# **BAAN IV**

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# About this document

This document provides the user with an overview of the BAAN IV - BaanSync Scheduler 6.0 Interface. In particular this document describes the assumptions and constraints of the Interface, the mechanics of Import-Export, the procedure for implementation, and a description of the individual sessions created for the interface.

Chapter 1 provides a brief introduction to the interface.

Chapter 2 describes the assumptions the developers made when they created the interface and the associated constraints.

Chapter 3 describes the mechanics of Import-Export, the data flow procedure between BAAN and BaanSync Scheduler.

Chapter 4 describes the procedure for implementing the Interface.

Chapter 5 describes the sessions that have been created for the interface as well as some important sessions in the standard BAAN IVc that have been modified for the interface.

# Introduction

1

This document explains the functions of the BAAN IV-BaanSync Scheduler 6.0 interface and the constraints associated with it. This document should be used by persons knowledgeable in BAAN and BaanSync Scheduler.

This interface was developed on BAAN IV and interacts with BaanSync Scheduler 6.0.

The user must read the next chapter, Interface rules, before using the interface.

The data transfer is performed using ASCII files.

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# Interface rules

There are certain assumptions made in this interface, and these assumptions are listed below.

# General

- All the activities in this document conform to those mentioned in the Post Installation Guide have been followed.
- All the required default data for this interface was created in BaanSync Scheduler (specified in the Configuration Guide).
- The user must not use any special characters in the codes of any BAAN session. This is because BaanSync Scheduler does not accept any special characters.

Name	Character	
Tilde	~	
Apostrophe	,	
Exclamation	!	
At the rate sign	@	
Hash	#	
Dollar	\$	
Percentage	%	
Caret	^	
Ampersand	&	
Asterix	*	
Opening/closing braces	{ }	
Opening/closing parentheses	( )	
Opening/closing brackets	[]	
Front/back slash	/ \	
Question mark	?	
Lesser than/Greater than	< >	
Equal to	=	
Single quote	í	
Double quotes	ű	
Plus	+	
Pipe	Ι	
Colon	:	
Semi-colon		
Comma	3	
Underscore	_	

These special characters include:

NOTE:

The user should not use the double quotes (") in the description field of any session.

#### **Discrete and process**

- A record will exist for all manufactured items(Standard and Process) in the Maintain Routing codes by Item (tirou1102m000) and Maintain Routing codes by Formula (psrou1102m000) sessions.
- The net quantity for items used in BOMs (Standard, Customized, Process) should be greater than zero.
- Cost items will not be transferred to BaanSync.
- In case the BOM unit of measurement is different from the Inventory unit of measurement, the BOM quantity is converted to the Inventory unit of measurement using the conversion factor defined in BAAN.
- The user should use the field Transfer Lot Size to indicate operation overlaps instead of using the Overlap % field.
- A routing with at least one operation will have to be created for Phantom Manufactured items.
- Whenever a Production Order is completed in BAAN, the same will be deleted from BaanSync Scheduler.

#### Discrete

When a generic routing is copied to customized routing, the user will have to maintain the Operation relationships.

#### Process

- In case Formulas in Process are deleted, the Routings should be deleted before deleting the Formula.
- An item can only be assigned once to an operation as either consumption or production.
- The item defined in IRP and the Item Master should be the same.

#### Constraints

- Lot selection functionality is not supported.
- QMS integration is not supported.

# How the interface works

The objective of the interface is to use ASCII files to transfer data from BAAN to BaanSync Scheduler and vice-versa. The transfer of data will always be performed in batch mode.

## Export – BAAN to BaanSync Scheduler

This section explains the mechanism of exporting data from BAAN to BaanSync Scheduler.



The following data shown in the diagram above is transferred to BaanSync Scheduler:

- Day to day transactions
- Common data

#### Day to day transactions

All transactions entered in the system since the installation of the interface will be recorded in an intermediate location. To reduce the processing time, the transactions will be transferred from this location when the Export program is run.

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#### Common

Common data transfer involves the transfer of existing BAAN data, for example, Employees, Machines, Items and so on. This option should be used in case the interface is installed over an existing BAAN application. The common data is retrieved by the Export program directly from the BAAN tables rather than the Intermediate location.

For details of how the individual sessions function, refer to the corresponding session in chapter 5 List of Sessions.

#### Import – BaanSync Scheduler to BAAN

This section explains the mechanism of importing data from BaanSync Scheduler to BAAN.



The diagram above illustrates the way in which the data is imported from BaanSync Scheduler to BAAN. The Master data imported from BaanSync Scheduler consists of the Qualified teams, Tools, Setups and the Resources by Qualified team. The Scheduled order data consists of the MPS/MRP/PRP/SFC/PMG orders and the Purchase recommendations.

The BaanSync Scheduler Master data and the Scheduled order data are first generated by the Generate data from BaanSync Scheduler (tibcl1284m000) session. This data is stored in ASCII files created in the directory specified in the Maintain Path for Dumps (tibcl0190m000) session.

The ASCII files created above are picked up by the Import Data from BaanSync Scheduler (tibcl0285m000) session to update the BAAN tables. This session uses the Exchange utility to insert the data into BAAN.

Errors encountered by the Exchange and the import data session are recorded in the log file created in the path specified in the Maintain Exchange Schemes (tuxch0101m000) session.

# Procedure data flow

This chapter explains the procedure or sequence the user should use while entering and transferring data from BAAN to BaanSync Scheduler and viceversa.



The step above is necessary when the Interface is installed over an existing implemented BAAN system.

The above data should be transferred using the common data option in the Export Data (tibcl0295m000) session.



As shown in the diagram above, the Calendars should be entered in BaanSync Scheduler and attached to each Resource, such as Employee or Machine. The Setup Classes, Setups, Tools, Resource Models and Relation resource and resource models should be defined in BaanSync Scheduler.

The Qualified teams should be defined in BaanSync Scheduler, and the appropriate resources should be attached to the Qualified teams.

The data entered above should be transferred to BAAN using the Import Data (tibcl0185m000) session.

The above mentioned data can only be viewed in BAAN and not Maintained.

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If tasks and operations already exist, the Qualified teams imported from BaanSync Scheduler should be attached to the Baan Tasks and Operations. If new tasks are created the Qualified teams should only be attached to that task. When these tasks are used in the routing to define operations, the Qualified teams will be copied automatically.

You must attach Qualified teams to an Operation, otherwise the data cannot be loaded into BaanSync Scheduler.

For each routing in BAAN, you must maintain the Operation Relationships by using the Maintain Operation Relationships (tibcl0189m000) and Maintain Operation Relationships by Order (tibcl0192m000) sessions. These sessions enable the user to maintain the operations sequence in a routing. By using these sessions, the user can define convergent and divergent routings in the discrete manufacturing setup and the predecessor/successor relationships in BaanSync Scheduler.



