



7 Database module "Press"

The press area of the **V.I.P. statistic** database contains special tables which have been developed for production in the press area.

7.1 Long-term area: Tables

This area is filled by internal processes with information from the online tables.



External processes only have read access to the table.

Table name	Description
ST3ROTE_Edition	List of editions per "Edition Group" (Print Product)
ST3ROTE_Message	Rotary messages per production
ST3ROTE_MessageData	Gross copies, net copies and speed per message. Only for messages which were configured accordingly in the rotation reporting system.
ST3ROTE_MessageStandStill	Outage time category, outage time and waste at the time of reporting. Only for messages which were configured accordingly in the rotation reporting system.
ST3ROTE_PaperWebLead	Information on the paper webs of a production.
ST3ROTE_PartialWeb	Information on the partial webs of a production.
ST3ROTE_PrintingSpot	Printing spots (which printing towers and printing couples were used in this production)
ST3ROTE_PrintProduct	List of print products
ST3ROTE_PrintProductInfo	Page information per print product
ST3ROTE_Production	Rotary productions per product. All production runs with at least 10 gross copies are included.
ST3ROTE_ProductionInfo	Number and type of printing cylinders, plates and ink ducts used in this production.
ST3ROTE_Reel	Reel information per production
ST3ROTE_ResourceAllocation	Resource allocation for a production
ST3ROTE_UsedResource	List of resources used for each production.

Table 121: Module „Press“ long-term area „Tables“

7.1.1 ST3ROTE_Edition

A print product defines itself, among others, using an edition or edition group. The editions belonging to an edition group, where applicable, are listed in this table.



Column name	Data type	Description
PrintProductID	ST3T_ID	Internal print product ID. Reference to ST3ROTE_PrintProduct
EditionID	ST3T_ID	Edition ID (unique key within the product)
PublicationLabel	ST3T_Label	Publication label
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditionLabel	ST3T_Label	Edition name
EditionShortLabel	ST3T_ShortLabel	Edition short name
Circulation	ST3T_Quantity	Circulation for this edition
LastUpdate	ST3T_Datetime	Time of last change

Table 122: Table : Structure ST3ROTE_Edition

7.1.2 ST3ROTE_Message

Messages of the press per production run. Only messages from the table ST3 STAE_MessageFilter will be entered in this table.

Column name	Data type	Description
MessageID	ST3T_ID	Internal message ID (unique key)
ProductionID	ST3T_ID	Production ID. Reference to table ST3ROTE_Production
FolderNo	ST3T_Int	Folder number (numbering starting at 1, e.g. 1=FolderA top, 1000=FolderA down, 2=FolderB top, ...)
MessageCounter	ST3T_Int	Unique message counter per aggregate
SetDatetime	ST3T_Datetime	Time when message occurred
DelDatetime	ST3T_Datetime	Time when message deleted
MessageClassID	ST3T_ID	Reporting category ID. A list of the possible values can be found in Chapter ⇒ 3.6 .
MessageNumber	ST3T_Int	Message number
MessageText	ST3T_MessageText	Message text
MessageLocation	ST3T_Location	Message location
Remark	ST3T_Comment	Comment in V.I.P. statistic
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter ⇒ 3.3 .
CategoryID	ST3T_ID	Identification of the category to which the user has assigned a message. This reference is „zero“ if no user has assigned a category. Reference to table ST3STAE_MessageCategory.
LastUpdate	ST3T_Datetime	Date and time of the last modification of the data record
ReelID	ST3T_ID	Identification of the reel if the message refers to a paper reel, otherwise zero. Reel data is only available in systems in which the rotation reporting system also supplies this information. E.g., in systems with the Info system, which was implemented as a project from 1/1/2007. Reference to table ST3ROTE_Reel

Table 123: Structure of ST3ROTE_Message

7.1.3 ST3ROTE_MessageData

This table contains the selected messages for the values of the gross/net counters as well as the press rotation at the time the message occurs. This



information is only saved for messages for which the rotation reporting system provides the values.

Column name	Data type	Description
MessageID	ST3T_ID	Identification of the message. Reference to table ST3ROTE_Message
GrossCopies	ST3T_Quantity	Number of gross copies when this message occurred
NetCopies	ST3T_Quantity	Number of net copies when this message occurred
Speed	ST3T_Int	Speed of rotary machine (in revolutions/hour) when this message occurred

Table 124: Structure of ST3ROTE_MessageData

7.1.4 ST3ROTE_MessageStandStill

This table contains for selected messages the values of outage, duration and waste (from the time of the message occurrence to the end of the outage). This information is only saved for messages for which the rotation reporting system provides the values.

Column name	Data type	Description
MessageID	ST3T_ID	Identification of the message. Reference to table ST3ROTE_Message
StandStillClassID	ST3T_Quantity	Outage category. Standard categories are: 1 - Rotation 2 - Publishing 4 - Mailroom 5 - Other (When the EAE Info system is used, customer-specific categories are defined in the Info system during commissioning)
StandStillClass	ST3T_Text	Name of the outage
StandStillTime	ST3T_Int	Duration of the outage, in sec.
StandStillWaste	ST3T_Int	Waste caused by this outage, in copies

Table 125: Structure of ST3ROTE_MessageStandStill

7.1.5 ST3ROTE_PaperWebLead

This table contains the information for each paper web of a production.

Column name	Data type	Description
ProductionID	ST3T_ID	Production ID. Reference to table ST3ROTE_Production
PaperWebLeadNo	ST3T_Int	Relative web number (1,2,... n)
PrintingTower	ST3T_ResourceLabel	Name of the printing tower into which the paper web enters from the reelstand. (E.g. "DE11") The paper web might afterwards enter into a second printing tower which is not listed here. The further progress of the web can be found in the table ST3ROTE_PrintingSpot.
ReelStand	ST3T_ResourceLabel	Name of the reelstand

Table 126: Structure of ST3ROTE_PaperWebLead



Column name	Data type	Description
ColorPossibility	ST3T_ResourceLabel	colour possibility (e.g. 2/2-1 = bicolor front and rear, first possibility)
WebPosition	ST3T_ResourceLabel	Web width, e.g. 1110 for $\frac{3}{4}$ web positioned at left.
PaperGrammage	ST3T_Grammage	Paper grammage in the unit [1/100 g/m ²]Paper grammage, in the unit [1/100 g/m ²]
PaperManufacturer	ST3T_Text	Paper manufacturer, if planned in the rotation planning system
PaperSupplier	ST3T_Text	Paper supplier, if planned in the rotation planning system
PaperKindID	ST3T_ID	Paper type ID, if planned in the rotation planning system
PaperKindName	ST3T_Text	Paper type label, if planned in the rotation planning system
PaperColor	ST3T_Text	Colour of the paper, if planned in the rotation planning system
WebWidth	ST3T_Int	Reel width of an entire reel of the selected reel class in the unit [mm].
PartialWebRatio	ST3T_Int	Quotient (ratio). 4 if the width is measured in quarters, 8 if it is measured in eighth of the whole web
PartialWebCount	ST3T_Int	Number of part webs in quarters or eights (dependent on ratio: e.g. if ratio (attenuation) = 4 then for a $\frac{3}{4}$ web "1110" PartialWebCount =3)
RealWebWidth	ST3T_Int	Actual web width in the unit [mm].
OperatorSideGap	ST3T_Int	Distance of the web edge (seen from the operator side) in the unit [mm].

Table 126: Structure of ST3ROTE_PaperWebLead

7.1.6 ST3ROTE_PartialWeb

This table contains the information on each partial web which emerges from a paper web of a production. Each paper web has at least one partial web.

