /T1 /DESTFLST /GLPTMS55BB2 (In Service) ¹¹ 5 (DS1-Unassigned) ¹¹ 5 (DS1-Unassigned) ¹¹ 6 (DS1-In Service), 101 /T1 /FTWBFLBU /GLPTMS55BB2 (In Service) ¹¹ 6 (DS1-In Service), 101 /T1 /FTWBFLBU /GLPTMS55BB2 (In Service) ¹¹ 7 (DS1-In Service), 102 /T1 /FTWBFLBU /GLPTMS55BB2 (In Service) ¹¹ 9 (DS1-In Service), 103 /T1 /FTWBFLBU /GLPTMS55BB2 (In Service) ¹¹ 9 (DS1-In Service), 103 /T1 /FTWBFLBU /GLPTMS55BB2 (In Service) ¹¹ 9 (DS1-In Service), 105 /T1 /FTWBFLBU /GLPTMS55BB2 (In Service) ¹¹ 10 (DS1-In Service), 105 /T1 /FTWBFLBU /GLPTMS55BB2 (In Service) ¹¹ 10 (DS1-In Service), 105 /T1 /FTWBFLBU /GLPTMS55BB2 (In Service) ¹¹ 10 (DS1-Unassigned)	Image: Source of the second

To groom eight T1 circuits from one existing T3 facility to another existing T3 facility:

- 1. On the navigation bar, select **Inventory Management**, and then click **Network Grooming**.
- 2. Click the Add New link.

The Groom Request Types window is displayed.

- 3. Select Facility.
- 4. Click OK.

The New Groom Facility window is displayed.

- **5.** In the Project Information section, complete the **Groom Name**, **Description**, **Target Due Date**, and **Organization** fields.
- 6. Select the Facility option.
- 7. Click Search.

The Connection Hierarchy Search window is displayed.

- 8. Select the Facility check box.
- **9.** Specify the search criteria for the facility and click **Search**. In this scenario, in the **Identification** field, enter **GLPTMS55BB2**.

The New Groom Facility window is displayed.

- **10.** If more than one facility is retrieved, select the correct facility from the list to be assigned to the groom project.
- 11. Select the Far End or Near End option for the type of groom you want to perform.
- 12. Click Add.

The status of the facility changes to **Pending Groom**.

13. Click **OK**.

All the circuits assigned to the T3 facility added above are displayed in the Network Groom Maintenance view.

vbar Network Groom - FACILITYGROOM						
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸						
Select View Select Search Mode Select Search Mode Select Search Mode Search						
Select Filter Select All Reset Service Type: (None) Crig Location: (None) Term Local						
Connections: 8	Connections: 8					
		· · · ·				
Connection ID	Unassign From Connection ID	Ckt Pos				
Connection ID 101 /T1 /DESTFLST /GLPTMS55BB2	Unassign From Connection ID 50004/T3 /GLPTMS55BB2/GLPTMS55K04	Ckt Pos 2				
Connection ID 101 /T1 /DESTFLST /GLPTMS55BB2 102 /T1 /DESTFLST /GLPTMS55BB2	Unassign From Connection ID 50004/T3 /GLPTMS55BB2/GLPTMS55K04 50004/T3 /GLPTMS55BB2/GLPTMS55K04	Ckt Pos 2 3				
Connection ID 101 /T1 /DESTFLST /GLPTMS55BB2 102 /T1 /DESTFLST /GLPTMS55BB2 103 /T1 /DESTFLST /GLPTMS55BB2	Unassign From Connection ID 50004/T3 /GLPTMS55BB2/GLPTMS55K04 50004/T3 /GLPTMS55BB2/GLPTMS55K04 50004/T3 /GLPTMS55BB2/GLPTMS55K04	Ckt Pos 2 3 4				
Connection ID 101 /T1 /DESTFLST /GLPTMS55BB2 102 /T1 /DESTFLST /GLPTMS55BB2 103 /T1 /DESTFLST /GLPTMS55BB2 101 /T1 /FTWBFLBU /GLPTMS55BB2	Unassign From Connection ID 50004/T3 /GLPTMS55BB2/GLPTMS55K04 50004/T3 /GLPTMS55BB2/GLPTMS55K04 50004/T3 /GLPTMS55BB2/GLPTMS55K04 50004/T3 /GLPTMS55BB2/GLPTMS55K04 50004/T3 /GLPTMS55BB2/GLPTMS55K04	Ckt Pos 2 3 4 6				
Connection ID 101 /T1 /DESTFLST /GLPTMS55BB2 102 /T1 /DESTFLST /GLPTMS55BB2 103 /T1 /DESTFLST /GLPTMS55BB2 101 /T1 /FTWBFLBU /GLPTMS55BB2 102 /T1 /FTWBFLBU /GLPTMS55BB2	Unassign From Connection ID 50004/T3 /GLPTMS55BB2/GLPTMS55K04	Ckt Pos 2 3 4 6 7				
Connection ID 101 /T1 /DESTFLST /GLPTMS55BB2 102 /T1 /DESTFLST /GLPTMS55BB2 103 /T1 /DESTFLST /GLPTMS55BB2 101 /T1 /FTWBFLBU /GLPTMS55BB2 102 /T1 /FTWBFLBU /GLPTMS55BB2 103 /T1 /FTWBFLBU /GLPTMS55BB2 103 /T1 /FTWBFLBU /GLPTMS55BB2	Unassign From Connection ID 50004/T3 /GLPTMS55BB2/GLPTMS55K04	Ckt Pos 2 3 4 6 7 8				
Connection ID 101 /T1 /DESTFLST /GLPTMS55BB2 102 /T1 /DESTFLST /GLPTMS55BB2 103 /T1 /DESTFLST /GLPTMS55BB2 101 /T1 /FTWBFLBU /GLPTMS55BB2 102 /T1 /FTWBFLBU /GLPTMS55BB2 103 /T1 /FTWBFLBU /GLPTMS55BB2 103 /T1 /FTWBFLBU /GLPTMS55BB2 104 /T1 /FTWBFLBU /GLPTMS55BB2	Unassign From Connection ID 50004/T3 /GLPTMS55BB2/GLPTMS55K04	Ckt Pos 2 3 4 6 7 8 9				
Connection ID 101 /T1 /DESTFLST /GLPTMS558B2 102 /T1 /DESTFLST /GLPTMS558B2 103 /T1 /DESTFLST /GLPTMS558B2 101 /T1 /FTWBFLBU /GLPTMS558B2 102 /T1 /FTWBFLBU /GLPTMS558B2 103 /T1 /FTWBFLBU /GLPTMS558B2 103 /T1 /FTWBFLBU /GLPTMS558B2 103 /T1 /FTWBFLBU /GLPTMS558B2 103 /T1 /FTWBFLBU /GLPTMS558B2 104 /T1 /FTWBFLBU /GLPTMS55B2 105 /T1 /FTWBFLBU /GLPTMS55B2	Unassign From Connection ID 50004/T3 /GLPTMS55BB2/GLPTMS55K04 50004/T3 /GLPTMS55B82/GLPTMS55K04	Ckt Pos 2 3 4 6 7 8 9 9 10				

14. Select the Facility option.

15. Click Search.

The Connection Hierarchy Search window is displayed.

- **16.** Select the **Facility** check box.
- **17.** Specify the search criteria and click **Search** to retrieve the T3 facility. In this scenario, in the **Identification** field, enter **GLPTMS55BB3**.

If all T1s are selected in the list view on the left, and channel 2 of the T3 is selected in the hierarchical view on the right, all eight T1s would be assigned consecutively to channels 2 through 9. In this scenario, the T1s from Destin will be groomed to channels 2 through 4, and the T1s from Fort Walton Beach will be groomed to channels 6 through 10; this must be done in two steps.

18. In the list view, select the T1s that should be groomed. In the hierarchical view, select the first channel on the facility, and then right-click and select **Groom To**.

vbar Network Groom - FACILITYGROOM		
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸		
Select View Select Search Mode G Maintenance C Current Equipment	Facility Search	
Select Filter Select All Reset Service Type: (None)	Orig Location: (None)	Term Location: (None)
101 /T1 /DESTFLST /GLPTMS558B2 102 /T1 /DESTFLST /GLPTMS558B2 103 /T1 /DESTFLST /GLPTMS558B2 103 /T1 /FTWBFLBU /GLPTMS558B2 102 /T1 /FTWBFLBU /GLPTMS558B2 103 /T1 /FTWBFLBU /GLPTMS558B2 103 /T1 /FTWBFLBU /GLPTMS558B2 104 /T1 /FTWBFLBU /GLPTMS558B2 105 /T1 /FTWBFLBU /GLPTMS558B2 105 /T1 /FTWBFLBU /GLPTMS558B2	50004/T3 /GLPTMSE 5000	Navigate Query Condition Codes Equip Facility Groom To Print View

The Destin T1s are in **Pending Groom** status on channels 2 through 4 in the hierarchical view.

19. Select the five Fort Walton Beach T1s in the list view, select channel 6 of the facility in the hierarchical view, right-click and select **Groom To** to groom these five T1s to channels 6 through 10.

vbar Network Groom - FACILITYGROOM				
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸				
Select View Select Search Mode				
Maintenance C Current C Equipment C Facility				
Select Filter				
Select All Reset Service Type: (None)	Orig Location: 🚺	lone) Term Location: (None)		
Connections: 8		View 1 - Route and Connection Hierarchy Down		
Connection ID	Unassign From Conr	50002/T3 /GLPTMS55BB3/GLPTMS55K04 (In Service)		
101 /T1 /DESTFLST /GLPTMS55BB2	50004/T3 /GLPTMS5	inge ∈ 1 (DS1-Unassigned)		
101 /T1 /DESTFLST /GLPTMS55BB2	50004/T3 /GLPTMS5	Begin and the second s		
101 /T1 /DESTFLST /GLPTMS55BB2	50004/T3 /GLPTMS5	a (DS1-Unassigned), 102 /T1 /DESTFLST /GLPTMS55BB2 (Pending Groom)		
101 /T1 /FTWBFLBU /GLPTMS55BB2	50004/T3 /GLPTMS5	a log for the state of the sta		
101 /T1 /FTWBFLBU /GLPTMS55BB2	50004/T3 /GLPTMS5	inge ∈ 5 (DS1-Unassigned)		
101 /T1 /FTWBFLBU /GLPTMS55BB2	50004/T3 /GLPTMS5	6 (DS1-Unassigned).		
101 /T1 /FTWBFLBU /GLPTMS55BB2	50004/T3 /GLPTMS5	📷 🗧 7 (DS1-Unassign) Navigate 🕨		
101 /T1 /FTWBFLBU /GLPTMS55BB2	50004/T3 /GLPTMS5	B (DS1-Unassign		
		a g (DS1-Unassign Query		
		Beg 10 (DS1-Unassign Condition Codes		
		ar an		
		arge = 12 (DS1-Unassigner Equip Facility		
		arge = 13 (DS1-Unassig Groom To		
		are 15 (DS1-Unassign Print		
		re 16 (DS1-Unassig		
		se 17 (DS1-Unassign View ►		
		are 18 (DS1-Unassigned)		

Check marks appear beside all the eight T1 circuits.

vbar Network Groom - FACILITYGROOM					
File - Edit - View - Options - Window -					
Select View Select Search Mode					
Maintenance O Current O Equipment	Facility Search				
Select Filter	Quist services (Olana)				
Select All J Reset Service Type. [[None]					
Connections: 8	View 1 - Route and Connection Hierarchy Down				
Connection ID	Unassign From Conr 🔛 50002/T3 /GLPTMS55BB3/GLPTMS55K04 (In Service)				
101 /T1 /DESTFLST /GLPTMS55BB2	50004/T3 /GLPTMSE 🔤 🗐 (DS1-Unassigned)				
✓ 102 /T1 /DESTFLST /GLPTMS55BB2	50004/T3 /GLPTMS5 2 (DS1-Unassigned), 101 /T1 /DESTFLST /GLPTMS55BB2 (Pending Groom)				
103 /T1 /DESTFLST /GLPTMS55BB2	50004/T3 /GLPTMS5 - GLPTMS5 - GLPTMS55BB2 (Pending Groom)				
101 /T1 /FTWBFLBU /GLPTMS55BB2	50004/T3 /GLPTMS5 4 (DS1-Unassigned), 103 /T1 /DESTFLST /GLPTMS55BB2 (Pending Groom)				
102 /T1 /FTWBFLBU /GLPTMS55BB2	50004/T3 /GLPTMS5 5(DS1-Unassigned)				
103 /T1 /FTWBFLBU /GLPTMS55BB2	50004/T3 /GLPTMS5 6 (DS1-Unassigned), 101 /T1 /FTWBFLBU /GLPTMS55BB2 (Pending Groom)				
104 /T1 /FTWBFLBU /GLPTMS55BB2	50004/T3 /GLPTMS5 7 (DS1-Unassigned), 102 /T1 /FTWBFLBU /GLPTMS55BB2 (Pending Groom)				
105 /T1 /FTWBFLBU /GLPTMS55BB2	50004/T3 /GLPTMSE 6 (DS1-Unassigned), 103 /T1 /FTWBFLBU /GLPTMS55BB2 (Pending Groom)				
	9 (DS1-Unassigned), 104 /T1 /FTWBFLBU /GLPTMS55BB2 (Pending Groom)				
	→ → ∈ 10 (DS1-Unassigned), 105 /T1 /FTWBFLBU /GLPTMS55BB2 (Pending Groom)				
	a [11 (DS1-Unassigned)				

20. If this groom project is not due for another 3 or 4 weeks, you must reserve these channels on the T3 facility in the hierarchical view. To reserve the channels, click the **Reservations** icon (red box with an "x" at the bottom of the window).

vbar Network Groom - FACILITYGROOM	I					
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸						
Select View						
	G Fautha Sauth					
Select All Reset Service Type: (None)	Orig Location: (None) Term Location: (None)					
Connections: 8	View 1 - Route and Connection Hierarchy Down					
Connection ID	Unassign From Conr 🔛 50002/T3 /GLPTMS55BB3/GLPTMS55K04 (In Ser					
101 /T1 /DESTFLST /GLPTMS55BB2	50004/T3 /GLPTMS5 🔤 🗐 (DS1-Unassigned)					
102 /T1 /DESTFLST /GLPTMS55BB2	50004/T3 /GLPTMSE 📲 📲 2 (DS1-Unassigned), 101 /T1 /DESTFLST /G					
103 /T1 /DESTFLST /GLPTMS55BB2	50004/T3 /GLPTMS5 📲 🖶 3 (DS1-Unassigned), 102 /T1 /DESTFLST /G					
101 /T1 /FTWBFLBU /GLPTMS55BB2	50004/T3 /GLPTMS5 → Be 4 (DS1-Unassigned), 103 /T1 /DESTFLST /G					
102 /T1 /FTWBFLBU /GLPTMS55BB2	50004/T3 /GLPTMS5 5 (DS1-Unassigned)					
103 /T1 /FTWBFLBU /GLPTMS55BB2	50004/T3 /GLPTMS5 6 (DS1-Unassigned), 101 /T1 /FTWBFLBU /G					
104 /11 /FTWBFLBU /GLPTMS55882	50004/13 /GLPTMS5 ∋€ 7 (DS1-Unassigned), 102 /T1 /FTWBFLBU /G					
V TUS /TT /FTWBFLBU /GLPTMSSSBB2						
	ingeneration and the second s					
	📄 🔤 📾 (DS1-Unassigned), 105 /T1 /FTWBFLBU /					
	🚽 🔤 📾 🛛 🕞 🕞 🕞 🖉					
	i interest in the second se					
	_{'≇ ∈} 13 (DS1-Unassigned)					
	intersection and the second s					
	i instantia ins					
	🚽 🔤 📾 🛛 🕞 🕞 🖉					
	🚽 🔤 🚛 17 (DS1-Unassigned)					
	ing ∈ 18 (DS1-Unassigned)					
	ing ∈ 19 (DS1-Unassigned)					
	i international and the second secon					
	a construction and the second					
	🛛 🖙 🙀 23 (DS1-Unassigned)					
	a construction and the second					
	= 25 (DS1-Unassigned)					
E E E E E E E E E E E E E E E E E E E	= 26 (DS1-Unassigned)					
	► 27 (DS1. Unessigned)					

Note: If you do not reserve the channels (or ports), reservations are not made until the ISR is created.

21. Select the **Current** button on the Select View section to view more details of the groom project.

vbar	N	etwork Gro	om - FACILITY	GROOM						
File 🚽	🗸 Edit 🗸	View 🗸 🛛 Opt	ions 🗸 🛛 Window 🗸							
Sele	ect View		Select Se	earch Mode						
0	Maintenano	e 🖲 Curr	ent C Equ	ipment 💽 Facili	ty Search					
Sele	ect Filter —									
Sele	ect All 🔲	Reset	Service Type: (No	one) 🔽	Orig Location: (None)	-	Term Loc	ation: (None)	•	
Conne	ections: 8									
	Connect	ion ID								
1				Unassign From	Connection ID	Ckt Pos	Current /Unass	ign F Assign 1	o Connection ID	Ckt Pa
	101 /T1	/DESTFLST .	GLPTMS55BB2	Unassign From 50004/T3 /GLP1	Connection ID IMS55BB2/GLPTMS55K04	Ckt Pos 2	Current /Unass	ign F Assign T 50002/T3	o Connection ID /GLPTMS55BB3/GLPTMS55K04	Ckt Pa 2
1	101 /T1 102 /T1	/DESTFLST . /DESTFLST .	/GLPTMS55BB2 /GLPTMS55BB2	Unassign From 50004/T3 /GLP1 50004/T3 /GLP1	Connection ID MS55BB2/GLPTMS55K04 MS55BB2/GLPTMS55K04	Ckt Pos 2 3	Current /Unass	ign F Assign T 50002/T3 50002/T3	o Connection ID /GLPTMS558B3/GLPTMS55K04 /GLPTMS558B3/GLPTMS55K04	Ckt Pa 2 3
 ✓ ✓ 	101 /T1 102 /T1 103 /T1	/DESTFLST . /DESTFLST . /DESTFLST .	/GLPTMS55BB2 /GLPTMS55BB2 /GLPTMS55BB2	Unassign From 50004/T3 /GLP1 50004/T3 /GLP1 50004/T3 /GLP1	Connection ID IMS55BB2/GLPTMS55K04 IMS55BB2/GLPTMS55K04 IMS55BB2/GLPTMS55K04	Ckt Pos 2 3 4	Current /Unass	ign F Assign 1 50002/T3 50002/T3 50002/T3	OConnection ID /GLPTMS558B3/GLPTMS55K04 /GLPTMS55BB3/GLPTMS55K04 /GLPTMS55BB3/GLPTMS55K04	Ckt Po 2 3 4
/ / /	101 /T1 102 /T1 103 /T1 101 /T1	/DESTFLST . /DESTFLST . /DESTFLST . /FTWBFLBU	/GLPTMS55BB2 /GLPTMS55BB2 /GLPTMS55BB2 /GLPTMS55BB2	Unassign From 50004/T3 /GLP1 50004/T3 /GLP1 50004/T3 /GLP1 50004/T3 /GLP1	Connection ID IMS55BB2/GLPTMS55K04 IMS55BB2/GLPTMS55K04 IMS55BB2/GLPTMS55K04 IMS55BB2/GLPTMS55K04	2 2 3 4 6	Current <i>s</i> Unass	ign F Assign 1 50002/T3 50002/T3 50002/T3 50002/T3	o Connection ID /GLPTMS55BB3/GLPTMS55K04 /GLPTMS55BB3/GLPTMS55K04 /GLPTMS55BB3/GLPTMS55K04 /GLPTMS55BB3/GLPTMS55K04	2 2 3 4 6
1 1 1 1	101 /T1 102 /T1 103 /T1 101 /T1 102 /T1	/DESTFLST . /DESTFLST . /DESTFLST . /FTWBFLBU /FTWBFLBU	/GLPTMS55BB2 /GLPTMS55BB2 /GLPTMS55BB2 /GLPTMS55BB2 /GLPTMS55BB2 /GLPTMS55BB2	Unassign From 50004/T3 /GLP1 50004/T3 /GLP1 50004/T3 /GLP1 50004/T3 /GLP1 50004/T3 /GLP1	Connection ID IMS55BB2/GLPTMS55K04 IMS55BB2/GLPTMS55K04 IMS55BB2/GLPTMS55K04 IMS55BB2/GLPTMS55K04	Ckt Pos 2 3 4 6 7	Current 1 <mark>Unass</mark>	ign F Assign 1 50002/T3 50002/T3 50002/T3 50002/T3 50002/T3	O Connection ID /GLPTMS558B3/GLPTMS55K04 /GLPTMS558B3/GLPTMS55K04 /GLPTMS558B3/GLPTMS55K04 /GLPTMS558B3/GLPTMS55K04 /GLPTMS558B3/GLPTMS55K04	Ckt Po 2 3 4 6 7
	101 /T1 102 /T1 103 /T1 101 /T1 102 /T1 103 /T1	/DESTFLST /DESTFLST /DESTFLST /FTWBFLBU /FTWBFLBU /FTWBFLBU	/GLPTMS558B2 /GLPTMS558B2 /GLPTMS558B2 /GLPTMS558B2 /GLPTMS558B2 /GLPTMS558B2	Unassign From 50004/T3 /GLP1 50004/T3 /GLP1 50004/T3 /GLP1 50004/T3 /GLP1 50004/T3 /GLP1 50004/T3 /GLP1	Connection ID IMS55B82/GLPTMS55K04 IMS55B82/GLPTMS55K04 IMS55B82/GLPTMS55K04 IMS55B82/GLPTMS55K04 IMS55B82/GLPTMS55K04	Ckt Pos 2 3 4 6 7 8	Current /Unass	ign F Assign 1 50002/T3 50002/T3 50002/T3 50002/T3 50002/T3 50002/T3	O Connection ID /GLPTMS555883/GLPTMS55K04 /GLPTMS55883/GLPTMS55K04 /GLPTMS55883/GLPTMS55K04 /GLPTMS55883/GLPTMS55K04 /GLPTMS55883/GLPTMS55K04	Ckt Po 2 3 4 6 7 8
	101 /T1 102 /T1 103 /T1 101 /T1 102 /T1 103 /T1 104 /T1	/DESTFLST . /DESTFLST . /DESTFLST . /FTWBFLBU /FTWBFLBU /FTWBFLBU /FTWBFLBU	/GLPTMS558B2 /GLPTMS558B2 /GLPTMS558B2 /GLPTMS558B2 /GLPTMS558B2 /GLPTMS558B2 /GLPTMS558B2	Unassign From 50004/T3 /GLP1 50004/T3 /GLP1 50004/T3 /GLP1 50004/T3 /GLP1 50004/T3 /GLP1 50004/T3 /GLP1 50004/T3 /GLP1	Connection ID IMS55BB2/GLPTMS55K04 IMS55BB2/GLPTMS55K04 IMS55BB2/GLPTMS55K04 IMS55BB2/GLPTMS55K04 IMS55BB2/GLPTMS55K04 IMS55BB2/GLPTMS55K04	Ckt Pos 2 3 4 6 7 8 8 9	Current /Unass	ign F Assign 1 50002/T3 50002/T3 50002/T3 50002/T3 50002/T3 50002/T3 50002/T3	O Connection ID /GLPTMS558B3/GLPTMS55K04 /GLPTMS558B3/GLPTMS55K04 /GLPTMS558B3/GLPTMS55K04 /GLPTMS558B3/GLPTMS55K04 /GLPTMS558B3/GLPTMS55K04 /GLPTMS558B3/GLPTMS55K04	Ckt Po 2 3 4 6 7 8 9

