Forecast

External Release 3.5

Version 01

IBM User

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Table of Contents

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Preface

This manual provides an introduction to the Spreadsheet Upload functionality of the IBM Replenishment Supply Collaboration Application

Document Structure

This manual is made up of multiple documents to facilitate printing and allow the user to focus on the features they are interested in. All documents are in Microsoft Word'97 format. The following table lists the available documents and their contents:

Document	Contents
01 General Web External V35	General Introduction
02 General Functionality External V35	General Functionality
03 Forecast External V35	Forecast
04 Refill Cycle External V35	Refill Cycle
05 Inventory External V35	Inventory
06 Pull Cycle External V35	Pull Cycle
07 Bypass Cycle External V35	Bypass Cycle
08 System External V35	System
09 Help External V35	Help
10 Spreadsheet Upload External V35	Spreadsheet Upload
11 Menu Structure External V35	Menu Structure

Forecast Overview

The wording in Release 3.5 had been changed:

Rel. 3.0/3.1	Rel. 3.5
Unconstrained Forecast (UFXX)	Demand (DMXX)
Constrained Forecast (CFXX)	Forecast (FCXX)
Best Can Do (BEXX)	Supply (SUXX)
Commitment (CMXX)	Commitment (CMXX)

The Forecast Cycle

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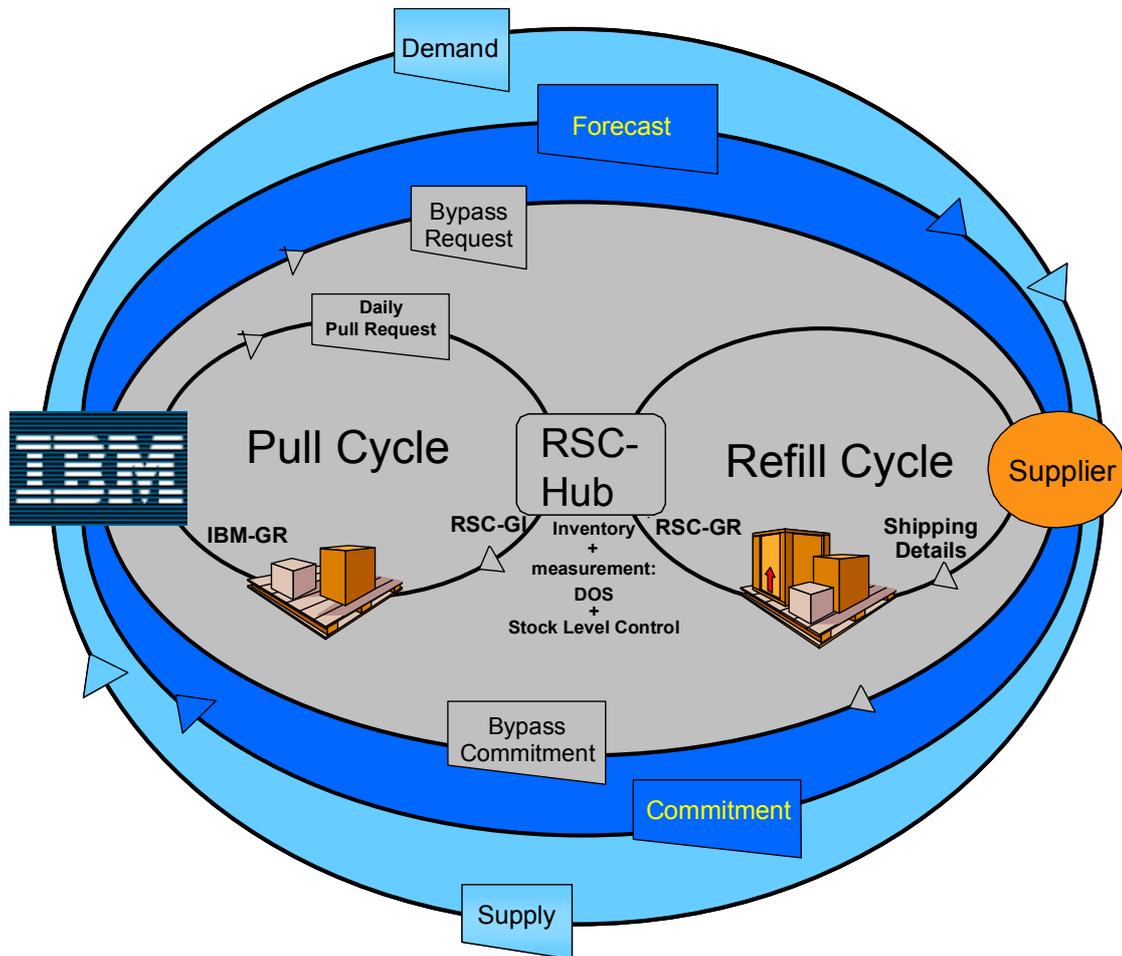
Single Cycle

IBM (ISC and BUs) decided to move from a two cycle supplier collaboration process to single cycle. This means that the supply demand communication will be done only in one of the application's current (rel. 3.1) supplier collaboration stream.
With this process change we do not intend to "loose" existing functionality (e.g. dos, cra, etc).

The data transmission for the Forecast Information into RSC@ is secure MQ Series or imported via spreadsheet upload (SS upload). When Forecast data is loaded, suppliers get automated system notification from RSC@ that a new Forecast is available on the web.
Suppliers are also notified via e-mail when new information or changes have been made to the Forecast.
Suppliers are requested to provide their supply commitment for the Forecast.

Furthermore**,** to be able to focus only on the list of critical parts, the **"Cumulative Delta"** was added to the selection screen. Depending on this selection only part numbers that show a positive or negative "Cumulative Delta" are shown on the following list.

The flag "RSC Stock" triggers this calculation. If "RSC Stock" is not set, the Cumulative Delta is equal to Commitment minus netted Forecast.
- Cum. Delta of FC = Commitment – FC

Users are also able to use the Demand function instead of Forecast function. The demand can be used as an additional planning cycle to the forecast.
The Demand (DM) is the result of the IBM plants' regular Material Requirement Planning (MRP).

Suppliers are requested to provide their Supply outlook information (known as "Best Can Do"), for the Demand.
Suppliers provide their Supply to IBM on a defined schedule.

The flag "RSC Stock" triggers this calculation. If "RSC Stock" is not set, the Cumulative Delta is equal to Supply minus netted Demand.
- Cum. Delta of DM = SUPPLY – DM

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Within the RSC Application, we provide the user two key functions:

Supply (SU)
- Create Supply Record
- Change Supply Record
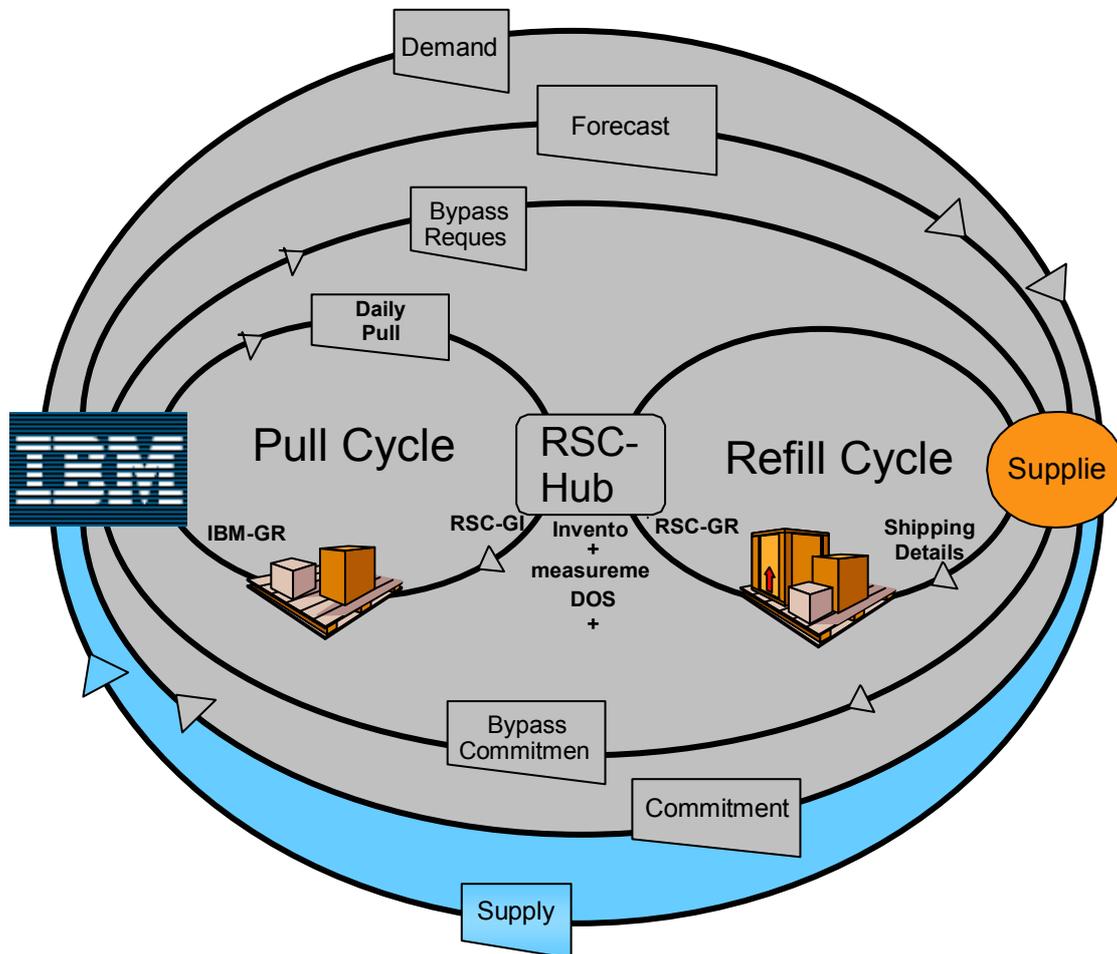- Display Supply Record

Commitment (CM)
- Create Commitment Record
- Change Commitment Record
- Display Commitment Record

The functionality behind each of these topics will be explained in the next sections.

