

7 RIM Ordering

RIM and C–RIM systems are ordered via interactive computer systems. Some of these are Alcatel computer systems and some are Telstra systems, with electronic communication in both directions between Alcatel and Telstra.

The systems are:

- ▶ RIM Configuration Tool (RIMTOOL) – Alcatel.
- ▶ NDC Projects System – Telstra.
- ▶ BISTEL System – Telstra.

7.1 Ordering Process – Outline

The process has the following stages:

- ▶ Forecasting.
- ▶ RIMTOOL.
 - Entry of project parameters to RIMTOOL.
 - Output by RIMTOOL of Resource Module List Material List Record of Inputs.
- ▶ NDC Projects System.
 - Create subprojects.
 - Explode subproject Resource Modules.
 - Copy exploded quantities to required quantities on subproject Bill of Materials.
 - Send Project/Subproject to BISTEL.
- ▶ BISTEL.
 - Create Production Order Item.
 - Release Purchase Requisitions for RIM Production Order Item package.
 - Create a Purchase Order and send EDI Purchase Order to Alcatel.
- ▶ RIMTOOL.
 - Compare EDI Purchase Order with configuration in RIMTOOL.
 - If the order matches the configuration, accept the order.
 - If the order does not match the configuration, reject order. NDC must rework either Purchase Order or configuration to achieve a match.

The following sections briefly outline the use of RIMTOOL.

For details of usage of Telstra systems, including the NDC Projects System and BISTEL, refer to the associated User Guides.

7.2 RIMTOOL

RIMTOOL is a computer system which runs on an Alcatel server and is used to define the configuration of a new RIM or C–RIM system. Telstra designers log into RIMTOOL to define a new system.

The output from RIMTOOL is used as an input to Telstra systems used to prepare a Purchase Order and place the order with Alcatel.

7.2.1 Login

Access to RIMTOOL is limited to authorised persons. The process of login to RIMTOOL is:

- ▶ Double click on the RIMTOOL icon on the Winframe desktop.
- ▶ Enter the User ID and password.

7.2.2 Architecture And Options

The first RIMTOOL screen is used to select the system architecture and the options to be provided. The screen has two radio buttons and seven lists.

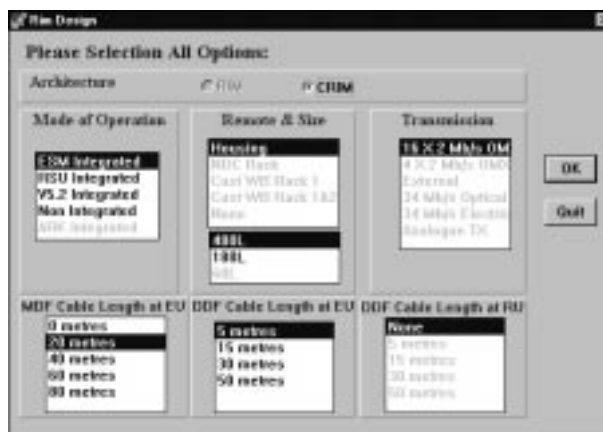


Figure 7–1 RIMTOOL – Architecture and Options Screen

(1) Architecture

The type of architecture system is selected with the RIM and C–RIM buttons at the top of the screen. This choice can only be made if all items in the lists in window are deselected.

(2) Options Lists

The options lists are under the following headings:

- ▶ Mode Of Operation.
- ▶ Remote & Size.
- ▶ Transmission.
- ▶ MDF Cable Length at EU.
- ▶ DDF Cable Length at EU.
- ▶ DDF Cable Length at RU.

In the lists items are grayed out if they are not appropriate to the type of system, or are not compatible with options already selected.