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22. Scroll to the right to view the **New Connection ID**, **CLF Designator**, **Orig Location**, and **Term Location** fields in the current view.

vbar Network Groom - FACILITYG	ROOM		
File ← Edit ← View ← Options ← Window ←			
Select View	rch Mode		
C Maintenance Current C Equip	ment		
Select Filter			
Select All 🔲 Reset Service Type: [[Non	e) 🔽 Orig Location: (None) 👤	Term Location: (None)	
Connections: 8			
quip Assign To Connection ID	Ckt Pos A New Connection ID	CLF Desic Orig Location	Term Location Service Type
50002/T3 /GLPTMS55BB3/GLPTMS55K04	2 101 /T1 /DESTFLST /GLPTMS55BB3	101 DESTFLST	GLPTMS55BB3 T1
50002/T3 /GLPTMS55BB3/GLPTMS55K04	3 102 /T1 /DESTFLST /GLPTMS55BB3	102 DESTFLST	GLPTMS55BB3 T1
50002/T3 /GLPTMS55BB3/GLPTMS55K04	4 103 /T1 /DESTFLST /GLPTMS55BB3	103 DESTFLST	GLPTMS55BB3 T1
50002/T3 /GLPTMS55BB3/GLPTMS55K04	6 101 /T1 /FTWBFLBU /GLPTMS55BB3	101 FTWBFLBU	GLPTMS55BB3 T1
50002/T3 /GLPTMS55BB3/GLPTMS55K04	7 102 /T1 /FTWBFLBU /GLPTMS55BB3	102 FTWBFLBU	GLPTMS558B3
50002/13 /GLPTMS558B3/GLPTMS55K04	8 103 /T1 /FTWBFLBU /GLPTMS55BB3	103 FTWBFLBU	GLPTMS55BB3 T1
50002/13 /GLPTMS558B3/GLPTMS55K04 50002/T3 /GLPTMS558B3/GLPTMS55K04	8 103 /T1 /FTWBFLBU /GLPTMS55BB3 9 104 /T1 /FTWBFLBU /GLPTMS55BB3	103 FTWBFLBU 104 FTWBFLBU	GLPTMS558B3 T1 GLPTMS558B3 T1

The Term Location changed from GLPTMS55BB2 to GLPTMS55BB3 automatically. Also, the CLF Designator in this example is correct (it will not change as a result of this groom). Check the information appearing in the **New Connection ID** column to verify that the entries accurately reflect the desired connection IDs. In this case, the new connection IDs are correct and need no modification.

You have now finished all the design changes. You must validate the project to verify that the assignments are valid. Validation takes place within the **Groom To** action, but because all network grooming projects are self-contained workspaces and may be built and worked over a long time frame, the inventory could have changed since the data was initially loaded into the workspace.

- 23. From the Options menu, select Validate.
- 24. From the File menu, select Save.
- **25.** Close the Network Groom Maintenance window and return to the Network Groom Search window.
- **26.** If your project is not already listed, click **Modify Search**.
- **27.** Specify the name of the groom in the **Groom Name** field and click **Search**.

The network groom is displayed in the Network Groom Search window.

To process the design changes completed within the Network Grooming workspace, create an order.

28. Select the groom project and, from the **Options** menu, select **Create EWO** or **Create ISR**.

This automatically generates the grooming order and pre-populates it with all of the connections contained within the selected grooming projects. The ISR or EWO opens in read-only view because the information is retrieved from the saved groom and adding or removing connections from the order is not allowed. In addition, all network grooming projects associated to an open order are also read-only because modifying the workspace will invalidate the order. To make changes to the grooming workspace, you must supplement-cancel the order to place the project back in **Created** status.

- **29.** Depending on the type of order you create, do one of the following:
 - For an EWO order:
 - a. Under Related Pages, click Manage Tasks.

- b. Under Actions, click Assign Tasks.
- For an ISR order:
 - a. From the Options menu, select Task Generations/Maintenance.
- **30.** Select a provisioning plan containing the DLRD (or similar) task and DD task at a minimum and assign the tasks to the appropriate work queues and click **OK**.
- **31.** Complete the task preceding the DLRD (or similar) task.
- **32.** Double-click the DLRD (or similar) task.

The Service Request Connections window is displayed, listing all of the connections on the order/project.

33. From the Options menu, select Process Groom.

Note: You can supplement-cancel grooming orders until this step. After the application has started processing the data from the workspace, you cannot cancel the order. You can process small projects on the client machine. Oracle recommends that you process larger projects within the Background Processor.

A confirmation message is displayed.

34. Click Yes.

The network groom project is processed.

- **35.** After the groom processing is complete, you must place the connections in **Record Issued** or **DLR Issued** status.
- 36. From the Options menu, select Group Print.

The Print window is displayed.

- **37.** Do one of the following:
 - To issue the connection layout record (CLR) or graphical layout record (GLR), select the **Mark as Record Issued** check box.
 - To issue the design layout report (DLR), select the Mark as DLR Issued check box.
- **38.** Click **OK**.
- **39.** Complete the DLRD (or similar) task.

After completing the DLRD (or similar) task, but before completing the DD task, the T1 circuits on the T3 facility to the BB2 switch show a **Pending Disconnect** status and the T1 circuits on the T3 facility to the BB3 switch show a **Pending** status.

bar Connection Hierarchy	
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸	
View 1 - Route and Connection Hierarchy Down	View 2 - Route and Connection Hierarchy Down
50004/T3 /GLPTMS55BB2/GLPTMS55K04 (In Service)	50002/T3 /GLPTMS55BB3/GLPTMS55K04 (In Service)
regie 1 (DS1-Unassigned)	arge 1 (DS1-Unassigned)
2 (DS1-Pending Disconnect 5/10/2002 Order FACILITYGROUM), 101 /11 /DESTFLST /GL	E 2 (DS1-Pending 5/10/2002 Order FACILITYGROUM), 101 /11 /DESTFLST /GLPTMS558B:
3 (DS1-Pending Disconnect 5/10/2002 Order FACILITYGROUM), 102 /11 /DESTFLS1 /GL	E Gost Pending 5/10/2002 Urder FACILITYGROUM), 102 /11 /DESTFLST /GLPTMS558B: E Store and a store and store and a store
4 (DST-Pending Disconnect 5/10/2002 Order FAUILITYGROUM), 103 /11 /DESTFEST /GE	4 (DST-Pending 5/10/2002 Order FACILITY GROUM), T03 /TT /DESTFLST /GLPTMS5568.
G C (DST-Unassigned)	The state of the
Contraction of the second state of the se	I III - E (UST-Fending 5/10/2002 Order FACILITYCROOM), 101 /11 /FTWBFLBU /GLPTMS535BB W 7 (DC1 Densing 5/10/2002 Order FACILITYCROOM) 102 /T1 /CTV/RELDU /CLPTMC555DD
COST-Ferraing Disconnect 3/10/2002 Order FACILITYGE00M), 102 /11 /FTWBFLB0 /01	I III → Z / [DS1-Fending 5/10/2002 Older FACILITIANOUM], 102 /T1 /FTWBFLBU /GLFTMS5566
G DST-Ferding Disconnect 5/10/2002 Order FACILITYGROOM), 103 /11 /FTWBFEB0 / 41	Contraction of the second
The second	Le Le 10 (DS1-Pending 5/10/2002 Older ACIELTTANOOM), 104 711 71 WOLEDO 74ELTM35556
The state of the s	
ge 12 (DS1-Unassigned)	
ac 13 (DS1-Unassigned)	ac 13 (DS1-Unassigned)
r (DS1-Unassigned)	a ⊂ 14 (DS1-Unassigned)
[15 (DS1-Unassigned)	a ⊨ 15 (DS1-Unassigned)
= 16 (DS1-Unassigned)	are □ 16 (DS1-Unassigned)
	⇒ _{≇ ⊂} 17 (DS1-Unassigned)
_{38 ∈} 18 (DS1-Unassigned)	_{≇ ∈} 18 (DS1-Unassigned)
_{≇ ∈} 19 (DS1-Unassigned)	_{≇ ∈} 19 (DS1-Unassigned)
_{≇ ∈} 20 (DS1-Unassigned)	
_{38 ∈} 21 (DS1-Unassigned)	_{38 ∈} 21 (DS1-Unassigned)

40. Complete the DD task.

After completing the DD task, the T1 circuits on the T3 facility to the BB2 switch show an **Unassigned** status and the T1 circuits on the T3 facility to the BB3 switch show an **In Service** status.

bar Connection Hierarchy	
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸	
View 1 - Route and Connection Hierarchy Down	View 2 - Route and Connection Hierarchy Down
² 50004/T3 /GLPTMS555B2/GLPTMS55K04 (in Service) ² ≈ 1 (DS1-Unassigned) ² ≈ 2 (DS1-Unassigned) ² ≈ 3 (DS1-Unassigned) ² ≈ 4 (DS1-Unassigned) ² ≈ 5 (DS1-Unassigned) ² ≈ 6 (DS1-Unassigned) ² ≈ 6 (DS1-Unassigned) ² ≈ 6 (DS1-Unassigned) ² ≈ 7 (DS1-Unassigned) ² ≈ 7 (DS1-Unassigned) ² ≈ 7 (DS1-Unassigned) ² ≈ 9 (DS1-Unassigned) ² ≈ 9 (DS1-Unassigned) ² ≈ 10 (DS1-Unassigned) ² ≈ 11 (DS1-Unassigned) ² ≈ 12 (DS1-Unassigned) ² ≈ 12 (DS1-Unassigned) ² ≈ 12 (DS1-Unassigned) ² ≈ 13 (DS1-Unassigned) ² ≈ 14 (DS1-Unassigned) ² ≈ 15 (DS1-Unassigned) ² ≈ 16 (DS1-Unassigned) ² ≈ 17 (DS1-Unassigned) ² ≈ 17 (DS1-Unassigned) ² ≈ 2 10 (DS1-Unassigned) ² ≈ 2 2 (DS1-Unassigned) ² ≈ 2 2 (DS1-Unassigned) ² ≈ 2 2 (DS1-Unassigned) ² ≈ 2 3 (DS1-Unassigned) ² ≈ 2 3 (DS1-Unassigned) ² ≈ 2 4 (DS1-Unassigned) ² ≈ 2 3 (DS1-Unassigned) ² ≈ 2 4 (DS1-Unassigned) ² ≈ 2 4 (DS1-Unassigned) ² ≈ 2 4 (DS1-Unassigned) ² ≈ 2 3 (DS1-Unassigned) ² ≈ 2 2 (DS1-Unassigned) ² ≈ 2 2 (DS1-Unassigned) ² ≈ 2	<pre>50002/T3 /GLPTMS558B3/GLPTMS55K04 (In Service)</pre>

Scenario 3: Grooming Multiple T1 Equipment Port Assignments

This scenario demonstrates how multiple equipment port assignments can be groomed on the same project. In this scenario, four T1 circuits will be unassigned from the GLPTMS55DS0 switch in Gulfport and assigned to the BILXMSEDDS0 switch in Biloxi. These circuits are in CLS format; therefore, the connection IDs do not change as a result of the groom.

Figure 3–5 illustrates this scenario.




To groom a T1 equipment port assignments from one switch to another switch:

- 1. On the navigation bar, select **Inventory Management**, and then click **Network Grooming**.
- 2. Click the Add New link.

The Groom Request Types window is displayed.

- 3. Select Equipment.
- 4. Click OK.

The New Groom Equipment window is displayed.

- 5. In the Project Information section, complete the Groom Name, Description, Target Due Date, and Organization fields.
- 6. Select the Equipment option.
- 7. In the **Network Location** field, do one of the following:
 - Enter the 11-byte CLLI (for example, GLPTMS55DS0) and click **Search** to retrieve the installed equipment associated to the DS0 DACS.
 - Enter the 8-byte CLLI (for example, GLPTMS55) and click Search to retrieve all installed equipment in the GLPTMS55 building.
- **8.** Expand the higher-level equipment until a check box for the port is displayed in the hierarchical view. Select the check box beside the DS3 port (or card) to be included in this groom project and click **OK**.

🧇 New Groom Eq	uipmen	t				? 🛛
Please enter the source	Please enter the source location of the equipment you would like to groom.					
- Project Information- Groom Name: ML Description: T1	JLTT1PO switch po	RTS orts - GLPT to BLXI	Target Due Date: Organization:	5/10/2002 DENVER		•
- Select Query Mode						
⊙ Equipment O	Facility	Network Location: Location:	GLPTMS55DS0 GULFPORT		<u> </u>	Query
View 1 - Installed Equip	oment GLF	PTMS55DS0				
Image: NewTon 6' ReL4 Image: One of the second s	AY BACK IT6×0223 IORTEL N I-16 (DS1- I-17 (DS1-I-17 (DS1- I-17 (DS1-I-17 (DS1- I-17 (DS1-I-17 (DS1-I-	6' RR DTC 00 & 01 (G * DTC SH* DTC 00 DT IT6×50AB* DTC CARD In Service), 50/HC/00 In Service), 50/HC/00 In Service), 50/HC/00 In Service), 50/HC/00 ×50AB* DTC CARD* ×50AB* DTC CARD* ×50AB* DTC CARD* ×50AB* DTC CARD* 0ULE> 0ULE> 0ULE> 0ULE> 0ULE> 0ULE> 0ULE> 0ULE>	LPTMS55DS0) A 00 (GLPTMS55D)*)7100/ /ITCD/ (Ir)7105/ /ITCD/ (Ir)7110/ /ITCD/ (Ir)7120/ /ITCD/ (Ir	i0) Service) Service) Service) Service)		
C Far End 💿 N	lear End		Remove	Add	ОК	Cancel

9. Click Add.

Note: If you want to add ports from multiple locations, click the **Add** button instead of the **OK** button to add the selected ports to the groom project without proceeding to the next screen.

For this scenario, GLPTMS55DS0 is the only location from which you want to add ports, so you can click the **OK** button instead of the **Add** button. The **Add** button is used for facility grooms and for multiple network location grooms.

10. Click **OK**.

The T1 equipment assignments to be groomed now appear on the left in the list view of the Network Groom Maintenance window.

- 11. In the Network Groom Maintenance window, select the Equipment option.
- 12. Click Search.

The Equipment Inventory Search window is displayed.

13. In the Network Location field, enter BILXMSEDDS0.

14. Click Search.

For this scenario, the equipment associated to BILXMSEDDS0 is displayed. Expand the equipment until you locate the appropriate port.

- **15.** Select the check box beside the port you want included in this groom project and click **OK**.
- **16.** On the equipment in the list view, select the port assignment that you want included in the groom.

Note: The connections that are not selected during the groom are disconnected. To exclude connections from the groom and leave them connected, delete them from the list.

17. On the equipment in the hierarchical view, right-click the port under the BILXMSEDDS0 switch and select **Groom To**.

vbar Network Groom - MULTT1PORTS	
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸	
Select View	
R Maintenance O Current R Equipment	O Eacility Search
sy Maintenance () Current () () Equipment	Stracincy
Select Filter	
Select All Reset Service Type: (None)	Orig Location: (None)
Connections: 4	View 1 - Installed Equipment BILXMSED
Connection ID	III NEWTON 6' RELAY RACK 6' RR DTC 00 & 01 (BILXMSEDDS0)
50/HC/007110/ /ITCD/	••••• • 01
50/HC/007110/ /ITCD/	🚊 🛄 02 NORTEL NT6X0223* DTC SH* DTC 00 DTA 00 (BILXMSEDDS0)
50/HC/007110/ /ITCD/	DE 10201 NORTEL NT6X50AB* DTC CARD*
50/HC/007110/ /ITCD/	🕒 😹 🗧 00-16 (DS1-Unassigne 🗗
	⊡ ::::::::::::::::::::::::::::::::::::
	Ouerv
	🕀 😹 🗧 00-12 (DS1-Unassigne
	🔃 😹 🖥 00-13 (DS1-Unassigne Search
	O203 NORTEL NT6X50AB Groom To
	0206 <filler module=""></filler>
	O207 <filler module=""> IP Address</filler>
	O208 <filler module=""> Unassign IP Address</filler>
	0209 <filler mudule=""> Print Print</filler>
	Wiew

A notification message is displayed informing you that there were not enough compatible positions available to assign all of the selected circuits. The message prompts you to select another destination for the remaining assignments.

This is because four assignments were highlighted in the list view on the left (indicating they will be groomed to sequential ports), and the port selected in the hierarchical view on the right is on a card with only two ports.

- 18. Click OK.
- **19.** The first two ports in the list view are groomed only to two ports on the card selected in the previous step. The two remaining two ports will still be highlighted in the list view on the left. To groom these ports sequentially following the other

two ports, select the next card in the hierarchical view, right-click and select **Groom To**.

vbar Network Groom - MULT <u>T1PORTS</u>	
File - Edit - View - Options - Window -	
Select View Select Search Mode O Current O Equipment	C Facility Search
Select Filter Select All Reset Service Type: (None)	Orig Location: (None)
Connections: 4	View 1 - Installed Equipment BILXMSED
Connection ID	NEWTON 6' RELAY RACK 6' RR DTC 00 & 01 (BILXMSEDDS0)
▼ 50/HC-/007110/ /ITCD/ 50/HC-/007110/ /ITCD/ 50/HC-/007110/ /ITCD/ 50/HC-/007110/ /ITCD/	Image: Constraint of the second se
	O212 <unified <continuity="" <time="" detec="" o213="" o214="" processo="" switch=""> O215 <global detector=""> O216 <filler module=""></filler></global></unified>

In the list view, red icons appear beside the ports indicating that the **Reservations** icon was selected for these ports.

vbar Network Groom - MULTT1PORTS		
File ← Edit ← View ← Options ← Window ←		
Select View Select Search Mode O Current Equipment	Facility	
Select Filter Select All Reset Service Type: (None)	Orig Location: (None)	
Connections: 4	View 1 - Installed Equipment BILXMSED	
Connection ID III NEWTON 6' RELAY RACK 6' RR DTC 00 & 01 (BILXMSEDDS0)		
🖌 🚾 50/HC/007110/ //TCD/	• • • • • • • • • • • • • • • • • • •	
✓ 🖾 50/HC/007110/ /ITCD/	02 NORTEL NT6X0223* DTC SH* DTC 00 DTA 00 (BILXMSEDDS0)	
✓ 🖾 50/HC-/007110/ /ITCD/	□ III 0201 NORTEL NT6×50AB* DTC CARD*	
✓ ▲ 50/HC-/00/110/ /ITCD/	⊞	
	⊞	
	COURTEL NT6X50AB* DTC CARD*	
	E conta (Dont 2 (DST-Unassigned), 50/HL-/00/100/ /TLD/ (Pending Groom)	
U		

20. To view more details of this groom, select the **Current** option in the Select View section in the top left corner of the screen.