Supply

The supply is the response from a supplier on IBM´s additional demand cycle.

Supply provides the following functions:

Create: - Create manual supply in addition to system loaded supply

Change: - Change manual created or system generated supply

Display: - Display manual and system generated supply including
                 demand

Create Supply Record

Create manual supply in addition to system loaded supply.

Basic flow of the function
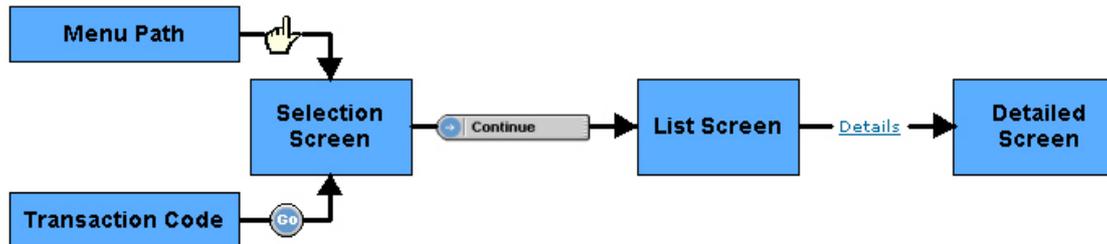
The function can be reached by

Menu Path
  (Forecast -> Supply -> Create)

Transaction Path
        choose Transaction code **SU01** and press the GO Button

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Selection Screen SU01

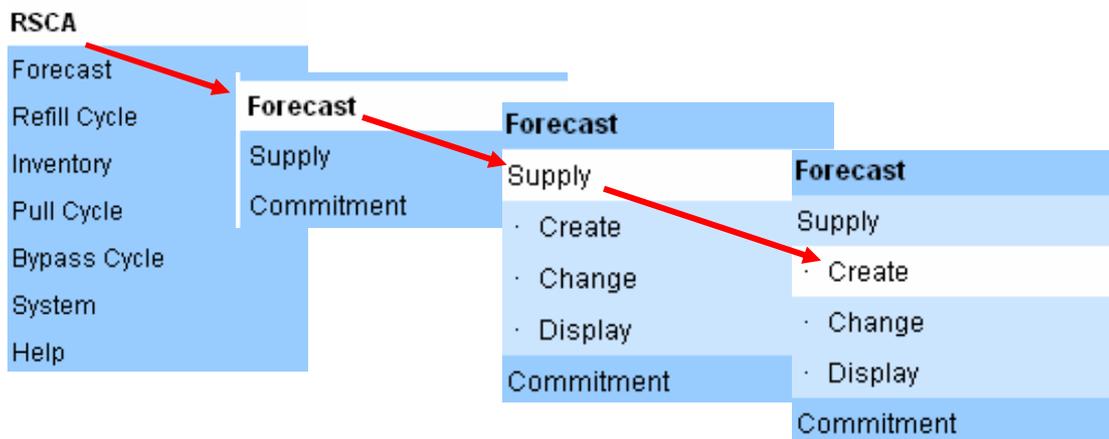RSCA > Forecast > Supply >

Create

Selection Criteria

Plant:	hg11	Manufacturing Line:	
Material #:		Supplier #:	
Sub-Geo:		Demand Source:	All
Demand Date From:	23.07.2003	Demand Date To:	18.02.2004
Cum. Delta:	All	Critical:	All

Display Options

List By:	1. Suppl.#-Sub Geo-Plant-Mfg Line-Mat.#-Cum. Demand-Supply-Delta
Items Per Page:	20 View: ⊙ Weekly ○ Daily

→ | Continue   → Help

It is recommended to enter data for at least one field on this screen. Entering more selection criteria information creates a more specific report.

Field	Description
Plant	Plant Code defined within RSC@, e.g. HG11 (a 4 digit alphanumeric field)
Manufacturing Line	Manufacturing Line within a Plant, e.g. HG11 (a 4 digit alphanumeric field)
Material #	Material Number of the material which is used in a Manufacturing Line, e.g. 00K0045 (an alphanumeric field)
Supplier #	Material Supplier number, e.g. 000012056T (an alphanumeric field)
Sub-Geo	Specifies a plant and supplier combination which can only be separated by the different sub-geo values (PCD requirement for OEM boxes)
Demand Source	Specifies the type of Demand source (Purchase Order, Sched. Line Agreement, Planned Order, Purchase Request) (only available on SU Screens)
Demand Date From	Start date for DM selection
Demand Date To	End date for DM selection
Cum. Delta	Selects part numbers that shows a positive response. Negative "Cumulative Delta" allows focus on critical parts (negative: demand is not covered; positive: promised delivery exceeds demand)
Critical	Displays critical or uncritical parts.

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Display Options

The Display Options selections provide for customization of the Supply item list to meet your requirements.

- List by: Specifies the sorting data and the sequence of data columns in the list. All the reports show additional information as described in the next section.

- Items per page   The maximum number of line items shown on a page or a screen can be selected

- Weekly/Daily   The selected Supply/Commitment can be displayed either on weekly or on daily scheduled deliveries

List by Options

In the "List by Options" selection, users can choose among several sorting criteria and additional material data combinations. Selecting the required report defines the main sorting criteria and displays the data in the specified sequence. Each report includes additional information relevant to the selected sorting data.

There are different standard reports available. The first List by Option is shown in the example below.

Report 1

Sorting Criteria in sequence:

Report 1 (Screenshot)

Status	Suppl.#	Sub GEO	Plant	Mfg Line	RSC Code	Material#	Suppl.Mat.#	Description#	RSC Avail.

The report provides the following 2 additional data items for each line item:

5. Description   description of the Material
6. RSC Available   available Stock at the defined RSC-Hub of the Material.

By pressing [→ Continue] the user gets to the List screen.
List Screen   **SU01**

Create

Supply Items (Page 1 of 1)
Total records = 2

		Status	Suppl.#	Sub GEO	Plant	Mfg Line	RSC Code	Material#	Suppl.Mat.#	Description#	RSC Avail.	cum Supply
☐	Details	Crit.	0000060580		HG11	HG11	CF2	09L3011		CABLE PS BKPL/8PBKPL		65
			0000060580		HG11			09L3011				65
			0000060580					09L3011				65
☐	Details	Uncrit.	0000060580		HG11	HG11	CF2	74F5416		ESCON CABLE		
			0000060580		HG11			74F5416				
			0000060580					74F5416				

T   [→ Confirm Demand]   [→ Confirm previous Supply]   (→) Help

[<< Previous]   Displays the previous report page
Page Numbers   Displays the selected report page
[Next >>]   Display the next report page

The total amount of records for each 'List-By-Option' is displayed on the List screen:

Supply Items (Page 1 of 1)

Total records = 2
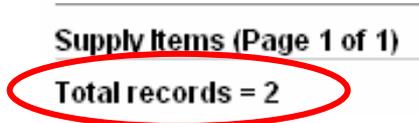
Fast Supply
The Fast Supply option allows the user to confirm a demand Commit directly in the list screen. The User must select the items he wants to commit on by checking the related checkbox in the left column. By pressing the "Confirm Demand" or the "Confirm previous Supply" Button a **Fast Supply** on the selected items is performed.

		Status	Suppl.#	Sub GEO	Plant	Mfg Line	RSC Code	Material#	Suppl.M
☐	Details	Crit.	0000060580		HG11	HG11	CF2	09L3011	
			0000060580		HG11			09L3011	
			0000060580					09L3011	
☐	Details	Uncrit.	0000060580		HG11	HG11	CF2	74F5416	
			0000060580		HG11			74F5416	
			0000060580					74F5416	

[→ Confirm Demand]   [→ Confirm previous Supply]   (→) Help
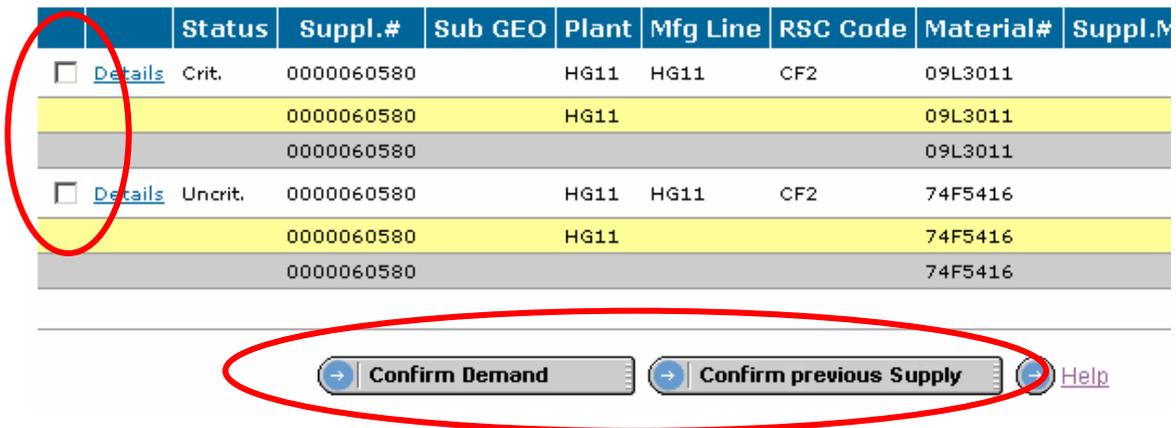
Confirm Demand Button

By pressing the "Confirm Demand" Button, the user commits the Demand for the selected items directly based on FC commit horizon settings.