Column name	Data type	Description
ProductionID	ST3T_ID	Production ID. Reference to table ST3ROTE_Production
PaperWebLeadNo	ST3T_Int	Relative web number (1,2,... n). Reference to table ST3ROTE_PaperWebLead.
PartialWebNo	ST3T_Int	Relative web number of the partial web. The number of partial webs available depends on the number of printing fields on a printing cylinder and on the production possibilities in the superstructure. Typically, there is only one partial web for two fields (even though two partial webs are possible), a maximum of two partial webs for four fields, and up to three partial webs for six fields.
WebInlet	ST3T_ResourceLabel	Inlet label.
InletLevel	ST3T_ResourceLabel	Inlet level label
TurnerCode	ST3T_ResourceLabel	Turner label
OutletLevel	ST3T_ResourceLabel	Outlet level label
Former	ST3T_ResourceLabel	Former label

Table 127: Structure of ST3ROTE_PartialWeb



7.1.7 ST3ROTE_PrintingSpot

This table contains for each paper web the print locations through which the web passes on its route through the print towers.

Column name	Data type	Description
ProductionID	ST3T_ID	Production ID. Reference to table ST3ROTE_Production
PaperWebLeadNo	ST3T_Int	Relative web number (1,2,... n). Reference to table ST3ROTE_PaperWebLead.
WebSide	ST3T_Int	1=front side (recto side); 2=back side (perfecting side)
PrintingSpotIndex	ST3T_Int	Internal consecutive number of the print location
PrintingTower	ST3T_ResourceLabel	Name of the printing tower
PrintingCouple	ST3T_ResourceLabel	Name of the printing couple

Table 128: Structure of ST3ROTE_PrintingSpot

7.1.8 ST3ROTE_PrintProduct

List of the print product data

Column name	Data type	Description
PrintProductID	ST3T_ID	Internal print product ID (unique key)
PrintProductLabel	ST3T_Label	Name of the print product
PublicationLabel	ST3T_Label	Publication label
EditionGroupLabel	ST3T_Label	Name of edition or edition group
PartProductLabel	ST3T_Label	Partial product label
DateOfIssue	ST3T_Datetime	Date of issue in the rotation planning system. If this detail is missing, the issue date is calculated based on the proof copy. If no proof copy was produced it is calculated on the basis of the loading time. In both cases date + 1 day.
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditionGroupShortLabel	ST3T_ShortLabel	Edition or edition group short label
PartProductShortLabel	ST3T_ShortLabel	Partial product short label
BookStructure	ST3T_Label	Book structure (e.g. 16(4/4/4/4))
PageCount	ST3T_PageCount	Total page number of the print product: Broadsheet- + tabloid pages (panorama pages count as 2 broadsheet pages)
BroadsheetPages	ST3T_PageCount	Number of pages in broadsheet units
PlannedCirculation	ST3T_Quantity	Planned circulation [in copies] for the print product (in the rotation planning system).
PressPrintProductID	ST3T_ID	Print product ID in the rotation planning system
DispoProductID	ST3T_ID	Print product ID from VIP dispo which can be found in the list of products in the VDI area (option)
OrderNo	ST3T_Label	Order number
Remark	ST3T_Comment	Comment text in the rotation planning system
LastUpdate	ST3T_Datetime	Time of last change
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter ⇒ 3.3 .

Table 129: Structure of ST3ROTE_PrintProduct



Column name	Data type	Description
WorkflowState	ST3T_ProcessingCode	Identification of the workflow state. This describes whether the corresponding production is currently running, has been completed, etc. A list of the possible values can be found in Chapter ⇒ 3.24 .

Table 129: Structure of ST3ROTE_PrintProduct

7.1.9 ST3ROTE_PrintProductInfo

Detailed information concerning the colour possibilities of each page of the product.

Column name	Data type	Description
PrintProductID	ST3T_ID	Internal print product ID (unique key). Reference to table ST3ROTE_PrintProduct
OneColorMPages	ST3T_PageCount	1 coloured magazine page
TwoColorMPages	ST3T_PageCount	2 coloured magazine page
ThreeColorMPages	ST3T_PageCount	3 coloured magazine page
FourColorMPages	ST3T_PageCount	4 coloured magazine page
FiveColorMPages	ST3T_PageCount	5 coloured magazine page
SixColorMPages	ST3T_PageCount	6 coloured magazine page
OneColorTPages	ST3T_PageCount	1 coloured tabloid page
TwoColorTPages	ST3T_PageCount	2 coloured tabloid page
ThreeColorTPages	ST3T_PageCount	3 coloured tabloid page
FourColorTPages	ST3T_PageCount	4 coloured tabloid page
FiveColorTPages	ST3T_PageCount	5 coloured tabloid page
SixColorTPages	ST3T_PageCount	6 coloured tabloid page
OneColorBPages	ST3T_PageCount	Number of 1 colour broadsheet pages
TwoColorBPages	ST3T_PageCount	Number of 2 colour broadsheet pages
ThreeColorBPages	ST3T_PageCount	Number of 3 colour broadsheet pages
FourColorBPages	ST3T_PageCount	Number of 4 colour broadsheet pages
FiveColorBPages	ST3T_PageCount	Number of 5 colour broadsheet pages
SixColorBPages	ST3T_PageCount	Number of 6 colour broadsheet pages
OneColorPPages	ST3T_PageCount	1 coloured panorama pages
TwoColorPPages	ST3T_PageCount	2 coloured panorama pages
ThreeColorPPages	ST3T_PageCount	3 coloured panorama pages
FourColorPPages	ST3T_PageCount	4 coloured panorama pages
FiveColorPPages	ST3T_PageCount	5 coloured panorama pages
SixColorPPages	ST3T_PageCount	6 coloured panorama pages
NumberOfBooks	ST3T_Int	Number of books. The value is calculated from the book structure.
StitchedBooksPosition	ST3T_Label	This field lists the books which have been stitched, in the form of a text string composed of "0" and "1". The value is calculated from the book structure.
CyanMPages	ST3T_PageCount	Number of magazine pages with CYAN
MagentaMPages	ST3T_PageCount	Number of magazine pages with MAGENTA
YellowMPages	ST3T_PageCount	Number of magazine pages with YELLOW

Table 130: Structure of ST3ROTE_PrintProductInfo



Column name	Data type	Description
BlackMPages	ST3T_PageCount	Number of magazine pages with BLACK
Special1MPages	ST3T_PageCount	Number of magazine pages with special colour 1
Special2MPages	ST3T_PageCount	Number of magazine pages with special colour 2
Special3MPages	ST3T_PageCount	Number of magazine pages with special colour 3
Special4MPages	ST3T_PageCount	Number of magazine pages with special colour 4
CyanTPages	ST3T_PageCount	Number of tabloid pages with CYAN
MagentaTPages	ST3T_PageCount	Number of tabloid pages with MAGENTA
YellowTPages	ST3T_PageCount	Number of tabloid pages with YELLOW
BlackTPages	ST3T_PageCount	Number of tabloid pages with BLACK
Special1TPages	ST3T_PageCount	Number of tabloid pages with special colour 1
Special2TPages	ST3T_PageCount	Number of tabloid pages with special colour 2
Special3TPages	ST3T_PageCount	Number of tabloid pages with special colour 3
Special4TPages	ST3T_PageCount	Number of tabloid pages with special colour 4
CyanBPages	ST3T_PageCount	Number of broadsheet pages with CYAN
MagentaBPages	ST3T_PageCount	Number of broadsheet pages with MAGENTA
YellowBPages	ST3T_PageCount	Number of broadsheet pages with YELLOW
BlackBPages	ST3T_PageCount	Number of broadsheet pages with BLACK
Special1BPages	ST3T_PageCount	Number of broadsheet pages with special colour 1
Special2BPages	ST3T_PageCount	Number of broadsheet pages with special colour 2
Special3BPages	ST3T_PageCount	Number of broadsheet pages with special colour 3
Special4BPages	ST3T_PageCount	Number of broadsheet pages with special colour 4
CyanPPages	ST3T_PageCount	Number of panorama pages with CYAN
MagentaPPages	ST3T_PageCount	Number of panorama pages with MAGENTA
YellowPPages	ST3T_PageCount	Number of panorama pages with YELLOW
BlackPPages	ST3T_PageCount	Number of panorama pages with BLACK
Special1PPages	ST3T_PageCount	Number of panorama pages with special colour 1
Special2PPages	ST3T_PageCount	Number of panorama pages with special colour 2
Special3PPages	ST3T_PageCount	Number of panorama pages with special colour 3
Special4PPages	ST3T_PageCount	Number of panorama pages with special colour 4

Table 130: Structure of ST3ROTE_PrintProductInfo

7.1.10 ST3ROTE_Production

Production runs per print product. All production runs with at least 10 gross copies are included.