The **Orig Location** column is automatically changed to BILXMSED, which is the network location for Biloxi, the terminating site.

vhar Network Groom	- MULTTIPORTS					
File 🗸 Edit 🗸 View 🗸 Options 🕇	🗸 Window 🗸					
Select View	Select Search Mode					
C Maintenance 💿 Current	Equipment C Fac	lity Search				
Select Filter						
Select All 🔲 Reset S	ervice Type: [None] 💌	Orig Location: (None)	Term Location: (None)	•		
Connections: 4	View	v 1 - Installed Equipment BILXMSED)			
Connection ID	Unassign From Connec Ckt Po	s Current AUnassign From Equ	Assign ToCkt Pos Assign To Equip	New Connectic CLF Desig	Orig Location	Term Loc
🖋 🖾 50/HC/007110/ //ITCD/		00-16	00-12		BILXMSED J	CSNMSQB
🖋 🖾 50/HC/007110/ /ITCD/		00-17	00-13		BILXMSED 🛛 🔽 J	CSNMSQB
🖋 🖾 50/HC/007110/ /ITCD/		00-12	00.16		BILXMSED 🛛 🔽 J	CSNMSQB

You have now finished all the design changes. You must validate the project to verify that the assignments are valid. Validation takes place within the **Groom To** action, but because all network grooming projects are self-contained workspaces and may be built and worked over a long time frame, the inventory could have changed since the data was initially loaded into the workspace.

- **21.** From the **Options** menu, select **Validate**.
- **22.** From the **File** menu, select **Save**.
- **23.** Close the Network Groom Maintenance window and return to the Network Groom Search window.
- **24.** If your project is not already listed, click **Modify Search**.
- **25.** Specify the name of the groom in the **Groom Name** field and click **Search**.

The network groom is displayed in the Network Groom Search window.

To process the design changes completed within the Network Grooming workspace, create an order.

26. Select the groom project and, from the **Options** menu, select **Create EWO** or **Create ISR**.

This automatically generates the grooming order and pre-populates it with all of the connections contained within the selected grooming projects. The ISR or EWO opens in read-only view because the information is retrieved from the saved groom and adding or removing connections from the order is not allowed. In addition, all network grooming projects associated to an open order are also read-only because modifying the workspace will invalidate the order. To make changes to the grooming workspace, you must supplement-cancel the order to place the project back in **Created** status.

- **27.** Depending on the type of order you create, do one of the following:
 - For an EWO order:
 - a. Under Related Pages, click Manage Tasks.
 - **b.** Under Actions, click Assign Tasks.
 - For an ISR order:
 - a. From the Options menu, select Task Generations/Maintenance.
- **28.** Select a provisioning plan containing the DLRD (or similar) task and DD task at a minimum and assign the tasks to the appropriate work queues and click **OK**.
- **29.** Complete the task preceding the DLRD (or similar) task.
- **30.** Double-click the DLRD (or similar) task.

The Service Request Connections window is displayed, listing all of the connections on the order/project.

31. From the Options menu, select Process Groom.

Note: You can supplement-cancel grooming orders until this step. After the application has started processing the data from the workspace, you cannot cancel the order. You can process small projects on the client machine. Oracle recommends that you process larger projects within the Background Processor.

A confirmation message is displayed.

32. Click Yes.

The network groom project is processed.

- **33.** After the groom processing is complete, you must place the connections in **Record Issued** or **DLR Issued** status.
- 34. From the Options menu, select Group Print.

The Print window is displayed.

- **35.** Do one of the following:
 - To issue the connection layout record (CLR) or graphical layout record (GLR), select the **Mark as Record Issued** check box.
 - To issue the design layout report (DLR), select the **Mark as DLR Issued** check box.
- **36.** Click **OK**.
- **37.** Complete the DLRD (or similar) task.

After completing the DLRD (or similar) task, but before completing the DD task, the ports of the Gulfport switch (GLPTMS55DS0) show a **Pending Disconnect** status and the ports of the Biloxi switch (BILXMSEDDS0) show a **Pending** status.

wbar Equipment Inventory	
File ↓ Edit ↓ View ↓ Options ↓ Window ↓	
View 1 - Installed Equipment GLPTMS55	View 2 - Installed Equipment BILXMSED
III NEWTON 6' RELAY RACK 6' RR DTC 00 & 01 (GLPTMS55DS0)	NEWTON 6' RELAY RACK 6' RR DTC 00 & 01 (BILXMSEDDS0)
● 01 ···· ● 01	
🚊 🖽 02 NORTEL NT6X0223* DTC SH* DTC 00 DTA 00 (GLPTMS55DS0)	📄 📶 02 NORTEL NT6X0223* DTC SH* DTC 00 DTA 00 (BILXMSEDDS0)
D201 NORTEL NT6X50AB* DTC CARD*	📋 🎹 0201 NORTEL NT6×50AB* DTC CARD*
🔢 🗄 🏪 00-16 (DS1-Pending Disconnect 5/10/2002 Order MULTT1PORTS), 50/HC/00710	📗 🗄 📥 00-16 (DS1-Pending 5/10/2002 Order MULTT1PORTS), 50/HC/007110/ //TCD
🗈 🗄 00-17 (DS1-Pending Disconnect 5/10/2002 Order MULTT1PORTS), 50/HC/00710	📗 🗄 🛓 00-17 (DS1-Pending 5/10/2002 Order MULTT1PORTS), 50/HC/007120/ //TCD
DID 0202 NORTEL NT6X50AB* DTC CARD*	🔄 🖽 0202 NORTEL NT6X50AB* DTC CARD*
🗈 🏪 00-12 (DS1-Pending Disconnect 5/10/2002 Order MULTT1PORTS), 50/HC/00711	📗 🗄 📥 00-12 (DS1-Pending 5/10/2002 Order MULTT1PORTS), 50/HC/007100/ //TCD
🗈 🏪 00-13 (DS1-Pending Disconnect 5/10/2002 Order MULTT1PORTS), 50/HC/00712	📗 🗄 📥 00-13 (DS1-Pending 5/10/2002 Order MULTT1PORTS), 50/HC/007105/ //TCD
	🗄 🎹 0203 NORTEL NT6×50AB* DTC CARD*
E III 0204 NORTEL NT6×50AB* DTC CARD*	🗄 🖽 0204 NORTEL NT6×50AB* DTC CARD*
E III 0205 NORTEL NT6×50AB* DTC CARD*	🗄 🖽 0205 NORTEL NT6X50AB* DTC CARD*
0206 <filler module=""></filler>	0206 <filler module=""></filler>
O207 <filler module=""></filler>	0207 <filler module=""></filler>
O208 <filler module=""></filler>	0208 <filler module=""></filler>
0209 <filler module=""></filler>	O209 <filler module=""></filler>
O210 <filler module=""></filler>	O210 <filler module=""></filler>

38. Complete the DD task.

After completing the DD task, the ports of the Gulfport switch (GLPTMS55DS0) show an **Unassigned** status and the ports of the Biloxi switch (BILXMSEDDS0) show an **In Service** status.

wbar Equipment Inventory	
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸	
View 1 - Installed Equipment GLPTMS55	View 2 - Installed Equipment BILXMSED
NEWTON 6' RELAY RACK 6' RR DTC 00 & 01 (GLPTMS55DS0)	NEWTON 6' RELAY RACK 6' RR DTC 00 & 01 (BILXMSEDDS0)
01	
│ 🛱 - 🛄 02 NORTEL NT6×0223* DTC SH* DTC 00 DTA 00 (GLPTMS55DS0) -	📋 🖽 02 NORTEL NT6X0223* DTC SH* DTC 00 DTA 00 (BILXMSEDDS0)
📋 🖽 0201 NORTEL NT6×50AB* DTC CARD*	📋 🖽 0201 NORTEL NT6×50AB* DTC CARD*
📄 🗄 📲 00-16 (DS1-Unassigned)	🕕 🛓 🗄 00-16 (DS1-In Service), 50/HC/007110/ /ITCD/ (In Service)
📄 🗄 📲 00-17 (DS1-Unassigned)	🗄 🗄 📥 00-17 (DS1-In Service), 50/HC/007120/ /ITCD/ (In Service)
📋 🖽 0202 NORTEL NT6×50AB* DTC CARD*	📋 🖽 0202 NORTEL NT6×50AB* DTC CARD*
🔃 🗄 📲 00-12 (DS1-Unassigned)	🗉 🗄 📥 00-12 (DS1-In Service), 50/HC/007100/ /ITCD/ (In Service)
📄 🗄 📲 00-13 (DS1-Unassigned)	🗄 🗄 📥 00-13 (DS1-In Service), 50/HC/007105/ /ITCD/ (In Service)
🔃 🕀 🔟 0203 NORTEL NT6×50AB* DTC CARD*	🗓 🖽 0203 NORTEL NT6×50AB* DTC CARD*
🕕 🖽 0204 NORTEL NT6×50AB* DTC CARD*	🗓 🖽 0204 NORTEL NT6×50AB* DTC CARD*
🕀 🖽 0205 NORTEL NT6×50AB* DTC CARD*	0205 NORTEL NT6×50AB* DTC CARD*
0206 <filler module=""></filler>	0206 <filler module=""></filler>
0207 <filler module=""></filler>	O207 <filler module=""></filler>
0208 <filler module=""></filler>	0208 <filler module=""></filler>
0209 <filler module=""></filler>	O209 <filler module=""></filler>

Scenario 4: Grooming Equipment Port Assignments and Facility Assignments

This scenario involves grooming equipment port assignments and facility assignments on the same groom project.

In this scenario, four T1 circuits are groomed. Each T1 circuit has two equipment assignments and one facility assignment:

- The equipment assignment to Gulfport K02 DACS [GLPTMS55K02].
- The equipment assignment to Gulfport K04 DACS [GLPTMS55K04].
- The facility assignment to T3 parent facility from Gulfport K04 DACS [GLPTMS55K04] to Gulfport BB1 switch [GLPTMS55BB1].

Only two of the three assignments will be groomed:

- The equipment port assignments to the GLPTMS55K02 DACS will be groomed to equipment ports on the GLPTMS55K05 DACS.
- The facility assignments to the T3 parent facility from the K04 DACS to the BB1 switch will be groomed to a separate T3 facility from the K04 DACS to the BB2 switch.

Figure 3–6 illustrates this scenario.





To groom equipment port assignments and facility assignments on the same groom project:

- 1. On the navigation bar, select **Inventory Management**, and then click **Network Grooming**.
- 2. Click the Add New link.

The Groom Request Types window is displayed.

- 3. Select Facility.
- 4. Click OK.

The New Groom Facility window is displayed.

- **5.** In the Project Information section, complete the **Groom Name**, **Description**, **Target Due Date**, and **Organization** fields.
- 6. Select the Facility option.
- 7. Click Search.

The Connection Hierarchy Search window is displayed.

- 8. Select the Facility check box.
- **9.** Specify the search criteria for the facility and click **Search**. In this scenario, in the **Identification** field, enter **GLPTMS55BB1**.

The New Groom Facility window is displayed.

🗞 New Groom Facility 🛛 😨 🔀						
Please enter the Project Name, description, and Target Due Date of the project and select whether to search by Equipment or Facility. Then, specify either a far or near end groom.						
Project Informati	on					
Groom Name:	MULTEQU	PFAC	Target Due Date:	5/10/2012		
Description:	Multiple Equ	uipment and Facility Gro	Organization:	DENVER		-
	Select Search Mode					
C Equipment	Facility	Network Location: Location:		•	<u> </u>	Search
View 1 - Connection Hierarchy Down DS3						
50010/T3 /GLPTMS55BB1/GLPTMS55K04 (Pending Groom)						

- **10.** If more than one facility is retrieved, select the correct facility from the list to be assigned to the groom project.
- 11. Select the Far End or Near End option for the type of groom you want to perform.
- 12. Click Add.

The status of the facility changes to **Pending Groom**.

13. Click OK.

The four facility assignments (for the four T1 circuits riding the parent T3 facility) now appear in the list view of the Network Groom Maintenance window.

wbar Network Groom - MULTEQUIPFAC			
File ← Edit ← View ← Options ← Window ←			
Select View Select Search Mod	e		
	O Facility Search		
C Select Filter			
Select All 🔲 Reset Service Type: [[None] 💌	Orig Location: (None)		
Connections: 4 View 1 - Undefined			
Connection ID	Unassign From Conn		
40070/T1 /GLPTMS55BB1/GLPTMS55K04			
40071/T1 /GLPTMS55BB1/GLPTMS55K04			
40080/T1 /GLPTMS55BB1/GLPTMS55K04			
40081/T1 /GLPTMS55BB1/GLPTMS55K04			

14. From the Options menu, select Add Equipment.

The New Groom Equipment window is displayed.

- **15.** In the Network Location field, do one of the following:
 - Enter the 11-byte CLLI (for example, GLPTMS55K02) and click **Search** to retrieve the installed equipment associated to the K02 DACS.
 - Enter the 8-byte CLLI (for example, GLPTMS55) and click **Search** to retrieve all installed equipment in the GLPTMS55 building.
- **16.** Expand the higher-level equipment until a check box for the port is displayed in the list view. Select the check box beside the DS1 port (or card) to be included in this groom project and click **OK**.

New Groom Equipment - MULTEQUIPFAC	New Groom Equipment - MULTEQUIPFAC				
Please enter the source location of the equipment you would like to groom. The far or near end code has been defaulted to represent that of the project.					
Project Information					
Groom Name: MULTEQUIPFAC Ta	rget Due Date: 5/10/2012				
Description: Multiple Equipment and Facility Grc Or	ganization: DENVER 💌				
Select Search Mode					
Network Location: GLP	TMS55K02				
GUL	FPORT 3/1 DACS 2				
View 1 - Installed Equipment GLPTMS55K02					
17 <occupied></occupied>					
18 <occupied></occupied>					
IE-®LII 20 EULDST/ETT/FDST/ETSHFSHELF2 (GLPTMS	□-111 20 ECI DS1/E1 I/F DS1/E1 SHF SHELF 2 (GLPTMS55K02)				
● 20003 <tci-a></tci-a>					
🖻 🗹 🛄 A-20004 ECI LDS1 DS1 I/F					
🖉 🖳 🖉 🦉 K02-2-A-1-1 (DS1-In Service), 40070/T1	/GLPTMS55BB1/GLPTMS55K04 (In Service)				
⊡… 🗹 🛄 A-20005 ECI LDS1 DS1 I/F					
	/GLPTMS55BB1/GLPTMS55K04 (In Service)				
₩ ₩ 20000 Edi Ebst 25177	/GLPTMS55BB1/GLPTMS55K04 (In Service)				
🛱 🔽 🛄 A-20007 ECI LDS1 DS1 I/F	· · ·				
K02-2-A-4-1 (DS1-In Service), 40081/T1	/GLPTMS55BB1/GLPTMS55K04 (In Service)				
A-20008 ECI LDS1 DS1 I/F					
A-20009 ECI LDS1 DS1 I/F					
🗢 Far End 💿 Near End	Remove Add OK Cancel				

17. Click Add.

Note: If you want to add ports from multiple locations, click the **Add** button instead of the **OK** button to add the selected ports to the groom project without proceeding to the next screen.

For this scenario, GLPTMS55K02 is the only location from which you want to add ports, so you can click the **OK** button instead of the **Add** button. The **Add** button is used for facility grooms and for multiple network location grooms.

18. Click **OK**.

/bar Network Groom - MULTEQUIPFAC					
File < Edit < View < Options < Window					
Select Filter Select All Reset Service Type: (None) Orig Location: (None) Term Location: (None) View 1 - Undefined					
Connection ID	Unassign From Connection ID	Ckt Pos Current AUnassign From			
40070/T1 /GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55BB1/GLPTMS55K04	1			
40071/T1 /GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55BB1/GLPTMS55K04	2			
40080/T1 /GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55BB1/GLPTMS55K04	3			
40081/T1 /GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55BB1/GLPTMS55K04	4			
40070/T1 /GLPTMS55BB1/GLPTMS55K04		K02-2-A-1-1			
40071/T1 /GLPTMS55BB1/GLPTMS55K04		K02-2-A-2-1			
40080/T1 /GLPTMS55BB1/GLPTMS55K04		K02-2-A-3-1			
40081/T1 /GLPTMS55BB1/GLPTMS55K04		K02-2-A-4-1			
40070/T1 /GLPTMS55BB1/GLPTMS55K04		K04-2-A-1-1			
40070/T1 /GLPTMS55BB1/GLPTMS55K04		K04-2-A-1-1			
40070/T1 /GLPTMS55BB1/GLPTMS55K04		K04-2-A-1-1			
40070/T1 /GLPTMS55BB1/GLPTMS55K04		K04-2-A-1-1			

The first four T1s on this list are the facility assignments that should be groomed from one T3 facility (to the BB1 switch) to another T3 facility (to the BB2 switch). The next four items are the equipment assignments to the K02 DACS, which will be groomed to the K05 DACS. The last four assignments are the equipment assignments to the K04 DACS. These should remain intact and should not be groomed as part of this project. These must be deleted from the project so the assignments will not be removed when the groom is processed.

19. To remove the assignments that should not be groomed from the groom project (in this scenario, the equipment assignments to the K04 DACS), select the assignments to be removed and click the **Delete** button (eraser icon) at the bottom of the window.

A confirmation message is displayed prompting you to confirm if you want to delete the selected four rows.

- **20.** Click **Yes to All** to confirm that all four selected rows should be deleted from the groom project.
- **21.** To select the facility to which you want to groom the four facility assignments, select the **Facility** option and click **Search** in the Select Search Mode section.

The Connection Hierarchy Search window is displayed.

- **22.** Select the **Facility** check box.
- **23.** Specify the search criteria for the facility and click **Search**. In this scenario, in the **Identification** field, enter **GLPTMS55BB2**.

The New Groom Facility window is displayed.

- **24.** If more than one facility is retrieved, select the correct facility from the list to be assigned to the groom project.
- 25. Select the Far End or Near End option for the type of groom you want to perform.
- 26. Click Add.

The status of the facility changes to **Pending Groom**.

27. Click OK.

The four facility assignments (for the four T1 circuits riding the parent T3 facility) now appear in the hierarchical view of the Network Groom Maintenance window.

- **28.** Select the four facility assignments in the list view on the left (assuming the four T1s should be assigned to sequential circuit positions on the T3 facility).
- **29.** Right-click on the first circuit position in the hierarchical view and select **Groom To**.

Wetwork Groom - MULTEQUIPFAC	
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸	
Select View	
Maintenance O Current O Equipment O Facility	Search
C Select Filter	
Select All 🔲 Reset Service Type: (None) 💌 Or	ig Location: (None) 🔽 Term Location: (None) 👤
Connections: 8	View 1 - Connection Hierarchy Down DS3
Connection ID Unassign From Conne	S0025/T3 /GLPTMS55BB2/GLPTMS55K04 (In Service)
40070/T1 /GLPTMS55BB1/GLPTMS55K04 50010/T3 /GLPTMS55	
40070/T1 /GLPTMS55BB1/GLPTMS55K04 50010/T3 /GLPTMS55	_{≇e} 2 (DS1-Unassig <mark> Navigate)</mark>
40070/T1 /GLPTMS55BB1/GLPTMS55K04 50010/T3 /GLPTMS55	mage 3 (DS1-Unassig
40070/T1 /GLPTMS55BB1/GLPTMS55K04 50010/T3 /GLPTMS55	_{≇ ∈} 4 (DS1-Unassig Query
40070/T1 /GLPTMS55BB1/GLPTMS55K04	_{38 ∈} 5 (DS1-Unassig Condition Codes
40071/T1 /GLPTMS55BB1/GLPTMS55K04	_{≇ ∈} 6 (DS1-Unassig
40080/11 /GLPTMS558B1/GLPTMS55K04	_{≇ ∈} 7 (DS1-Unassig Equip Facility
40081711 /GLP1M555881/GLP1M555K04	mi≩ ∈ 8 (DS1-Unassig
	mi≩ ∈ 9 (DS1-Unassic
	mise 🛛 10 (DS1-Unass Print
	Be 11 (DS1-Unass
	mige [12 (DS1-Unass View ►
	_{≇ ∈} 13 (DS1-Unassigned)
	imi≩ ∈ 14 (DS1-Unassigned)
	_{≇ ∈} 15 (DS1-Unassigned)

The four facility assignments display a check mark in the list view (indicating that corresponding circuit positions have been selected). The circuit positions in the hierarchical view show a **Pending Groom** status.

avbar	Network Groom - MULTEQ	UIPFAC						
File	File + Edit + View + Options + Window +							
	lect View Celect	t Search Mode						
Maintenance O Current O Equipment I Facility Search								
⊢Se	lect Filter							
Se	elect All 🔲 Reset Service Type: [No	one) 🗾 🛛 O	rig Location: (None) 📃 💌	Term Location: (None)				
Conr	nections: 8		View 1 - Connection Hierarchy Down DS	33				
	Connection ID	Unassign From Conne	🞬 50025/T3 /GLPTMS55BB2/GLPT	MS55K04 (In Service)				
1	40070/T1 /GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55	_{≇ ∈} 1 (DS1-Unassigned), 40070/T1	/GLPTMS55BB1/GLPTMS55K04 (Pending Groom)				
1	40071/T1 /GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55	_{≇ ∈} 2 (DS1-Unassigned), 40071/T1	/GLPTMS55BB1/GLPTMS55K04 (Pending Groom)				
1	40080/T1 /GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55	_{≇ ∈} 3 (DS1-Unassigned), 40080/T1	/GLPTMS55BB1/GLPTMS55K04 (Pending Groom)				
1	40081/T1 /GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55	_{≇ ∈} 4 (DS1-Unassigned), 40081/T1	/GLPTMS55BB1/GLPTMS55K04 (Pending Groom)				
	40070/T1 /GLPTMS55BB1/GLPTMS55K04		_{≇∈} 5 (DS1-Unassigned)					
	40071/T1 /GLPTMS55BB1/GLPTMS55K04		_{≇∈} 6 (DS1-Unassigned)					
	40080/T1 /GLPTMS55BB1/GLPTMS55K04		_{≇∈} 7 (DS1-Unassigned)					
	40081/T1 /GLPTMS55BB1/GLPTMS55K04		_{≇∈} 8 (DS1-Unassigned)					
			_{≇∈} 9 (DS1-Unassigned)					
			_{≇ ∈} 10 (DS1-Unassigned)					
			_{≇∈} 11 (DS1-Unassigned)					

30. To specify the equipment ports for moving the equipment assignments from GLPTMS55K02 to GLPTMS55K05, select the **Equipment** option and click **Search** in the Select Search Mode section.