Confirm previous Supply

By pressing the "Confirm previous Supply" Button, the user commits the Demand for the selected items directly, **based on the previous Supply input**

The System displays a system message, that the Fast-Supply was successful:

Note: Due to site specific Supply/Commit horizon the user is able to save Supply/Commitment data for specific time frame defined by the RSC-@ system around current date (e.g. -2 weeks up in past to 2 weeks in future)

Detailed Views

Click on "Details" in either on the left or right side of each row to display the detailed supply screen for the selected item.

Jump to SU02

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Detail Screen SU01

RSCA > Forecast > Supply >

Create

General

Supply (weekly)

Plant:	GNK	Manufacturing Line:	GNKO	Sub GEO:	EMEA
Material #:	268446G	Description:	DALLAS-3E	WW Supplier ID:	
Supplier #:	5433	Supplier Name:	LG		

Version #:	1111103121	RSC Code:	GK2	IBM Inv.-Supplier owned: 0 20.03.2003 23:15:0
Supplier Material#:			

→ Copy Demand->Supply   → include RSC Stock   → Recalculate

Week	Dates	Backlog	01/2003	02/2003	03/2003	04/2003	05/2003	06.
1st Day of Week			29.12.2002	05.01.2003	12.01.2003	19.01.2003	26.01.2003	02.0
RSC Stock	20.03.2003 23:15GMT+00:00		0					
Demand	20.03.2003 23:15GMT+00:00	N/A						
Supply (actual)								
Comment								
Delta			0	0	0	0	0	
Cum. Delta			0	0	0	0	0	
Supply (extracted)								

→ Continue   → Help

The detailed supply view may exceed the standard web screen size. Users need to use the vertical and horizontal scroll bars to be able to view the complete supply data.

Within the Detail Create Supply Screen there are different categories set up to group the data.

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Supply (weekly) contains basic database settings relevant to the selected Material. These details include:

• Plant Name e.g. HG11	• Manufacturing Line e.g. HG11	• Sub Geo
• Material # e.g. 00K0045	• Description e.g. CARDPOP, …	• WW Supplier ID e.g. N/A
• Supplier # e.g. 0000060305	• Supplier Name e.g. Fujikura Ltd.	
• Version # e.g. 0000000008	• RSC Code: e.g. CF1	• IBM Inv.-Supplier owned
• Supplier Material#	• MRP Run Date	

The Supplementary view includes information on IBM inventory. It is shown for reference on the detailed screens of the Demand view:

- IBM Inventory - Supplier owned: Supplier owned stock on IBM site

The MQ Idoc (IBM inventory) get a timestamp when the data was stored within the RSC@ table.

Suppliers should see only their own inventory. Changing IBM inventory is only possible via the interface data feed.

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The Supply table by weekly:

Week	Dates	Backlog	33/2003	34/2003	35/2003	36/2003
1st Day of Week			10.08.2003	17.08.2003	24.08.2003	31.08.2003
RSC Stock						
Demand	24.08.2003 02:36GMT+00:00	N/A				
Supply (actual)						
Comment						
Delta			0	0	0	0
Cum. Delta			0	0	0	0
Supply (extracted)						

The weekly Supply table includes the following data fields. The current week is highlighted with a grey background.

Week	identifies the calendar week number e.g. 01/28 is the 28 week of 2001
1st Day of week	identifies the 1st day of the specific week based on current production calendar e.g. 08.09.2001 is the 8th of September 2001
RSC Stock	identifies the available stock at the RSC-Hub at the time of the Forecast
Demand	displays the latest IBM Demand by current version number (e.g. 0000000008) providing the weekly scheduled quantities required on that week
Supply (actual)	display the current supply line provided by the supplier for the IBM Forecast. Supplier is able to change the supply data within this menu
Comment	supplier is able to give short information relevant for that week. (optional field)
Delta	identifies the discrepancy between the weekly forecasted demand and the supplier supply line
Cum. Delta	identifies the cumulated weekly discrepancies between the forecasted demand and the supplier supply line
Supply (extracted)	display the last supply provided by the Supplier that was transferred to the IBM Implosion Tool

Manually add the new supply data (comments are possible) or use the fast action button "Copy Demand to Supply". This fast action button allows the user to take over the demand values for supply input.

The "include RSC Stock" Link adds the stock of material which is currently available in the RSC.

Press "Recalculate" button to process your entries.
The supply data will be recalculated and displayed:

Click on the Continue button to save the new supply entries to Supply scheduled lines:

Jump to SU02

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Select the week to create new supply data by clicking on the "1st day of week" hyperlink.

Week	Dates	Backlog	14/2003	15/2003	16/2003
1st Day of Week			30.03.2003	06.04.2003	13.04.2003
RSC Stock	20.03.2003 23:14GMT+00:00		0		
Demand	20.03.2003 23:14GMT+00:00	N/A	50	50	
Supply (actual)	08.09.2003 12:32GMT+00:00		23		

The Create screen is displayed:

Week	Dates	Backlog	14/2003	14/2003	14/2003	14/2003
1st Day of Week			30.03.2003	31.03.2003	01.04.2003	02.04.2003
RSC Stock	20.03.2003 23:14GMT+00:00		0			
Demand	20.03.2003 23:14GMT+00:00	N/A		50		
Supply (actual)	08.09.2003 12:32GMT+00:00		23			
Comment			test			
Delta			23	-50	0	
Cum. Delta			23	-27	-27	
Supply (extracted)						
Demand Source				PO		
Item						
Document#						
Document Creation Date			N/A	20.03.2003	N/A	
Total Document QTY				50		

Continue   Recalculate   Help

The user has the capability to enter the Supply value per day.

In the detailed Supply screens in the daily view "MULIT ORDs" is stated in the "Demand Source", "Item", "Document number", etc. field, when more than one demand is in that specific day and their 3 mentioned data are different.
In Rel. 3.5 the name changed, instead of "MORE" the text „MULTI ORDs" is displayed, now.

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The daily Supply table includes the following additional data fields:

Demand Source	identifies the type of Demand source to the line item (e.g. PO; PR;PLO; SLA)
Item	Line item number for the FC source type (e.g. 010; 020 etc.)
Document#	Contract/PO number
Document Creation Date	Date when document was created (manual entry)
Total Document QTY	Assigned total delivery quantity for the contract/PO number

After entering supply quantities and/or comment click on the "Recalculate" button to recalculate the total cumulative Delta of the Supply record.

Click on the "Continue" button to save the new Supply data.

The following message is displayed:

RSCA > Forecast > Supply >

Create

GLOB-I-0011 Data was saved into DB successfully

General

Supply (weekly)

Plant:	GNK	Manufacturing Line:	GNK

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Change Supply Record

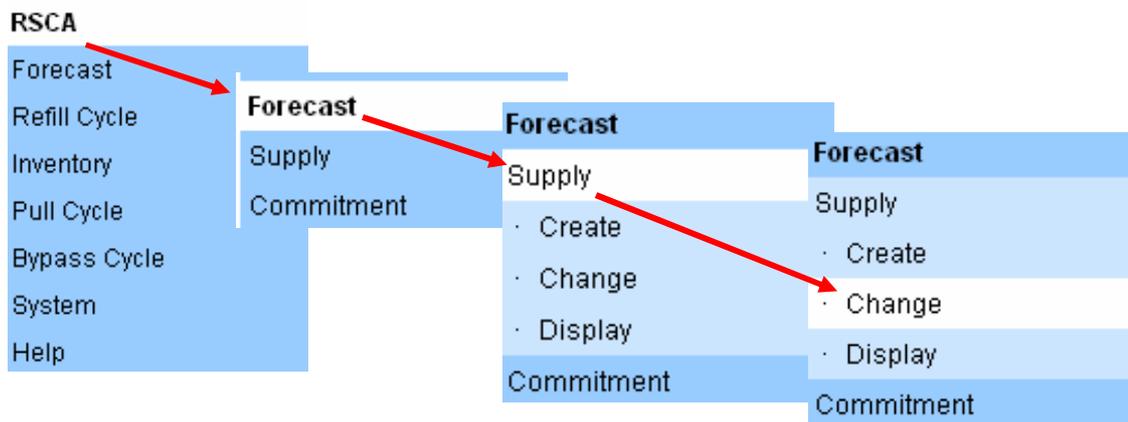Change manual created or system generated supply

Basic flow of the function
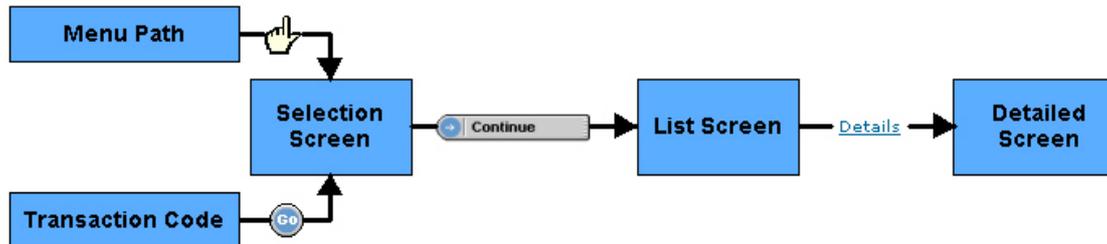
The function can be reached by