Column name	Data type	Description
ProductionID	ST3T_ID	Internal production ID (unique key)
PrintProductID	ST3T_ID	Print product identification. Reference to table ST3ROTE_PrintProduct
FolderNo	ST3T_Int	Folder number (numbering starting at 1, e.g. 1=FolderA top, 1000=FolderA down, 2=FolderB top, ...)
PressName	ST3T_Resource-Label	Folder name (e.g. A, B, C...)
ProductionNumber	ST3T_ProdNo	Internal production number in the rotation planning system

Table 131: Structure of ST3ROTE_Production



Column name	Data type	Description
Overlap	ST3T_Int	Overlap in the unit [1/10 mm]. Prefold 1st cross fold. Only if an overlap is available will it be possible to reopen the newspaper during later processing for insertions. For the overlap, the page header is higher than the page footer, for the post-fold it is lower.
NumberOfCopies	ST3T_Int	Utilisation of production. A list of the possible values can be found in Chapter ⇒ 3.10 .
NumberOfCopiesFolder1	ST3T_Int	Utilisation of folder 1. A list of the possible values can be found in Chapter ⇒ 3.10 .
NumberOfCopiesFolder2	ST3T_Int	Utilisation of folder 2. A list of the possible values can be found in Chapter ⇒ 3.10 .
ProductionPossibility	ST3T_Description	Production possibility from the rotation system. The production possibility describes how the selected book structure is actually produced in the press using the required colour possibilities.
PlannedProductionStart	ST3T_Datetime	Planned production start. For an installation with EAE systems, this is the time when the production is loaded on the control console.
PlannedPrintingStart	ST3T_Datetime	Planned start of printing
PlannedPrintingEnd	ST3T_Datetime	Planned end of printing
PlannedProductionEnd	ST3T_Datetime	Planned production end. For an installation with EAE systems, this is the time when the production is quit on the control console.
ProductionDate	ST3T_Datetime	Production date. If this information is not supplied by the reporting system, the V.I.P. statistic determines the production date using the setting in table ST3STAE_InternConfiguration (standard: 6:00 a.m. to 6:00 a.m.) via the actual print start (PrintingStart) PrintingStart 23:00 --> ProductionDate=25.03. PrintingStart 26.03. 04:30 --> ProductionDate=25.03.!!!)
ProductionStart	ST3T_Datetime	Actual production start (loading time)
LastPlate	ST3T_Datetime	Time of last plate (available if the users triggered the MMC message on the control console. If not, V.I.P. statistic sets the as the start of printing as the default value)
PrintingStart	ST3T_Datetime	Actual print start (time of 1st proof copy)
FirstGoodCopy	ST3T_Datetime	First good copy (waste gate closed for the first time)
LastGoodCopy	ST3T_Datetime	Last good copy (time of the last value of the net counter)
PrintingEnd	ST3T_Datetime	Actual end of printing
ProductionEnd	ST3T_Datetime	Production end time (time when users in the control room pressed the "Production end" button)
RealPrintingTime	ST3T_Duration	Effective printing time in seconds. Sum of all times when the printing cylinders were in the "Printing on" state.
NetPerformance	ST3T_Int	Net output in the unit [copies/hour] NetPerformance = NetCopies/(PrintingEnd - PrintingStart)
MaxSpeed	ST3T_Speed	Maximum speed reached by the machine in the unit [rot/h].
MaxSpeedDuration	ST3T_Duration	Duration of max. speed (in seconds)
ReelChanges	ST3T_Int	Count of reel changes
UpdatePlates	ST3T_Int	Number of updated plates. Only present if the users in the control room have sent an MMC

Table 131: Structure of ST3ROTE_Production



Column name	Data type	Description
WebBreaks	ST3T_Int	Number of paper tears. If the Info reporting system is used, this information is only available from V1.9.
MachineStops	ST3T_Int	Number of machine stops between the start of printing and the last copy (if last copy information is not available, this is the number between the start of printing and end of printing).
MachineStopsDuration	ST3T_Duration	Duration of all machine stops between the start of printing and end of printing in [seconds].
PlannedCirculation	ST3T_Quantity	Target distribution circulation in the rotation planning system for this rotation run
PlannedAllowance	ST3T_Quantity	Target allowance of the print circulation in the rotation planning system
PlannedTotalCirculation	ST3T_Quantity	Last value of the print circulation in the control room (Start value: PlannedCirculation+ PlannedAllowance; this value changes if the users in the control room modify the circulation or allowance during printing.)
GrossCopies	ST3T_Quantity	Gross copies
NetCopies	ST3T_Quantity	Net copies
StartUpWaste	ST3T_Quantity	Startup waste until 1st good copy
CopyWeight	ST3T_Weight	Copy weight in the unit [1/100 g].
PaperManufacturerFirstWeb	ST3T_Label	Paper manufacturer for first web in the rotation planning system
PaperGrammageFirstWeb	ST3T_Grammage	Paper grammage of the first web in the unit [1/100 g/m ²] in the rotation planning system
SkipSlitterUsed	ST3T_Boolean	1 = Skip slitter was used only available if the machine control can generate these data
QuarterFoldUsed	ST3T_Boolean	1 = Quarter fold was used only available if the machine control can generate these data
PersonnelPrinter	ST3T_Float	Number of printers As planned planned in the rotation planning system
PersonnelHelper	ST3T_Float	Number of assistants As planned planned in the rotation planning system
ProductionIdentification	ST3T_Text	Production number in an old format for linking older systems to V.I.P. statistic
PerformanceDataFlag	ST3T_Int	Internal value This value is required by V.I.P. statistic to enable the capture of output data
OnlineProductionID	ST3T_ID	Identification of the production in the online area to ease searching for the related production data
PressProductionID	ST3T_ID	Production ID in the rotation planning system
DispoProductionID	ST3T_ID	ID of production in V.I.P. dispo , where available.
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
LastUpdate	ST3T_Datetime	Time of last change

Table 131: Structure of ST3ROTE_Production



Column name	Data type	Description
MasterProductionID	ST3T_ID	Optional, default value = ZERO The MasterProductionID indicates if the affected production is an unplanned production run for a planned production. If the planned production has already been produced, and one or more unplanned production runs still take place after that, these productions obtain the MasterProductionID, which can be used to find the original production for summing purposes using the link on your ProductionID.
Remark	ST3T_Comment	Comment in the rotation planning system
WorkflowState	ST3T_ProcessingCode	Identification of the workflow state. This describes whether the corresponding production is currently running, has been completed, etc. A list of the possible values can be found in Chapter ⇒ 3.24 .

Table 131: Structure of ST3ROTE_Production

7.1.11 ST3ROTE_ProductionInfo

This table contains information on the printing cylinders, plates and ink ducts used for a production.