(3) Mode Of Operation

The Mode Of Operation list is used to select the protocols which are proposed for the unit. The available selections for new systems, and the valid combinations of protocols for new systems, are:

- ▶ Non-Integrated (RIM or C-RIM).
- ▶ ESM (C-RIM only).
The combination of protocols supported by this selection is:
 - Non-integrated plus ESM.
- ▶ RSU (C-RIM only).
Protocol combinations supported by this selection are:
 - Non-integrated plus RSU.
 - Non-integrated, plus RSU and ESM.
- ▶ V5.2(-) (C-RIM only).
Protocol combinations supported by this selection are:
 - Non-integrated plus V5.2(-).
 - Non-integrated, plus V5.2(-) and ESM.
- ▶ ARK-P (RIM only).
This is only supported in Fully-Integrated mode.

(4) Remote & Size

The items in the Remote & Size lists are:

- ▶ Housing.
- ▶ NDC Rack.
- ▶ Cust WB Rack 1.
- ▶ Cust WB Rack 1&2.
- ▶ None.

If Housing is selected in the first Remote & Size list, the size of the housing is selected from the following:

- ▶ 480 L.
- ▶ 180 L.
- ▶ 60 L.

(5) Transmission

The six transmission options are:

- ▶ C–RIM.
 - External
 - 16 x 2 Mb/s OMX.
 - 4 x 2 Mb/s OMX.
- ▶ RIM.
 - External.
 - Analogue Tx.

(6) Cable Length

There are three Cable Length dialogues. These are:

- ▶ MDF Cable Length at EU.
- ▶ DDF Cable Length at EU.
- ▶ DDF Cable Length at RU.

7.2.3 Select Panel Types

Enter the panel types at the EU and RU.



Figure 7–2 RIMTOOL – Select Panels

The full format is shown in Figure 7–3.



Figure 7–3 Panel Description

- ▶ The first block of characters are used to select Main Panel (MP) or Access Panel (AP).
- ▶ The centre block of characters identifies the Standard Panel type.
- ▶ The last block of characters identifies the location of panel. For panels at the Exchange Unit enter EU, at the Remote Unit enter the characters RU.

As an example, a Type C EU Main Panel would be shown as:

MP_C–EU.

This dialogue accepts abbreviated input, so that entering the single character “C” in the first row of the first column is later expanded to MP_C–RU.

7.2.4 RIMTOOL Output

RIMTOOL processes the rules and develops a display of the RIM or C-RIM configuration.

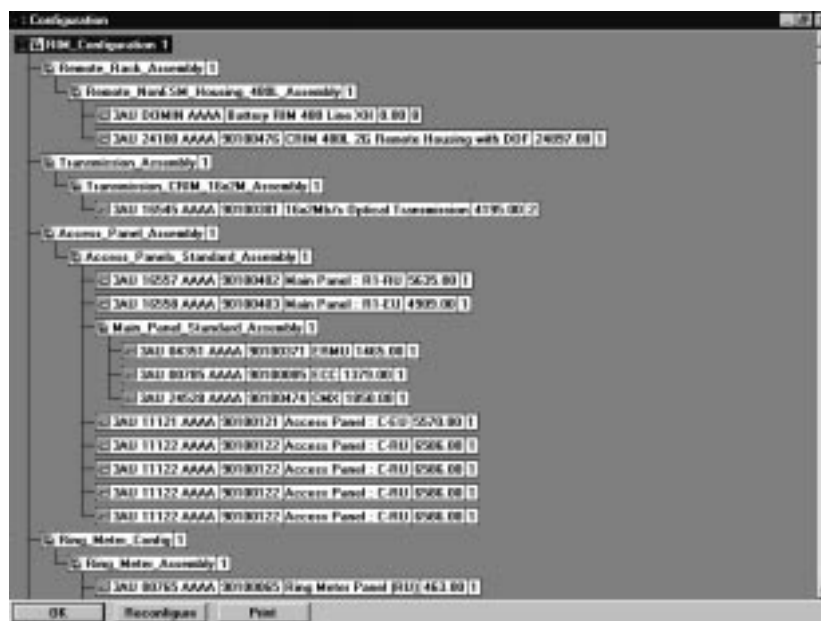


Figure 7–4 RIMTOOL – Materials and Resource Modules Lists

- ▶ If the configuration is not correct, click on Reconfigure. This returns the operator to an earlier stage of the RIMTOOL program so that the various selections can be modified.
- ▶ If the configuration is correct, click on the OK button. RIMTOOL outputs the following files to the C:\Alcatel directory on the local hard disk, and makes copies of the files on the RIMTOOL server:
 - Resource Module List.
 - Material List.
 - Record of Inputs.