The Equipment Inventory Search window is displayed.

31. In the Network Location field, do one of the following:

- Enter the 11-byte CLLI (for example, GLPTMS55K05) and click **Search** to retrieve the installed equipment associated to the K05 DACS.
- Enter the 8-byte CLLI (for example, GLPTMS55) and click Search to retrieve all installed equipment in the GLPTMS55 building.
- **32.** Expand the higher-level equipment and select the check box beside the appropriate port.
- **33.** Click **OK**.
- **34.** Right-click on the first port in the hierarchical view and select **Groom To**.

wbar Network Groom - MULTEQUIPFAC	
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸	
Select View	
Maintenance Courant C Equipment C Equipment	
- Select Filter	
Select All 🗌 Reset Service Type: (None) 💌 Orig Location: (None) 💌 Term Locati	on: [(None) 📃
Connections: 8 View 1 - Installed Equipment GLPTMS55	
Connection ID Unassign From Conne 20001 (PSU-A)	
40070/T1 /GLPTMS55BB1/GLPTMS55K04 50010/T3 /GLPTMS55 0 002 <psu-b></psu-b>	
40071/T1 /GLPTMS55BB1/GLPTMS55K04 50010/T3 /GLPTMS55 0 0003 <tci-a></tci-a>	
40080/T1 /GLPTMS55BB1/GLPTMS55K04 50010/T3 /GLPTMS55 🕴 🕀 🖽 A.20004 ECI LDS1 DS1 I/F	
40081/T1 /GLPTMS558B1/GLPTMS55K04 50010/T3 /GLPTMS55	
40070/T1 /GLPTMS558B1/GLPTMS55K04	.e 🕨
4007/0711 /GLPTMS558B1/ALPTMS55K04 4007/0711 /GLPTMS55p01/GLPTMS55K04 2007/071 /GLPTMS55p01/GLPTMS55K04	
400/0/11 /GLPTMS335B1/GLPTMS35K04	
word/11/2/cl/14/333/bb//dc/14/333/k04	
	То
→ j≆ KU5-2-A-41 [US1-Unassigned]	
HINE A-2008 ECLIDST DST/F	on Codes
	n 19. ûddroce
	ITTE Address
	•

Because four ports are selected in the list view and the port specified in the hierarchical view is on an equipment with fewer than four ports, a notification message is displayed informing you that there are not enough compatible positions available to assign all of the selected circuits. The message prompts you to select another destination for the remaining assignments.

- **35.** Click **OK**.
- 36. In the hierarchical view, right-click the first port and select Groom To.

avbar Network Groom - MULTEQ	UIPFAC		
File Edit View Options Window Select View Select Select Select © Maintenance © Current © E	t Search Mode quipment O Facility	Search	
Select All Reset Service Type: (No	one) 🔽 Ori	g Location: (None)	Term Location: (None)
Connections: 8 Connection ID	Unassign From Conne	View 1 - Installed Equipment GLPTMS55	
 40070/T1 /GLPTMS558B1/GLPTMS55K04 40071/T1 /GLPTMS558B1/GLPTMS55K04 40080/T1 /GLPTMS558B1/GLPTMS55K04 40081/T1 /GLPTMS55B81/GLPTMS55K04 	50010/T3 /GLPTMS55 50010/T3 /GLPTMS55 50010/T3 /GLPTMS55 50010/T3 /GLPTMS55	● 20002 <psu-b> ● 20003 <tci-a> □ ▲ ▲ 20004 ECI LDS1 DS1 I/F □ ₩ ▲ K05-2-A-1-1 [DS1-Unassigned]</tci-a></psu-b>	
40070/T1 /GLPTMS55881/GLPTMS55K04 40070/T1 /GLPTMS55881/GLPTMS55K04 40070/T1 /GLPTMS55881/GLPTMS55K04 40070/T1 /GLPTMS55881/GLPTMS55K04		□	Navigate
			Groom To
			IP Address Unassign IP Address
			Print View

37. Click **OK**.

All the circuit positions and ports in the list view have check marks indicating circuit positions and ports in the hierarchical view have been specified. All the ports in the hierarchical view show a **Pending Groom** status.

wbar Network Groom - MULTEQUIPFAC					
File + Edit + View + Options + Window +					
Select View Select Search Mode					
Maintenance Current Equipment Facility Search					
C Select Filter					
Select All 🔲 Reset Service Type: [None] 🔽 Orig Location: [None] 🔽 Term Location: [None]	<u>-</u>				
Connections: 8 View 1 - Installed Equipment GLPTMS55					
Connection ID Unassign From Connection (PSU-A>					
40070/T1 /GLPTMS558B1/GLPTMS55K04 50010/T3 /GLPTMS55					
40071/T1 /GLPTMS55BB1/GLPTMS55K04 50010/T3 /GLPTMS55 0 20003 <tci-a></tci-a>					
40080/T1 /GLPTMS558B1/GLPTMS55K04 50010/T3 /GLPTMS55 ☐ 白 和 A-20004 ECI LDS1 DS1 I/F					
40081/T1 /GLPTMS55BB1/GLPTMS55K04 50010/T3 /GLPTMS55 K05-2-A-1-1 (DS1-Unassigned), 40070/T1 /GLPTMS55BB1/	'GLPTMS55K04 (Pending Groom)				
40070/T1 /GLPTMS558B1/GLPTMS55K04					
40071/11 /GLPTMS555BB1/GLPTMS555K04	GLPTMS55K04 (Pending Groom)				
40080/11 /GLP1MS55881/GLP1MS55K04 □ □ □ □ □ □ □					
40081/11 /GLP1MS558B1/GLP1MS555K04 K05-2:A-3:1 (DS1-Unassigned), 40080/T1 /GLPTMS555B81/	GLPTMS55K04 (Pending Groom)				
2 K05-2:A-4-1 (DS1-Unassigned), 40081/T1 /GLPTMS55881/	GLPTMS55K04 (Pending Groom)				
⊕ - 🖬 A-20008 ECI LDS1 DS1 I/F					
⊕					
⊕ 🖽 A-20010 ECI LDS1 DS1 I/F					

38. To view more details of this groom, select the **Current** option in the Select View section in the top left corner of the screen.

avbar) Ne	twork Groom - MULTE	QUIPFAC						
File 🚽	Edit 🗸	View 🗸 Options 🗸 Window 🗸							
⊢ Sele	ect View	Proje	ct Information						
	Groom Name: MULTEQUIPEAC. Tarret Due Date: 5/10/2012								
	Maintenance	Current Dese	intion: Multiple Equipment and Excility Gra	Organization:	DENVER				
		Desc	iption. Influidple Equipment and Facility and	organization.	IDENVER				
_ Sele	ect Filter								
Sele	ect All	Reset Service Type:	(None) 🔽 Orig Location: (None)	•	Term Location: (None)	-			
					15 <i>J</i>				
Conne	ections: 8								
	Connectio	n ID	Unassign From Connection ID	Ckt Pos (Current All Unassign From Equip	Assign To Connection ID			
1	40070/T1	/GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55BB1/GLPTMS55K04	1		50025/T3 /GLPTMS55BB2/GLPTMS55K04			
1	40071/T1	/GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55BB1/GLPTMS55K04	2		50025/T3 /GLPTMS55BB2/GLPTMS55K04			
1	40080/T1	/GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55BB1/GLPTMS55K04	3		50025/T3 /GLPTMS55BB2/GLPTMS55K04			
1	40081/T1	/GLPTMS55BB1/GLPTMS55K04	50010/T3 /GLPTMS55BB1/GLPTMS55K04	4		50025/T3 /GLPTMS55BB2/GLPTMS55K04			
1	40070/T1	/GLPTMS55BB1/GLPTMS55K04			K02-2-A-1-1				
1	40071/T1	/GLPTMS55BB1/GLPTMS55K04			K02-2-A-2-1				
1	40080/T1	/GLPTMS55BB1/GLPTMS55K04			K02-2-A-3-1				
1	40081/T1	/GLPTMS55881/GLPTMS55K04			K02-2-4-4-1				

The **Orig Location** column automatically changed to **GLPTMS55BB2**. The **Term Location** column did not automatically change to **GLPTMS55K05**. You must manually change the **Term Location** column.

avbar Network Gro	om - MULTE	EQUIPFAC						
File 🗸 Edit 🗸 View 🗸 Opt	ions 🚽 🛛 Window 🗸	•						
Select View	Proje	ect Information						
O Maintenance 🛛 💿 Curre	nt Groot	m Name: MUL'	TEQUIPFAC	Target Due Date:	5/10/2012]		
	Desc	ription: Multip	le Equipment and Facility Gro	Organization:	DENVER		•	
Select Filter								
Select All 🔲 Reset	Service Type:	(None) 💌	Orig Location: (None)	•	Term Loc	ation: (None)	•	
Connections: 8								
	Ckt Pos Curren	t 🖊 Assign To Eq	New Connection ID		CLF Desig	Orig Location	Term Location	Service Type
MS55BB2/GLPTMS55K04	1		101 /T1 /GLPTMS55BB2/	GLPTMS55K04	101	GLPTMS55BB2	GLPTMS55K04	▼ T1
MS55BB2/GLPTMS55K04	2		102 /T1 /GLPTMS55BB2/	GLPTMS55K04	102	GLPTMS55BB2	GLPTMS55K04	▼ T1
MS55BB2/GLPTMS55K04	3		103 /T1 /GLPTMS55BB2/	GLPTMS55K04	103	GLPTMS55BB2	GLPTMS55K04	▼ T1
MS55BB2/GLPTMS55K04	4		104 /T1 /GLPTMS55BB2/	GLPTMS55K04	104	GLPTMS55BB2	GLPTMS55K04	▼ T1
		K05-2-A-1-1						T1
		K05-2-A-2-1						T1
		K05-2-A-3-1						T1
		K05-2-A-4-1						T1

39. Change the **Term Location** column of the first T1 to **GLPTMS55K05** and click **Yes** on the confirmation message. **GLPTMS55K05** is the Z Location in the CLF format connection ID for all four T1s on this network groom project.

vbar Network (Groom - 🖡	ULTEQUIPFAC							
File Edit View	Options 👻 👋	Vindow 🗸							
C Maintenance C C	ùrrent	Groom Name: MUL Description: Multi	LTEQUIPFAC tiple Equipment and Facility Gro	Target Due Date: Organization:	5/10/2012 DENVER		•		
Select Filter Select All Reset Service Type: [None] Orig Location: [None] Term Location: [None]									
	Ckt Pos	Current A Assign To Ed	q New Connection ID		CLF Desig	Orig Location	Term	Location	Service Type
4S55BB2/GLPTMS55K04	1		101 /T1 /GLPTMS55BB2/0	GLPTMS55K04	101	GLPTMS55BB2	GLPTN	IS55K04 🛛 💌	T1
MS55BB2/GLPTMS55K04	2		102 /T1 /GLPTMS55BB2/0	GLPTMS55K04	102	GLPTMS55BB2	GLPTN	IS55K04 📃 💌	T1
MS55BB2/GLPTMS55K04	3		103 /T1 /GLPTMS55BB2/0	GLPTMS55K04	103	GLPTMS55BB2	GLPTN	IS55K04 👱	T1
MS55BB2/GLPTMS55K04	4		104 /T1 /GLPTMS55BB2/0	GLPTMS55K04	104	GLPTMS55BB2	GLPTN	IS55K04 👱	T1
		K05-2-A-1-1							T1
		K05-2-A-2-1			I				11
		K05-2-A-3-1	MetaSolv Solution	n		?			11
	I		Would you like to mo	dify this common loc	ation for all conr	ections in the work	area?		111

The A and Z CLLIs in the CLF format connection IDs in the **New Connection ID** column appear to be correct. However, the CLF Designators at the beginning of the connection IDs need to be modified so that they appear as they did prior to the groom.

wbar Network Gr	oom - ML	JLTEQUIPFAC						
File 🗸 Edit 🗸 View 🗸 Op	tions 🚽 🛛 Win	ndow 🗸						
- Select View		Project Information						
		Correct Names MILLIN	TEOLUPEAC	Taxant Dura Dista	E /10 /2012	-		
C Maintenance 💿 Curre	ent	diouni Name. MOLT	IEQUIFFAC	Target Due Date.	0/10/2012			
		Description: Multip	ole Equipment and Facility G	rc Organization:	DENVER		v	
- Select Filter								
	1							
Select All	Service I	lype: [(None) 📃 🗾	Urig Location: [[No	ne) 🗾	l erm Lo	cation: [[None]	_	
Connections: 8								
Connections, o								
	Ckt Pos C	urrent / Assign To Eq	New Connection ID		CLF Desig	Orig Location	Term Location	Service Type
4S55BB2/GLPTMS55K04	Ckt Pos C	urrent / Assign To Eq	New Connection ID 101 /T1 /GLPTMS558	32/GLPTMS55K05	CLF Desig	Orig Location GLPTMS55BB2	Term Location	Service Type
MS55BB2/GLPTMS55K04 MS55BB2/GLPTMS55K04	Ckt Pos C 1 2	urrent / Assign To Eq	New Connection ID 101 /T1 /GLPTMS55B 102 /T1 /GLPTMS55B	32/GLPTMS55K05 32/GLPTMS55K05	CLF Desig 101 102	GLPTMS55BB2 GLPTMS55BB2	Term Location ✓ GLPTMS55K05 ✓ GLPTMS55K05	Service Type
4S558B2/GLPTMS55K04 4S558B2/GLPTMS55K04 4S558B2/GLPTMS55K04	Ckt Pos C 1 2 3	urrent # Assign To Eq	New Connection ID 101 /T1 /GLPTMS558 102 /T1 /GLPTMS558 103 /T1 /GLPTMS558	32/GLPTMS55K05 32/GLPTMS55K05 32/GLPTMS55K05	CLF Desig 101 102 103	GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2	Term Location GLPTMS55K05 GLPTMS55K05 GLPTMS55K05	Service Type T1
4S55BB2/GLPTMS55K04 4S55BB2/GLPTMS55K04 4S55BB2/GLPTMS55K04 4S55BB2/GLPTMS55K04	Ckt Pos C 1 2 3 4	urrent & Assign To Eq	New Connection ID 101 /T1 /GLPTMS558 102 /T1 /GLPTMS558 103 /T1 /GLPTMS558 104 /T1 /GLPTMS558	32/GLPTMS55K05 32/GLPTMS55K05 32/GLPTMS55K05 32/GLPTMS55K05	CLF Desig 101 102 103 104	GLPTMS558B2 GLPTMS558B2 GLPTMS558B2 GLPTMS558B2 GLPTMS558B2	Term Location GLPTM\$55K05 GLPTM\$55K05 GLPTM\$55K05 GLPTM\$55K05 GLPTM\$55K05	Service Type T1
4555882/GLPTMS55K04 4555882/GLPTMS55K04 4555882/GLPTMS55K04 4555882/GLPTMS55K04	Ckt Pos Cr 1 2 3 4	urrent & Assign To Eq K05-2:A-1-1	New Connection ID 101 /GLPTMS558 102 /T1 /GLPTMS558 103 /T1 /GLPTMS558 104 /T1 /GLPTMS558	32/GLPTMS55K05 32/GLPTMS55K05 32/GLPTMS55K05 32/GLPTMS55K05	CLF Desig 101 102 103 104	Orig Location GLPTMS558B2 GLPTMS558B2 GLPTMS558B2 GLPTMS558B2	Term Location GLPTMS55K05 GLPTMS55K05 GLPTMS55K05 GLPTMS55K05 GLPTMS55K05	Service Type T1
4555882/GLPTMS55K04 455582/GLPTMS55K04 455582/GLPTMS55K04 455582/GLPTMS55K04	Ckt Pos Cr 1 2 3 4	urrent # Assign To Eq K05-2A-1-1 K05-2A-2-1	New Connection ID 101 /GLPTMS558I 102 /T1 /GLPTMS558I 103 /T1 /GLPTMS558I 104 /T1 /GLPTMS558I	32/GLPTMS55K05 32/GLPTMS55K05 32/GLPTMS55K05 32/GLPTMS55K05	CLF Desig 101 102 103 104	GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2	Term Location GLPTMS55K05 G	Service Type T1
4555882/GLPTMS55K04 4555882/GLPTMS55K04 4555882/GLPTMS55K04 4555882/GLPTMS55K04	Ckt Pos Cl 1 2 3 4 - - - -	urrent & Assign To Eq K05-2:A-1-1 K05-2:A-2-1 K05-2:A-3-1	New Connection ID 101 /T1 /GLPTMS558 102 /T1 /GLPTMS558 103 /T1 /GLPTMS558 104 /T1 /GLPTMS558	32/GLPTM\$55K05 32/GLPTM\$55K05 32/GLPTM\$55K05 32/GLPTM\$55K05	CLF Desig 101 102 103 104	GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2	Term Location GLPTMS55K05 GLPTMS55K05 GLPTMS55K05 GLPTMS55K05	Service Type T1 T1 T1 T1 T1 T1 T1 T1 T1 T

For each of the T1s with enabled **CLF Desig** fields on this screen, enter the correct CLF Designator and click **Yes** on the confirmation message to rename the circuit.

avbar Network Gro	oom - I	ULTEQUIP	FAC									
File 🗸 Edit 🚽 View 🚽 Opt	ions 👻 👎	Window 🗸										
Celect View		Project Inform	ation					_		7		
C Maintenance O Curre	ent	Groom Name:	MUL	TEQUIPFA	VC	Target Due Date:	5/10/2012					
		Description:	Mult	iple Equipm	ent and Facility Gro	Organization:	DENVER		-			
- Select Filter										-		
Select All 🔲 Reset	Servic	e Type: [[None]	-	Or	rig Location: [None]	•	Term Lo	cation: [None]	•			
Connections: 8												
	Ckt Pos	Current A Assi	gn To E	q New Co	onnection ID		CLF Desi	Orig Location	Term L	ocation	Service T	pe
MS55BB2/GLPTMS55K04	1			101 /T1	/GLPTMS55BB2/	GLPTMS55K05	40070	GLPTMS55BB2	GLPTMS	55K05	▼ T1	
MS55BB2/GLPTMS55K04	2			102 /T1	/GLPTMS55BB2/	GLPTMS55K05	102	GLPTMS55BB2	🔄 🗾 GLPTMS	55K05	▼ T1	
MS55BB2/GLPTMS55K04	3			103 /T1	/GLPTMS55BB2/	GLPTMS55K05	103	GLPTMS55BB2	🔄 🗾 GLPTMS	55K05	▼ T1	
MS55BB2/GLPTMS55K04	4			104 /T1	/GLPTMS55BB2/	GLPTMS55K05	104	GLPTMS55BB2	GLPTM9	55K05	▼ T1	
		K05-2	-A-1-1 🗖								T1	
		K05-2	-A-2-1	🗇 Meta	Solv Solution				2	X	T1	
		K05-2	-A-3-1								T1	
		K05-2	-A-4-1		well of the later		1 100				T1	
				$\langle \mathcal{O} \rangle$	The facility designa with the new design	tion for this circuit ha hation?	s been modified	. Would you like to r	ename the circ	uit		
						<u>Y</u> es	<u>N</u> o					

After renaming all four connection IDs, check the **Assign From** and **Assign To** fields for facility and equipment assignments for accuracy. Also, check the **New Connection ID** column again.