# **Transaction data**

#### **Production Orders**

All planned MRP/MPS/PRP production orders along with the MRP/MPS production batches with status Planned, Firm Planned and Confirmed will be transferred as Manufacturing Orders to BaanSync Scheduler. The SFC production orders and the PMG production batches will also be transferred to BaanSync Scheduler.

All production orders will be transferred for a given time fence which can be defined in the Maintain BCL Parameters (tibcl0100m000) session. The time fence period should be specified by number of days.

#### **Purchase Orders**

The planned MRP/PRP/MPS purchase orders generated by the system will not be transferred to BaanSync Scheduler.

The planned purchase receipts will be transferred as actual purchase orders to BaanSync Scheduler.

#### **Stock Levels**

The latest stock levels will be transferred to BaanSync Scheduler everytime a stock transaction takes place in BAAN.

#### **Production Feedback**

The production feedback will be transferred to BaanSync Scheduler as soon as the user enters some information (quantity produced/rejected) in the system. While providing feedback the user can modify the resource with which the operation was completed.

The production feedback will be transferred to BaanSync Scheduler on the basis of the work teams sent back from BaanSync Scheduler after scheduling.



The Planned orders sent from BAAN will be scheduled in BaanSync Scheduler. The data mentioned above will be transferred from BaanSync Scheduler to BAAN and updated in the respective tables. The Purchase recommendations will be updated in the Planned MPS/MRP/PRP purchase order tables.

# List of sessions

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This chapter lists the sessions that have been modified to accept the data required by BaanSync Scheduler. Sessions that need enumeration are also discussed in this chapter.

The sessions listed in this section are organized on the basis of functionality:

- Common
- Interface (BCL) sessions
- Routings
- Production Orders/Batches
- Production Order/Batch Planning

# Common

## Maintain Employees (tccom0101m000)

#### Session objective

To maintain Employees (BaanSync Scheduler Data).

#### How to use the session

This forms allows the user to maintain BaanSync Scheduler Data.

For individual field help, refer to the on-screen Help.

tccom0101m000 : Main File Edit Group Options	
Form 1	Form 2 Baan Sync. Data
Employee	10
Experience Time	5 Day •
Time Losses Weight Transfer Status	2.00 Modified
Hansion oracide	Mullica
Text	No

# Maintain Machines (tirou0102m000)

#### Session objective

To maintain Machines (BaanSync Scheduler Data).

#### How to use the session

This form allows the user to maintain BaanSync Scheduler Data.

For individual field help, refer to the on-screen Help.

🔤 tirou0102m000 : Maintain Machines [5	55] _ 🗆 🗙
<u>File Edit Group Options Order Tools 2</u>	ipecial <u>H</u> elp
Form 1 Baan Sync. Data	
Machine	1
Machine Utilisation	0 Day -
Dynamic Buffer	0 Day -
Setup Weight	0.00
Gradation Weight	0.00
Time losses weight	0.00
Batching Max.	0
Batching Min.	0
Transfer Status	
Text	No

# Interface (BCL) sessions

## Maintain BCL Parameters (tibcl0100m000)

#### **Session objective**

To maintain BCL Parameters.

#### How to use the session

This session enables the user to maintain the parameters required to execute the various sessions in the Interface.

The data in this table should be created at the time the interface is implemented. A detailed description of the data to be entered in this table is explained in the document Post Installation Guide which is supplied as part of this interface.

#### The Package field should always contain the value BaanSync Scheduler.

For a detailed description of the other fields on the form, refer to each field's individual Help.

🔤 tibcl0100m000 : Maintain BCL Param	neters [555]	- 🗆 ×
<u>File Edit Group Options Order Tools</u>	<u>Special</u> <u>H</u> elp	
		?
Package	MOODI	
Discrete Plan Period in days	12	
Process Plan Period in days	12	

# Maintain Setup States by Operation (tibcl0156m000)

#### **Session objective**

To maintain Setup states for an Operation.

#### How to use the session

This session enables the user to maintain the Setup states for an Operation.

This session is common for all types of Routing such as Standard, Customized and Process. The field Item Type indicates whether the operation is Standard, Customized or Process.

There can be only one setup state for a given class.

The Setup states defined here will be copied automatically when a production order is created. This process applies to both SFC and PMG orders. For a detailed description of the other fields on the form, refer to each field's individual Help.

🔤 tibcl0156m000 : Maintain S	etup States by Op	peration [019]			_ 🗆 ×
<u>File Edit Group Options Orde</u>	r <u>I</u> ools <u>S</u> pecial	<u>H</u> elp			
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Routing	0	chips			
Operation	50 / 1				
Setup State	Class				
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				[	

# Maintain Setup States by Production Planning (tibcl0183m000)

#### Session objective

To maintain Setup states for an Operation in a Production Order/Batch.

#### How to use the session

This session enables the user to maintain the Setup states for an Operation.

In addition, this session is common for both Production Orders SFC and Production Batches PMG.

The field Item Type identifies whether the operation is Standard, Customized or Process.

There can be only one setup state for a given class.

The Setup states defined here are copied automatically from the Maintain Setup states by Operation (tibcl0156m000) session whenever a production order is created. This process applies to both SFC and PMG orders.

The setup data defined here can be maintained only by zooming through the Maintain Estimated Batch Planning (pspmg2100m000) and Maintain Production Planning (tisfc1101m000) sessions.

🚾 tibcl0183s000 : Maintain Setup	States by Pro	oduction l	Planning [019]		_ 🗆 ×
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Production Order	100001				
Operation	10				Cancel
Project					
Routing	0		Routing		
Item		MMM	Anoniem maakdeeltje		
Item Type	Standard				
Setup State	Class				
				<u> </u>	
				last	

For a detailed description of the other fields on the form, refer to each field's individual Help.

## Maintain Qualified Teams by Task (tibcl0174m000)

#### Session objective

To maintain Qualified teams for a Task.

#### How to use the session

This session enables the user to maintain the Qualified teams for a Task.

The Qualified teams defined for a Task in this session are copied automatically when an Operation is created in a Routing. This process applies to Standard, Customized and Process routings.

The Qualified teams for a Task can also be maintained by using the <Ctrl> [G] option in the Maintain Tasks (tirou0103m000) session.



For a detailed description of the other fields on the form, refer to each field's individual Help.

The fields Prod.Rate Qty, Prod.Rate Dur. and Time Unit can be entered only if the Operation type in the Task is Standard or Synchronised Batching. The fields Fixed Dur. and Time Unit can be entered only if the Operation type in the Task is Fixed Duration.

NOTE: The user must maintain the Qualified teams for a task. Also, the user cannot insert the operation data into BaanSync Scheduler if the Qualified team is not attached to a Task.