Menu Path
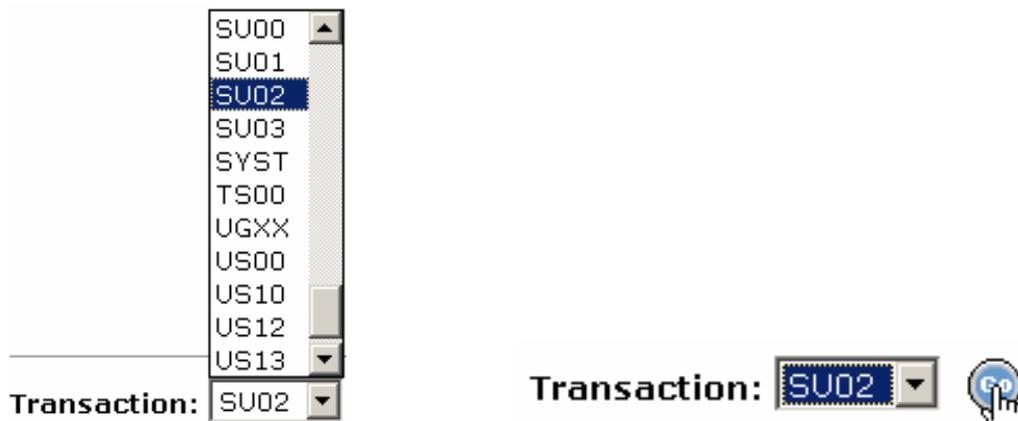   (Forecast -> Supply -> Change)

Transaction Path
Choose Transaction code **SU02** and press the GO Button

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Selection Screen SU02

RSCA > Forecast > Supply >

Change

Selection Criteria

Plant:	[ ]	Manufacturing Line:	[ ]
Material #:	[ ]	Supplier #:	[ ]
Sub-Geo:	[ ]	Demand Source:	All ▼
Demand Date From:	11.08.2003	Demand Date To:	08.03.2004
Cum. Delta:	All ▼	Critical:	All ▼

Display Options

List By: 1. Suppl.#-Sub Geo-Plant-Mfg Line-Mat.#-Cum. Demand-Supply-Delta ▼

Items Per Page: 20 ▼   View: ● Weekly ○ Daily

→ | Continue   → Help

Transaction: SU02 ▼ (Go) | **User:** RSCEXT12 | RSCA 3.5+2 | 08.09.2003 13:06 GMT

It is recommended to enter data for at least one field on this screen. Entering more selection criteria information creates a more specific report.

A detailed description of the data fields is available in SU01

List Screen SU02

(Including Display Options)

These selections provide customization of the Supply items list.
The Display Options/List Screen includes all information already explained under SU01.

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Detail Screen SU02

RSCA > Forecast > Supply >

Change

General

Supply (weekly)

Plant:	GNK	Manufacturing Line:	GNKO	Sub GEO:	EMEA
Material #:	2681CDG	Description:	DALLAS-3P	WW Supplier ID:	
Supplier #:	5433	Supplier Name:	LG		

Version #:	1111103121	RSC Code:	GK2	IBM Inv.-Supplier owned: 0 20.03.200:
Supplier Material#:				

→ Copy Demand->Supply   → include RSC Stock   → Recalculate

Week	Dates	Backlog	10/2003	11/2003	12/2003	13/2003	14/2003
1st Day of Week			02.03.2003	09.03.2003	16.03.2003	23.03.2003	30.03.2003
RSC Stock	20.03.2003 23:14GMT+00:00		0				
Demand	20.03.2003 23:14GMT+00:00	N/A	0	0	0	0	50
Supply (actual)	08.09.2003 12:54GMT+00:00						23
Comment							test
Delta			0	0	0	0	-27
Cum. Delta			0	0	0	0	-27
Supply (extracted)							

→ Continue   → Help

The detailed supply view may exceed the standard web screen size. Users need to use the vertical and horizontal scroll bars to be able to view the complete supply data.

The Detailed Supply Screen Change includes all information already explained under SU01.

The Supply table by weekly:

→ Copy Demand->Supply   → include RSC Stock   → Recalculate

Week	Dates	Backlog	10/2003	11/2003	12/2003	13/2003	14/2003
1st Day of Week			02.03.2003	09.03.2003	16.03.2003	23.03.2003	30.03.2003
RSC Stock	20.03.2003 23:14GMT+00:00		0				
Demand	20.03.2003 23:14GMT+00:00	N/A	0	0	0	0	50
Supply (actual)	08.09.2003 12:54GMT+00:00						23
Comment							test
Delta			0	0	0	0	-27
Cum. Delta			0	0	0	0	-27
Supply (extracted)							

→ Continue   → Help

The Detailed Supply Screen Change per weekly includes all information already explained under SU01.

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Select the week to change new supply data by clicking on the "1st day of week" hyperlink.

Week	Dates	Backlog	14/2003	15/2003	16/2003
1st Day of Week			30.03.2003	06.04.2003	13.04.2003
RSC Stock	20.03.2003 23:14GMT+00:00		0		
Demand	20.03.2003 23:14GMT+00:00	N/A	50	50	
Supply (actual)	08.09.2003 12:32GMT+00:00		23		

The Change screen is displayed:

Week	Dates	Backlog	14/2003	14/2003
1st Day of Week			30.03.2003	31.03.2003
RSC Stock	20.03.2003 23:14GMT+00:00		0	
Demand	20.03.2003 23:14GMT+00:00	N/A		50
Supply (actual)	08.09.2003 12:32GMT+00:00		23	
Comment			test	
Delta			23	-50
Cum. Delta			23	-27
Supply (extracted)				
Demand Source				PO
Item				
Document#				
Document Creation Date				20.03.2003
Total Document QTY				50

Continue   Recalculate   Help

The Detailed Supply Screen Change per day includes all information already explained under SU01.

After entering supply quantities and/or comment click on the "Recalculate" button to recalculate the total cumulative Delta of the Supply record.

Click on the "Continue" button to save the new Supply data.

The following message is displayed:

RSCA > Forecast > Supply >
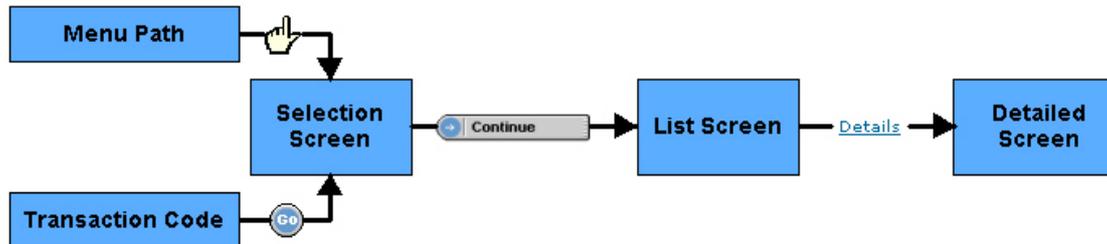
Change

GLOB-I-0011 Data was saved into DB successfully

General

Supply (weekly)

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Display Supply Record

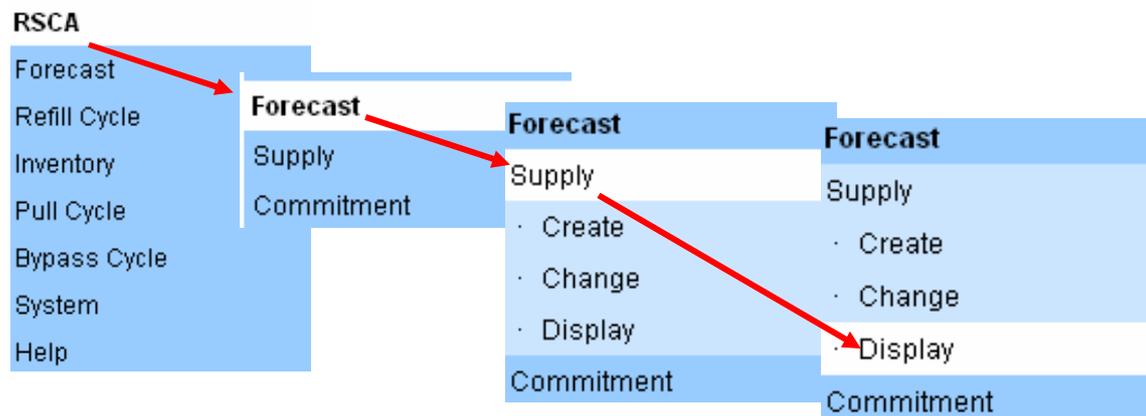Display manual and system generated supply including demand

Basic flow of the function

The function can be reached by

Menu Path
        (Forecast -> Supply -> Display)

Transaction Path
Choose Transaction code **SU03** and press the GO Button

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Selection Screen SU03

RSCA > Forecast > Supply >

Display

Selection Criteria

Plant:		Manufacturing Line:	
Material #:		Supplier #:	
Sub-Geo:		Demand Source:	All
Demand Date From:	12.08.2003	Demand Date To:	09.03.2004
Cum. Delta:	All	Critical:	All

☐ Current + History Level   ☐ History Level

Display Options

List By: 1. Suppl.#-Sub Geo-Plant-Mfg Line-Mat.#-Cum. Demand-Supply-Delta

Transaction Type: Display

Items Per Page: 20   View: ⦿ Weekly ○ Daily

→ | Continue   →Help

Transaction: SU03 ▾ (Go) | **User:** RSCEXT12 | RSCA 3.5+2 | 09.09.2003 11:11 GMT

It is recommended to enter data for at least one field on this screen. Entering more selection criteria information creates a more specific report.

A detailed description of the data fields is available in SU01

New box for "Current and History level"
In the Display transactions were a tick box allowing user to select to view both uFC and cFC cycles. As we moved to the new single demand cycle it is not necessary to show that. The function is utilised to provide additional visibility within the single demand FC allowing to see the details of the previous FC version together with the current FC details.

☐ Current + History Level   ☐ History Level

Display Options

History Level   If marked, Supply's by last version number of Demand
                       (e.g. current Version # **-1**) is selected only

List Screen SU03

(Including Display Options)

The Display Options provides for customization of the Supply Items list:

- List by   Specifies the sorting data and the sequence of data
                           columns in the list. All the reports show additional
                           information as described in the next section.