avbar Network Groom - MU	LTEQUIPFAC											
File ← Edit ← View ← Options ← Wind	łow 🗸											
Select View	Project Information -											
O Maintenance 🕢 Durrent	Groom Name: 👘 🕅	ULTEQUIPFAC		Target Due Date:	5/10/2012							
	Description: M	ultiple Equipment	and Facility Gro	Organization:	DENVER		-					
_ Select Filter]				
Select All Reset Service T	vpe: [None]	Oria L	ocation: [(None)	T	Term Loca	ation: [None]	▼					
			15									
Connections: 8						Connections: 8						
Assign To Connection ID	Ckt Pos Current /	Assign To Eq	New Connec	tion ID		CLF Desig	Orig Location	Term Location	Service Type			
Assign To Connection ID 50025/T3 /GLPTMS55BB2/GLPTMS55K04	Ckt Pos Current a 3	Assign To Eq	New Connec 40080/T1 /G	tion ID LPTMS55BB2/GLPT	MS55K05	CLF Desig 40080	Orig Location GLPTMS55BB2	Term Location ▼ GLPTMS55K05	Service Type T1			
Assign To Connection ID 50025/T3 /GLPTMS55BB2/GLPTMS55K04 50025/T3 /GLPTMS55BB2/GLPTMS55K04	Ckt Pos Current a 3 2	Assign To Eq	New Connec 40080/T1 /G 40071/T1 /G	tion ID LPTMS55BB2/GLPTI LPTMS55BB2/GLPTI	MS55K05 MS55K05	CLF Desig 40080 40071	Orig Location GLPTMS55BB2 GLPTMS55BB2	Cerm Location GLPTMS55K05 GLPTMS55K05	Service Type T1 T1			
Assign To Connection ID 50025/T3 /GLPTMS55BB2/GLPTMS55K04 50025/T3 /GLPTMS55BB2/GLPTMS55K04 50025/T3 /GLPTMS55BB2/GLPTMS55K04	Ckt Pos Current a 3 2 4	Assign To Eq	New Connect 40080/T1 /G 40071/T1 /G 40081/T1 /G	tion ID LPTMS55BB2/GLPTH LPTMS55BB2/GLPTH LPTMS55BB2/GLPTH	MS55K05 MS55K05 MS55K05	CLF Desig 40080 40071 40081	Orig Location GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2	Term Location GLPTMS55K05 GLPTMS55K05 GLPTMS55K05 GLPTMS55K05	Service Type T1 T1 T1 T1 T1 T1 T1 T1 T1 T			
Assign To Connection ID 50025/T3 /GLPTMS55B82/GLPTMS55K04 50025/T3 /GLPTMS55B82/GLPTMS55K04 50025/T3 /GLPTMS55B82/GLPTMS55K04 50025/T3 /GLPTMS55B82/GLPTMS55K04	Ckt Pos Current # 3 2 4 1	Assign To Eq	New Connec 40080/T1 /G 40071/T1 /G 40081/T1 /G 40070/T1 /G	tion ID LPTMS55BB2/GLPTH LPTMS55BB2/GLPTH LPTMS55BB2/GLPTH LPTMS55BB2/GLPTH	MS55K05 MS55K05 MS55K05 MS55K05	CLF Desig 40080 40071 40081 40070	Orig Location GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2	Term Location GLPTMS55K05 GLPTMS55K05 GLPTMS55K05 GLPTMS55K05 GLPTMS55K05	Service Type T1			
Assign To Connection ID 50025/T3 /GLPTMS558B2/GLPTMS55K04 50025/T3 /GLPTMS558B2/GLPTMS55K04 50025/T3 /GLPTMS558B2/GLPTMS55K04 50025/T3 /GLPTMS558B2/GLPTMS55K04	Ckt Pos Current a 3 2 4 1	K05-2:A-1-1	New Connec 40080/T1 /G 40071/T1 /G 40081/T1 /G 40070/T1 /G	tion ID LPTMS558B2/GLPTH LPTMS558B2/GLPTH LPTMS558B2/GLPTH LPTMS558B2/GLPTH	MS55K05 MS55K05 MS55K05 MS55K05	CLF Desig 40080 40071 40081 40070	Orig Location GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2	 ▼ erm Location ▼ GLPTMS55K05 ▼ GLPTMS55K05 ▼ GLPTMS55K05 ▼ GLPTMS55K05 	Service Type T1			
Assign To Connection ID 50025/T3 /GLPTMS55882/GLPTMS55K04 50025/T3 /GLPTMS55882/GLPTMS55K04 50025/T3 /GLPTMS55882/GLPTMS55K04 50025/T3 /GLPTMS55882/GLPTMS55K04	Ckt Pos Current J 3 2 4 1 1	Assign To Eq K05-2-A-1-1 K05-2-A-2-1	New Connec 40080/T1 /G 40071/T1 /G 40081/T1 /G 40070/T1 /G	tion ID LPTMS558B2/GLPTI LPTMS558B2/GLPTI LPTMS55BB2/GLPTI LPTMS55BB2/GLPTI	MS55K05 MS55K05 MS55K05 MS55K05	CLF Desig 40080 40071 40081 40070	Orig Location GLPTMS556B2 GLPTMS556B2 GLPTMS558B2 GLPTMS558B2	Term Location GLPTMS55K05 GLPTMS55K05 GLPTMS55K05 GLPTMS55K05 GLPTMS55K05 GLPTMS55K05	Service Type T1			
Assign To Connection ID 50025/13 /GLPTMS558B2/GLPTMS55K04 50025/13 /GLPTMS558B2/GLPTMS55K04 50025/13 /GLPTMS558B2/GLPTMS55K04 50025/13 /GLPTMS558B2/GLPTMS55K04	Ckt Pos Current a 3 2 4 1 1	K05-2A-1-1 K05-2A-2-1 K05-2A-3-1	New Connec 40080/T1 /G 40071/T1 /G 40081/T1 /G 40070/T1 /G	tion ID LPTMS55BB2/GLPTH LPTMS55BB2/GLPTH LPTMS55BB2/GLPTH LPTMS55BB2/GLPTH	MS55K05 MS55K05 MS55K05 MS55K05	CLF Desig 40080 40071 40081 40070	Orig Location GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2 GLPTMS55BB2	Term Location GLPTMS55K05 GLPTMS55K05 GLPTMS55K05 GLPTMS55K05 GLPTMS55K05	Service Type T1			

You have now finished all the design changes. You must validate the project to verify that the assignments are valid. Validation takes place within the **Groom To** action, but because all network grooming projects are self-contained workspaces and may be built and worked over a long time frame, the inventory could have changed since the data was initially loaded into the workspace.

40. From the Options menu, select Validate.

- 41. From the File menu, select Save.
- **42.** Close the Network Groom Maintenance window and return to the Network Groom Search window.
- **43.** If your project is not already listed, click **Modify Search**.
- **44.** Specify the name of the groom in the **Groom Name** field and click **Search**.

The network groom is displayed in the Network Groom Search window.

To process the design changes completed within the Network Grooming workspace, create an order.

45. Select the groom project and, from the **Options** menu, select **Create EWO** or **Create ISR**.

This automatically generates the grooming order and pre-populates it with all of the connections contained within the selected grooming projects. The ISR or EWO opens in read-only view because the information is retrieved from the saved groom and adding or removing connections from the order is not allowed. In addition, all network grooming projects associated to an open order are also read-only because modifying the workspace will invalidate the order. To make changes to the grooming workspace, you must supplement-cancel the order to place the project back in **Created** status.

- **46.** Depending on the type of order you create, do one of the following:
 - For an EWO order:
 - a. Under Related Pages, click Manage Tasks.
 - **b.** Under Actions, click Assign Tasks.
 - For an ISR order:
 - a. From the **Options** menu, select **Task Generations/Maintenance**.
- **47.** Select a provisioning plan containing the DLRD (or similar) task and DD task at a minimum and assign the tasks to the appropriate work queues and click **OK**.
- **48.** Complete the task preceding the DLRD (or similar) task.
- **49.** Double-click the DLRD (or similar) task.

The Service Request Connections window is displayed, listing all of the connections on the order/project.

50. From the **Options** menu, select **Process Groom**.

Note: You can supplement-cancel grooming orders until this step. After the application has started processing the data from the workspace, you cannot cancel the order. You can process small projects on the client machine. Oracle recommends that you process larger projects within the Background Processor.

A confirmation message is displayed.

51. Click Yes.

The network groom project is processed.

52. After the groom processing is complete, you must place the connections in **Record Issued** or **DLR Issued** status.

53. From the **Options** menu, select **Group Print**.

The Print window is displayed.

- **54.** Do one of the following:
 - To issue the connection layout record (CLR) or graphical layout record (GLR), select the **Mark as Record Issued** check box.
 - To issue the design layout report (DLR), select the **Mark as DLR Issued** check box.
- **55.** Click **OK**.
- **56.** Complete the DLRD (or similar) task.

After completing the DLRD (or similar) task, but before completing the DD task:

• The ports on the K02 DACS show a **Pending Disconnect** status and the ports on the K05 DACS show a **Pending** status.

3,	/bar	Equipment Inventory		
	File 🗸	Edit 🗸 View 🗸 Options 🗸 Window 🗸		
	View 1 -	Installed Equipment GLPTMS55	Vie	ew 2 - Installed Equipment GLPTMS55
	÷ 🕕	20 ECI DS1/E1 I/F DS1/E1 SHF SHELF 2 (GLPTMS55K02)	- [- 🛄 20 ECI DS1/E1 I/F DS1/E1 SHF SHELF 2 (GLPTMS55K05)
		20001 <psu-a></psu-a>		🐵 20001 <psu-a></psu-a>
		20002 <psu-b> 20002 <psu-b></psu-b></psu-b>		🐵 20002 <psu-b></psu-b>
		20003 <tci-a></tci-a>		🐵 20003 <tci-a></tci-a>
	<u> </u>	A-20004 ECI LDS1 DS1 I/F		🖕 🎹 A-20004 ECI LDS1 DS1 I/F
		└ 🏪 K02-2-A-1-1 (DS1-Pending Disconnect 5/10/2002 Order MULTEQUIPFAC), 40070/T		
	. <u>.</u>	A-20005 ECI LDS1 DS1 I/F		🖕 🎹 A-20005 ECI LDS1 DS1 I/F
		└ 💾 K02-2-A-2-1 (DS1-Pending Disconnect 5/10/2002 Order MULTEQUIPFAC), 40071/T		
	. <u>.</u>	A-20006 ECI LDS1 DS1 I/F		🖕 🎹 A-20006 ECI LDS1 DS1 I/F
		- K02-2-A-3-1 (DS1-Pending Disconnect 5/10/2002 Order MULTEQUIPFAC), 40080/T		
	- <u>-</u>	A-20007 ECI LDS1 DS1 I/F		🗄 📶 A-20007 ECI LDS1 DS1 I/F
		- K02-2-A-4-1 (DS1-Pending Disconnect 5/10/2002 Order MULTEQUIPFAC), 40081/T		K05-2-A-4-1 (DS1-Pending 5/10/2002 Order MULTEQUIPFAC), 40081/T1

• The circuit positions of the facility to the BB1 switch show a **Pending Disconnect** status and the circuit positions of the facility to the BB2 switch show a **Pending** status.

bar Connection Hierarchy	
File ✔ Edit ✔ View ✔ Options ✔ Window ✔	
View 1 - Connection Hierarchy Down	View 2 - Connection Hierarchy Down
50010/T3 /GLPTMS55BB1/GLPTMS55K04 (In Service)	50025/T3 /GLPTMS55BB2/GLPTMS55K04 (In Service)
🗄 👑 1 (DS1-Pending Disconnect 5/10/2002 Order MULTEQUIPFAC), 40070/T1	🗄 🚟 1 (DS1-Pending 5/10/2002 Order MULTEQUIPFAC), 40070/T1
🗄 👑 2 (DS1-Pending Disconnect 5/10/2002 Order MULTEQUIPFAC), 40071/T1	🗄 📲 2 (DS1-Pending 5/10/2002 Order MULTEQUIPFAC), 40071/T1
🕀 👑 3 (DS1-Pending Disconnect 5/10/2002 Order MULTEQUIPFAC), 40080/T1	🕀 👑 3 (DS1-Pending 5/10/2002 Order MULTEQUIPFAC), 40080/T1
🗄 👑 4 (DS1-Pending Disconnect 5/10/2002 Order MULTEQUIPFAC), 40081/T1	🗄 📲 4 (DS1-Pending 5/10/2002 Order MULTEQUIPFAC), 40081/T1
_{≇ ∈} 5 (DS1-Unassigned)	_{≇ ∈} 5 (DS1-Unassigned)
_{≇∈} 6 (DS1-Unassigned)	_{≇ ∈} 6 (DS1-Unassigned)
arge = 7 (DS1-Unassigned)	arge ∈ 7 (DS1-Unassigned)

57. Complete the DD task.

After completing the DD task:

• The ports on the K02 DACS show an **Unassigned** status and the ports on the K05 DACS show an **In Service** status.

avbar	Equipment Inventory		
File 🗸	Edit 🗸 View 🗸 Options 🗸 Window 🗸		
View 1 -	nstalled Equipment GLPTMS55	\	View 2 - Installed Equipment GLPTMS55
	20 ECI DS1/E1 I/F DS1/E1 SHF SHELF 2 (GLPTMS55K02)		DE 20 ECI DS1/E1 I/F DS1/E1 SHF SHELF 2 (GLPTMS55K05)
	20001 <psu-a></psu-a>		• 20001 <psu-a></psu-a>
	20002 <psu-b></psu-b>		® 20002 <psu-b></psu-b>
	20003 <tci-a></tci-a>		🖲 20003 <tci-a></tci-a>
	A-20004 ECI LDS1 DS1 I/F		🛱 🛄 A-20004 ECI LDS1 DS1 I/F
	≩"∈ K02-2-A-1-1 (DS1-Unassigned)		🔄 🚆 K05-2-A-1-1 (DS1-In Service), 40070/T1 /GLPTMS55BB2/GLPTMS55K05 (In Service)
	A-20005 ECI LDS1 DS1 I/F		🖻 📶 A-20005 ECI LDS1 DS1 I/F
	K02-2-A-2-1 (DS1-Unassigned)		K05-2-A-2-1 (DS1-In Service), 40071/T1 /GLPTMS55BB2/GLPTMS55K05 (In Service)
	A-20006 ECI LDS1 DS1 I/F		🛱 🛄 A-20006 ECI LDS1 DS1 I/F
	₩ K02-2-A-3-1 (DS1-Unassigned)		K05-2-A-3-1 (DS1-In Service), 40080/T1 /GLPTMS55BB2/GLPTMS55K05 (In Service)
	A-20007 ECI LDS1 DS1 I/F		A-20007 ECI LDS1 DS1 I/F
E E	4-20008 ECI LDS1 DS1 I/F		⊞ • 🛄 A-20008 ECI LDS1 DS1 I/F
±	A-20009 ECI LDS1 DS1 I/F		⊞ · 🛄 A-20009 ECI LDS1 DS1 I/F
E E	A-20010 ECI LDS1 DS1 I/F		⊞ • 🛄 A-20010 ECI LDS1 DS1 I/F
E E	A-20011 ECI LDS1 DS1 I/F		⊞ · 🛄 A-20011 ECI LDS1 DS1 I/F
E E	LI A-20012 ECI LDS1 DS1 I/F		⊞ · 🛄 A-20012 ECI LDS1 DS1 I/F
±	🛄 A-20013 ECI LDS1 DS1 I/F		⊞-111 A-20013 ECI LDS1 DS1 I/F

 The circuit positions of the facility to the BB1 switch show an Unassigned status and the circuit positions of the facility to the BB2 switch show an In Service status.

bar Connection Hierarchy	
File 🗸 Edit 🗸 View 🖌 Options 🗸 Window 🗸	
View 1 - Connection Hierarchy Down	View 2 - Connection Hierarchy Down
50010/T3 /GLPTMS55BB1/GLPTMS55K04 (In Service)	50025/T3 /GLPTMS55BB2/GLPTMS55K04 (In Service)
_{≇∈} 1 (DS1-Unassigned)	💼 👑 1 (DS1-In Service), 40070/T1 🛛 /GLPTMS55BB2/GLPTMS55K05 (In Service)
_{≇ ∈} 2 (DS1-Unassigned)	🗄 👑 2 (DS1-In Service), 40071/T1 🛛 /GLPTMS55BB2/GLPTMS55K05 (In Service)
_{≇∈} 3 (DS1-Unassigned)	🗄 📲 3 (DS1-In Service), 40080/T1 🛛 /GLPTMS55BB2/GLPTMS55K05 (In Service)
_{≇∈} 4 (DS1-Unassigned)	📴 👑 4 (DS1-In Service), 40081/T1 🛛 /GLPTMS55BB2/GLPTMS55K05 (In Service)
_{≇ ∈} 5 (DS1-Unassigned)	
_{≇ ∈} 6 (DS1-Unassigned)	imi⊛i∈ 6 (DS1-Unassigned)
_{≇ ∈} 7 (DS1-Unassigned)	imi⊛i∈ 7 (DS1-Unassigned)
_{≇ ∈} 8 (DS1-Unassigned)	inge ∈ 8 (DS1-Unassigned)
_{≇ ∈} 9 (DS1-Unassigned)	imi⊛i∈ 9 (DS1-Unassigned)
_{≇ ∈} 10 (DS1-Unassigned)	inge E 10 (DS1-Unassigned)
_{≇ ∈} 11 (DS1-Unassigned)	inge E 11 (DS1-Unassigned)
_{≇ ∈} 12 (DS1-Unassigned)	inge in the state of the state
_{≇ ∈} 13 (DS1-Unassigned)	i ingeneration and the second
_{≇ ∈} 14 (DS1-Unassigned)	imi⊛i∈ 14 (DS1-Unassigned)

Scenario 5: Grooming a Virtual Connection by Inserting a Node in its Path

This scenario demonstrates how you can utilize the Network Grooming tool to enhance the existing design of a virtual connection. It shows you how to replace an existing bandwidth assignment between two nodes with two new bandwidth assignments connecting to and from a third node between the existing two nodes, essentially inserting the third node within the virtual connection's design.

As shown in Figure 3–7, the DEMO VC/MSS INCORPORATED/AUSTIN/DALLAS virtual connection will be unassigned from the 101/1GB/AUSTTX01/AUSTTX02 bandwidth connection, and then assigned to the two bandwidth connections, 101/1GB/AUSTTX01/AUSTTX03 and 101/1GB/AUSTTX02/AUSTTX03, connecting the AUSTIN 03 node to these two existing nodes.



Figure 3–7 Inserting a Node Into a Virtual Connection's Design

Figure 3–8 shows the DEMO VC/MSS INCORPORATED/AUSTIN/DALLAS virtual connection riding on the 101/1GB/AUSTTX01/AUSTTX02 bandwidth before the groom process.





To enhance the design of a virtual connection by replacing a single bandwidth assignment with two bandwidth assignments using the Network Grooming tool:

1. On the navigation bar, select **Inventory Management**, and then click **Network Grooming**.

2. Click the Add New link.

The Groom Request Types window is displayed.

- 3. Select Facility.
- 4. Click OK.

The New Groom Facility window is displayed.

- 5. In the Project Information section, complete the Groom Name, Description, Target Due Date, and Organization fields.
- 6. Select the Facility option.
- 7. Click Search.

The Connection Hierarchy Search window is displayed.

- 8. Select the Virtual check box.
- **9.** Specify the search criteria for the virtual connection and click **Search**. In this scenario, in the **Identification** field, enter **LIKE** %**MSS INC**% and click **Search**.

The New Groom Facility window displays the retrieved data.

10. Within this project, only the DEMO VC/MSS

INCORPORATED/AUSTIN/DALLAS virtual connection will be groomed. To add this connection to the Network Grooming workspace, either right-click the connection and select **Add To Groom** or click the **Add** button. The status of the connection changes to **Pending Groom**.

Similarly, you can query for more connections and place them in **Pending Groom** status. All the connections will be loaded into the new network grooming project. In scenarios where you want to groom all of the virtual connections from one bandwidth connection, you can query for the bandwidth connection and place it in **Pending Groom** status instead of querying for every child virtual connection individually. This automatically loads the workspace with all of the child virtual connections.

11. Select the **Far End** or **Near End** option for the type of groom you want to perform.

A near-end groom loads the workspace only with the child assignments to the selected parent, whereas a far-end groom loads every child connection's entire design path, allowing you to easily select and modify only the portion of the design you want to change.

12. Click OK.

The application creates the Network Grooming workspace and loads it with the selected data. For our project, the DEMO VC/MSS

INCORPORATED/AUSTIN/DALLAS virtual connection is brought into the workspace. Because you performed a far-end groom, the single connection is represented as nine distinct rows within the workspace, each row representing one bandwidth assignment along its design trail, as identified by the parent Connection IDs within the **Unassign From Connection ID** column.

vbar Network Groom - VIRTUAL GROOM			
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸			
Select View Select Search Mode			
Maintenance Current Equipment	C Facility Search		
Select Filter			
Select All 🔲 Reset Service Type: (None) 💌	Orig Location: (None) 📃 💌	Ter	m Location: (None)
Connections: 9			View - Undefined
Connection ID	Unassign From Connection ID	Ckt	
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /AUSTTX01 /AUSTTX03		
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /AUSTTX02 /AUSTTX02		
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /AUSTTX02 /AUSTTX03		
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /AUSTTX02 /DLLSTX02		
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /DLLSTX01 /DLLSTX03		
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /DLLSTX02 /DLLSTX02		
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /DLLSTX02 /DLLSTX03		
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB/ MSS INCORPORATED / AUSTIN		
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB/ MSS INCORPORATED / DALLAS		

- **13.** Select the **Facility** option.
- 14. Click Search.

The Connection Hierarchy Search window is displayed.

- 15. Select the Bandwidth check box.
- **16.** Specify the search criteria to retrieve the two bandwidth connections to which you want to groom the virtual connection and click **Search**. In this scenario, in the **Identification** field, enter **LIKE 101/1GB%**.