## Maintain Qualified Teams by Operation (tibcl0175m000)

#### Session objective

To maintain Qualified teams for an Operation.

#### How to use the session

This session enables the user to maintain the Qualified teams for an Operation.

The Qualified teams for an Operation are copied from the Maintain Qualified teams by Task (tibcl0174m000) session when an Operation is created using a task.

This process applies to Standard, Customized and Process routings.

The Qualified teams can also be maintained by using the <Ctrl> [G] option in the Maintain Routing (tirou2110m000), Maintain Customized Routing (tipcs2170m000) and Maintain Routing Operations (psrou2110m000) sessions.

For a detailed description of the form's other fields, refer to each field's individual Help.

The fields Prod.Rate Qty, Prod.Rate Dur. and Time Unit can be entered only if the Operation type in the Operation is Standard or Synchronised Batching. The fields Fixed Dur. and Time Unit can be entered only if the Operation type in the Operation is Fixed Duration.

**NOTE:** The user must maintain the Qualified teams for an Operation. Also, the user cannot insert the operation data into BaanSync Scheduler if the Qualified team is not attached to an Operation.

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<u>File Edit Group Option</u>	s Or <u>d</u> er <u>T</u> ools <u>S</u> p	ecial <u>H</u> elp	· · · · · · · · · · · · · · · · · · ·		20 2
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Project Item/Formula Item Item Type Container Routing Operation	Process	COMB Potato Chips	Chips		
Qualified Team	Prod, Prod. Rate Rate Qty Dur.	Time Fixe Unit Du		Setup Time Dur. Unit	ransfer tatus
Q-CUTTING			0 Þay •	15 Min	dded 🔺
'Mark' and 'Zoom' for Team	Details				zoom

# Maintain Qualified Teams by Production Planning (tibcl0176s000)

#### **Session objective**

To maintain Qualified teams for an Operation in a Production plan.

#### How to use the session

This session enables the user to maintain the Qualified teams for an Operation in a Production order/batch.

The Qualified teams for an Operation are copied from the Maintain Qualified teams by Operation (tibcl0175m000) session when a Production order/batch is created.

This process applies to both SFC orders and PMG batches.

The Qualified teams can also be maintained using the <Ctrl> [G] option in the Maintain Production Planning (tisfc1101m000) and Maintain Estimated Batch Planning (pspmg2110m000) sessions.

For a detailed description of the form's other fields, refer to each field's individual Help.

The fields Prod.Rate Qty, Prod.Rate Dur and Time Unit can be entered only if the Operation type in the Operation is Standard or Synchronised Batching. The fields Fixed Dur. and Time Unit can be entered only if the Operation type in the Operation is Fixed Duration.

NOTE:

The user must maintain the Qualified teams for an Operation. Also the user cannot insert the operation data into BaanSync Scheduler if the Qualified team is not attached to a Operation.

	tibcl0176s000 : Mainta	in Quali	fied Teams	by Produc	tion Planni	ing [999]						_ 🗆 ×
Eile	<u>Edit Group Options</u>	Order	<u>T</u> ools <u>S</u> pec	ial <u>H</u> elp								
E	] 🔒 🎒 🗠 🎛		₩ 1	<b>▲ ▶</b>		44   H	T I	<b>№?</b>				
	Production Order/Batch		1									
	Operation		10								Cano	el
	Project										-	
	Routing		990001		TEST MRP	PROD						
	Item		TE	ST-MRP-B	Test MRP	item mod	ified					
	Item Type		Standard									
	Qualified Team	Prod,	Prod.	Time	Fixed	Time	Setup	Time C	т	6		
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## Maintain Detailed Planning Production (tibcl0184m000)

#### Session objective

To maintain details of Machines per operation scheduled by BaanSync Scheduler.

#### How to use the session

This session enables the user to change the Machines scheduled by BaanSync Scheduler for an Operation. The user can modify the scheduled data sent by BaanSync Scheduler in case a different Machine has been used to perform an operation. This data is sent back to BaanSync Scheduler when the Production Feedback is entered.

For a detailed description of the other fields on the form, refer to each field's individual Help.

🚟 tibcl0184m000 : Maintain Deta	ailed Planning Production	[999]	_ 🗆 ×
<u>File E</u> dit <u>G</u> roup <u>O</u> ptions Order	<u>T</u> ools <u>Special</u> <u>H</u> elp		
Form 1 Form	2		
Order Number	SFC/MAN/000013		
Operation Number	20		
Team Team Status	Machine Duration	Duration	
		Unit	
14 Prd	MAC1 > 120	Hr.	<b>_</b>
			-
			F

## Maintain Detailed Planning Employees (tibcl0185m000)

#### Session objective

To maintain details of Employees per operation scheduled by BaanSync Scheduler.

#### How to use the session

This session enables the user to change the Employees scheduled by BaanSync Scheduler for an Operation. The user can modify the scheduled data sent by BaanSync Scheduler in case a different Employee has been used to perform an operation. This data is sent back to BaanSync Scheduler when the Production Feedback is entered.

For a detailed description of the other fields on the form, refer to each field's individual Help.

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Production Ord	er SFC/MAN/00000.	1						
Operation	10							
Team	20 Status I	Prd						
Employee	Employee Name		Start D	ate	/Time	End Date	/Time	
2	Praveen Chand		13-10	-1997	08:10	13-10-1997	7 10:10	<u> </u>
								-
1							[	

## Maintain Detailed Planning Tools (tibcl0186m000)

#### Session objective

To maintain details of Tool per work operation scheduled by BaanSync Scheduler.

#### How to use the session

This session enables the user to change the Tool scheduled by BaanSync Scheduler for an Operation. You can modify the scheduled data sent by BaanSync Scheduler in case a different Tool performed an operation. This data is sent back to BaanSync Scheduler when the Production Feedback is entered.

For a detailed description of the other fields on the form, refer to each field's individual Help.

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<u>File E</u> dit <u>G</u> roup	<u>Options</u> Order <u>T</u> ools		
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Order Number	SFC/MAN/000010		3
Operation	10		
Team	11 Status	Prd	
Tool	Tool Description	Start Date / Time End Date / Time	
TOOL1	TOOL	10-09-1999 08:54 11-09-1999 10:06	<u> </u>
TOOL2	Tool	10-09-1999 08:54 11-09-1999 10:06	
	_		
	_		•
1			

## Maintain Operation Relationships (tibcl0189m000)

#### Session objective

To maintain relationships between operations.

#### How to use the session

This session enables the user to maintain the relationship between various operations and is applicable to Standard and Customized routings. The existing routings and Production planning in BAAN offer only Sequential routings. With this session the user can define convergent and divergent routings in other words, parallel operations. This defined data will be reflected in BaanSync Scheduler. The operation relationships must be maintained by the user or will be generated by the system when a routing is created. The system generated relationships will be sequential.