- Transaction Type   Either display on screen or download to a file
                           There is a new Download function: GZIP. This
                           Compress the download and upload stream (it will
                           reduce the ASCII oriented contend and results in a
                           smaller transfer time.
                           The compressed stream has to be either ZIP or GZIP,
                           other formats like TAR are not supported

                           Download = SUP Upload
                           The new external download option is the same as the
                           existing "Download = supply upload
                           The user is able to Upload Supply Spreadsheet

- Items per page   Sets the number of line items shown on a page or a
                           screen

- Weekly/Daily   Selected Supply/Commitment can be displayed either
                           on weekly or on daily scheduled deliveries

List by Options
In the "List by Options" selection, users can choose among several sorting
criteria and additional material data combinations. Selecting the required
report defines the main sorting criteria and displays the data in the specified
sequence. Each report includes additional information relevant to the selected
sorting data.

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There are different standard reports available. The first List by Option is shown in the example below.

Report 1
Sorting Criteria in sequence:

Report 1 (Screenshot)

Status	Suppl.#	Sub GEO	Plant	Mfg Line	RSC Code	Material#	Suppl.Mat.#	Description#	RSC Avail.

The report provides the following 2 additional data items for each line item:

5. Description   description of the Material
6. RSC Available   available Stock at the defined RSC-Hub of the Material.

By pressing   the user gets to the list display screen.

The user can page through the report by clicking on the following items:

[<< Previous]   Displays the previous report page
Page Numbers   Displays the selected report page
[Next >>]   Display the next report page

The total amount of records for each 'List-By-Option' is displayed on the List screen:

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Detailed Views

	Supp.#	Mat.#	Supp.Mat.#	Descr.	Sub GEO	Plant	Mfg L	cum Var wk 05/02	cum Var wk 06/02	cum Var wk 07/02	cum Var wk 08/02	
Details	10000? 5415	33L5050				RTP	RTP		300	599	899	Details
Details	1000 25415	37L6889				RTP	RTP		112	226	919	Details

1 2 3 4 5 6 7 8 9 [Next]

Click on "Details" in either on the left or right side of each row to display the
detailed supply screen for the selected item.

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Detail Screen SU03
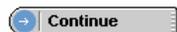
RSCA > Forecast > Supply >

Display

General

Supply (weekly)

Plant:	GNK	Manufacturing Line:	GNKO	Sub GEO:	E
Material #:	2681CDG	Description:	DALLAS-3P	WW Supplier ID:	
Supplier #:	5433	Supplier Name:	LG		
Version #:	1111103121	RSC Code:	GK2	IBM Inv.-Supplier owned:	
Supplier Material#:					

Week	Dates	Backlog	10/2003	11/2003	12/2003	13/2003	14/2003	15/2003	16/200
1st Day of Week			02.03.2003	09.03.2003	16.03.2003	23.03.2003	30.03.2003	06.04.2003	13.04.2
RSC Stock									
Demand	20.03.2003 23:14GMT+00:00	N/A	0	0	0	0	50	50	
Supply (actual)	09.09.2003 11:09GMT+00:00						20	19	
Comment							test	test2	
Delta			0	0	0	0	-30	-31	
Cum. Delta			0	0	0	0	-30	-61	-
Supply (extracted)									

→ Continue   → Help

Transaction: SU03 ▾ (Go) | User: RSCEXT12 | RSCA 3.5+2 | 09.09.2003 11:55 GMT

The detailed supply view may exceed the standard web screen size. Users need to use the vertical and horizontal scroll bars to be able to view the complete supply data.

The Detailed Supply Screen Display includes all information already explained under SU01.

The Supply table by weekly:

Week	Dates	Backlog	10/2003	11/2003	12/2003	13/2003	14/2003
1st Day of Week			02.03.2003	09.03.2003	16.03.2003	23.03.2003	30.03.2003
RSC Stock							
Demand	20.03.2003 23:14GMT+00:00	N/A	0	0	0	0	50
Supply (actual)	09.09.2003 11:09GMT+00:00						20
Comment							test
Delta			0	0	0	0	-30
Cum. Delta			0	0	0	0	-30
Supply (extracted)							

The Detailed Supply Screen Display per weekly includes all information already explained under SU01.

The Supply table by daily:

Select the week to display detailed supply data by daily buckets using the "1st day of week" hyperlink. The following screen is displayed:

Week	Dates	Backlog	14/2003	14/2003
1st Day of Week			30.03.2003	31.03.2003
RSC Stock				
Demand	20.03.2003 23:14GMT+00:00	N/A		50
Supply (actual)	09.09.2003 11:09GMT+00:00		20	
Comment			test	
Delta			20	-50
Cum. Delta			20	-30
Supply (extracted)				
Demand Source				PO
Item				
Document#				
Document Creation Date				20.03.2003
Total Document QTY				50

The Detailed Supply Screen Display per daily includes all information already explained under SU01.

_____

Commitment

The commitment is the response from a supplier on IBM's forecast cycle.
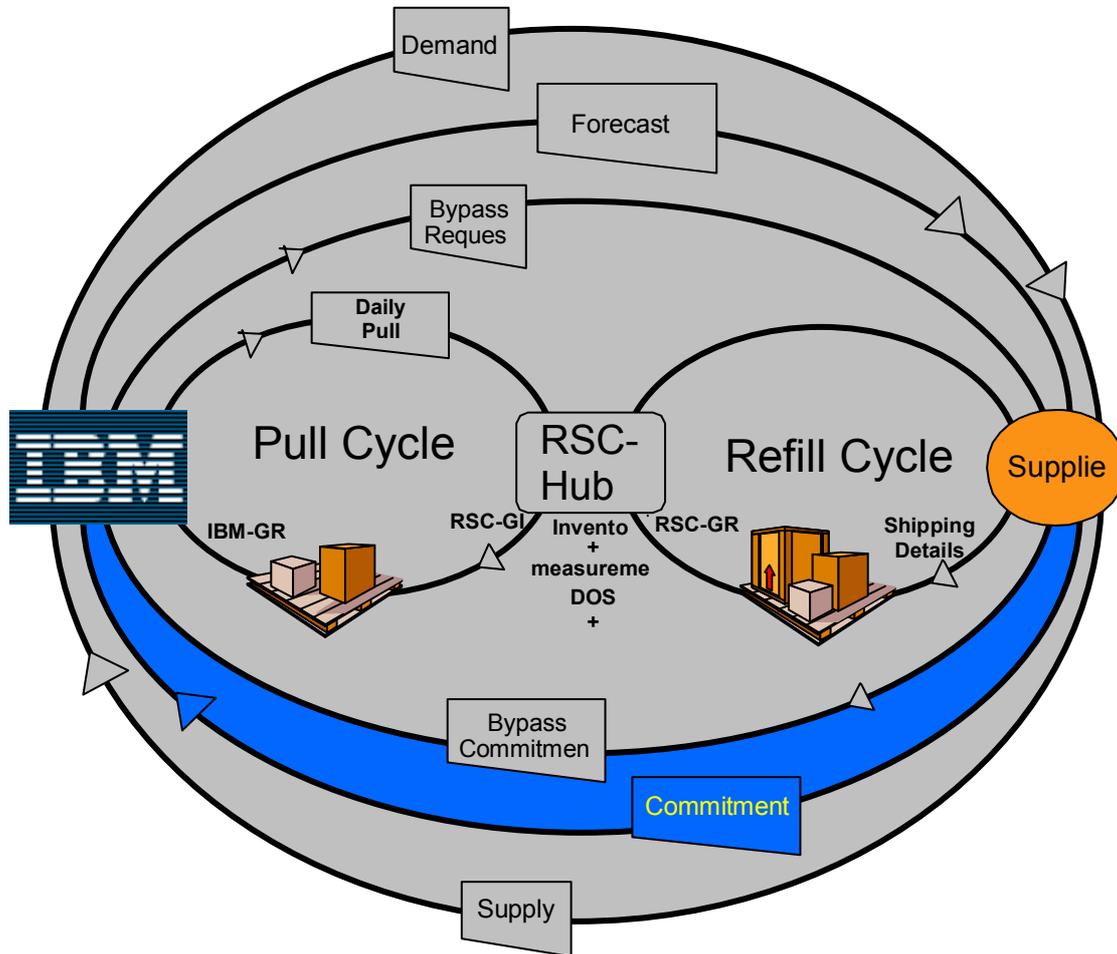

Commitment provides the following functions:

Create: - Create manual commitments in addition to system loaded
               Commitments

Change: - Change manual created or system generated commitment

Display: - Display manual and system generated commitments including
               forecast

_____

Create Commitment Record

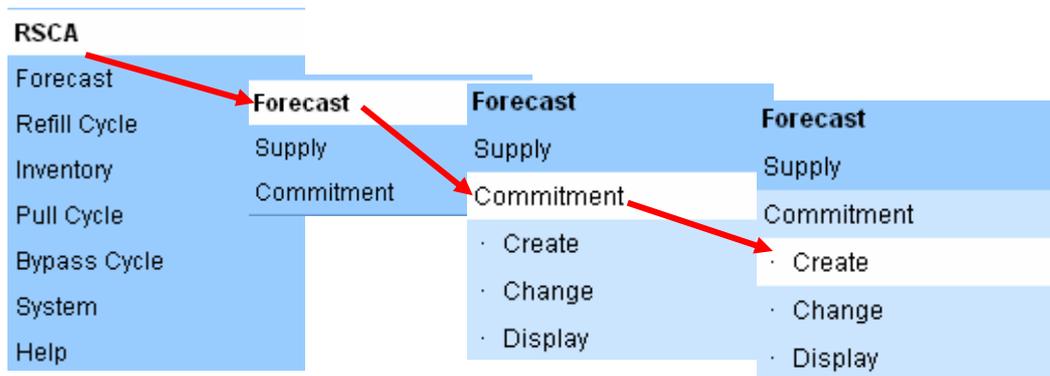Create manual commitments in addition to system loaded Commitments