The 101/1GB/AUSTTX01/AUSTTX03 and 101/1GB/AUSTTX02/AUSTTX03 bandwidth connections are displayed along with many other connections within the Connection Hierarchy section of the Network Groom Maintenance window.

wbar Network Groom - VIRTUAL GROOM	
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸	
Select View	
Maintenance C Current C Equipment Facility Search	
Select Filter	
Select All Reset Service Type: (None) Virg Location: (None)	Term Location: (None)
Connections: 8	View 1 - Connection Hierarchy Down
Connection ID Unassign From Connection ID	101 /1 GB /AUSTTX01 /AUSTTX02 (In Service) - ETHERNET - DEMO AUST ETH ACCESS
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS 101 /1 GB /AUSTTX01 /AUSTTX02	101 /1 GB /AUSTIX01 /AUSTIX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS 101 /1 GB /AUSTTX02 /AUSTTX02	E 101 /1 GB (AUSTIXU2 (AUSTIXU2 (IN Service) - ETHERNET - DEMO AUSTIENET E 101 /1 GB (AUSTIXU2 (AUSTIXU3 (In Service) - ETHERNET - DEMO AUSTIENA ACCESS
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS 101 /1 GB /AUSTTX02 /DLLSTX02	101 (1 GB (AUSTIX02 (DUISTX02 (In Service) - ETHERNET - DEMO ROST ETH RECESS
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS 101 /1 GB /DLLSTX01 /DLLSTX03	Tot /1 GB /BLEDNJAG /ELZBNJ28 (In Service) - ETHERNET - CA0002
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS 101 /1 GB /DLLSTX02 /DLLSTX02	101 /1 GB /BLFDNJAG /NWRKNJMD (In Service) - ETHERNET - ETHERNET DEMO
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS 101 /1 GB /DLLSTX02 /DLLSTX03	PC 101 /1 GB /BLFDNJAG /PRNYNJ25 (In Service) - ETHERNET - CA0002
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS 101 /1 GB/ MSS INCORPORATED / AUSTIN	101 /1 GB /DLLSTX01 /DLLSTX02 (In Service) - ETHERNET - DEMO DLLS ETH ACCESS
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS 101 /1 GB/ MSS INCORPORATED / DALLAS	101 /1 GB /DLLSTX01 /DLLSTX03 (In Service) - ETHERNET - DEMO DLLS ETH ACCESS
	101 /1 GB /DLLSTX02 /DLLSTX02 (In Service) - ETHERNET - DEMO ETHERNET
	101 /1 GB /DLLSTX02 /DLLSTX03 (In Service) - ETHERNET - DEMO DLLS ETH ACCESS
	101 /1 GB /ELZBNJ28 /PRNYNJ25 (In Service) - ETHERNET - CA0002
	101 /1 GB /HCVLNYAH /PLVWNYDW (In Service) - ETHERNET - CA0001
	101 /1 GB /HCVLNYAH /PLVWNYES (In Service) - ETHERNET - CA0001
	101 /1 GB /NBRGNJ28 /NWRKNJMD (In Service) - ETHERNET - LIGHTPATH CORE
	101 /1 GB /NBRGNJ28 /WHWKNJ23 (In Service) - ETHERNET - LIGHTPATH CORE
	101 /1 GB /NWRKNJMD /PRNYNJ25 (In Service) - ETHERNET - ETHERNET DEMO
	101 /1 GB /NWRKNJMD /WHWKNJ23 (In Service) - ETHERNET - LIGHTPATH CORE
	101 /1 GB /PLVWNYDW /PLVWNYES (In Service) - ETHERNET - CA0001
	101 /1 GB /PLVWNYES /WHWKNJ23 (In Service) - ETHERNET - ETHERNET DEMO
	101 /1 GB / ALLSTAR ELECTRONICS / HICKSVILLE (In Service) - ETHERNET - ETHERNET DEMO
	101 /1 GB / ALLSTAR ELECTRONICS / ELIZABETH (In Service) - ETHERNET - ETHERNET DEMO
	101 /1 GB/ MSS INCORPORATED / AUSTIN (In Service) - ETHERNET - DEMO ETHERNET
	101 /1 GB/ MSS INCORPORATED / DALLAS (In Service) - ETHERNET - DEMO ETHERNET

17. To groom the virtual connection from the existing bandwidth connection to the first of the two bandwidth connections taking its place, select the DEMO VC/MSS INCORPORATED/AUSTIN/DALLAS virtual connection row containing 101/1 GB/AUSTTX01/AUSTTX02 in the Unassign From Connection ID column in the list view of the Network Groom Maintenance window.

Note: If you want to groom multiple child connections from this same bandwidth connection, sort by the **Unassign From Connection ID** column, and then multi-select all of the rows representing the child connection assignments to this parent.

18. Right-click the **101/1GB/AUSTTX01/AUSTTX03** bandwidth connection in the hierarchical view and select **Groom To**.

Note: When multiple rows are selected, each of the selected rows will be groomed to the targeted bandwidth connection.

/bar Network Groom - VIRTUAL GROOM		
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸		
-Select View Select Search Mode C Current C Equipment	Facility Search	
Select Filter		
Select All Reset Service Type: (None)	Orig Location: (None)	Term Location: (None)
Connections: 8		View 1 - Connection Hierarchy Down
Connection ID	Unassign From Connection ID	ETHERNET - DEMO AUST TX01 /AUST X02 (In Service) - ETHERNET - DEMO AUST ETH ACCESS
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /AUSTTX02 /AUSTTX02 101 /1 GB /AUSTTX02 /AUSTTX02 101 /1 GB /AUSTTX02 /AUSTTX02 101 /1 GB /AUSTTX02 /AUSTTX03 101 /1 GB /AUSTX01 /AUSTX03 101 /1 GB /AUSTX02 /AUSTX03 101 /1 GB/MSS INCORPORATED / AUSTIN 101 /1 GB/MSS INCORPORATED / DALLAS	Image: Service) - ETHERNET - GEMANALEX ETABLACCESS Image: Service - Service) - ETHERNET - SERVICE - S

When an assignment has been successfully marked for assignment, a blue check mark appears in the first column of the row representing the assignment. In addition, the pending assignment is also displayed within the Connection Hierarchy view of the parent connection. The pending assignment has **Pending Groom** status.

vbar Network Groom - VIRTUAL GROOM	
File Edit View Options Window Select View Select Search Mode C Equipment Facility Select Filter Select Filter Select All Orig Location: [None] Image: Content of the search of	Term Location: [None]
Connections: 8 Connection: 8 Connection ID Connection ID Connection ID Unassign From Connection ID DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS DEMO VC / MSS INCORPORATED / DALLAS DEMO VC / MSS INCORPORATED / DALLAS DEMO VC / MSS INCORPORATED / D	View 1 - Connection Hierarchy Down [1] 101 /1 G8 (AUSTTX01 /AUSTTX02 (In Service) - ETHERNET - DEMO AUST ETH ACCESS [10] 1/1 G8 (AUSTTX01 /AUSTTX02 (In Service) - ETHERNET - DEMO AUST ETH ACCESS [2] 101 /1 G8 (AUSTTX02 /AUSTTX02 (In Service) - ETHERNET - DEMO AUST ETH ACCESS [2] 101 /1 G8 (AUSTTX02 /AUSTTX02 (In Service) - ETHERNET - DEMO AUST ETH ACCESS [2] 101 /1 G8 (AUSTTX02 /AUSTTX02 (In Service) - ETHERNET - DEMO AUST ETH ACCESS [3] 101 /1 G8 (AUSTTX02 /AUSTTX02 (In Service) - ETHERNET - DEMO AUST ETH ACCESS [4] 101 /1 G8 (BLFDNJAG (INWRNIMD (In Service) - ETHERNET - CA0002 [5] 101 /1 G8 (BLFDNJAG (IRWRNIZS (In Service) - ETHERNET - CA0002 [5] 101 /1 G8 (BLFDNJAG /PRWNIZS (In Service) - ETHERNET - CA0002 [5] 101 /1 G8 (BLFDNJAG /PRWNIZS (IN Service) - ETHERNET - CA0002 [5] 101 /1 G8 (BLFDNJAG /PRWNIZS (IN Service) - ETHERNET - CA0002 [5] 101 /1 G8 (DULSTX01 /DLLSTX02 (IN Service) - ETHERNET - DEMO DULS ETH ACCESS [6] 101 /1 G8 (DLLSTX01 /DLLSTX03 (IN Service) - ETHERNET - DEMO DULS ETH ACCESS

19. In this scenario, you are replacing one bandwidth assignment with two bandwidth assignments. A single row within the workspace can only represent one current assignment and one pending assignment. Therefore, you must create a new row within the workspace for the virtual connection. To do this, select any row representing the DEMO VC/MSS INCORPORATED/AUSTIN/DALLAS virtual connection and click the **copy** icon at the bottom of the window.

vbar Network Groom - VIRTUAL GROOM			
File 🗸 Edit 🖌 View 🖌 Options 🗸 Window 🗸			
Select View Select Search Mode			
Maintenance O Current O Equipment	 Facility 	Search	
Select Filter			
Select All Reset Service Type: (None)	Orig Loc	ation: (None)	•
Connections: 8		View 1 - Connection	Hierarchy Down
Connection ID	Unassign Fr	📇 101 /1 GB /AU	STTX01 /AUST1
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /A	🟪 101 /1 GB /AU	STTX01 /AUST1
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /A	📔 💒 DEMO VC / I	MSS INCORPORA
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /A	101 /1 GB /AU	STTX02 /AUSTI
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /D	101 /1 GB /AU	STTX02 /AUSTI
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /D	101 /1 GB /AU	STTX02 /DLLST
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /D	101 /1 GB /BLF	DNJAG (ELZBN
DEMO VC / MSS INCOBPOBATED / AUSTIN / DALLAS	101 /1 GB/ M		DNJAG (NWRK
DEMO VC / MSS INCOBPOBATED / AUSTIN / DALLAS	101 /1 GB/ M		CINDAG (PRINTIN
			STADI (DELSTA
			STYD2 /DUISTY
			STYD2 /DLLSTA
			28N128 /DELDTA
			VENVAH (PEVW)
		101 /1 GB /HC	VINVAH (PLVW
📘 , 📭 🖄 🖂 🔟		P 101 /1 CR /NR	DCN128 /NW/DV
	•	<	

A new row appears displaying the copied virtual connection. The **Unassign From Connection ID** column for this virtual connection is blank, which signifies that this row does not represent a current assignment to a bandwidth connection, but it can be used to make a pending groom assignment to a new bandwidth.

vbar Network Groom - VIRTUAL GROOM	
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸	
Select View Select Search Mode	
Maintenance C Current C Equipment	Facility Search
Select Filter	
Select All 🔲 Reset Service Type: (None) 💌	Orig Location: (None)
Connections: 9	
Connection ID	Unassign From Connection ID
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /AUSTTX01 /AUSTTX02
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /AUSTTX02 /AUSTTX02
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /AUSTTX02 /DLLSTX02
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /DLLSTX01 /DLLSTX03
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /DLLSTX02 /DLLSTX02
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /DLLSTX02 /DLLSTX03
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB/ MSS INCORPORATED / AUSTIN
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB/ MSS INCORPORATED / DALLAS

- **20.** Select the newly-added row for the DEMO VC/MSS INCORPORATED/AUSTIN/DALLAS virtual connection in the list view of the Network Groom Maintenance window.
- **21.** To make the second bandwidth assignment, right-click the **101/1GB/AUSTTX02/AUSTTX03** bandwidth connection and select **Groom To**.

vbar Network Groom - VIRTUAL GROOM		
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸		
Select View Select Search Mode		
Maintenance C Current C Equipment	Facility Search	
Select Filter Select All Reset Service Type: [None]	Orig Location: (None) 📃	Term Location: (None)
Connections: 9		View 1 - Connection Hierarchy Down
Connection ID DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	Unassign From Connection ID 101 /1 GB /AUSTTX01 /AUSTTX02 101 /1 GB /AUSTTX02 /AUSTTX02 101 /1 GB /AUSTTX02 /DLLSTX02	¹¹ /1 GB /AUSTTX01 /AUSTTX02 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX01 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX02 (In Service) - ETHERNET - DEMO ETHERNET ¹¹ /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO ETHERNET ¹¹ /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX02 /AUSTTX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX04 - DEMO ETHERNET - DEMO AUST ETH ACCESS ¹² /1 (In GB /AUSTTX04 - DEMO ETHERNET - DEM
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /DLLSTX01 /DLLSTX03 101 /1 GB /DLLSTX02 /DLLSTX02 101 /1 GB /DLLSTX02 /DLLSTX03 101 /1 GB /MSS INCORPORATED /AUSTIN	101 /1 GB /AUSTIXU2 (DLLSIXU2 (In Service) - ETHERNET 101 /1 GB /BLFDNJAG /ELZBNJ28 (In Service) - ETHERNET 101 /1 GB /BLFDNJAG /RMWRNJMD (In Service) - ETHERNET 101 /1 GB /BLFDNJAG /PRNYNJ25 (In Service) - ETHERNE
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB/ MSS INCORPORATED / DALLAS	101 /1 G8 /DLISTX01 /DLISTX02 (In Service) - ETHERNET Condition Codes £101 /1 G8 /DLISTX02 /DLISTX02 (In Service) - ETHERNET Add Add £101 /1 G8 /DLISTX02 /DLISTX02 (In Service) - ETHERNET Add Add £101 /1 G8 /DLISTX02 /DLISTX03 (In Service) - ETHERNET Edit Edit
		E 101 /1 GB /HCVLNVAH /PLVWNVDW (In Service) - ETHERN Groom To 5 101 /1 GB /HCVLNVAH /PLVWNVDES (In Service) - ETHERN Groom Optical Hierochy To 5 101 /1 GB /NBRGN228 /NWRKNJMD (In Service) - ETHERN Remove Groom 5 101 /1 GB /NWRKNJMD /MWRKNJ23 (In Service) - ETHERN Prink 5 101 /1 GB /NWRKNJMD /PRNVNJ25 (In Service) - ETHERN Prink 5 101 /1 GB /NWRKNJMD /PRNVNJ25 (In Service) - ETHERN Prink 5 101 /1 GB /NWRKNJMD /PRNVNJ25 (In Service) - ETHERN Prink 5 101 /1 GB /NWRKNJMD /PRNVNYL25 (In Service) - ETHERN View Prink 5 101 /1 GB /NWRKNJMD (PRNVNYL25 (In Service) - ETHERN View Prink

A check mark appears on the row representing the assignment and the hierarchy view displays the child virtual connection with a **Pending Groom** status.

wbar Network Groom - VIRTUAL GROOM							
File Edit View Options Window Select View Select Search Mode C Equipment • Maintenance C Current C Equipment C Select Filter Select All Reset Service Type: [[None]	Facility Search	Term Location: None)					
Connections: 9 Connection ID	Unassign From Connection ID	View 1 - Connection Hierarchy Down Ctt 🎬 101 /1 GB /AUSTTX01 /AUSTTX02 (In Service) - ETHERNET - DEMO AUST ETH ACCESS					
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 G8 /AUSTTX01 /AUSTTX02 101 /1 G8 /AUSTTX02 /AUSTTX03 101 /1 G8 /AUSTX03 101 101 /1 G8 /AUSTX03 101 101 /1 G8 /MUSTX03 101 101 /1 G8 /MUSTX03 101 101 /1 G8 /MSS INCORPORATED / AUSTIN 101 /1 G8 /MSS INCORPORATED / DALLAS	<u>F5</u> 101 <u>J</u> (B (AUSTIX01 (AUSTIX03 (In Service) - ETHERNET - DEMO AUST ETH ACCESS <u>F5 <u>F5 </u></u>					

You have now specified the existing bandwidth assignment to replace along with the two bandwidth assignments that will replace it. You must remove the rows representing the assignments that you do not want to modify from the workspace because every row containing an assignment within the **Unassign From Connection ID** column is unassigned when the project is processed.

22. To remove the assignments that should not be groomed from the groom project, select the assignments you want to remove and click **Delete** (eraser icon) at the bottom of the window.

A confirmation message is displayed.

Note: Remove all assignments that should not be groomed from the groom project. In this scenario, if these bandwidth assignments are not deleted from the project and no bandwidth connection is selected in the hierarchical view for these assignments, these assignments will be removed and not replaced when the groom is processed.

23. Click **Yes to All** to confirm that of the selected rows should be deleted from the groom project.

avbar Network Groom - VIRTUAL GROOM		
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸		
Select View		
Maintenance O Current O Equipment	G Facility Search	
Select Filter		
Select All 🔲 Reset Service Type: (None) 💌	Orig Location: (None)	Term Location: (None)
Connections: 9		View 1 - Connection Hierarchy Down
Connection ID	Unassign From Connection ID	Ckt 🚆 101 /1 GB /AUSTTX01 /AUSTTX02 (I
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS		101 /1 GB /AUSTTX01 /AUSTTX03 (I
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /AUSTTX01 /AUSTTX02	
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /AUSTTX02 /AUSTTX02	PC 101 /1 CB /AUSTIX02 /AUSTIX02 (I
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /AUSTTX02 /DLLSTX02	✓ DEMO VC / MSS INCORPORATED / A
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /DLLSTX01 /DLLSTX03	
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /DLLSTX02 /DLLSTX02	101 /1 GB /BLFDNJAG /ELZBNJ28 (Ir
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	101 /1 GB /DLLSTX02 /DLLSTX03	💻 🖺 101 /1 GB /BLFDNJAG /NWRKNJMD
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	10 ⁷	JAG /PRNYNJ25 (I
DEMO VC / MSS INCORPORATED / AUSTIN / DALLAS	10 • warning	K01 /DLLSTX02 (In
		K01 /DLLSTX03 (In
	You have selected 7 rows.	KO2 /DLLSTXO2 (In
	Delete these rows?	
		YAH (PLVWNYES (
		JJ28 /NWRKNJMD
	<u>Y</u> es Yes to <u>A</u> ll <u>N</u> o	Cancel JJ28 /WHWKNJ23
		NJMD /PRNYNJ25
		HE THE OLGE NUMPENIME (WHWEN123

24. If you have set up custom attributes to manage the allocation parameters and want to assign the new values within the workspace, right-click the virtual connection and select **Specify Virtual Channel**.

The Virtual Channel Assignment window is displayed.

If the template is set up to automatically generate the next available value, the system pre-populates the window with these values. Otherwise, you can manually enter the values.

- 25. Click OK.
- **26.** To view more details of the groom project, select the **Current** option in the Select View section in the top left corner of the screen.

vbar Network Groom - VIF	RTUAL GROOM							
File 🗸 Edit 🗸 View 🗸 Options 🗸 Wir	File Edit View Options Window							
Select View	-Project Information							
C Maintenance C Current	Groom Name: VIF	TUAL GROOM	Target Due Date:	6/12/2012				
	Description: Gro	ooming virtual connections	Organization:	DATALOA	D			
Select Filter								
Select All 🔽 Reset Service Type: (None) 🔽 Orig Location: (None) 🔽 Term Location: (None)								
Connections: 2								
Connection ID		Unassign From Connectio	n ID	Ckt Pos	Current Allocation Parameters			
DEMO VC / MSS INCORPORATED /	AUSTIN / DALLAS							
DEMO VC / MSS INCORPORATED /	AUSTIN / DALLAS	101 /1 GB /AUSTTX01 /AU	STTX02		C-VLAN: 201 VLAN_ID: 206			

The values in the **Current Allocation Parameters** and **New Allocation Parameters** columns are different.

File - Edit - View - Options - N		akoom				
Select View	Project Ir Groom N Descripti	nformation lame: ion:	VIRTUAL GROOM Grooming virtual connections	Target Due Date: Organization:	6/12/20)12 OAD
Select Filter Select All Reset Servic	e Type: (No	one) 💌	Orig Location: (None)	•	Term	Location: [
Assign To Connection ID		Ckt Pos	New Allocation Parameters	Assign To Equ	lip	To Base
101 /1 GB /AUSTTX02 /AUSTTX03			C-VLAN: 101 VLAN_ID: 201			

You have now finished all the design changes. You must validate the project to verify that the assignments are valid. Validation takes place within the **Groom To** action, but because all network grooming projects are self-contained workspaces and may be built and worked over a long time frame, the inventory could have changed since the data was initially loaded into the workspace.

- 27. From the Options menu, select Validate.
- **28.** From the **File** menu, select **Save**.
- **29.** Close the Network Groom Maintenance window and return to the Network Groom Search window.
- **30.** If your project is not already listed, click **Modify Search**.
- 31. Specify the name of the groom in the Groom Name field and click Search.

The network groom is displayed in the Network Groom Search window.

To process the design changes completed within the Network Grooming workspace, create an order.

32. Select the groom projects and, from the **Options** menu, select **Create EWO** or **Create ISR**.

This automatically generates the grooming order and pre-populates it with all of the connections contained within the selected grooming projects. The ISR or EWO opens in read-only view because the information is retrieved from the saved groom and adding or removing connections from the order is not allowed. In addition, all network grooming projects associated to an open order are also read-only because modifying the workspace will invalidate the order. To make changes to the grooming workspace, you must supplement-cancel the order to place the project back in **Created** status.

- **33.** Depending on the type of order you create, do one of the following:
 - For an EWO order:
 - a. Under Related Pages, click Manage Tasks.
 - **b.** Under Actions, click Assign Tasks.
 - For an ISR order:
 - a. From the Options menu, select Task Generations/Maintenance.
- **34.** Select a provisioning plan containing the DLRD (or similar) task and DD task at a minimum and assign the tasks to the appropriate work queues and click **OK**.

- 35. Complete the task preceding the DLRD (or similar) task.
- **36.** Double-click the DLRD (or similar) task.

The Service Request Connections window is displayed, listing all of the connections on the order/project.

37. From the **Options** menu, select **Process Groom**.

Note: You can supplement-cancel grooming orders until this step. After the application has started processing the data from the workspace, you cannot cancel the order. You can process small projects on the client machine. Oracle recommends that you process larger projects within the Background Processor.

A confirmation message is displayed.

38. Click Yes.

The network groom project is processed.

- **39.** After the groom processing is complete, you must place the connections in **Record Issued** or **DLR Issued** status.
- 40. From the Options menu, select Group Print.

The Print window is displayed.

- **41.** Do one of the following:
 - To issue the connection layout record (CLR) or graphical layout record (GLR), select the Mark as Record Issued check box.
 - To issue the design layout report (DLR), select the Mark as DLR Issued check box.
- 42. Click OK.
- **43.** Complete the DLRD (or similar) task.