The Operation relationships can also be maintained by zooming from the Maintain Routing tirou2110m000 and Maintain Customized Routing tipcs2170m000 sessions. To define the overlap percentage between operations, the user should enter an appropriate value in the field Transfer Lot Size.

For a detailed description of the other fields on the form, refer to each field's individual Help.

🚾 ti	bcl0189m000 : Ma	intain Ope	ration Relati	onship	s [999]					_ 🗆 ×
<u>F</u> ile	<u>E</u> dit <u>G</u> roup <u>O</u> ptio	ns Or <u>d</u> er	<u>T</u> ools <u>S</u> peci	al <u>H</u> elp		·				19
Ð	🖬 🍜 🖍 🚦		<u>#</u>	<b>∢                                     </b>		<b>M4   44   44</b>	<b>&gt;&gt;</b>	T N?		
	Project									
	Item	J	MRP-ITEM1	mrp	-item					Gen. Relations
	Routing	MRP		mpr	routin	a				
	Operation	Task	Description				Next Operat	ion		
	10	2	new task				20		<b>•</b>	
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								<i>6</i> .		

NOTE You must maintain the Operation relationships for a routing or operations in a Production order.

# Maintain Operation Relationships by Order (tibcl0192m000)

#### **Session objective**

To maintain relationships between operations in a Production Order.

#### How to use the session

This session enables the user to maintain the relationship between various operations in a Production order. This session is applicable to SFC Production orders. The existing routings and Production planning in BAAN offers only Sequential routings. With this session, the user can define convergent and divergent routings i.e. define parallel operations in his routing. The defined data will be reflected in BaanSync Scheduler. The operation relationships have to be maintained by the user or will be generated by the system when a routing is created. The system generated relationships will be sequential.

The Operation relationships can also be maintained by zooming from the Maintain Production Planning (tisfc1101m000) and Maintain Production Order (tisfc0101m000) sessions.

To define the overlap percentage between operations, the user should enter an appropriate value in the field *Transfer Lot Size*.

If a production order is created using an existing routing, the operation relationships are automatically copied from the routing to the production order.

For a detailed description of the other fields on the form, refer to each field's individual Help.

tibc	10192s000 : 1	Maintain Operation Re	lationships by Order [99	9]			- 🗆 ×
<u>File</u>	dit <u>G</u> roup <u>O</u>	ptions Or <u>d</u> er <u>T</u> ools <u>S</u> i	pecial <u>H</u> elp				
		1. B . C . M		44 44 >	• • • T •?		
P	rod. Order	1					
P	roject						Gen. Relations
lt	em	TEST-MRP-B	Test MRP item mod:	ified			4
R	louting	990001	TEST MRP PROD				
c	Dperation	Task Description 9900 Pre Assembl	Next Operation Y 20	Task 9901	Description Assembly	4	
						_	

The user must maintain the Operation relationships for a routing or operations in a Production order.

#### Maintain Path for Dumps (tibcl0190m000)

#### **Session objective**

To maintain the path for dumps.

#### How to use the session

This session enables you to maintain the directories in which the ASCII files for the Export and the Import will be created. You can also maintain the server addresses of the BAAN host system and the BaanSync Scheduler server. This maintenance enables the user to connect to different BaanSync Scheduler databases. There can be only one BaanSync Scheduler database for each company in BAAN.

You should also refer to the *Post Installation Guide* for more information regarding this session.

For a detailed description of the other fields on the form, refer to each field's individual Help.

🔤 tibcl0190m000 : Mair	tain Path For Dumps [555]		
File Edit Group Options	: Or <u>d</u> er <u>T</u> ools <u>S</u> pecial <u>H</u> elp		
Ð 🖬 🎒 🖻 👫	<b>ⓑ</b> ♣ ₩ K < > >		T N?
Environment	BSS		
BAAN IV Path	/tmp/comp555		
Baan Sync. Path	/tmp/comp555		
BAAN Host Name	chanakya		
SYNC Host Name	srv_ind_bomdev		
		add	alphanum

# Export Data (tibcl0295m000)

#### **Session objective**

To export data from BAAN to BaanSync Scheduler.

#### How to use the session

This session exports the data from BAAN into ASCII files.

tibcl0295m000 : Export Data [999]			_ 🗆 ×
<u>File Edit Group Options Order Tools Sp</u>	ecial <u>H</u> elp		
		T <b>N?</b>	
Planned Order Date Discrete Upto Planned Order Date Process Upto Transfer Common Data	28071997		Continue Cancel
Employees Machines Items Routings	No • No • No •		
Process previous transactions	No From To	08-07-1997	
Processing For			
		1.	Date DMY

The form above shows that the export data session has a number of parameters with which the user can selectively export data.

#### Discrete plan period

This period is the date up to which the Planned MRP/MPS/PRP production orders will be exported to BaanSync Scheduler for scheduling. The Discrete plan period is specified in the Maintain BCL Parameters (tibcl0100m000) session. The date up to which production orders must be transferred is calculated as the current date plus the number of days specified in the session *Maintain BCL Parameters*.

Once transferred, the Planned production orders cannot be transferred again.

If the user needs to re-transfer the data again, then the field trfs-Transfer status in the tables Planned MPS Production orders (timps520), Planned MRP Production orders (timrp020) and Planned PRP Production orders (tipcs510) should be set to Added using the session ttaad4100.

#### **Process Plan Period**

This period is the last date that the Planned MRP/MPS production batches can be exported to BaanSync Scheduler for scheduling. The Process plan period is specified in the Maintain BCL Parameters (tibcl0100m000) session. The last date that the production batches can be transferred is calculated as the current date plus the number of days specified in the Maintain BCL Parameters session.

Once transferred, the Planned production orders cannot be transferred again.

If the user needs to transfer the data again, then the field trfs-Transfer status in the table Planned MPS/MRP Production batches (timrp022) should be set to Added using the ttaad4100 session.

All the production orders/batches generated using the MPS/MRP/PRP generation sessions are transferred to BaanSync Scheduler when the Export Data (tibcl0295m000) session is run.

#### Transfer Common data Yes/No

This option enables the user to transfer already existing data to BaanSync Scheduler.This option is necessary when data has to be transferred from an existing BAAN application that uses the Interface. If this option is selected, then all the existing data will be transferred in a single transfer to BaanSync Scheduler. This might result in huge data files to be inserted into BaanSync Scheduler.

The Common data transfer has the following options to selectively transfer data.

#### Machines Yes/No

This option enables the user to transfer all the Machines from BAAN to BaanSync Scheduler.
#### **Employees Yes/No**

This option enables the user to transfer all the existing Employees from BAAN to BaanSync Scheduler.