7.3 RIM and C–RIM Ordering Procedure

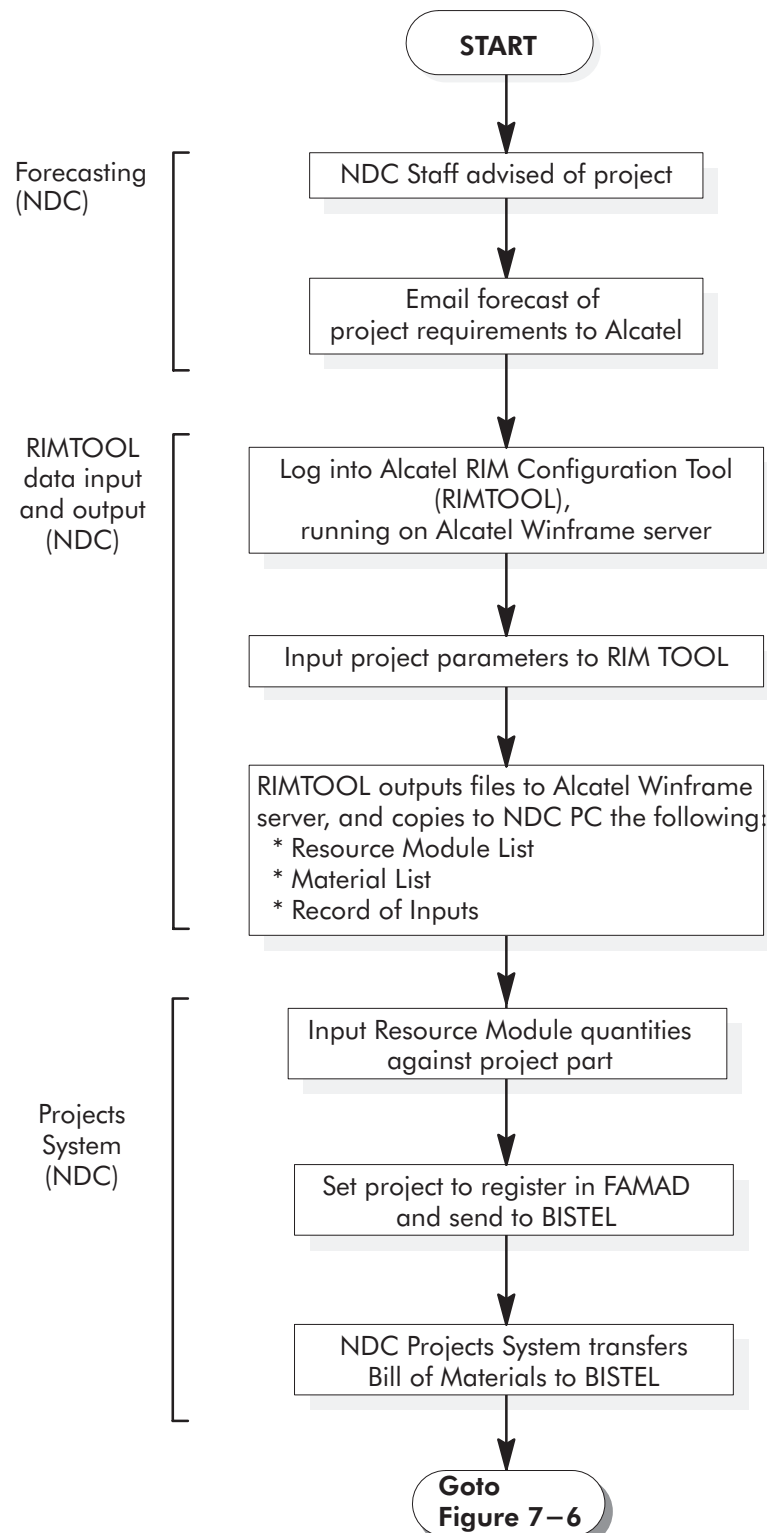


Figure 7–5 Forecasting, RIMTOOL