Column name	Data type	Description
ProductionID	ST3T_ID	Internal production ID (unique key). Reference to table ST3ROTE_Production
BlackCylinders	ST3T_Int	Number of black cylinders
ColorCylinders	ST3T_Int	Number of colour cylinders
DummyCylinders	ST3T_Int	Number of dummy cylinders
InkFountainRemaining	ST3T_Int	Number of remaining ink ducts used with the same ink in previous production
InkFountainNew	ST3T_Int	Number of new ink ducts NOT used in previous production
InkFountainChanged	ST3T_Int	Number of changed ink ducts used with another ink in previous production
BlackBPlates	ST3T_Int	Number of black broadsheet plates
ColorBPlates	ST3T_Int	Number of colour broadsheet plates
BlackPPlates	ST3T_Int	Number of black panorama plates (panorama = double page spread)
ColorPPlates	ST3T_Int	Number of colour panorama plates (panorama = double page spread)
DummyBPlates	ST3T_Int	Count of dummy broadsheet plates
DummyBPlatesRemaining	ST3T_Int	Count of remaining dummy broadsheet plates they was used in previous production
DummyBPlatesNew	ST3T_Int	Count of new dummy broadsheet plates they was NOT used in previous production
BPlatesRemaining	ST3T_Int	Count of remaining broadsheet plates („common page“) they was used in previous production
BPlatesNew	ST3T_Int	Number of new broadsheet plates ("changing page“) NOT used in previous production
BPlatesChanged	ST3T_Int	Number of changed broadsheet plates ("common page“) used in previous production on another position

Table 132: Structure of ST3ROTE_ProductionInfo



Column name	Data type	Description
PPlatesRemaining	ST3T_Int	Count of remaining panorama plates („common page“) they was used in previous production
PPlatesNew	ST3T_Int	Number of new panorama plates („changing page“) NOT used in previous production
PPlatesChanged	ST3T_Int	Number of changed panorama plates ("common page“) used in previous production on an other position
LastUpdate	ST3T_Datetime	Time of last change
ChangeSize	ST3T_Label	If production data on a print product is available in the plate production area, the time required to change a product is entered here. A list of the possible values can be found in Chapter ⇒ 3.21 .

Table 132: Structure of ST3ROTE_ProductionInfo

7.1.12 ST3ROTE_Reel

This table contains information about reel use related to production. If the same reel is used in 2 productions, 2 records will be available in the table (using the same Ifra barcode).

For queries by reel rather than production use the View ST3ROTV_Reel.

Remark This table only contains data if the integration of reel data has been implemented in the system.

Column name	Data type	Description
ReelID	ST3T_ID	Internal identification of the reel (unique key)
ProductionID	ST3T_ID	Production ID. Reference to table ST3ROTE_Production
ReelCounter	ST3T_Int	Internal reel number (1, 2... n)
ReelStand	ST3T_ResourceLabel	Name of the reelstand
ReelStandArm	ST3T_Int	Arm of the reelstand (1, 2, 3)
IfraBarcode	ST3T_Barcode	Ifra barcode of the reel (16 digit number as defined by the Ifra)
PaperGrammage	ST3T_Grammage	Paper grammage in the unit [1/100 g/m ²]Paper grammage, in the unit [1/100 g/m ²]
PaperManufacturerCode	ST3T_Int	Code of the paper manufacturer, as defined in the Ifra barcode
PaperManufacturer	ST3T_Text	Paper manufacturer
PaperSupplier	ST3T_Text	Paper supplier
PaperKindID	ST3T_ID	Paper type ID (item number)
PaperKindName	ST3T_Text	Name of the paper kind
PaperColor	ST3T_Text	Paper colour
PaperThickness	ST3T_Int	Average thickness of the paper, calculated using the length and diameter, in the unit [nm].
ReelClass	ST3T_Int	Reel class, width of a whole reel, in mm
ReelWidth	ST3T_Int	Actual width of the reel, in the unit [mm]
ReelWidthPlates	ST3T_Int	Width of the reel in printing fields
StartDiameter	ST3T_Int	Start diameter of the reel, in the unit [mm]
EndDiameter	ST3T_Int	Final diameter of the reel, in the unit [mm]
UnwoundLength	ST3T_Int	Unwound length of the paper from this reel, in the unit [m]

Table 133: Structure of ST3ROTE_Reel



Column name	Data type	Description
Consumption	ST3T_Weight	Paper use from this reel, in the unit [kg]; Calculated on the basis of: $\text{ReelWidth} * \text{UnwoundLength} * \text{Grammage}$
DeliveryWeight	ST3T_Weight	Delivery weight of the reel as stated in the Ifra barcode, in the unit [kg]
GrossWeight	ST3T_Weight	Weight of the reel when loading
NetWeight1	ST3T_Weight	Weight of the reel (state 1). Will be defined by the delivering system.
NetWeight2	ST3T_Weight	Weight of the reel (state 2). Will be defined by the delivering system.
PreparationWasteThickness	ST3T_Int	Thickness of the preparation waste, in the unit [mm] (entered at the reelstand)
PreparationWasteWeight	ST3T_Weight	Weight of the preparation waste, in the unit [kg]
IntermediateWasteThickness	ST3T_Int	Total thickness of intermediate waste, in the unit [mm] e.g. after a web break
IntermediateWasteWeight	ST3T_Weight	Total weight of intermediate waste, in the unit [kg]
StartProducing	ST3T_Datetime	Time from which this reel was used in the production (first message from the reel).
EndProducing	ST3T_Datetime	Time when this reel was removed from the production (generally because it was unwound, last message from the reel).
GrossCopies	ST3T_Quantity	Number of gross copies while the reel was producing
CalculatedLength	ST3T_Int	Unwound paper length; calculated using gross copies, height of page, and number of copies; in the unit [m].
Remark	ST3T_Comment	Remark as given in the Reel Edit Tool
LastUpdate	ST3T_Datetime	Time of last change
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
PaperWebLeadNo	ST3T_Int	Relative web number (1,2,... n)
LogisticReelId	ST3T_Int	Identification of the reel in the logistic system

Table 133: Structure of ST3ROTE_Reel

7.1.13 ST3ROTE_ResourceAllocation

This table contains data of the allocated machines

Column name	Data type	Description
ProductionID	ST3T_ID	Production ID. Reference to table ST3ROTE_Production
ResourceLabel	ST3T_Label	Identifies the machine used
AllocStart	ST3T_Datetime	Timestamp when the machine allocation starts
AllocEnd	ST3T_Datetime	Timestamp when the machine allocation ends
ProducedCopies	ST3T_Int	Number of produced copies.

Table 134: Structure of ST3ROTE_ResourceAllocation



Column name	Data type	Description
Workload	ST3T_Int	Workload of the machine. The workload indicates how many parts of a resource are used in a production. Generally, the entire machine is involved. Most of the machines only have a maximum workload of "1". However, some machines, e.g. CtP image setters or large winding stations, have workloads of "2" or more and can simultaneously carry out several productions at once. The workload then indicates how many parts the machine uses as part of the production.

Table 134: Structure of ST3ROTE_ResourceAllocation

7.1.14 ST3ROTE_UsedResource

This table contains data of the allocated machines

Column name	Data type	Description
ProductionID	ST3T_ID	Production ID. Reference to table ST3ROTE_Production
ResourceLabel	ST3T_Label	Identifies the machine used
Counter	ST3T_Int	Production counter for machine
LastUpdate	ST3T_Datetime	Time of last change
Workload	ST3T_Int	Workload of the machine. The workload indicates how many parts of a resource are used in a production. Generally, the entire machine is involved. Most of the machines only have a maximum workload of "1". However, some machines, e.g. CtP image setters or large winding stations, have workloads of "2" or more and can simultaneously carry out several productions at once. The workload then indicates how many parts the machine uses as part of the production.

Table 135: Structure of ST3ROTE_UsedResource



7.2 Long-term area: Views

Table name	Description
ST3ROTV_Production	View for the summarised values of production runs
ST3ROTV_ProductionBase	View which links the production information with the assigned employee roles.
ST3ROTV_ProductionConsumption	View for production consumption
ST3ROTV_ProductionStandStill	View for production outages
ST3ROTV_ProductionWaste	View for waste types
ST3ROTV_Reel	View for reels

Table 136: Module „Press“ long-term area „Views“

7.2.1 ST3ROTV_Production

This View summarises production runs which belong to the same production. The values of unplanned production runs for a planned production are logically grouped here. The earliest and latest times are determined, actual counters are added, and target values are only considered once, etc.