#### **Items Yes/No**

This option enables the user to transfer all the existing Items from BAAN to BaanSync Scheduler, including Standard, Customized and Process items. The Units will be transferred along with the Items.

#### **Routings Yes/No**

This option enables the user to transfer all the existing routings from BAAN to BaanSync Scheduler, including Standard, Customized and Process routings. Before transferring the routings the user must ensure that the Qualified teams are attached to all the operations in the routings and that the Operation relationships are defined for all the routings.

The BOM will be attached to each BAAN specified operation in BaanSync Scheduler .

All quantities in the BOM will be expressed for 1 unit in BaanSync Scheduler for example, if a formula is defined for 5 kg in BAAN, the materials will be defined for manufacturing 5kg of that item. Then this formula is sent to BaanSync Scheduler, all the quantities in the formula will be divided by 5, so that the formula is represented for 1 kg in BaanSync Scheduler.

This procedure is applicable for Standard, Customized, and Process BOMs.

If the Unit of measure for an item in the BOM is different than the Inventory unit of measure, the BOM unit will be converted to the Inventory unit of measure, and the quantity will also be converted accordingly.

#### Process previous transactions Yes/No

As explained in chapter 2, all day-to-day transactions entered in the BAAN system are recorded in an intermediate location. After the interface has been implemented and the common data has been transferred to BaanSync Scheduler, the user only needs to run the export data session with the common data option as No.

The export data session transfers only those records for which a transaction has taken place in the system. This transfer is performed through the intermediate file, in which all day to day transactions are recorded. A typical export will pick up all unprocessed transactions from the intermediate file and transfer them to BaanSync Scheduler. This will reduce the time for processing the data.

After the transfer the records in this file are marked as processed. If the user needs to process these transactions again, the option Process previous transactions should be Yes.

The user will then have to specify the date from which the transactions are to be reprocessed. The export data session will pick up all transactions from the date specified to the current date and export the data to BaanSync Scheduler.

The following data will also be transferred to BaanSync Scheduler.

#### **Planned purchase receipt**

A planned purchase receipt is created when a planned purchase order is transferred to Purchase or a Manual Purchase order is created. All planned purchase receipts will be transferred to BaanSync Scheduler. All existing purchase orders will be deleted from BaanSync Scheduler before the planned receipts are inserted.

BaanSync Scheduler will not reschedule these Purchase orders but will generate recommendations for rescheduling that the user has to manually process.

### Stock levels

Whenever a stock transaction takes place for an item, the stock level will be transferred to BaanSync Scheduler. The Quantity on Hand will be updated for each transaction in BaanSync Scheduler. Thus, BaanSync Scheduler will know the exact quantity in stock after each transaction and will generate a transaction for each such stock updation.

#### **SFC Production Orders**

All production orders from the SFC module, whether created manually, generated from SIC, or transferred from MRP/MPS/PRP, will be transferred for the given time fence to BaanSync Scheduler.

#### **PMG Production Batches**

All production batches from the PMG module, whether created manually or transferred from MRP/MPS, will be transferred for a given time to BaanSync Scheduler.

There will be a different PMG order sent to BaanSync Scheduler for the main item, end items and the co-products. These orders will be identified by a running serial number appended to the main order.

For example, An item XYZ is packaged into end item containers XYZ-2lt and XYZ-5lt. During the process of producing the item XYZ, there is a co-product M coming out. If in Baan there is a production batch 705590 created for this item XYZ, then there would be 4 orders sent to BaanSync Scheduler:

PMG/MAN/705590/1 PMG/MAN/705590/2 PMG/MAN/705590/3 PMG/MAN/705590/4 for the main item XYZ for the end items XYZ-2lt and XYZ-5lt for the co-product M

#### **Production Feedback**

The production feedback is sent to BaanSync Scheduler when the user reports that an operation or a production order is complete. The production feedback is sent on the basis of the work order data received from BaanSync Scheduler after scheduling, but this production feedback can be exported only once to BaanSync Scheduler. This restriction exists because the user can report partial operations complete, and the system has to constantly keep track of the quantity completed.

The production orders sent to BaanSync Scheduler can be identified as follows.

	Production Orders	Purchase Orders
MPS Module	MPS/PRD/999999	
MRP Module	MRP/PRD/999999	
PRP Module	PRP/PRD/999999	
SFC Module	SFC/MAN/999999	
PMG Module	PMG/MAN/999999/999	
Planned Prod. Batches	MPS/PMG/999999 MRP/PMG/999999	
Planned purchase receipts		INV/RCT/999999
Planned purchase receipts by customized item		PCS/RCT/999999

Thus, the export data session will create the ASCII files to be inserted into BaanSync Scheduler.

# Insert Data into BaanSync Scheduler (tibcl1291m000)

# Session objective

To insert data from ASCII files into BaanSync Scheduler.

### How to use the session

This session will export the data from BAAN using ASCII files.

All the data files created by the session Export data will be inserted into BaanSync Scheduler.

At the end of the process, the system will prompt the user if any error files were created during insertion of data. The user should view the error files, take necessary action to correct the data, and reexport the data.

🔤 tibcl1291m000 : Insert Data Into Baan Synchronization [555]	_ 🗆 ×
<u>File Edit Group Options Order Tools Special H</u> elp	
	<b>№</b> ?
	Continue
	Cancel
Processing For	

# Schedule Orders in BaanSync Scheduler (tibcl0294m000)

# **Session objective**

To schedule the production orders/batches in BaanSync Scheduler.

### How to use the session

This session will schedule the production orders exported to BaanSync Scheduler.

🔤 tibcl0294m000 : Schedule Orders in Baan Synchronization [555] \_ 🗆 × <u>T</u>ools <u>S</u>pecial <u>H</u>elp  $\underline{F}ile \quad \underline{E}dit \quad \underline{G}roup$ <u>O</u>ptions Ð⊟⊜∽‱⊪⋼҄҄ѧӎҜ∢**>** א₩к T N? 44 • 19980319 00:00:00 Schedule Date Time Continue Yes 🔹 Global Delivery Yes 🔹 Leveling Complete Yes 🔹 Yes 🔹 Generate Purchase Recommendations Date YMD

For details of scheduling, refer to the session's field Help.

The user can also generate the purchase recommendations after the schedule.

# Generate data from BaanSync Scheduler (tibcl1284m000)

## Session objective

To generate the scheduled order data from BaanSync Scheduler.