and Projects System

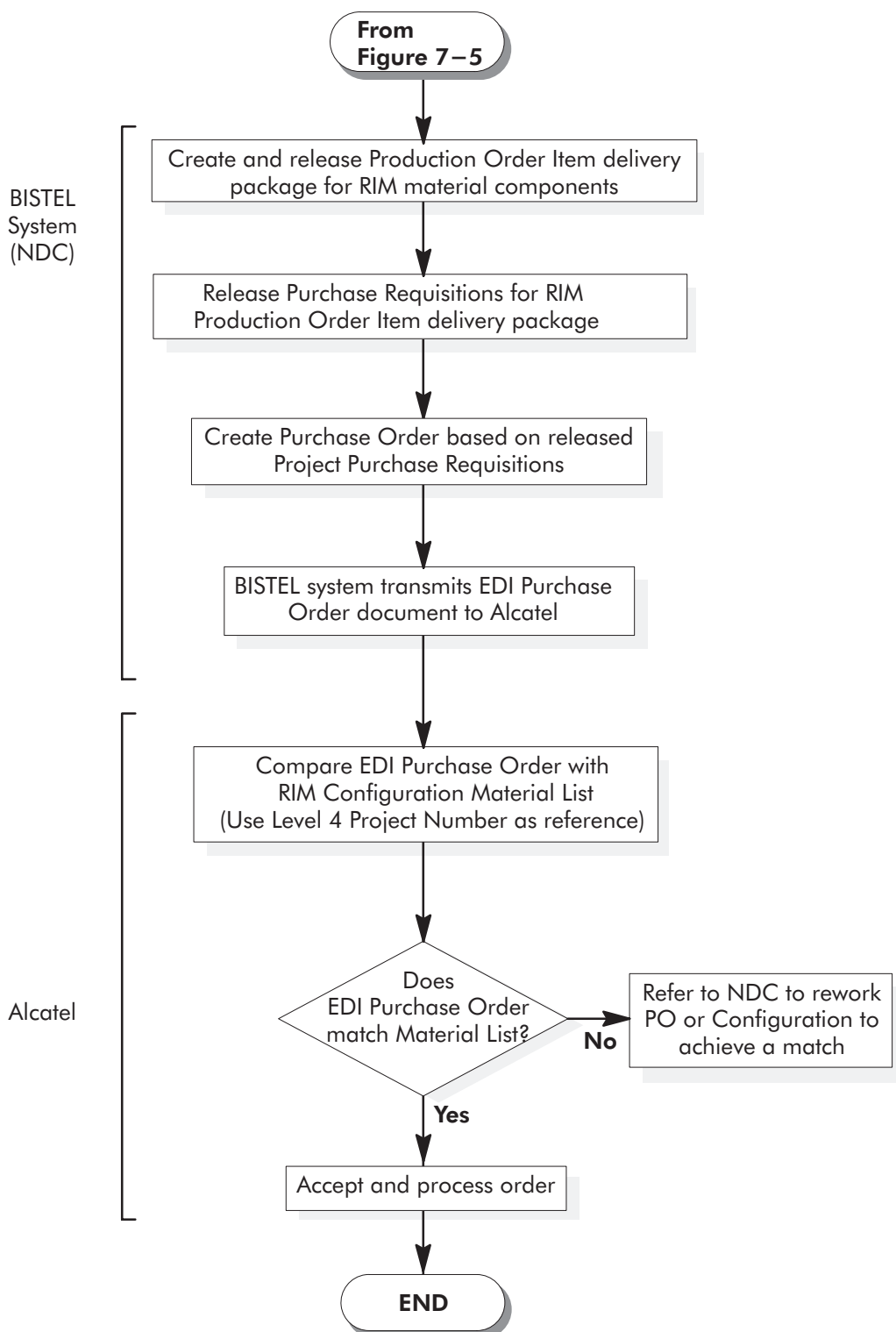


Figure 7-6 BISTEL and Purchase Order