Column name	Type	Description
PressProductionID	ST3T_ID	Identification of the planned production.
PrintProductID	ST3T_ID	Print product identification. Reference to table ST3ROTE_PrintProduct
ProductionNumber	ST3T_ProdNo	Internal production number in the rotation planning system
Overlap	ST3T_Int	Overlap of the last production run in the unit [1/10 mm]
NumberOfCopies	ST3T_Int	Utilisation of the last production run
NumberOfCopiesFolder1	ST3T_Int	Utilisation of the last production run for folder 1
NumberOfCopiesFolder2	ST3T_Int	Utilisation of the last production run for folder 2
ProductionPossibility	ST3T_Description	Production possibility of the last production run
PlannedProductionStart	ST3T_Datetime	Scheduled production start of the last production run
PlannedPrintingStart	ST3T_Datetime	Scheduled proof copy of the last production run
PlannedPrintingEnd	ST3T_Datetime	Scheduled print copy of the last production run
PlannedProductionEnd	ST3T_Datetime	Scheduled production end of the last production run
PlannedCirculation	ST3T_Quantity	Target distribution circulation of the last production run
PlannedAllowance	ST3T_Quantity	Target allowance for the circulation of the last production run
PlannedTotalCirculation	ST3T_Quantity	Last value for the circulation in the control room for the last production run
CopyWeight	ST3T_Weight	Copy weight of the last production run in the unit [1/100 g].
PaperManufacturerFirstWeb	ST3T_Label	Paper manufacturer of the first web for the last production run
PaperGrammageFirstWeb	ST3T_Grammage	Paper manufacturer of the first web for the last production run in the unit [1/100 g/m²].
SkipSlitterUsed	ST3T_Boolean	1 = Skip slitter was used only available if the machine control can generate these data

Table 137: Structure of the table ST3ROTV_InternProduktion



Column name	Type	Description
QuarterFoldUsed	ST3T_Boolean	1 = Quarter fold was used only available if the machine control can generate these data
ProductionIdentification	ST3T_Text	Production number of the last production run in an old format to link older systems Internal value: required by V.I.P. statistic to enable automatic collection of performance data.
PerformanceDataFlag	ST3T_Int	This value is required by V.I.P. statistic in order to capture output data.
DispoProductionID	ST3T_ID	ID of production in V.I.P. dispo , where available.
Remark	ST3T_Comment	Remark of the last production run
MinProductionDate	ST3T_Datetime	Earliest production date of the production runs
MinProductionStart	ST3T_Datetime	Earliest production start of the production runs
MinPrintingStart	ST3T_Datetime	Earliest proof copy of the production runs
MinFirstGoodCopy	ST3T_Datetime	Earliest good copy of the production runs
MaxLastPlate	ST3T_Datetime	Latest last plate of the production runs
MaxLastGoodCopy	ST3T_Datetime	Latest last good copy of the production runs
MaxPrintingEnd	ST3T_Datetime	Latest print copy of the production runs
MaxProductionEnd	ST3T_Datetime	Latest production end of the production runs
MaxNetPerformance	ST3T_Int	Maximum net output
MaxPersonnelPrinter	ST3T_Float	Maximum number of printers
MaxPersonnelHelper	ST3T_Float	Maximum number of assistants
MaxLastUpdate	ST3T_Datetime	Time of last change
SumReelChanges	ST3T_Int	Total number of reel changes
SumUpdatePlates	ST3T_Int	Total number of updated plates
SumWebBreaks	ST3T_Int	Total number of paper tears
SumMachineStops	ST3T_Int	Total number of machine stops
SumMachineStopsDuration	ST3T_Duration	Total duration of all machine stops
SumGrossCopies	ST3T_Quantity	Total gross copies
SumNetCopies	ST3T_Quantity	Total net copies
SumStartupWaste	ST3T_Quantity	Total startup waste until 1st good copy

Table 137: Structure of the table ST3ROTV_InternProduktion

7.2.2 ST3ROTV_ProductionBase

This view links the production information with the assigned employee roles. This basic version which can be adjusted to the demands of the respective equipment determines information on those responsible for production, group leaders and shift leaders.

Column name	Type	Description
ProductionID	ST3T_ID	Internal production ID (unique key).
PrintProductID	ST3T_ID	Printing product ID. Reference to table ST3ROTE_PrintProduct.
FolderNo	ST3T_Int	Folder number. Numbering starting at 1, e.g. 1=FolderA top, 1000=FolderA down, 2=FolderB top ...

Table 138: Structure of table ST3ROTV_ProductionBase



Column name	Type	Description
PressName	ST3T_ResourceLabel	Folder name.
ProductionNumber	ST3T_ProdNo	Internal production number in the rotation planning system
Overlap	ST3T_Int	Overlap in the unit [1/10 mm]. Prefold 1st cross fold. Only if an overlap is available will it be possible to reopen the newspaper during later processing for insertions. For the overlap, the page header is higher than the page footer, for the post-fold it is lower.
NumberOfCopies	ST3T_Int	Utilisation of production. A list of the possible values can be found in Chapter ⇒ 3.10 .
NumberOfCopiesFolder1	ST3T_Int	Utilisation of folder 1. A list of the possible values can be found in Chapter ⇒ 3.10 .
NumberOfCopiesFolder2	ST3T_Int	Utilisation of folder 2. A list of the possible values can be found in Chapter ⇒ 3.10 .
ProductionPossibility	ST3T_Description	Production possibility from the rotation system. The production possibility describes how the selected book structure is actually produced in the press using the required colour possibilities.
PlannedProductionStart	ST3T_Datetime	Planned production start. For an installation with EAE systems, this is the time when the production is loaded on the control console.
PlannedPrintingStart	ST3T_Datetime	Planned start of printing.
PlannedPrintingEnd	ST3T_Datetime	Planned end of printing.
PlannedProductionEnd	ST3T_Datetime	Planned production end. For an installation with EAE systems, this is the time when the production is quit on the control console.
ProductionDate	ST3T_Datetime	Production date. If this information is not supplied by the reporting system, V.I.P. statistic then determines the production date using the setting in the table ST3STAE_InternConfiguration (default: 6:00 a.m. to 6:00 a.m.) via the actual print start (PrintingStart) (e.g.: PrintingStart 25.03. 23:00 --> ProductionDate=25.03. PrintingStart 26.03. 04:30 --> ProductionDate=25.03.!!!)
ProductionStart	ST3T_Datetime	Actual production start (loading time).
LastPlate	ST3T_Datetime	Time of last plate (available if the users triggered the MMC message on the control console. If not, V.I.P. statistic sets the actual print start as the default value).
PrintingStart	ST3T_Datetime	Actual print start time (time of the first start of printing).
FirstGoodCopy	ST3T_Datetime	First good copy (waste gate closed for the first time).
LastGoodCopy	ST3T_Datetime	Last good copy (time of the last value of the net counter).
PrintingEnd	ST3T_Datetime	Actual end of printing.
RealPrintingTime	ST3T_Duration	Effective printing time in seconds. Sum of all times when the printing cylinders were in the "Printing on" state.
NetPerformance	ST3T_Int	Net performance in the unit [copies/hour] NetPerformance = NetCopies/(PrintingEnd - PrintingStart)
MaxSpeed	ST3T_Speed	Maximum speed reached by the machine in the unit [rot/h].
MaxSpeedDuration	ST3T_Duration	Duration of max. speed in the unit [seconds].
ReelChanges	ST3T_Int	Number of reel changes.
UpdatePlates	ST3T_Int	Number of updated plates. Only present if the users in the control room have sent an MMC.