### How to use the session

This session enables the user to generate the BaanSync Scheduler Master data and the Scheduled order data from BaanSync Scheduler. The user has the option to transfer the Master data, the Scheduled order data, or both.

www.tibcl1284m000 : Generate Data from Baan Sync	hronization [555]			×
<u>File Edit Group Options Order Tools Special H</u> e	þ			
		► ► T ►?		
Generate Master Data	Yes 🔻		Continue	
Generate Scheduled Order Data	Yes		Continue	
Processing For				
			enum	

The Master data consists of the following:

- Setups by Class
- Tools
- Resource Models
- Relations resource and resource models
- Qualified teams
- Resources by Qualified teams

The scheduled order data consists of the following:

- Scheduled Production orders/batches
- Scheduled work teams(Employees, Tools)
- Purchase Recommendations

This data is created in ASCII files specified in the Maintain Path for dumps (tibcl0190m000) and Maintain Exchange Schemes (tuxch0101m000) sessions.

The existing ASCII files are overwritten by the new ASCII files every time the data is generated.

# Import data from BaanSync Scheduler (tibcl0285m000)

### Session objective

To insert data from ASCII files into BAAN.

### How to use the session

This session enables the user to insert data into BAAN that was generated in BaanSync Scheduler.

🔤 tibcl0285m000 : Import Data from Ba	an Synchronization [555]	
<u>File Edit Group Options Order Tools</u>	<u>S</u> pecial <u>H</u> elp	
		IN?
Import Master Data Import Scheduled Order Data	Yes v Yes v	Continue Cancel
		enum

If the user selects the Master data option, the following data will be imported into BAAN. This data can only be viewed by the user in BAAN.

- Tools
- Tool Models
- Employee Models
- Machine Models
- Relation Tool/Model
- Relation Employee/Model
- Relation Machine/Model
- Setup states by Class
- Qualified teams
- Tools by Qualified team
- Employees by Qualified team
- Machines by Qualified team

If the user selects the Scheduled order data option, the following data will be imported into BAAN.

- Planned MPS/MRP/PRP production orders
- SFC production orders
- Planned MPS/MRP production batches
- PMG production batches
- Purchase recommendations

### Planned MPS/MRP/PRP production orders

The planned MPS/MRP/PRP production orders are imported from BaanSync Scheduler and updated in the respective BAAN tables. If the MRP orders were generated, the Planned start and end dates are updated. If the MRP orders were manually entered, the Fixed start and end dates are updated.

#### **SFC Production orders**

The SFC production order will be updated with the start date of the earliest operation and the end date of the latest operation in the order. The original production start date and end date will be moved to the Original production start and end date and time fields. Each operation in the production planning will be updated with the appropriate start and end dates received from BaanSync Scheduler.

#### Planned MPS/MRP production batches

The planned MPS/MRP production batches are imported from BaanSync Scheduler and updated in the respective BAAN tables. If MRP/MPS batches were generated, the Planned start and end dates are updated. If the MRP/MPS batches were manually entered, the Fixed start and end dates are updated.

#### **PMG Production batches**

The PMG production batch will be updated using the start date of the earliest operation among all the split orders and the end date of the latest operation among all the split orders. The original production start date and end date will be moved to the Original production start and end date and time fields. Each operation in the production planning will be updated with the appropriate start and end dates received from BaanSync Scheduler.

### **Purchase recommendations**

The purchase recommendations are generated in BaanSync Scheduler for the scheduled production orders. These purchase recommendations are transferred to BAAN and updated in the Planned MPS/MRP/PRP purchase order tables. Before the purchase recommendations are updated in the BAAN tables, the existing planned purchase orders are deleted.

### **Detailed Planning Machines/Employees/Tools**

This data consists of the MO Step number created in BaanSync Scheduler for each Manufacturing order. The work teams and the Machines/Employees/Tools assigned to each MO Step is updated in these tables. The MO Step number is used to send the Production feedback to BaanSync Scheduler when the user reports that an operation or an order is complete.

The error files created in this session will be stored in the log files specified in the Maintain Exchange Schemes (tuxch0101m000) session.

# Routings

# Maintain Tasks (tirou0103m000)

# **Session objective**

To Maintain Tasks(BaanSync Scheduler Data).

### How to use the session

This session enables the user to maintain the tasks data required by BaanSync Scheduler.

🔤 tirou0103m000 : Maintain Tasks	[555] _ 🗆 🗵 🗵
<u>File Edit Group Options Order To</u>	ools <u>S</u> pecial <u>H</u> elp
Form 1 Baan Sync. D	Date Baan Sync. Data
Task	401 new welding
Operation Type	Standard 🗸
Save Setup Time	Yes 🔻
Delayed by	No Delay 🔹
Fixed Duration	0 Day -
Standard Rate Qty	0
Standard Rate Duration	0 Day -
Cycle Type Rate	
Lot Size	1
Minimum Lot Size	1
Transfer Lot Qty	
Transfer Delay	0 Day -
<pre><ctrl><shift>[G]: Maintain Qualified Teams</shift></ctrl></pre>	s by Task

For a detailed description of each field refer to each field's individual Help.

The Production rate defined in Form 1 is copied to the field Standard Rate Qty in Form 2 (BaanSync Scheduler Data), and the Standard Rate Duration (BaanSync Scheduler Data) is set to 1 Hr.

tirou0103m000 : Maintain Tasks [555] File Edit Group Options Order Tools S	
Form 1 Baan Sync. Data	
Task	401 new welding
Perish. Within Oper. Perish. Between Oper.	0 Pay • 0 Pay •
Reject Multiplier Constant Reject	1.00 0.00
<pre><ctrl><shift>[G]: Maintain Qualified Teams by Ta</shift></ctrl></pre>	ask

The Standard rate quantity and duration will be accepted if the operation type is standard or synchronised batching. The Fixed duration will be accepted if the operation type is Fixed.

The user should attach a Qualified team to a task. The Qualified teams will automatically be copied if a routing is created using the Task.

# Maintain Routing (tirou2110m000)

## **Session objective**

To Maintain Routing (BaanSync Scheduler Data).

How to use the session

This session enables the user to maintain the data required by BaanSync Scheduler for the Routing.

For a detailed description of each field refer to the field help.

nan tirou	2110m000 :	Maintai	n Routing (55	5]							_ 🗆 ×
<u>F</u> ile <u>E</u> d	lit <u>G</u> roup <u>C</u>	ptions (	Dr <u>d</u> er <u>I</u> ools <u>S</u>	<u>Special H</u> elp							
	n 🕘 n	.E. @					T <b>№</b> ?				
+ $+$	Form 1	1	Form 2	Baan Sync. Data	Baan Sync. Data	Baan Syr	ic. Data				
Ma	Manufactured Item 1										
Ro	uting		02	Stands	ard routing el	ements					
Op	eration	Task	Operation	Save	Delayed	Fixed	Time	Std.	Std.	Time	
			Туре	Setup	by	Duration	Unit	Rate	Rate	Unit	
				Time		Time		Qty.	Time		
	0 / 1	5002 6001 2003 99	Standard Standard Standard Standard	•         Yes         •           •         Yes         •	No Delay V No Delay V No Delay V No Delay V		Day • Day •		0	Day • Day • Day • Day •	•
Ma	n Occupation			Extra Information							
Ma	ch. Occupatio	on		Subc. Rate Factor							
Op	r. Overlap	[%]		Backflushing							
				Count Point							
			1 -				1				
	⇒aa≈ Menu b	rowser [Us	ser:aji 🖭 Se	ent Items - Microsoft C	) 🗊 Microsoft W	'ord	nam tirou	2110ml	DOO : M		

The Standard rate quantity and duration will be accepted if the operation type is standard or synchronised batching. The Fixed duration will be accepted if the operation type is Fixed.