After completing the DLRD (or similar) task, but before completing the DD task, the child DEMO VC/MSS INCORPORATED/AUSTIN/DALLAS virtual connection riding on the 101/1GB/AUSTTX01/AUSTTX02 bandwidth will show a Pending Disconnect status and both the new parent bandwidth connections, 101/1GB/AUSTTX01/AUSTTX03 and 101/1GB/AUSTTX02/AUSTTX03, will show this child in a Pending status.

44. Complete the DD task.

After completing the DD task, the child DEMO VC/MSS INCORPORATED/AUSTIN/DALLAS virtual connection will no longer be assigned to the 101/1GB/AUSTTX01/AUSTTX02 bandwidth and will be assigned to the two new bandwidth connections, 101/1GB/AUSTTX01/AUSTTX03 and 101/1GB/AUSTTX02/AUSTTX03. The schematic design will be updated accordingly to represent the virtual connection's new design.

Figure 3–9 shows that the DEMO VC/MSS INCORPORATED/AUSTIN/DALLAS virtual connection now rides on two new bandwidth connections, 101/1GB/AUSTTX01/AUSTTX03 and 101/1GB/AUSTTX02/AUSTTX03, after the groom has been processed.



Figure 3–9 Schematic Design After the Virtual Connection Is Groomed

Scenario 6: Grooming Templated Physical Connections

This scenario demonstrates how you may use the Network Grooming Tool to groom a physical bandwidth connection from one parent facility to another coterminous parent facility, which may be performed for capacity management, facility utilization, or other reasons.

In this example, the 4001/T0/SAAVPQXT/TABNUTXC bandwidth connection is unassigned from the 99990/T1/SAAVPQXT/TABNUTXC parent facility and this assignment is replaced by an assignment to the 99991/T1/SAAVPQXT/TABNUTXC parent facility.

Figure 3–10 illustrates this scenario.

Figure 3–10 Facility Riding on Bandwidth



To groom a physical bandwidth connection from one parent facility to another coterminous parent facility:

- 1. On the navigation bar, select **Inventory Management**, and then click **Network Grooming**.
- 2. Click the Add New link.

The Groom Request Types window is displayed.

- 3. Select Facility.
- 4. Click OK.

The New Groom Facility window is displayed.

- 5. In the Project Information section, complete the Groom Name, Description, Target Due Date, and Organization fields.
- 6. Select the Facility option.
- 7. Click Search.

The Connection Hierarchy Search window is displayed.

- **8.** Select the **Facility** check box.
- **9.** Specify the search criteria for the current parent facility and click **Search**. In this scenario, in the **Identification** field, enter **9990/T1/SAAVPQXT/TABNUTXC**.

The New Groom Facility window displays the connections matching the search criteria.

10. Select the 99990/T1/SAAVPQXT/TABNUTXC facility and click Add.

The status of the **99990/T1/SAAVPQXT/TABNUTXC** facility changes to **Pending Groom**.

🧇 New Groom	Facility			? 🗙						
Please enter the Project Name, description, and Target Due Date of the project and select whether to search by Equipment or Facility. Then, specify either a far or near end groom.										
Project Information	- Project Information									
Groom Name:	TEST_002	Target Due Date:	4/25/2012							
Description:	bandwidth connection groom	Organization:	DATALOAD	_						
Select Search Mo	Pacility Network Location: Location:		<u> </u>	Search						
View 1 - Connection 99990/T1 /S # 1 (DSO-In S # 2 (DSO-Un. # 3 (DSO-Un. # 4 (DSO-Un. # 5 (DSO-Un. # 5 (DSO-Un. # 16 (DSO-Un.	n Hierarchy Down 99990 SAAVPQXT /TABNUTXC (Pend Service), 4001/T0/SAAVPQXT/TA assigned) assigned) assigned) nassigned)	ling Groom) &BNUTXC (In Service)								
arge 17 (DS0-Un arge 18 (DS0-Un C FarEnd 0	nassigned) nassigned) • Near End	Remove	AddO	K Cancel						

- **11.** Select the **Near End** option because you want to groom only the child connections from this parent facility.
- **12.** Click **OK**.

The 4001/T0/SAAVPQXT/TABNUTXC child bandwidth connection's channel assignment to the current 99990/T1/SAAVPQXT/TABNUTXC parent facility is displayed in the list view of the Network Groom Maintenance window.

avbar Network Groom - TEST_002			
File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸			
Select View Select Search Mode G Current G Equipment	Facility Search		
Select Filter			
Select All Reset Service Type: (None)	Orig Location: (None)	Term Location: [(None)	-
Connections: 1			View - Undefined
Connection ID	Unassign From Connection ID	Ckt Pos Current Allocat	
4001/T0/SAAVPQXT/TABNUTXC	99990/T1 /SAAVPQXT /TABNUTXC	1	

- **13.** Select the **Facility** option.
- 14. Click Search.

The Connection Hierarchy Search window is displayed.

- **15.** Select the **Facility** check box.
- **16.** Specify the search criteria to retrieve the new parent T1 facility and click **Search**. In this scenario, in the **Identification** field, enter **99991/T1/SAAVPQXT/TABNUTXC**.

The **99991/T1/SAAVPQXT/TABNUTXC** facility is displayed in the hierarchical view of the Network Groom Maintenance window.

- In the list view of the Network Groom Maintenance window, select the 4001/T0/SAAVPQXT/TABNUTXC bandwidth connection in the list view of the Network Groom Maintenance window.
- **18.** Right-click the **99991/T1/SAAVPQXT/TABNUTXC** facility in the hierarchical view and select **Groom To**. You can also right-click on a specific channel to make the assignment, if required.

Select View Select Search Mode C Gurrent C Equipment 6	Facility Search		
Select Filter Select All Reset Service Type: [None]	Orig Location: [None]	Term Location: [None]	View 1 - Connection Hierarchy Down
Connection ID 4001/T0/SAAVP0XT/TABNUTXC	Unassign From Connection ID 99990/T1 /SAAVPOXT /TABNUTXC	Ckt Pos Current Allocat	

A check mark appears in the first column of the selected rows representing the groomed assignments. The pending assignment is also displayed in the Connection Hierarchy view of the parent facility, identified with a **Pending Groom** status.

/bar	Network Groom - TEST_002										
File 🖥	ile + Edit + View + Options + Window +										
Sele	Select Yew Select Search Mode										
œ	© Maintenance C Current C Equipment © Facility Search										
Sele	ect Filter										
Sel	lect All 🗌 Reset Service Type: (None) 💌	Orig Location: (None)	Term Location: (None)	▼							
Conn	ections: 1	w 1 - Connection Hierarchy Down									
	Connection ID	Unassign From Connection ID	Ckt Pos Current Allocat	99991/T1 /SAAVPQXT /TABNUTXC (In Service)							
1	4001/T0/SAAVPQXT/TABNUTXC	99990/T1 /SAAVPQXT /TABNUTXC	1	∎ 🗧 1 (DS0-Unassigned), 4001/T0/SAAVPQXT/TABNUTXC (Pending Groom)							
				i≇ ∈ 2 (DS0-Unassigned)							
				i≩ ∈ 3 (DS0-Unassigned)							
				≈ ∈ 4 (DS0-I Inassigned)							

19. To view more details of the groom project, select the **Current** option in the Select View section in the top left corner of the screen.

vbar Network Groom - TEST_002			
File ← Edit ← View ← Options ← Window ←			
C Maintenance C Current Description: Date	ST_002 Target Due Date: ndwidth connection groom Organization:	7/25/2012 DATALOAD	
Select All Reset Service Type: (None)	Orig Location: [(None)	Term Location: (None)	
Connection ID	Unassign From Connection ID	Ckt Pos C U F Assign To Connection ID	Ckt Pos
4001/T0/SAAVPQXT/TABNUTXC	99990/T1 /SAAVPQXT /TABNUTXC	1 999991/T1 /SAAVPQXT /T	ABNUTXC 1

You have now finished all the design changes. You must validate the project to verify that the assignments are valid. Validation takes place within the **Groom To** action, but because all network grooming projects are self-contained workspaces and may be built and worked over a long time frame, the inventory could have changed since the data was initially loaded into the workspace.

- 20. From the Options menu, select Validate.
- 21. From the File menu, select Save.
- **22.** Close the Network Groom Maintenance window and return to the Network Groom Search window.
- **23.** If your project is not already listed, click **Modify Search**.
- 24. Specify the name of the groom in the Groom Name field and click Search.

The network groom is displayed in the Network Groom Search window.

To process the design changes completed within the Network Grooming workspace, create an order.

25. Select the groom project and, from the **Options** menu, select **Create EWO** or **Create ISR**.

This automatically generates the grooming order and pre-populates it with all of the connections contained within the selected grooming projects. The ISR or EWO opens in read-only view because the information is retrieved from the saved groom and adding or removing connections from the order is not allowed. In addition, all network grooming projects associated to an open order are also read-only because modifying the workspace will invalidate the order. To make changes to the grooming workspace, you must supplement-cancel the order to place the project back in **Created** status.

- **26.** Depending on the type of order you create, do one of the following:
 - For an EWO order:
 - a. Under Related Pages, click Manage Tasks.

- b. Under Actions, click Assign Tasks.
- For an ISR order:
 - a. From the Options menu, select Task Generations/Maintenance.
- **27.** Select a provisioning plan containing the DLRD (or similar) task and DD task at a minimum and assign the tasks to the appropriate work queues and click **OK**.
- **28.** Complete the task preceding the DLRD (or similar) task.
- **29.** Double-click the DLRD (or similar) task.

The Service Request Connections window is displayed, listing all of the connections on the order/project.

30. From the Options menu, select Process Groom.

Note: You can supplement-cancel grooming orders until this step. After the application has started processing the data from the workspace, you cannot cancel the order. You can process small projects on the client machine. Oracle recommends that you process larger projects within the Background Processor.

A confirmation message is displayed.

31. Click **Yes**.

The network groom project is processed.

- **32.** After the groom processing is complete, you must place the connections in **Record Issued** or **DLR Issued** status.
- 33. From the Options menu, select Group Print.

The Print window is displayed.

- **34.** Do one of the following:
 - To issue the connection layout record (CLR) or graphical layout record (GLR), select the **Mark as Record Issued** check box.
 - To issue the design layout report (DLR), select the Mark as DLR Issued check box.
- **35.** Click **OK**.
- **36.** Complete the DLRD (or similar) task.

After completing the DLRD (or similar) task, but before completing the DD task, the 4001/T0/SAAVPQXT/TABNUTXC bandwidth connection will show a **Pending Disconnect** status on the previous 99990/T1/SAAVPQXT/TABNUTXC parent facility and the 4001/T0/SAAVPQXT/TABNUTXC bandwidth connection will show a **Pending** status on the new 99991/T1/SAAVPQXT/TABNUTXC parent facility.

37. Complete the DD task.

After completing the DD task, the 4001/T0/SAAVPQXT/TABNUTXC bandwidth connection will no longer be assigned to the previous 99990/T1/SAAVPQXT/TABNUTXC parent facility and the 4001/T0/SAAVPQXT/TABNUTXC bandwidth connection will show an **In Service** status on the new 99991/T1/SAAVPQXT/TABNUTXC parent facility.

Scenario 7: Grooming an NPA/NXX Switch

MetaSolv Solution provides telephone number (TN) grooming functionality that moves blocks of telephone numbers between network locations (switch CLLIs). In NPA/NXX switch grooming, an NPA/NXX (block/range) associated to a switch location is groomed to another switch location. In this scenario, an NPA/NXX (974/920) block with a range 0000 to 0999 will be groomed from the BRBOVTMADS0 switch location to the RDBOVTTURS1 switch location.

Figure 3–11 illustrates this scenario.

Figure 3–11 NPA/NXX Switch Grooming



To move a TN block from one switch location to another switch location:

- 1. On the navigation bar, select **Application Setup**, and then click **Inventory Management Setup**.
- 2. Under Number Inventories, click Change Switch for Prefixes.

The Change Switch or OCN for NPA/NXX window is displayed.

🔗 Change	Switch or O	CN for NP/	WNXX						? 🔀
Criteria				Upd.	ate Information				
Existing Switch Location NPA NXX Holder Code					e From Range T	o Switch To		OCN To	
BBBOVT	MADS0 👻	974 💌	920 V Block		0999	BDBOVT	TUBS1		
Joneorni					,0000	JIIDDOVI		-	
Results									
Original	NIDA	LICA.2	Denes Free	Danas Ta	LOCH.	Litelater Conta			
onginai.	NPA 074	NXX 000	Range From	Range Io	ULN 0100	Holder Lode	-1		
	974	920	1000	1000	9102	Block	-		
	374	320	1000	1333	3102	DIUCK			
Update:	NPA	NXX	Range From	Range To	OCN	Holder Code	Switch To	OCN 1	0
	974	920	0000	0999	9102	Block	RDBOVTTUR	S1	
	974	920	1000	1999	9102	Block			
	1				Reset				

3. Enter the required information in the **Existing Switch Location**, **NPA**, **NXX**, and **Holder Code** fields.

In this scenario, set **Existing Switch Location** to **BRBOVTMADS0**, **NPA** to 974, **NXX** to 920, and **Holder Code** to **Block**.

4. Enter the required information in the **Range From**, **Range To**, and **Switch To** fields.

In this scenario, set **Range From** to **0000**, **Range To** to **0999**, and **Switch To Location** to **RDBOVTTURS1**.

5. Click Apply.

The data populates in the Update section of the Results frame.

6. Click Process.

A message is displayed prompting you to confirm if you want to process the blocks.

7. Click Yes.

A notification message is displayed that informs you that circuits that have a status of **In Service**, **Suspend**, or **Pending Disconnect** will be moved to the specified switch-to location, but will not be sent to the Network Grooming tool.

8. Click Close.

The Network Groom Maintenance window is displayed.

9. Right-click on a connection ID and select **Load Switch Location**.
File 👻 Edit 👻 View 👻	Options 👻 🛛 Window 👻				Help 🗸	×
Select View	Current	n Mode nt C Facility [Search			
Select Filter						1
Select All 📃 🛛 🦷 R	eset Service Type: (None)	Orig Locati	on: (None) 📃 💌	Term Location: (None)	•	
Connections: 11			View - Undefined			
Connection ID		Unassign Fro				_
974-920-0109-0						
974-920-0114-0	Go To Equipment					
974-920-0101-0	Go To Connection					
974-920-0114-0						
974-920-0102-0	Load Switch Location					
974-920-0103-0	Remove Groom					
974-920-0104-0						
974-920-0105-0	Connection Reference					
974-920-0106-0	Specify Virtual Channel					
974-920-0107-0						
974-920-0108-0						

The switch-to location is displayed in the hierarchical view. In this scenario, the RDBOVTTURS1 switch location is displayed.

File 🗸 Edit 🗸 View 🗸 Options 🗸 Window 🗸	
Select View	
Maintenance Current Equipment C Facility	Search
Select Filter	
Select All 🔲 Reset Service Type: (None) 💌 Orig L	ocation: (None) 💽 Term Location: (None)
Connections: 11	View 1 - Installed Equipment RDBOVTTUR51
Connection ID Unassign F	Fron DS0-4 (DS0-In Service), 974-920-0115-0 (In Service)
974-920-0109-0	DS0-5 (DS0-In Service), 974-920-0116-0 (In Service)
974-920-0114-0	🔤 🖉 🖉 DS0-6 (DS0-Unassigned)
974-920-0101-0	ਡੂ≝_ DS0-7 (DS0-Unassigned)
974-920-0102-0	maria DS0-8 (DS0-Unassigned)
974-920-0114-0	jige DS0-9 (DS0-Unassigned)
974-920-0103-0	Figure 2 (DS0-10 (DS0-Unassigned)
974-920-0104-0	See DSU-11 (DSU-Unassigned)
974-920-0105-0	Be DS0-12 (DS0-Unassigned)
974-920-0106-0	DS0-13 (DS0-Unassigned)
974-920-0107-0	DS0-15 (DS0-linassigned)
974-920-0108-0	DS0-16 (DS0-linassigned)
	DS0-17 (DS0-Unassigned)
	DS0-18 (DS0-Unassigned)
	DS0-19 (DS0-Unassigned)
	DS0-20 (DS0-Unassigned)
	DS0-21 (DS0-Unassigned)
	DS0-22 (DS0-Unassigned)
	→ 📲 D50-23 (D50-Unassigned)
	D50-24 (D50-Unassigned)

- **10.** Select the connection IDs in the list view.
- **11.** Expand the equipment and select an equipment port.
- **12.** Right-click the equipment port in the hierarchical view and select **Groom To**.

File ← Edit ← View ← Options ← Window ←	Help 🗸
Select View Select Search Mode	
Maintenance C Current G Equipment	Facility Search
Select Filter	
Select All Reset Service Type: (None)	Orig Location: (None)
Connections: 11	View 1 - Installed Equipment RDBOVTTURS1
Connection ID	Unassign Froi 🛄 NMK-1 1 3 TOLOC
974-920-0109-0	01 NHAN DS0 CARD 24 DS0 TOLOC
974-920-0114-0	BS0-1 (DC0 H=
974-920-0101-0	Bre DS0-2 (
974-920-0102-0	DS0-3 (Modify Search
974-920-0114-0	B pro r Find
974-920-0103-0	P_ DS0.4 (
974-920-0104-0	Broom To
974-920-0105-0	
974-920-0106-0	
974-920-0107-0	DS0-10 Condition Codes
974-920-0108-0	B DS0-11 TP ∆ddress
	DS0-12 Unaccian TP Address
	DS0-14 Print
	DS0-15
	■ ■ DS0-16 VICW
	DSO-17 Custom Attributes
	P_ DS0 10 (DS0 Upperiaged)
	→ BED-19 (D50-Unassigned)
	DS0-21 (DS0-Unassigned)
	DS0-22 (DS0-Unassigned)
	DS0-23 (DS0-Unassigned)
	DS0-24 (DS0-Unassigned)
	▶ 05

A check mark is displayed beside the connection IDs in the list view. The equipment ports in the hierarchical view are in **Pending Groom** status.

File 🗸	Edit 🗸 View 🗸 Options 🗸 Window 🗸		Help	• ×					
Selec	t View Select Search Mode -								
		O Escility	Search						
101	Handenance () Current () Equipment	 Facility 	bolich						
Selec	t Filter								
Color									
Selec	Service Type. [[None]	Ung Lucat	terni Locadon. ((None)	<u> </u>					
Connec	tions: 11		View 1 - Installed Equipment RDBOVTTUR51						
	Connection ID	Unassign Fro	MK-113 TOLOC	~					
1	974-920-0109-0		01 NHAN DS0 CARD 24 DS0 TOLOC						
1	974-920-0114-0		D50-1 (D50-Unassigned), 974-920-0109-0 (Pending Groom)						
1	974-920-0101-0		D50-2 (D50-Unassigned), 974-920-0114-0 (Pending Groom)						
1	974-920-0114-0		D50-3 (D50-Unassigned), 974-920-0101-0 (Pending Groom)						
1	974-920-0102-0		DS0-4 (DS0-Unassigned), 974-920-0102-0 (Pending Groom)						
1	974-920-0103-0		DS0-5 (DS0-Unassigned), 974-920-0114-0 (Pending Groom)						
1	974-920-0104-0		DS0-6 (DS0-Unassigned), 974-920-0103-0 (Pending Groom)						
1	974-920-0105-0		DSU-7 (DSU-Unassigned), 974-920-0104-0 (Pending Groom) DSU-7 (DSU-Unassigned), 974-920-0105-0 (Pending Groom)						
1	974-920-0106-0		DSU-8 (DSU-Unassigned), 974-920-0105-0 (Pending Groom) DSU-8 (DSU-Unassigned), 974-920-0105-0 (Pending Groom)						
1	974-920-0107-0		DS0-9 (DS0-0 lassigned), 974-920-0106-0 (Pending Groom) DS0-10 (DS0 lipscigned), 974-920-0106-0 (Pending Groom)						
1	974-920-0108-0		DS0-10 (DS0-0hassigned), 974-920-0107-0 (Pending Groom)						
	514 525 5165 5		DS0-11 (DS0-0hassigned)	=					
			PS0-12 (DS0-0H3signed)						
			Se DS0-10 (DS0-Unassigned)						
			DS0-15 (DS0-Unassigned)						
			DS0-16 (DS0-Unassigned)						
			BCDS0-17 (DS0-Unassigned)						
			B DS0-18 (DS0-Unassigned)						
			📲 DS0-19 (DS0-Unassigned)						
			DS0-20 (DS0-Unassigned)						
			DS0-21 (DS0-Unassigned)						
			🚽 📲 DS0-22 (DS0-Unassigned)						
			🚽 📲 DS0-23 (DS0-Unassigned)						
			🛛 📲 DS0-24 (DS0-Unassigned)	_					

You have now finished all the design changes. You must validate the project to verify that the assignments are valid. Validation takes place within the **Groom To** action, but because all network grooming projects are self-contained workspaces and may be built and worked over a long time frame, the inventory could have changed since the data was initially loaded into the workspace.

13. From the **Options** menu, select **Validate**.

A confirmation message is displayed.

- **14.** Click **OK**.
- **15.** In the Select View section, select the **Current** option.