Table 138: Structure of table ST3ROTV_ProductionBase



Column name	Type	Description
WebBreaks	ST3T_Int	Number of paper tears. If the Info reporting system is used, this information is only available from V1.9.
MachineStops	ST3T_Int	Number of machine stops between the start of printing and the last copy (if last copy information is not available, this is the number between the start of printing and end of printing).
MachineStopsDuration	ST3T_Duration	Duration of all machine stops between the start of printing and end of printing in the unit [seconds].
PlannedCirculation	ST3T_Quantity	Target distribution circulation From the rotation planning system for this rotation run.
PlannedAllowance	ST3T_Quantity	Target allowance for print circulation From the rotation planning system
PlannedTotalCirculation	ST3T_Quantity	Last value of target print circulation (start value: Planned Circulation+ Planned Allowance; this value changes if the users change the circulation or allowance at the control console during printing).
GrossCopies	ST3T_Quantity	Number of gross copies.
NetCopies	ST3T_Quantity	Number of net copies.
StartUpWaste	ST3T_Quantity	Startup waste until 1st good copy.
CopyWeight	ST3T_Weight	Copy weight in the unit [1/100 g].
PaperManufacturerFirstWeb	ST3T_Label	Paper manufacturer for first web. From the rotation planning system
PaperGrammageFirstWeb	ST3T_Grammage	Paper grammage of the first web in the unit [1/100 g/m ²]. From the rotation planning system
SkipSlitterUsed	ST3T_Boolean	1=Skip-slitter was used (only available if machine control delivers this data).
QuarterFoldUsed	ST3T_Boolean	1=Quarter fold was used (only available if machine control delivers this data)
PersonnelPrinter	ST3T_Float	Number of printers, as planned in the rotation planning system.
PersonnelHelper	ST3T_Float	Number of helpers, as planned in the rotation planning system.
ProductionIdentification	ST3T_Text	Production number in an old format for linking older systems to V.I.P. statistic
PerformanceDataFlag	ST3T_Int	Internal value. This value is required by V.I.P. statistic in order to capture output data.
OnlineProductionID	ST3T_ID	ID of this production in the online tables (to make finding the corresponding online production data easier).
PressProductionID	ST3T_ID	ID of this production, in the rotation planning system if available, otherwise zero.
DispoProductionID	ST3T_ID	ID of this production in V.I.P. dispo , if available, otherwise zero.
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
LastUpdate	ST3T_Datetime	Time of last change.

Table 138: Structure of table ST3ROTV_ProductionBase



Column name	Type	Description
MasterProductionID	ST3T_ID	Optional, default value = ZERO The MasterProductionID indicates if the affected production is an unplanned production run for a planned production. If the planned production has already been produced, and one or more unplanned production runs still take place after that, these productions obtain the MasterProductionID, which can be used to find the original production for summing purposes using the link on your ProductionID.
Remark	ST3T_Comment	Comment from V.I.P. statistic .
WorkflowState	ST3T_Comment	Identification of the workflow state. This describes whether the production is currently running, has been completed, etc. A list of the possible values can be found in Chapter ⇨ 3.24 .
Production Manager	ST3T_Label	Label for those responsible for production.
FirstNameGroupLeader	ST3T_Money	First name of group leader.
LastNameGroupLeader	ST3T_Money	Last name of group leader.
FirstNameShift	ST3T_Money	First name of shift leader.
LastNameShift	ST3T_Money	Last name of shift leader.

Table 138: Structure of table ST3ROTV_ProductionBase

7.2.3 ST3ROTV_ProductionConsumption

This view calculates the most frequent production consumption values

Column name	Type	Description
ProductionID	ST3T_ID	Identification of the production.
InkBlack	ST3T_Int	Ink consumption for black ink in the unit [0.1 kg].
InkCyan	ST3T_Int	Ink consumption for cyan ink in the unit [0.1 kg].
InkMagenta	ST3T_Int	Ink consumption for magenta ink in the unit [0.1 kg].
InkYellow	ST3T_Int	Ink consumption for yellow ink in the unit [0.1 kg].
DampeningWater	ST3T_Int	Fountain solution consumption in the unit [litre]

Table 139: Structure of the table ST3ROTV_ProductionConsumption

7.2.4 ST3ROTV_ProductionStandStill

This view determines the duration of the common standstills for the stand still classes that are configured in the rotation reporting system.

Column name	Type	Description
ProductionID	ST3T_ID	Identification of the production.
MachineSec	ST3T_Duration	Total duration of "rotation" stand still time in seconds
PublisherSec	ST3T_Duration	Total duration of "publishing" stand still time in seconds
MailroomSec	ST3T_Duration	Total duration of "mailroom" stand still time in seconds
OtherSec	ST3T_Duration	Total duration of "other" stand still time in seconds
ErrorSec	ST3T_Duration	Total duration of "production" stand still time in seconds
PlateChangeSec	ST3T_Duration	Total duration of "plate change" stand still time in seconds
TechnicalFailureSec	ST3T_Duration	Total duration of stand still time for technical errors in seconds

Table 140: Structure of the table ST3ROTV_ProductionStandStill



Column name	Type	Description
OperationalFailureSec	ST3T_Duration	Total duration of stand still time for operator errors in seconds
ProductionInterruptionSec	ST3T_Duration	Total duration of the stand still time in seconds

Table 140: Structure of the table ST3ROTV_ProductionStandStill

7.2.5 ST3ROTV_ProductionWaste

This view determines the number of waste types calculated by the machine.

Column name	Type	Description
ProductionID	ST3T_ID	Identification of the production.
StartUpWaste	ST3T_Quantity	First proof or startup waste
InitialWhitePaperWaste	ST3T_Quantity	White waste first proof copy
InitialStartUpWaste	ST3T_Quantity	Proof copy waste first proof copy
ContinuedWaste	ST3T_Quantity	Production run waste 1
ContinuedWhitePaperWaste	ST3T_Quantity	White waste restart proof
ContinuedStartUpWaste	ST3T_Quantity	Start-up waste restart proof
RunDownWaste	ST3T_Quantity	Run-out waste
ReelChangeWaste	ST3T_Quantity	Glue waste
MisalignedSheetWaste	ST3T_Quantity	Register alignment waste
WashingWaste	ST3T_Quantity	Washing waste
CheckCopyWaste	ST3T_Quantity	Sampling waste
ProofCopy	ST3T_Quantity	Proof copies
UndefinedWaste	ST3T_Quantity	Other waste
ManualCheckCopyWaste	ST3T_Quantity	Manual sampling waste
ManualProofCopy	ST3T_Quantity	Manual proof copy sampling
ManualUndefinedWaste	ST3T_Quantity	Manual other waste
TotalWaste	ST3T_Quantity	Total waste

Table 141: Structure of the table ST3ROTV_ProductionWaste

7.2.6 ST3ROTV_Reel

This view of table ST3ROTE_Reel groups the reel data of reels which are used in several productions. This is indicated by the fact that two or more productions have the same Ifra barcode. Reels with the same barcode are summarized to one reel.

Possible use: Calculation of the consumption over a time period.