The BaanSync Scheduler Data displayed above will be copied by default from the Task.

The Qualified teams will be copied automatically from the Task, if defined.

The user must maintain the Qualified teams per operation.

The Setups will have to be attached to each Operation in the Routing, although this process is not mandatory.

The user must maintain the Operation Relationships.

A record must exist for each manufactured item in the Maintain Routing codes by Item (tirou1102m000) session.

Bearing	tirou2110m000 :	Maintai	n Routi	ng (555	5]						_ 🗆 ×
File	<u>E</u> dit <u>G</u> roup <u>O</u> p	otions ()	)rder <u>I</u>	ools <u>S</u>	pecial <u>H</u>	<u>l</u> elp					
Ð	n 🖶 🗧 🕞			<i>i</i> 4	•				T <b>№</b> ?		
4	Form 1	1	Form 2	1	Baan Sy	nc. Data 🛛	Baan Sync. D	ate   Baan S	ync. Data		
	Manufactured Iter	n				]			1		
	Routing		0	2		Standar	d routing	g elements			
	Operation	Task	Lot	Min.	Trans.	Transfe		Reject		· ·	
			Size	Lot	Lot	Delay	Unit	Multi.	Reject	Туре	
				Size	Qty.					Rate	
		5002	1	1	0		0 Day	• 1.00	0.00	No -	<b>_</b>
		6001					0 Day	• 1.00		No v	
	30 / 1	2003					0 Day	1.00	0.00	No -	
	40 / 1	99	1	1	0		0 Day	• 1.00	0.00	No ·	
											•
•											Þ
	Man Occupation				Extra Inf	ormation					
	Mach. Occupation	n				ate Factor					
	Opr. Overlap	[%]			Backflus	hing					
					Count Po	pint					
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# Maintain Customized Routing (tipcs2170m000)

## Session objective

To Maintain Customized Routing (BaanSync Scheduler Data).

#### How to use the session

This session enables the user to maintain the data required by BaanSync Scheduler for the Customized Routing.

naare tip	pcs2170m000 : Ma	aintain Customized	Routing [55	5]						_ 🗆 ×
<u>F</u> ile	<u>E</u> dit <u>G</u> roup <u>O</u> ptio	ns Or <u>d</u> er <u>T</u> ools <u>i</u>	<u>Special H</u> elp							
Ð	🖬 🖨 🕒 🖥		<b>I</b>	<b>H</b>	<b>4   }  </b>		?			
4	Form 1	Form 2	Baan Sync. D	ata Baan Sync.	Data Baar	n Sync. Data	1			
	Project	4	J. Ki	sch & Zn. B.V		Active				
	Manuf. Item		****	**********	*******	*	0			
	Opr Task	Operation	Save	Delayed	Fixed	Time	Std.	Std.	Time	
		Туре	Setup	by	Duration	Unit	Rate	Rate	Unit	
			Time		Time		Qty.	Time		
<b>ا</b>										
	-									
	Man Occupation		Extra Inform							
	Mach. Occupation Opr. Overlap	[%]	Subc. Rate Backflushin							
	opi, overlap	[/0]	Count Point	J						
			Count fork							
									zoom	

For a detailed description of each field refer to the field help.

The Standard rate quantity and duration will be accepted if the operation type is standard or synchronised batching. The Fixed duration will be accepted if the operation type is Fixed.

The BaanSync Scheduler Data displayed above will be copied by default from the Task.

The Qualified teams will be copied automatically from the Task, if defined.

**NOTE:** The user must maintain the Qualified teams per operation.

The Setups will have to be attached to each Operation in the Routing. Not Mandatory.

NOTE:

The user must maintain the Operation Relationships.

nam tip	ocs2170m000 :	Maint	ain Cus	tomize	d Routin	g [555]					
<u>F</u> ile	<u>E</u> dit <u>G</u> roup <u>O</u>	ptions		<u>T</u> ools	<u>S</u> pecial	<u>H</u> elp					
Ð	<b>B S</b>		•• <b>.</b> 7	<i>#</i> 4	•				I <u>T</u> №?		
+	Form 1	1	Form	2	Baan S	ync. Data 🗎	Baan Sync. Da	Baan	Sync. Data 📔		
	Project		4		J	. Kisch &	Zn. B.V.		Active		
	Manuf. Item				*	*******	*******	******	0		
	Opr Tasl	k L	.ot M	4in.	Trans.	Transfer	Time	Reject	Constant	Cycle	
		9		.ot	Lot	Delay	Unit	Multi.	Reject	Туре	
			9	òize	Qty.					Rate	
			— r	_	_			<u> </u>			
			— ŀ	-				H			
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		- F	—ľ					ΈI			
											<b>_</b>
	1										<u> </u>
	Man Occupation				Euton	Information					
	Mach. Occupation					Rate Factor					
	Opr. Overlap	[%	1			lushing					
						Point					
											200M

File	pcs2170m000 : M Edit <u>G</u> roup <u>O</u> ptic														<u> </u>
Ð						1		•	••		Т	<b>\</b> ?			
4	Form 1	Form:	2	Baar	n Sync.	Data	Baan Sync	Data	Ba	ian Sy	nc. Da	ata			
	Project	4			J. K	isch (	a Zn. B.V	r.		A	ctiv	re			
	Manuf, Item				****	****	*******	****	****	**		0			
	Opr Task	Perish.	Time		Pe	rish.	Time		Tra	nsfer					
		Within	Unit			tween	Unit		Sta	tus					
		Oper.			Op	er.									
<u>•</u>														J	• •
	Man Occupation			Ext	tra Inforr	mation									
	Mach. Occupation			Su	bc. Rati	e Factor									
	Opr. Overlap	[%]			ckflushi	-									
				Co	unt Poir	ıt									
														zoom	

# Maintain Routing Operations (psrou2110m000)

# **Session objective**

To Maintain Process Routing (BaanSync Scheduler Data).

# How to use the session

This session enables the user to maintain the data required by BaanSync Scheduler for the Process Routing.