Basic flow of the function
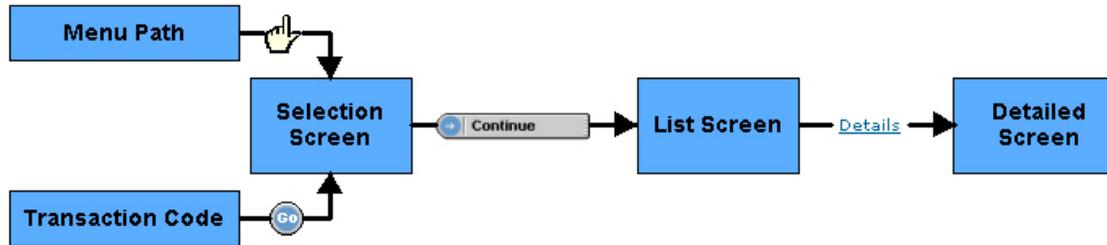
The function can be reached by

Menu Path

(Forecast -> Commitment -> Create)

Transaction Path

Choose Transaction code **CM01** and press the GO Button

Selection Screen CM01

RSCA > Forecast > Commitment >

Create

Selection Criteria

Plant:		Manufacturing Line:	
Material #:		Supplier #:	
Sub-Geo:		FC Source:	All
Forecast Date From:	12.08.2003	Forecast Date To:	09.03.2004
Cum. Delta:	All	Critical:	All

Display Options

List By: 1. Suppl.#-Sub Geo-Plant-Mfg Line-Mat.#-Cum. Forecast-Commit-Delta

Items Per Page: 20   View: ● Weekly ○ Daily

→ | Continue   → Help

It is recommended to enter data for at least one field on this screen. Entering more selection criteria information creates a more specific report.

Field	Description
Plant	Plant Code defined within RSC@, e.g. HG11 (a 4 digit alphanumeric field)
Manufacturing Line	Manufacturing Line within a Plant, e.g. HG11 (a 4 digit alphanumeric field)
Material #	Material Number of the material which is used in a Manufacturing Line, e.g. 00K0045 (an alphanumeric field)
Supplier #	Material Supplier number, e.g. 000012056T (an alphanumeric field)
Sub-Geo	Specifies a plant and supplier combination which can only be separated by the different sub-geo values (PCD requirement for OEM boxes)
FC Source	Specifies the type of Forecast source (Purchase Order, Sched. Line Agreement, Planned Order, Purchase Request) (only available on CM Screens)
Forecast Date From	Start date for Forecast selection
Forecast Date To	End date for Forecast selection
Cum. Delta	Selects part numbers that shows a positive response. Negative "Cumulative Delta" allows focus on critical parts (negative: Forecast is not covered; positive: promised delivery exceeds forecast)
Critical	Displays critical or uncritical parts.

Display Options

The Display Options selections provide for customization of the Commitment item list to meet your requirements.

- List by: Specifies the sorting data and the sequence of data columns in the list. All the reports show additional information as described in the next section.

- Items per page   The maximum number of line items shown on a page or a screen can be selected

- Weekly/Daily   The selected Supply/Commitment can be displayed either on weekly or on daily scheduled deliveries

List by Options
In the "List by Options" selection, users can choose among several sorting criteria and additional material data combinations. Selecting the required report defines the main sorting criteria and displays the data in the specified sequence. Each report includes additional information relevant to the selected sorting data.

There are different standard reports available. The first List by Option is shown in the example below.

Report 1
Sorting Criteria in sequence:

Report 1 (Screenshot)

Status	Suppl.#	Sub GEO	Plant	Mfg Line	RSC Code	Material#	Suppl.Mat.#	Description#	RSC Avail.

The report provides the following 2 additional data items for each line item:

5. Description   description of the Material
6. RSC Available   available Stock at the defined RSC-Hub of the Material.

By pressing [→ Continue] the user gets to the List screen.
List Screen   **CM01**

RSCA > Forecast > Commitment >

Create

Commitment Items (Page 1 of 1)
Total records = 1

	Status	Suppl.#	Sub GEO	Plant	Mfg Line	RSC Code	Material#	Suppl.Mat.#	Description#	RSC A
☐ Details	Uncrit.	1245	EMEA	GNK	GNK	GK1	0000046P7810		SU 26567/F	
		1245		GNK			0000046P7810			
		1245					0000046P7810			

[→ Confirm FC]   [→ Confirm proposal]   [→ Help]

The user can page through the report by clicking on the following items:

**[<< Previous]**   Displays the previous report page
Page Numbers   Displays the selected report page
[Next >>]   Display the next report page

New columns in list screen are displayed:

- Cum Prop: cumulated proposal line data
- Cum Delta: cum proposal line data vs. cum FC

t	cum FC	cum Delta	cum Prop	cum Delta	
	2	-2	2	-2	Det
	44	-44	44	-44	Det
	0	0	0	0	Det

The total amount of records for each 'List-By-Option' is displayed on the List screen:

Commitment Items (Page 1 of 1)
Total records = 1
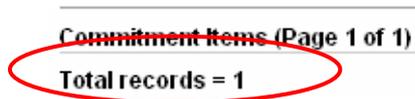
Fast Commit

The Fast Commit option allows the user to confirm a Commit directly in the list screen. The User must select the items he wants to commit on by checking the related checkbox in the left column. By pressing the "Confirm FC" or the "Confirm proposal" Button a **Fast Commit** on the selected items is performed.

Confirm FC Button

By pressing the "Confirm FC" Button, the user commits the Forecast for the selected items directly based on FC commit horizon settings.

Confirm proposal

By pressing the "Confirm proposal" Button, the user commits the Forecast for the selected items directly, **based on the proposal input.**

The System displays a system message, that the Fast-Commit was successful:

Note: Due to site specific Supply/Commit horizon the user is able to save Supply/Commitment data for specific time frame defined by the RSC-@ system around current date (e.g. -2 weeks up in past to 2 weeks in future)

_____

Detailed Views

1 2 3 4 5 6 7 8 9 [Next]

	Supp.#	Mat.#	Supp.Mat.#	Descr.	Sub GEO	Plant	Mfg L	cum Var wk 05/02	cum Var wk 06/02	cum Var wk 07/02	cum Var wk 08/02	
Details	10000?5415	33L5050				RTP	RTP		300	599	899	Details
Details	1000025415	37L6889				RTP	RTP		112	226	919	Details

Click on "Details" in either on the left or right side of each row to display the detailed Commitment screen for the selected item.

Jump to CM02

Detail Screen CM01

RSCA > Forecast > Commitment >

Create

General

Commitment (weekly)

Plant:	GNK	Manufacturing Line:	GNK	Sub GEO:	EMEA
Material #:	0000046P7810	Description:	SU 26567/F	WW Supplier ID:	
Supplier #:	1245	Supplier Name:	WISTRON CORPORATION		

Version #:	1111103371	RSC Code:	GK1	IBM Inv.-Supplier owned: 0 04.09.2003 16:20:32 GMT
Supplier Material#:			

Confirm FC   Confirm Proposal   include RSC Stock   Recalculate

Week	Dates	Backlog	33/2003	34/2003	35/2003	36/2003	37/2003	38/200
1st Day of Week			10.08.2003	17.08.2003	24.08.2003	31.08.2003	07.09.2003	14.09.20
RSC Stock	04.09.2003 16:20GMT+00:00		0					
Forecast	04.09.2003 16:20GMT+00:00	N/A			2	0	0	
Order Book			N/A	N/A	N/A	N/A	N/A	
Proposal (not available)								
Commitment (actual)								
Comment								
Delta			0	0	-2	0	0	
Cum. Delta			0	0	-2	-2	-2	
Commitment (extracted)								

Continue   Help

The detailed Commitment view may exceed the standard web screen size. Users need to use the vertical and horizontal scroll bars to be able to view the complete Commitment data.

Within the Detail Create Commitment Screen there are different categories set up to group the data.

The Detailed Commitment Screen Create includes all information already explained under SU01.

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The Commitment table by weekly:

The weekly Commitment table includes the following data fields. The current week is highlighted with a grey background.

Week	identifies the calendar week number e.g. 01/28 is the 28 week of 2001
1st Day of week	identifies the 1st day of the specific week based on current production calendar e.g. 08.09.2001 is the 8th of September 2001
RSC Stock	identifies the available stock at the RSC-Hub at the time of the Forecast
Forecast	Displays the latest IBM Forecast by current version number (e.g. 0000000008) providing the weekly scheduled quantities required on that week
Order Book	The Order Book is displayed only for PCD plants. This can be set as a flag in the Plant Line Setting Table (see User Manual "09 System Internal V35")
Proposal (not available)	give clear message that it is not an error if there are no any data
Commiment (actual)	Displays the actual Commitment supply line provided by the supplier for the IBM Commiment.
Comment	supplier is able to give short information relevant for that week. (optional field)

_____

Delta	identifies the discrepancy between the weekly Forecast and the supplier commitment line, but the delta does not include the proposal
Cum. Delta	identifies the cumulated weekly discrepancies between the forecast and the supplier commitment line
Commitment (extracted)	Displays the last Commitment provided by the Supplier that was transferred to the IBM Implosion Tool by referenced timestamp

<div align="right">Jump to CM03</div>

Manually add the new commitment data (comments are possible).

The button "Confirm FC" copies the FC line to the commitment line.

The button "Confirm proposal" copies the proposal line data into the commitment line.

The "include RSC Stock" Link adds the stock of material which is currently available in the RSC.