Column name	Data type	Description
ReelID	ST3T_ID	Internal identification of the reel (here the smallest reel ID)
ProductionID	ST3T_ID	Production ID (here, the smallest ProductionID)
ReelStand	ST3T_ResourceLabel	Name of the reelstand
ReelStandArm	ST3T_Int	Reelstand arm (1, 2, 3)
IfraBarcode	ST3T_Barcode	Ifra barcode of the reel (16 digit number as defined by the Ifra)

Table 142: Structure of ST3ROTV_Reel



Column name	Data type	Description
PaperGrammage	ST3T_Grammage	Paper grammage in the unit [1/100 g/m ²]Paper grammage, in the unit [1/100 g/m ²]
PaperManufacturerCode	ST3T_Int	Code of the paper manufacturer, as defined in the Ifra barcode
PaperManufacturer	ST3T_Text	Paper manufacturer
PaperSupplier	ST3T_Text	Paper supplier
PaperKindID	ST3T_ID	Paper type ID (item number)
PaperKindName	ST3T_Text	Name of the paper kind
PaperColor	ST3T_Text	Paper colour
PaperThickness	ST3T_Int	Average thickness of the paper, calculated using the length and diameter, in the unit [nm].
ReelClass	ST3T_Int	Reel class (reel width in reference to the width of the whole reel) in the unit [mm].
ReelWidth	ST3T_Int	Actual width of the reel in the unit [mm].
ReelWidthPLates	ST3T_Int	Width of the reel, in plates.
StartDiameter	ST3T_Int	Start diameter of the reel in the unit [mm]
EndDiameter	ST3T_Int	Final diameter of the reel in the unit [mm].
UnwoundLength	ST3T_Int	Unwound length of the paper from this reel in the unit [m].
Consumption	ST3T_Weight	Paper use from this reel in the unit [kg]; Calculated on the basis of: ReelWidth * UnwoundLength * Grammage
DeliveryWeight	ST3T_Weight	Delivery weight of the reel, as stated in the Ifra barcode, in the unit [kg]
PreparationWasteThickness	ST3T_Int	Thickness of the preparation waste in the unit [mm] (as entered at the reelstand)
PreparationWasteWeight	ST3T_Weight	Weight of the preparation waste in the unit [kg]
IntermediateWasteThickness	ST3T_Int	Total thickness of intermediate wastes in the unit [mm] e.g. after a web break
IntermediateWasteWeight	ST3T_Weight	Total weight of intermediate waste in the unit [kg]
StartProducing	ST3T_Datetime	Time from which this reel was used in the production (first message from the reel).
EndProducing	ST3T_Datetime	Time when this reel was removed from the production (generally because it was unwound, last message from the reel).
GrossCopies	ST3T_Quantity	Number of gross copies while the reel was producing
CalculatedLength	ST3T_Int	Unwound paper length; calculated using gross copies, height of page, and number of copies; in the unit [kg]
Remark	ST3T_Comment	Remark as given in the Reel Edit Tool
LastUpdate	ST3T_Datetime	Time of last change

Table 142: Structure of ST3ROTV_Reel

7.3 Tables subsystem planning

External processes fill this area using a database programming interface (DB-API). The planning information contained herein comes in the rotation planning system. It is used to evaluate the rotation planning before



Column name	Data type	Description
FolderNo	ST3T_Int	Folder number
PressName	ST3T_ResourceLabel	Folder name (e.g. A, B, C...)
NumberOfCopies	ST3T_Int	Utilisation of production. A list of the possible values can be found in Chapter ⇒ 3.10 .
PlannedProductionStart	ST3T_Datetime	Planned production start
PlannedPrintingStart	ST3T_Datetime	Planned start of printing
PlannedPrintingEnd	ST3T_Datetime	Planned end of printing
PlannedProductionEnd	ST3T_Datetime	Planned production end
PlannedCirculation	ST3T_Quantity	Target distribution circulation From the rotation planning system for this rotation run
PlannedAllowance	ST3T_Quantity	Target allowance for print circulation From the rotation planning system
PlannedTotalCirculation	ST3T_Quantity	Value of the print circulation: PlannedCirculation+ PlannedAllowance
PlannedPrintingTowers	ST3T_Description	List of planned printing units
PaperGrammage	ST3T_Grammage	Paper grammage in the unit [1/100 g/m ²]Paper grammage, in the unit [1/100 g/m ²]
PaperManufacturer	ST3T_Text	Paper manufacturer
PaperSupplier	ST3T_Text	Paper supplier
PaperKindID	ST3T_ID	Paper type ID (item number)
PaperKindName	ST3T_Text	Paper type label
PaperColor	ST3T_Text	Paper colour
ReelClass	ST3T_Int	Width of a whole web in the selected reel class in the unit [mm].
Remark	ST3T_Comment	Comment
ProductionPossibility	ST3T_Label	Production possibility
ColorPossibility	ST3T_Label	Colour possibility
PlanStatus	ST3T_ProcessingCode	Planning status
PressProductionID	ST3T_ID	Production ID in the rotation planning system
DispoProductionID	ST3T_ID	ID of production in V.I.P. dispo , where available.
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter ⇒ 3.3 .
LastUpdate	ST3T_Datetime	Time of last change

Table 145: Structure of ST3RDIE_Production



8 Database module "PostPress Finishing"

The postpress area of the **V.I.P. statistic** database was redesigned based on the OPS-PPM data model.

8.1 Long-term area: Tables

This area is filled by internal processes with information from the online tables.



External processes only have read access to this table.

Table name	Description
ST3FINE_FinishingProduction	Production of an input product for a specific time for a specific line. This involves the same finishing production, as long as the jacket, that is, the input product, does change. During the change of insert products, new output products and IAU may be created, however, which all belong to the same finishing production.
ST3FINE_IAU	Insert assignment unit (IAU). Smallest unit in which the distribution can use/plan the combination of insert products.
ST3FINE_IAUProduction	Insert assignment unit production (IAU production). A production of the smallest sales unit which can be planned. This table represents the line reference of the IAU production and saves the counter readings for each line.
ST3FINE_InputProduct	Product, which comes at the start of a production process, e.g. the jacket before insertion or the print product before winding For this product at least one entry always exists in table ST3FINE_FinishingProduction. If the production is an online production (products come directly from the fold), at least one entry also exists in table ST3FINE_PressProduction.
ST3FINE_InsertJob	The order to insert an insert or a preprint with a specific quantity into a particular IAU. In this case, the quantity is often only a partial quantity of the total quantity of the insert product, as insert products can be inserted into different planned distribution products of different orders. An insert job is defined for every insertion.
ST3FINE_InsertJobProduction	Insert job production. This table represents the line reference of the insert job and saves the counter readings for each line.

Table 146: Module "PostPress Finishing", long-term area "Tables"



Table name	Description
ST3FINE_InsertProduct	Preprints and inserts which are to be inserted into a jacket. Insert products or insert job are created for two reasons: 1. A press can only print a limited number of pages. On days when the scope of the newspaper exceeds this limit one or several preprints are printed for the newspaper 2. (Externally produced and delivered) inserts are to be inserted Examples: Preprint 1, TV insert, property preprint.
ST3FINE_Message	Messages in the finishing area
ST3FINE_OutputProduct	Product, which comes at the end of a production process, e.g. PP product with insert products after insertion, bundled print product after printing, bundled PP product after insertion, cut print product after cutting etc. Within an output product the parts of the newspaper (HP, VP) do not change. The inserts can be changed. In the case of such a change, the same output product is produced, however, with another IAU. When bundled, the output product corresponds to the edition of a newspaper.
ST3FINE_OutputProduction	Production, which produces an output product as the result.
ST3FINE_ProductionGroup	Summary of products and productions for managing the automatic store.
ST3FINE_RefMessageProduction	References between messages and productions
ST3FINE_ResourceAllocation	Resource allocation for a production.
ST3FINE_UsedResource	List of resources used for each production.

Table 146: Module "PostPress Finishing", long-term area "Tables"

8.1.1 ST3FINE_FinishingProduction

This table contains the data of all finishing productions.