My Desktop Find Links Show Navbar Network Groo	m - DEMOTNGROOM		
File Edit View Options Window			Help 🗸
Select View Project Information Groom Name: DE Description: TN	MOTNGROOM Target Due Date: Switch Groom Organization:	4/23/2012 SBCLD	
Select Filter Select All Reset Service Type: (None)	Orig Location: (None)	Term Location: (None)	
Connection ID	Unassign From Connection ID	Ckt Pos Current Allocation Parameters	Unassign From Equip
974-920-0109-0	-		DS0-10
974-920-0114-0			DS0-12
974-920-0101-0			DS0-2
974-920-0114-0			DS0-3
974-920-0102-0			DS0-3
974-920-0103-0			DS0-4
974-920-0104-0			DS0-5
974-920-0105-0			DS0-6
974-920-0106-0			DS0-7
974-920-0107-0			DS0-8
974-920-0108-0			DS0-9

16. In the Project Information section, complete the **Groom Name**, **Description**, **Target Due Date**, and **Organization** fields.

- **17.** From the **File** menu, select **Save**.
- On the navigation bar, select Inventory Management, and then click Network Grooming.

The Network Groom Search window is displayed.

19. Specify the name of the groom in the **Groom Name** field and click **Search**.

The network groom is displayed in the Network Groom Search window.

To process the design changes completed within the Network Grooming workspace, create an order.

20. Select the groom project and, from the **Options** menu, select **Create EWO** or **Create ISR**.

This automatically generates the grooming order and pre-populates it with all of the connections contained within the selected grooming projects. The ISR or EWO opens in read-only view because the information is retrieved from the saved groom and adding or removing connections from the order is not allowed. In addition, all network grooming projects associated to an open order are also read-only because modifying the workspace will invalidate the order. To make changes to the grooming workspace, you must supplement-cancel the order to place the project back in **Created** status.

- **21.** Select a provisioning plan containing the DLRD (or similar) task and DD task at a minimum and assign the tasks to the appropriate work queues and click **OK**.
- **22.** Complete the task preceding the DLRD (or similar) task.
- **23.** Double-click the DLRD (or similar) task.

The Service Request Connections window is displayed, listing all of the connections on the order/project.

24. From the **Options** menu, select **Process Groom**.

Note: You can supplement-cancel grooming orders until this step. After the application has started processing the data from the workspace, you cannot cancel the order. You can process small projects on the client machine. Oracle recommends that you process larger projects within the Background Processor.

A confirmation message is displayed.

25. Click Yes.

The network groom project is processed.

- **26.** After the groom processing is complete, you must place the connections in **Record Issued** or **DLR Issued** status.
- **27.** From the **Options** menu, select **Group Print**.

The Print window is displayed.

- **28.** Do one of the following:
 - To issue the connection layout record (CLR) or graphical layout record (GLR), select the **Mark as Record Issued** check box.
 - To issue the design layout report (DLR), select the **Mark as DLR Issued** check box.

- **29.** Click **OK**.
- **30.** Complete the DLRD (or similar) task.

After completing the DLRD (or similar) task, but before completing the DD task, the ports on the RDBOVTTURS1 switch show a **Pending** status.

My Deskto	p Fin	d Links S	5how N	avbar		Equ	uipm	ent I	nven	tory			
File 🚽 🛛 I	Edit 🗸	View 🗸	Ор	tions 👻	Wind	dow 🗸							
View 1 - 3	Installe	ed Equipm	ient RE	BOVTTI	JRS1								
	-113	TOLOC											
:	01 NH/	AN DS0 C	ARD 24	DS0 TC	LOC								
	💾 D:	50-1 (DS0	-Pendir	ng 4/23/	2012 O	rder [DEMOT	NGROO	M), 97	4-920-	0109-0) (In Ser	vice)
	💾 D:	50-2 (DS0	-Pendir	ng 4/23/	2012 0	rder [ремот	NGROO	M), 97	4-920-	0114-0) (In Ser	vice)
	💾 D:	50-3 (DS0	-Pendir	ng 4/23/	2012 0	rder [ремот	NGROO	M), 97	4-920-	0101-0) (In Ser	vice)
	💾 D:	50-4 (DS0	-Pendir	ng 4/23/	2012 0	rder [DEMOT	NGROO	M), 97	4-920-	0102-0) (In Ser	vice)
	💾 D:	50-5 (DS0	-Pendir	ng 4/23/	2012 O	rder [DEMOT	NGROO	M), 97	4-920-	0114-0) (In Ser	vice)
	💾 D:	50-6 (DS0	-Pendir	ng 4/23/	2012 O	rder [DEMOT	NGROO	M), 97	4-920-	0103-0) (In Ser	vice)
	💾 D:	50-7 (DS0	-Pendir	ng 4/23/	2012 O	rder [DEMOT	NGROO	M), 97	4-920-	0104-0) (In Ser	vice)
	💾 D:	50-8 (DS0	-Pendir	ng 4/23/	2012 O	order [DEMOT	NGROO	M), 97	4-920-	0105-0) (In Ser	vice)
	💾 D:	50-9 (DS0	-Pendir	ng 4/23/	2012 O	rder [DEMOT	NGROO	M), 97	4-920-	0106-0) (In Ser	vice)
	💾 D:	50-10 (DS	0-Pend	ling 4/23	3/2012	Order	DEMO	TNGRO	OM), 9	74-920)-0107	-0 (In Se	ervice)
	💾 D:	50-11 (DS	0-Pend	ling 4/23	8/2012	Order	DEMO	TNGRO	OM), 9	74-920)-0108	-0 (In Se	ervice)
	re Di	50-12 (DS	0-Unas	signed)									
	≩≣ D:	50-13 (DS	0-Unas	signed)									
	≩≣ D:	50-14 (DS	0-Unas	signed)									
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	j≩i≣ D:	50-21 (DS	0-Unas	signed)									
	i≩i≣ D: ∎	50-22 (DS	0-Unas	signed)									
	i≩i≣ D:	50-23 (DS	0-Unas	signed)									
	≩∈ D:	50-24 (DS	0-Unas	signed)									

31. Complete the DD task.

After completing the DD task, the ports on the RDBOVTTURS1 switch show an **In Service** status.

My Deskto	op Fin	id Links Sho	w Navbar	Equipment Inventory
File 🗸	Edit 🗸	View 🗸	Options 🗸	Window 🗸
View 1 -	Installe	ed Equipmen	t RDBOVTTU	R51
PTP				
BUL NM	K-113			05
		AN DOU CARI SO-1 (DSO-In	0 24 050 10L Service) - 97	.UC 4-020-0100-0 (Ip Service)
	<u>р</u> . Р	50-2 (D50-In 50-2 (D50-In	(Service), 971 Service), 971	4-920-0109-0 (In Dervice)
		50-2 (D50-In 50-3 (D50-In	Service), 97	4-920-0111-0 (In Service)
	📮 D:	50-4 (DS0-In	Service), 97	4-920-0102-0 (In Service)
	📮 D:	50-5 (DS0-In	Service), 97	4-920-0114-0 (In Service)
	📮 D:	50-6 (DS0-In	Service), 97	4-920-0103-0 (In Service)
	💾 D:	50-7 (DS0-In	Service), 97	4-920-0104-0 (In Service)
	💾 D:	50-8 (DS0-In	Service), 97	4-920-0105-0 (In Service)
	💾 D:	50-9 (DS0-In	Service), 97	4-920-0106-0 (In Service)
	💾 D:	50-10 (DS0-I	in Service), 9	74-920-0107-0 (In Service)
	📥 D:	50-11 (DS0-I	in Service), 9	74-920-0108-0 (In Service)
	isé∈ D:	50-12 (DSO-l	Jnassigned)	
	i≩ie D:	50-13 (DSO-L	Jnassigned)	
	j∰re D:	50-14 (DSO-l	Jnassigned)	
	B≩≣ D: D n.	50-15 (DSO-L	Jnassigned)	
	i≩≣ D: _∎_ ⊳	50-16 (DSU-L 50-17 (D50-L	Jnassigned)	
	多目 U: 	50-17 (D50-l 50-19 (D50-l	Jnassigned)	
	se⊑ D: ⊒P= D'	50-10 (D50-U 50-19 (D50-U	Inassigned)	
	are D. are D'	50-19 (D30-0 50-20 (D50-0	Inassigned)	
		50-20 (D50-0 50-21 (D50-0	Inassigned)	
		50-22 (D50-L	Jnassigned)	
		50-23 (DSO-L	Jnassigned)	
	are D:	50-24 (DSO-L	Jnassigned)	

After the groom process, you can see the following changes:

- The NPA/NXX network location association is updated.
- The CLR/DLR design lines are updated.
- The telephone number's network locations are updated.
- The TN Switch on the end user location is not updated. You can update the TN Switch by selecting a value from the TN Switch list in the End User Location Maintenance window.
- The exchange area for the telephone number prefix is not updated.

Scenario 8: Grooming a Virtual Connection by Changing its Terminating Bandwidth

In this scenario, the child virtual connections 00/QTYP/006778/026/SBZ and 00/QTYP/006778/030/SBZ are assigned to the parent connection 00/QHYU/006778/027/SBZ, which terminates at the CASEYVILLE GATEWAY FOUNDATION 600 component.

The child virtual connections 00/QTYP/006778/026/SBZ and 00/QTYP/006778/030/SBZ are groomed from the existing 00/QHYU/006778/027/SBZ parent connection, which shares its terminating

component CASEYVILLE GATEWAY FOUNDATION 600 with the child virtuals, to the 00/QHYU/006778/003/SBZ parent connection, which terminates at the BELLEVILLE GATEWAY FOUNDATION 7.

Figure 3–12 illustrates the scenario before the child virtual connections are groomed to a different terminating parent connection.





Figure 3–13 illustrates the scenario after the child virtual connections are groomed to a different terminating parent connection.



Figure 3–14 shows the schematic design of the child virtual connections before they are groomed. The child virtual connections 00/QTYP/006778/026/SBZ and 00/QTYP/006778/030/SBZ ride on the parent connection 00/QHYU/006778/027/SBZ before the groom process.

Figure 3–14 Schematic Design Before the Virtual Connections are Groomed



To replace the terminating parent connection of a virtual connection using the Network Grooming tool:

Figure 3–13 After the Child Virtuals are Groomed

- 1. On the navigation bar, select **Inventory Management**, and then click **Network Grooming**.
- **2.** Click the **Add New** link.

The Groom Request Types window is displayed.

- 3. Select Facility.
- 4. Click OK.

The New Groom Facility window is displayed.

- In the Project Information section, complete the Groom Name, Description, Target Due Date, and Organization fields.
- 6. Select the Facility option.
- 7. Click Search.

The Connection Hierarchy Search window is displayed.

- 8. Select the Bandwidth check box.
- **9.** Specify the search criteria for the bandwidth connection and click **Search**. In this scenario, in the **Identification** field, enter your search criteria and click **Search**.

The New Groom Facility window displays the retrieved data.

10. To add the 00/QHYU/006778/027/SBZ connection to the Network Grooming workspace, either right-click the connection and select **Add To Groom** or click the **Add** button. The status of the connection changes to **Pending Groom**.

- 11. Select the Near End option to specify the type of groom you want to perform.
- 12. Click OK.

The application creates the Network Grooming workspace and loads it with the selected data. Because you performed a near-end groom, all the child virtuals allocated to the parent bandwidth connection 00/QHYU/006778/027/SBZ are brought into the workspace. In this scenario, two virtual connections, 00/QTYP/006778/026/SBZ and 00/QTYP/006778/030/SBZ, are allocated to the parent bandwidth connection 00/QHYU/006778/027/SBZ.

Network Groom - INDIRECTREHO2									
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-Select View									
Select All Reset Service Type: (None)	Select All Reset Service Type: (None) Orig Location: (None) Term Location: (None)								
Connections: 2			View - Undefined						
Connection ID	Unassign From Connection ID	Ckt Pos Current Alloc	at						
00/QTYP/006778/026/SBZ /	00/QHYU/006778/027/SBZ /	DLCI: 205							
00/QTYP/006778/030/SBZ /	00/QHYU/006778/027/SBZ /	DLCI: 405							

- **13.** Select the **Facility** option.
- **14.** Click **Search**.

The Connection Hierarchy Search window is displayed.

- **15.** Select the **Bandwidth** check box.
- Specify the search criteria to retrieve the bandwidth connection to which you want to groom the virtual connection and click Search. In this scenario, in the Identification field, enter LIKE 00/QHYU/006778/003/SBZ%.

The 00/QHYU/006778/003/SBZ bandwidth connection is displayed within the Connection Hierarchy section of the Network Groom Maintenance window.

avbar Network Groom - INDIRECTREHO2							
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Select View Select Search Mode							
Maintenance Current C Equipment	Courrent C Equipment C Facility Search						
- Select Filter							
Select All Reset Service Type: (None)	Orig Location: (None)	Term Location: [(None)	•				
Connections: 2			View 1 - Route and Connection Hi	erarchy Down			
Connection ID	Unassign From Connection ID	Ckt Pos Current Allocat	200/QHYU/006778/003/SBZ /	(In Service) - ATM_FR - GATEWAY FOUNDATION			
00/QTYP/006778/026/SBZ /							
00/QTYP/006778/030/SBZ /	00/QHYU/006778/027/SBZ /	DLCI: 405					

- 17. To groom the virtual connections from the 00/QHYU/006778/027/SBZ bandwidth connection to the 00/QHYU/006778/003/SBZ bandwidth connection, select the 00/QTYP/006778/026/SBZ and 00/QTYP/006778/030/SBZ virtual connections in the list view of the Network Groom Maintenance window.
- **18.** Right-click the **00/QHYU/006778/003/SBZ** bandwidth connection in the hierarchical view and select **Groom To**.

vbar Network Groom - INDIRECTREHO2			
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Connection ID	Unassign From Connection ID	Ckt Pos Current Allocat	0/QHYU/006778/003/
00/QTYP/006778/026/SBZ /	00/QHYU/006778/027/SBZ /	DLCI: 205	
00/QTYP/006778/030/SBZ /	00/QHYU/006778/027/SBZ /	DLCI: 405	

When an assignment has been successfully marked for assignment, a blue check mark appears in the first column of the row representing the assignment. In addition, the pending assignment is also displayed within the Connection Hierarchy view of the parent connection. The pending assignment has **Pending Groom** status.

lavbar Network Groom - INI	DIRECTREHO2		
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Select View	Select Search Mode		
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Connections: 2			View 1 - Route and Connection Hierarchy Down
Connection ID	Unassign From Connection ID	Ckt Pos Current Allocat	00/QHYU/006778/003/SBZ / (In Service) - ATM_FR - GATEWAY FOUNDATION
00/QTYP/006778/026/SBZ /	00/QHYU/006778/027/SBZ /	DLCI: 205	LCI: 206 (In Service) 00/QTYP/006778/001/SBZ / (In Service)
00/QTYP/006778/030/SBZ /	00/QHYU/006778/027/SBZ /	DLCI: 405	DLCI: 406 (In Service) 00/QTYP/006778/004/SBZ / (In Service)

You have now finished all the design changes. You must validate the project to verify that the assignments are valid. Validation takes place within the **Groom To** action, but because all network grooming projects are self-contained workspaces and may be built and worked over a long time frame, the inventory could have changed since the data was initially loaded into the workspace.

- **19.** From the **Options** menu, select **Validate**.
- **20.** From the **File** menu, select **Save**.
- **21.** Close the Network Groom Maintenance window and return to the Network Groom Search window.
- **22.** If your project is not already listed, click **Modify Search**.
- **23.** Specify the name of the groom in the **Groom Name** field and click **Search**.

The network groom is displayed in the Network Groom Search window.

To process the design changes completed within the Network Grooming workspace, create an order.

24. Select the groom projects and, from the **Options** menu, select **Create EWO** or **Create ISR**.

This automatically generates the grooming order and pre-populates it with all of the connections contained within the selected grooming projects. The ISR or EWO opens in read-only view because the information is retrieved from the saved groom and adding or removing connections from the order is not allowed. In addition, all network grooming projects associated to an open order are also read-only because modifying the workspace will invalidate the order. To make changes to the grooming workspace, you must supplement-cancel the order to place the project back in **Created** status.

- 25. Depending on the type of order you create, do one of the following:
 - For an EWO order:
 - a. Under Related Pages, click Manage Tasks.
 - **b.** Under Actions, click Assign Tasks.
 - For an ISR order:
 - a. From the Options menu, select Task Generations/Maintenance.
- **26.** Select a provisioning plan containing the DLRD (or similar) task and DD task at a minimum and assign the tasks to the appropriate work queues and click **OK**.
- **27.** Complete the task preceding the DLRD (or similar) task.
- 28. Double-click the DLRD (or similar) task.

The Service Request Connections window is displayed, listing all of the connections on the order/project.

29. From the **Options** menu, select **Process Groom**.

Note: You can supplement-cancel grooming orders until this step. After the application has started processing the data from the workspace, you cannot cancel the order.

A confirmation message is displayed.

30. Click **Yes**.

The network groom project is processed.

- **31.** After the groom processing is complete, you must place the connections in **Record Issued** or **DLR Issued** status.
- 32. From the Options menu, select Group Print.

The Print window is displayed.

- **33.** Do one of the following:
 - To issue the connection layout record (CLR) or graphical layout record (GLR), select the **Mark as Record Issued** check box.
 - To issue the design layout report (DLR), select the Mark as DLR Issued check box.
- **34.** Click **OK**.
- **35.** Complete the DLRD (or similar) task.

After the DLRD (or similar) task is completed, the Connection Hierarchy window for the parent bandwidth connections displays the following:

- The existing parent bandwidth connection 00/QHYU/006778/027/SBZ will show the child virtual connections 00/QTYP/006778/026/SBZ and 00/QTYP/006778/030/SBZ in the **Pending Disconnect** status.
- The new parent bandwidth connection 00/QHYU/006778/003/SBZ will show the child virtual connections 00/QTYP/006778/026/SBZ and 00/QTYP/006778/030/SBZ in the **Pending** status.
- **36.** Complete the DD task.

After the DD task is completed, the Connection Hierarchy window for the parent bandwidth connections displays the following:

- The existing parent bandwidth connection 00/QHYU/006778/027/SBZ will show the child virtual connections 00/QTYP/006778/026/SBZ and 00/QTYP/006778/030/SBZ in the Unassigned status.
- The new parent bandwidth connection 00/QHYU/006778/003/SBZ will show the child virtual connections 00/QTYP/006778/026/SBZ and 00/QTYP/006778/030/SBZ in the **In Service** status.

Also, after the DD task is completed, the child virtual connections 00/QTYP/006778/026/SBZ and 00/QTYP/006778/030/SBZ are no longer assigned to the bandwidth connection 00/QHYU/006778/027/SBZ; instead, the child virtuals are now assigned to the new bandwidth connection 00/QHYU/006778/003/SBZ. The schematic design is updated accordingly to represent the virtual connection's new design.

Figure 3–15 shows the schematic design of the child virtual connections after they are groomed. The child virtual connections 00/QTYP/006778/026/SBZ and 00/QTYP/006778/030/SBZ now ride on the new bandwidth connection 00/QHYU/006778/003/SBZ after the groom process. Note that the GATEWAY FOUNDATION 600 component has been replaced on the canvas by the new terminating component, GATEWAY FOUNDATION 7, which is inherited from the new terminating parent bandwidth.



Figure 3–15 Schematic Design After the Virtual Connections are Groomed

After the child virtual connections 00/QTYP/006778/026/SBZ and 00/QTYP/006778/030/SBZ are groomed from 00/QHYU/006778/027/SBZ to 00/QHYU/006778/003/SBZ, the application makes the following updates for the child virtuals:

- Within the schematic design of the child virtuals:
 - The child virtual's assignment to the parent connection 00/QHYU/006778/027/SBZ is removed and replaced with the assignment to the new parent connection 00/QHYU/006778/003/SBZ, which brings the new GATEWAY FOUNDATION 7 component onto the canvas.
 - The GATEWAY FOUNDATION 600 component is removed from the design issue because it is no longer defined as the terminating component, and there is no longer any connectivity to it.
- Within the Connection Summary view of the Connection Design window:
 - The GATEWAY FOUNDATION 600 component is replaced with the GATEWAY FOUNDATION 7 component and the terminating location of the parent connection is updated from CASEYVILLE (the location of GATEWAY FOUNDATION 600 component) to BELLEVILLE (the location of GATEWAY FOUNDATION 7 component).

Figure 3–16 shows the Connection Summary view of the child virtual connection (00/QTYP/006778/026/SBZ) after it is groomed.

vbar Connection Design - 00/QTYP/006778/026/SBZ / , Issue 4 (Order: INDIREC		
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 Connection Summary <u>Additional Detail</u> <u>Properties</u> <u>CLR/DLR Design</u> <u>Schematic Design</u> <u>Schematic Design</u> <u>Maintain Cross-References</u> Maintain <u>Ownership of Inventory</u> External Links: <u>Google</u> <u>MetaSoly</u> 	Connection Summa	ıry
	Connection Id: Originating Location:	00/QTYP/006778/026/SBZ / GATEWAY FOUNDATION 001 55 E JACKSON , CHICAGO IL 60604, United States
	Terminating Location:	GATEWAY FOUNDATION 003 7 W LINCOLN , BELLEVILLE ON 62232, United States
	Rate Code: Status: Connection Positions: Partition Group: Network System	In Service None
	Connection Specification: Originating Network: Element: Terminating Network: Element:	PVC Enterprise Connection CUST_SITE, CUST_SITE GATEWAY FOUNDATION GATEWAY FOUNDATION 55 CHICAGO IL - 1 GATEWAY FOUNDATION GATEWAY FOUNDATION 7_BELLEVILLE ON - 1
	Customer Informati	on
	Name: Contact Name: Contact Number:	GATEWAY FOUNDATION, INC

Figure 3–16 Connection Summary View of the Child Virtual