Press "Recalculate" button to process your entries.
The commitment data will be recalculated and displayed:

Click on the Continue button to save the new commitment entries to
Commitment scheduled lines:

RSCA > Forecast > Commitment >

Create

GLOB-I-0011 Data was saved into DB successfully

Commitment Items (Page 9 of 60)

Total records = 396

		Status	Suppl.#	Sub GEO	Plant	Mfg Line	RSC

Select the week to create new commitment data by clicking on the "1st day of
week" hyperlink.

→ Confirm FC   → Confirm Proposal   → include RSC Stock   →

Week	Dates	Backlog	33/2003	34/2003
1st Day of Week			10.08.2003	17.08.2003
RSC Stock	04.09.2003 14:56GMT+00:00		0	
Forecast	04.09.2003 14:56GMT+00:00	N/A		
Order Book			N/A	N/A

The Create screen is displayed:

Week	Dates	Backlog	35/2003	35/2003
1st Day of Week			24.08.2003	25.08.2003
RSC Stock	04.09.2003 14:56GMT+00:00		0	
Forecast	04.09.2003 14:56GMT+00:00	N/A		4607
Order Book		N/A	N/A	N/A
Proposal (not available)				
Commitment (actual)	10.09.2003 12:24GMT+00:00		100	
Comment			test for commit	
Delta			100	-4607
Cum. Delta			100	-4507
Commitment (extracted)				
FC Source				PO
Item				
Document#				
Document Creation Date			N/A	04.09.2003
Total Document QTY				4607

The user has the capability to enter the Commitment value per day.

In the detailed Commitment screens in the daily view "MULIT ORDs" is stated in the "FC source", "Item", "Document number", etc. field, when more than one forecast is in that specific day and their 3 mentioned data are different.
In Rel. 3.5 the name changed, instead of "MORE" the text „MULTI ORDs" is displayed, now.

The daily Commitment table includes the following additional data fields:

FC Source	identifies the type of FC source to the line item (e.g. PO; PR;PLO; SLA)
Item	Line item number for the FC source type (e.g. 010; 020 etc.)
Document#	Contract/PO number
Document Creation Date	Date when document was created (manual entry)
Total Document QTY	Assigned total delivery quantity for the contract/PO number

Jump to CM02, CM03

After entering Commitment quantities and/or comment click on the "Recalculate" button to recalculate the total cumulative Delta of the Commitment record.

Click on the "Continue" button to save the new Commitment data.

The following message is displayed:

_____

Change Commitment Record

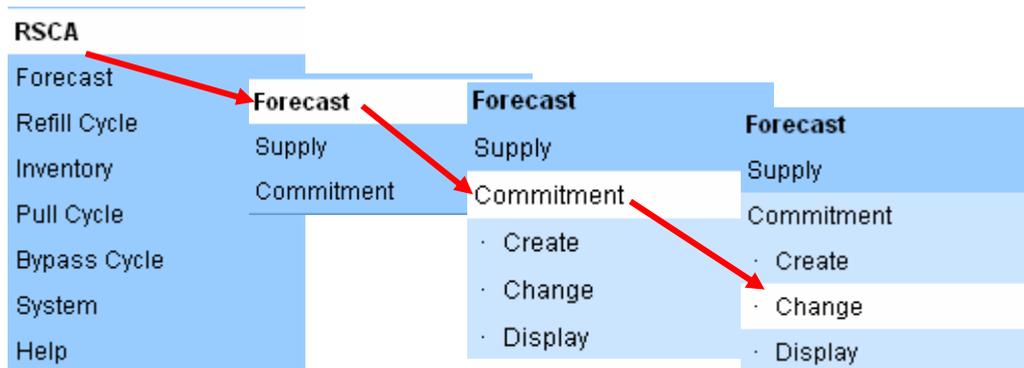Change manual created or system generated commitment.

Basic flow of the function
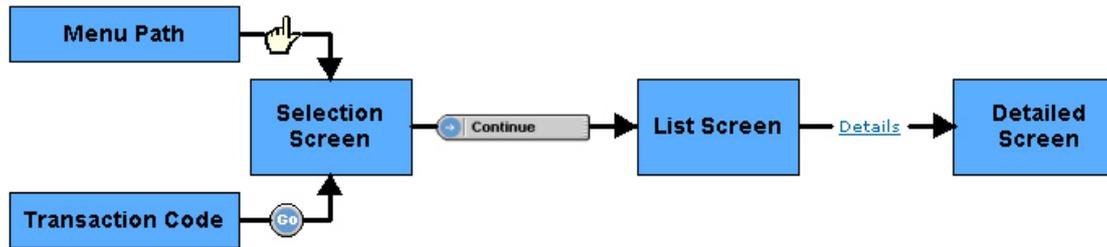
The function can be reached by

Menu Path
      (Forecast -> Commitment -> Change)

Transaction Path
Choose Transaction code **CM02** and press the GO Button

_____

_____

Selection Screen CM02

RSCA > Forecast > Commitment >

Change

Selection Criteria

Plant:		Manufacturing Line:	
Material #:		Supplier #:	
Sub-Geo:		FC Source:	All
Forecast Date From:	13.08.2003	Forecast Date To:	10.03.2004
Cum. Delta:	All	Critical:	All

Display Options

List By: 1. Suppl.#-Sub Geo-Plant-Mfg Line-Mat.#-Cum. Forecast-Commit-Delta

Items Per Page: 20   View: ● Weekly ○ Daily

→ Continue   → Help

It is recommended to enter data for at least one field on this screen. Entering more selection criteria information creates a more specific report.

A detailed description of the data fields is available in CM01.

List Screen CM02

(Including Display Options)

These selections provide customization of the Commitment items list.
The Display Options/List Screen includes all information already explained under CM01.

_____

Detail Screen CM02

RSCA > Forecast > Commitment >

Change

Commitment (weekly)

Plant:	GNK	Manufacturing Line:	GNK	Sub GEO:	EMEA
Material #:	20L0255	Description:	128MB 100MHZ NP SDRAM SODIMM 1	WW Supplier ID:	
Supplier #:	5164	Supplier Name:	KINGSTON		

Version #:	1111103371	RSC Code:	GK1	IBM Inv.-Supplier owned: 0 04.09.200:
Supplier Material#:				

→ Confirm FC   → Confirm Proposal   → include RSC Stock   → Recalculate

Week	Dates	Backlog	35/2003	36/2003	37/2003	38/2003	39/2003
1st Day of Week			24.08.2003	31.08.2003	07.09.2003	14.09.2003	21.09.200:
RSC Stock	04.09.2003 15:01GMT+00:00		0				
Forecast	04.09.2003 15:01GMT+00:00	N/A	238	80	80	80	
Order Book			N/A	N/A	N/A	N/A	
Proposal (not available)							
Commitment (actual)							
Comment							
Delta			-238	-80	-80	-80	
Cum. Delta			-238	-318	-398	-478	-
Commitment (extracted)							

→ **Continue**   → Help

The detailed commitment view may exceed the standard web screen size. Users need to use the vertical and horizontal scroll bars to be able to view the complete commitment data.

The Detailed Commitment Screen Change includes all information already explained under SU01.

The Commitment table by weekly:

→ Confirm FC   → Confirm Proposal   → include RSC Stock   → Recalculate

Week	Dates	Backlog	35/2003	36/2003	37/2003	38/2003
1st Day of Week			24.08.2003	31.08.2003	07.09.2003	14.09.2003
RSC Stock	04.09.2003 15:01GMT+00:00		0			
Forecast	04.09.2003 15:01GMT+00:00	N/A	238	80	80	80
Order Book			N/A	N/A	N/A	N/A
Proposal (not available)						
Commitment (actual)						
Comment						
Delta			-238	-80	-80	-80
Cum. Delta			-238	-318	-398	-478
Commitment (extracted)						

→ **Continue**   → Help

The Detailed Commitment Screen Change per weekly includes all information already explained under CM01.

Select the week to change new Commitment data by clicking on the "1st day of week" hyperlink.

The Change screen is displayed:

The Detailed Commitment Screen Change per day includes all information already explained under CM01.

After entering Commitment quantities and/or comment click on the "Recalculate" button to recalculate the total cumulative Delta of the Commitment record.

Click on the "Continue" button to save the new Commitment data.

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The following message is displayed:

RSCA > Forecast > Commitment >
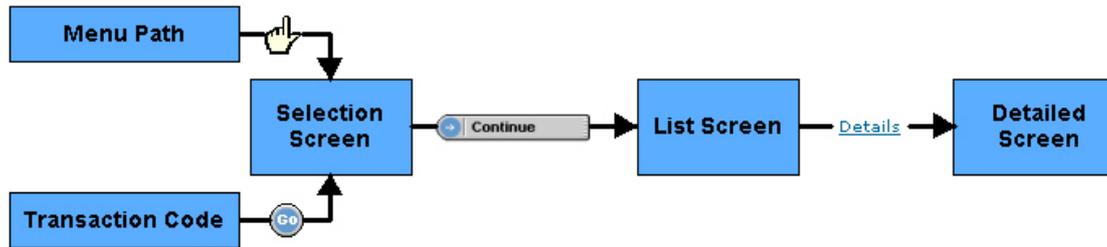
Change

GLOB-I-0011 Data was saved into DB successfully

Commitment (weekly)

Display Commitment Record

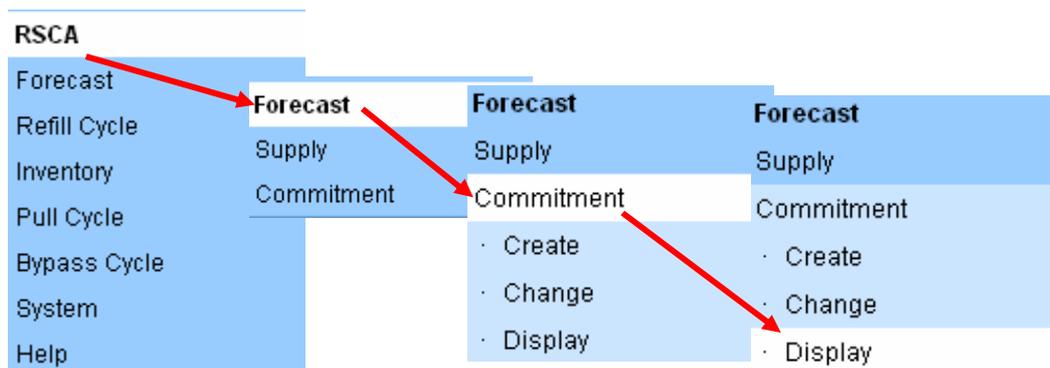Display manual and system generated commitments including forecast.