For a detailed description of each field refer to the field help.

www.psrou2110m000∶Maintain Routing Ope File Edit Group Options Order Tools Sp			 
		₩?	
Form 1 Baan Svnc.Data	Baan Sync.Data		c c
Formula Item	7UP Cola	Routing Unit	1.00 1
Container		Valid	Ио
Routing	Main routing for cola		Ś
Opr. Task			
op. rask			
10 / 1 22 Standard		0 Hr. • 1 1 Hr. • 1	
20 / 1 21 Standard		0 Hr. • 1 1 Hr. • 1	
30 / 1 23 Standard		0 Hr. • 1 1 Hr. • 1 0 Hr. • 1 1 Hr. • 1	
50 / 1 25 Standard	Yes     No Delay	0 Hr. • 1 1 Hr. • 1	
70 / 1 29 Standard		0 Hr. + 1 1 Hr. + 1	
Effective Date			
Expiry Date			
			zoom

The Standard rate quantity and duration will be accepted if the operation type is standard or synchronised batching. The Fixed duration will be accepted if the operation type is Fixed.

The BaanSync Scheduler Data displayed above will be copied by default from the Task.

The Qualified teams will be copied automatically from the Task, if defined.

The user must maintain the Qualified teams per operation.

The Setups will have to be attached to each Operation in the Routing. Not Mandatory.

The user must maintain the Operation Relationships.

psrou2110m0000 Maintain Routing Operations (555) Elle Edit Group Options Order Tools Special Help		
		Office
Form 1 Baan Sync.Data Baan Sync.Data	<b>.</b>	°
Formula Item 702 Cola Container	RoutingUnit 1.00 1 Valid No	
Routing MAIN Main routing for cola	Valid 20	
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20         /         1         21         0         pay         >         0         pay         >         1         0.00         pio         =           30         /         1         23         0         pay         >         0         pay         >         1         0.00         pio         =           40         /         1         24         0         pay         >         0         pay         1         0.00         pio         =           40         /         1         24         0         pay         >         0         pay         1         0.00         pio         =           40         /         1         25         0         pay         >         0         pay         ±         1.00         0.000         pio         =           50         /         1         25         0         pay         ±         0         pay         ±         1.00         0.000         pio         =	Active Active Active Active Active Active	
Effective Date		<u>&gt;</u>
		200M

# **Production Orders/Planning**

# Maintain Production Orders (tisfc0101m000)

# Session objective

To Maintain Production Orders (BaanSync Scheduler Data).

### How to use the session

This session enables the user to maintain the data required by BaanSync Scheduler for the Production orders. For a detailed description of each field refer to the field help.

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2		05106	Back-e	lement bl	001	10.00	00 pc 94-(
3		06101	Seat-e	lement re	001	10.000	00 pc 94-(
4		06103	Seat-e	lement bl	001	10.000	00 pc 94-(
5		06106	Seat-e	lement bl	001	10.000	00 pc 94-(
	Form	2 2	S	Baan Sync. Orde tatus tatus Date		To Do	100:00:00
Priority		No -		'lanning cheduled Start	Date	94-06-0	9 / 00:00
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Transfer Status			Ρ	lanned End Da	te		/ <u>00:00</u>
							zoom

After the scheduled orders are imported from BaanSync Scheduler, the Plan dates generated by BAAN are updated in the fields Original Start Date and End Date. When the SFC orders are sent again for scheduling, the Original Plan dates will be sent to BaanSync Scheduler. The Planned Start date will be updated with the earliest Operation start date and the Planned End date will be updated with the latest Operation end date.

# Maintain Production Planning (tisfc1101m000)

### **Session objective**

To Maintain Production Planning (BaanSync Scheduler Data).

### How to use the session

This session enables the user to maintain the data required by BaanSync Scheduler for the Production orders planning.

For a detailed description of each field refer to the field help.

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✓ Form 1	Form 2 Form 3 Baan Sync. Date	
Production Order	6 Completed	21.0000 pcs
Project		
Item	05100 Back-element (Eng	gineering)
Operation	* 10	
Task	4002 Foaming	
Scheduled Start Date Scheduled End Date Operation Type Delayed by Std Rate.Qty. / Time Transfer Lot Qty Transfer Delay Fixed Duration Time Perish. Within Oper. Perish. Between Oper. Transfer Status	94-05-27     16:04     Save Setup       94-05-27     17:45     Baan Sync. I       Standard     *     Status       No Delay     *     Lot Splitting       0     0     Pay     *       0     0     Pay     *       0     0     Pay     *       0     Pay     *     Minimum Lot       0     Pay     *     Cycle Type F       0     Pay     *	Drder To Do
	d Teams by Production Planning	zoom

The Standard rate quantity and duration will be accepted if the operation type is standard or synchronised batching. The Fixed duration will be accepted if the operation type is Fixed.

The BaanSync Scheduler Data is copied by default from the Routing. This data can be modified by the user.

The Qualified Teams are copied from the Routing by default for each operation.

NOTE: The user must define a Qualified Team for an Operation.

The Setups are copied by default for each Operation.

**NOTE:** The user must maintain the Operation Relationships.

# **Production Batch/Planning**

# Maintain Production Batches (pspmg0101m000)

### **Session objective**

To Maintain Production Batches (BaanSync Scheduler Data).

### How to use the session

This session enables the user to maintain the data required by BaanSync Scheduler for the Production batches. For a detailed description of each field refer to the field help.

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	808007		90010	But	ter				Released	1000.00	kg	97	
	808008		90010	But	ter				Planned	1000.00	kg	97	
	808012		COLA	Col	a				Planned	100.00	1	98	
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4	] 10001		Form 2	_		_	m 3		Baan Sync.	_ '			
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00:00 Added													
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After the scheduled orders are imported from BaanSync Scheduler, the Plan dates generated by BAAN are updated in the fields Original Start Date and End Date. When the SFC orders are sent again for scheduling, the Original Plan dates will be sent to BaanSync Scheduler.

The Planned Start date will be updated with the earliest Operation start date and the Planned End date will be updated with the latest Operation end date.

# Maintain Estimated Batch Planning (pspmg2100m000)

### Session objective

To Maintain Production Batches Planning (BaanSync Scheduler Data).

#### How to use the session

This session enables the user to maintain the data required by BaanSync Scheduler for the Production orders.

For a detailed description of each field refer to the field help.



The Standard rate quantity and duration will be accepted if the operation type is standard or synchronised batching. The Fixed duration will be accepted if the operation type is Fixed.

The BaanSync Scheduler Data is copied by default from the Routing. This data can be modified by the user.

The Qualified Teams are copied from the Routing by default for each operation.

Note: The user must define a Qualified Team for an Operation. The Setups are copied by default for each Operation.

Note: The user must maintain the Operation Relationships.