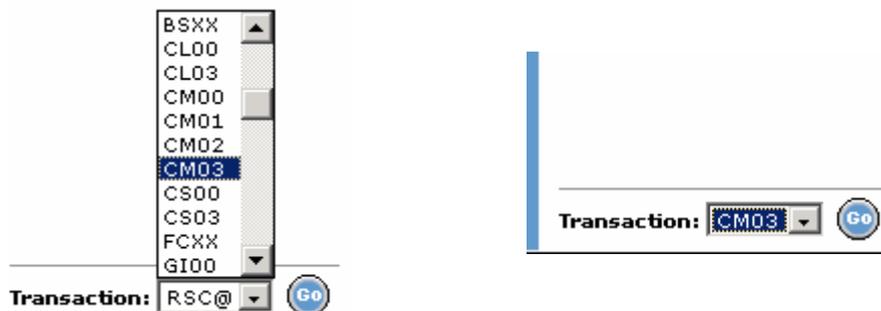**Basic flow of the function**

The function can be reached by

Menu Path

    (Forecast -> Commitment -> Display)

Transaction Path
Choose Transaction code **CM03** and press the GO Button

Selection Screen CM03

RSCA > Forecast > Commitment >

Display

Selection Criteria

Plant:		Manufacturing Line:	
Material #:		Supplier #:	
Sub-Geo:		FC Source:	All
Forecast Date From:	14.08.2003	Forecast Date To:	11.03.2004
Cum. Delta:	All	Critical:	All

☐ Current + History Level   ☐ History Level

Display Options

List By: 1. Suppl.#-Sub Geo-Plant-Mfg Line-Mat.#-Cum. Forecast-Commit-Delta

Transaction Type: Display

Items Per Page: 20   View: ⦿ Weekly ○ Daily

→ Continue   → Help

It is recommended to enter data for at least one field on this screen. Entering more selection criteria information creates a more specific report.

A detailed description of the data fields is available in CM01.

New box for "Current and History level"
In the Display transactions were a tick box allowing user to select to view both uFC and cFC cycles. As we moved to the new single demand cycle it is not necessary to show that. The function is utilised to provide additional visibility within the single demand FC allowing to see the details of the previous FC version together with the current FC details.

☐ Current + History Level   ☐ History Level

Display Options

History Level   If marked, Supply's by last version number of Demand
                       (e.g. current Version # **-1**) is selected only

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List Screen CM03

(Including Display Options)

The Display Options provides for customization of the Commitment Items list:

Display Options	
List By:	1. Suppl.#Sub Geo-Plant-Mfg Line-Mat.#-Cum. Forecast-Commit-Delta ▼
Transaction Type:	Display ▼
Items Per Page:	20 ▼ View: ⦿ Weekly ○ Daily

- List by — Specifies the sorting data and the sequence of data columns in the list. All the reports show additional information as described in the next section.

- Transaction Type — Either display on screen or download to a file
  There is a new Download function: GZIP. This Compress the download and upload stream (it will reduce the ASCII oriented contend and results in a smaller transfer time.
  The compressed stream has to be either ZIP or GZIP, other formats like TAR are not supported

  Download = COM Upload
  The new external download option is the same as the existing "Download = commitment upload".
  The user is able to Upload Commitment Spreadsheet

  Download COM & PROP
  The new external download option is the same as the existing "Download = commitment upload", but has 2 additional columns as of the proposal qty and date at the end. This format can only be uploaded, if the 2 last columns -proposal qty and date- get deleted.

- Items per page — Sets the number of line items shown on a page or a screen

- Weekly/Daily — Selected Supply/Commitment can be displayed either on weekly or on daily scheduled deliveries

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List by Options

In the "List by Options" selection, users can choose among several sorting criteria and additional material data combinations. Selecting the required report defines the main sorting criteria and displays the data in the specified sequence. Each report includes additional information relevant to the selected sorting data.

There are different standard reports available. The first List by Option is shown in the example below.

Display Options

List By:	1. Suppl.#-Sub Geo-Plant-Mfg Line-Mat.#-Cum. Forecast-Commit-Delta ▼
	1. Suppl.#-Sub Geo-Plant-Mfg Line-Mat.#-Cum. Forecast-Commit-Delta
Transaction Type:	2. Suppl.#-Sub Geo-Plant-Mfg Line-Mat.#-Weekly Cum. Delta-WW Sum.

Report 1

Sorting Criteria in sequence:

1. Suppl.#-Sub Geo-Plant-Mfg Line-Mat.#-Cum. Forecast-Commit-Delta ▼

Report 1 (Screenshot)

Status	Suppl.#	Sub GEO	Plant	Mfg Line	RSC Code	Material#	Suppl.Mat.#	Description#	RSC Avail.

The report provides the following 2 additional data items for each line item:

5. Description   description of the Material
6. RSC Available   available Stock at the defined RSC-Hub of the Material.

By pressing   [→ Continue]   the user gets to the list display screen.

RSCA > Forecast > Commitment >

Display

Commitment Items (Page 1 of 1)

Total records = 2

	Status	Suppl.#	Sub GEO	Plant	Mfg Line	RSC Code	Material#	Suppl.Mat.#	Description#	RSC Avail.	cum Comm
Details	Uncrit.	1245	EMEA	GNK	GNK	GK1	0000046P7810		SU 26567/F	0	
Details		1245		GNK			0000046P7810			0	
Details		1245					0000046P7810			0	
Details	Uncrit.	1245	EMEA	GNK	GNK	GK1	0000046P7811		SU 26567/E	0	
Details		1245		GNK			0000046P7811			0	
Details		1245					0000046P7811			0	

⊙ Help

The user can page through the report by clicking on the following items:

[<< Previous]   Displays the previous report page
Page Numbers   Displays the selected report page
[Next >>]   Display the next report page

New columns in list screen are displayed:

- Cum Prop: cumulated proposal line data
- Cum Delta: cum proposal line data vs. cum FC

The total amount of records for each 'List-By-Option' is displayed on the List screen:

Detailed Views

Click on "Details" in either on the left or right side of each row to display the detailed supply screen for the selected item.

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Detail Screen CM03

RSCA > Forecast > Commitment >

Display

General

Commitment (weekly)

Plant:	GNK	Manufacturing Line:	GNK	Sub GEO:	EMI
Material #:	10K0030	Description:	256MB PC2100 DDR SDRAM SODIMM	WW Supplier ID:	
Supplier #:	5164	Supplier Name:	KINGSTON		

| Version #: | 1111103371 | RSC Code: | GK1 | IBM Inv.-Supplier owned: 0 04 |
| Supplier Material#: | | | | |

Week	Dates	Backlog	35/2003	36/2003	37/2003	38/2003	39/2003	40/2003	41/20
1st Day of Week			24.08.2003	31.08.2003	07.09.2003	14.09.2003	21.09.2003	28.09.2003	05.10.
RSC Stock	04.09.2003 14:56GMT+00:00		0						
Forecast	04.09.2003 14:56GMT+00:00	N/A	4607	2425	2425	2425	2425	1400	
Order Book									
Proposal (not available)									
Commitment (actual)	10.09.2003 12:44GMT+00:00		150						
Comment			MultiOrds						
Delta			-4457	-2425	-2425	-2425	-2425	-1400	-
Cum. Delta			-4457	-6882	-9307	-11732	-14157	-15557	-1
Commitment (extracted)									

→ **Continue**   → Help

The detailed commitment view may exceed the standard web screen size. Users need to use the vertical and horizontal scroll bars to be able to view the complete commitment data.

The Detailed Commitment Screen Display includes all information already explained under <u>SU01</u>.

The Commitment table by weekly:

Week	Dates	Backlog	35/2003	36/2003
1st Day of Week			24.08.2003	31.08.2003
RSC Stock	04.09.2003 14:56GMT+00:00		0	
Forecast	04.09.2003 14:56GMT+00:00	N/A	4607	2425
Order Book				
Proposal (not available)				
Commitment (actual)	10.09.2003 12:44GMT+00:00		150	
Comment			MultiOrds	
Delta			-4457	-2425
Cum. Delta			-4457	-6882
Commitment (extracted)				

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The Detailed Commitment Screen Display per weekly includes all information already explained under CM01.

The Commitment table by daily:

Select the week to display detailed commitment data by daily buckets using the "1st day of week" hyperlink. The following screen is displayed:

Week	Dates	Backlog	35/2003	35/2003
1st Day of Week			24.08.2003	25.08.2003
RSC Stock	04.09.2003 14:56GMT+00:00		0	
Forecast	04.09.2003 14:56GMT+00:00	N/A		4607
Order Book				
Proposal (not available)				
Commitment (actual)	10.09.2003 12:44GMT+00:00		100	50
Comment			test for commit	fsdfasdfasdf
Delta			100	-4557
Cum. Delta			100	-4457
Commitment (extracted)				
FC Source				PO
Item				
Document#				
Document Creation Date				04.09.2003
Total Document QTY				4607

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The Detailed Commitment Screen Display per daily includes all information already explained under CM01.