Column name	Data type	Description
FinishingProductionID	ST3T_ID	Internal ID as a unique key for the entity.
InputProductID	ST3T_ID	Input product ID (reference to table ST3FINE_InputProduct).
ProductionRunId	ST3T_ID	Production run ID.
ProductionModeLabel	ST3T_Label	Machine configuration label for this finishing production.
LineLabel	ST3T_Label	Label of the producing line.
PlannedStart	ST3T_Datetime	Planned production start.
PlannedEnd	ST3T_Datetime	Planned production end.
ProductionDay	ST3T_Datetime	Logical production date (generally from 6:00 a.m. on the production date to 6:00 a.m. on the following day).
RealStart	ST3T_Datetime	Actual production start.
RealEnd	ST3T_Datetime	Actual production end.
PlannedCopies	ST3T_Quantity	Planned number of copies.
ProducedCopies	ST3T_Quantity	Number of produced copies.
StackerFolderCopies	ST3T_Quantity	Number of copies in the universal conveyor or rotation chain
StackerInsertCopies	ST3T_Quantity	Number of copies in the universal conveyor or inserter chain
OverflowCopiesOnline	ST3T_Quantity	Number of overflow copies of online productions

Table 147: Structure of table ST3FINE_FinishingProduction



Column name	Data type	Description
OverflowCopiesOffline	ST3T_Quantity	Number of overflow copies of offline productions
WindedCopies	ST3T_Quantity	Number of winded copies.
UpwindedCopies	ST3T_Quantity	Number of unwinded copies of offline productions.
PlannedSpeed	ST3T_Speed	Planned speed (copies/hour)
CopiesPerGripper	ST3T_Int	Copies per gripper. The possible values are 1 or 2.
Remark	ST3T_Comment	Comment in V.I.P. statistic
State	ST3T_ProcessingCode	Status of production. A list of the possible values can be found in Chapter 3.11 .
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
LastUpdate	ST3T_Datetime	Time of last change
ExternalProductionID	ST3T_ID	Entity ID in other systems
WorkflowState	ST3T_ProcessingCode	Identification of the workflow state. This describes whether the production is currently running, has been completed, etc. A list of the possible values can be found in Chapter 3.25 .

Table 147: Structure of table ST3FINE_FinishingProduction

8.1.2 ST3FINE_I AU

This table contains the data of all insert assignment units (IAU)

Column name	Data type	Description
IAUID	ST3T_ID	Internal ID as a unique key for the entity
OutputProductID	ST3T_ID	Output product ID (reference to table ST3FINE_OutputProduct).
Label	ST3T_Label	Insert assignment unit label.
PlannedCopies	ST3T_Quantity	Planned number of copies.
Remark	ST3T_Comment	Comment in V.I.P. statistic
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
LastUpdate	ST3T_Datetime	Time of last change

Table 148: Structure of table ST3FINE_I AU

8.1.3 ST3FINE_I AUProduction

This table contains the data of all IAU production runs.

Column name	Data type	Description
IAUProductionID	ST3T_ID	Internal ID as a unique key for the entity
IAUID	ST3T_ID	IAU ID (reference to table ST3FINE_I AU).
FinishingProductionID	ST3T_ID	Finishing production ID (reference to table ST3FINE_FinishingProduction).
DispoProductionID	ST3T_ID	Production ID in V.I.P. dispo . This is needed to carry out planning comparisons

Table 149: Structure of table ST3FINE_I AUProduction



Column name	Data type	Description
OutputProductionID	ST3T_ID	Output production ID (reference to table ST3FINE_OutputProduction).
PlannedStart	ST3T_Datetime	Planned production start.
PlannedEnd	ST3T_Datetime	Planned production end.
ProductionDay	ST3T_Datetime	Production date (generally from 6:00 a.m. on the production date to 6:00 a.m. on the following day).
RealStart	ST3T_Datetime	Actual production start.
RealEnd	ST3T_Datetime	Actual production end.
PlannedCopies	ST3T_Quantity	Planned number of copies.
InsertedCopies	ST3T_Quantity	Number of inserted copies.
IncompleteCopies	ST3T_Quantity	Number of incomplete copies.
MisalignedCopies	ST3T_Quantity	Number of misaligned sheets.
BundledCopies	ST3T_Quantity	Number of bundled copies.
Sequence	ST3T_Int	Unique ascending sequence number of IAU production in the order of all IAU productions.
Remark	ST3T_Comment	Comment in V.I.P. statistic
State	ST3T_ProcessingCode	Status of production. A list of the possible values can be found in Chapter ⇒ 3.11 .
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter ⇒ 3.3 .
LastUpdate	ST3T_Datetime	Time of last change
IsBackup	ST3T_Boolean	True if the production was planned as a backup. Otherwise false.
LineLabel	ST3T_Label	Label of the producing line

Table 149: Structure of table ST3FINE_IAUProduction

8.1.4 ST3FINE_InputProduct

This table contains the data of all input products.

Column name	Data type	Description
InputProductID	ST3T_ID	Internal ID as a unique key for the entity
ProductionGroupID	ST3T_ID	Production group ID (reference to table ST3FINE_ProductionGroup).
DispoInsertProductID	ST3T_ID	Insert product ID in V.I.P. dispo . This is needed to carry out planning comparisons
Label	ST3T_Label	Label of the input product.
DisplayLabel	ST3T_Label	Product label for the display.
ProductNumber	ST3T_Int	Product number for the automatic store.
PublicationLabel	ST3T_Label	Publication label.
PublicationShortLabel	ST3T_ShortLabel	Publication short label.
EditionGroupLabel	ST3T_Label	Edition group label.
EditionGroupShortLabel	ST3T_ShortLabel	Edition group short label.
RefToExternalEditionGroup	ST3T_ShortLabel	External reference to edition group. This field can be used to reference the edition group label, e.g. of a page planning system.

Table 150: Structure of table ST3FINE_InputProduct



Column name	Data type	Description
PartProductLabel	ST3T_Label	Partial product identification label.
PartProductShortLabel	ST3T_ShortLabel	Partial product identification short label.
DateOfIssue	ST3T_Datetime	Date of issue
IssueReference	ST3T_ShortLabel	Issue reference. Often the issue reference = date of issue based on the format YYYYMMDD. However, can also be e.g. the calendar week "KW41-2003".
Weight	ST3T_Weight	Copy weight in the unit [1/10 g].
PlannedCopies	ST3T_Quantity	Planned number of copies.
Allowance	ST3T_Quantity	Allowance.
PageCount	ST3T_PageCount	Number of pages.
Remark	ST3T_Comment	Comment in V.I.P. statistic
State	ST3T_ProcessingCode	Product status. A list of the possible values can be found in Chapter 3.11 .
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
LastUpdate	ST3T_Datetime	Time of last change
WorkflowState	ST3T_ProcessingCode	Identification of the workflow state. This describes whether the production is currently running, has been completed, etc. A list of the possible values can be found in Chapter 3.25 .

Table 150: Structure of table ST3FINE_InputProduct

8.1.5 ST3FINE_InsertJob

This table contains all data of the insert jobs.

Column name	Data type	Description
InsertJobID	ST3T_ID	Internal ID as a unique key for the entity
IAUID	ST3T_ID	Insert assignment unit ID (reference to table ST3FINE_IAU).
InsertProductID	ST3T_ID	Insert product ID (reference to table ST3FINE_InsertProduct).
MailingTitle	ST3T_Label	Daily order in the MAI area.
PlannedCopies	ST3T_Quantity	Planned number of copies.
ProducedCopies	ST3T_Quantity	Number of produced copies.
Monitored	ST3T_Boolean	This specifies whether the insertion is monitored. Every copy without this insertion is ejected as waste. V.I.P. also uses the term "Part of newspaper".
FeederStation	ST3T_ResourceLabel	Feeder station name.
Remark	ST3T_Comment	Comment.
State	ST3T_ProcessingCode	Status of production. A list of the possible values can be found in Chapter 3.11 .
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
LastUpdate	ST3T_Datetime	Time of last change

Table 151: Structure of table ST3FINE_InsertJob



8.1.6 ST3FINE_InsertJobProduction

This table contains all data of the insert job production runs.

Column name	Data type	Description
InsertJobProductionID	ST3T_ID	Internal ID as a unique key for the entity
InsertJobID	ST3T_ID	Insert job ID (reference to table ST3FINE_InsertJob).
IAUProductionID	ST3T_ID	Production ID for the IAU (reference to table ST3FINE_IAUProduction).
FeederStation	ST3T_ResourceLabel	Feeder station name.
BackupFeederStation	ST3T_ResourceLabel	Backup feeder station name.
ManualFeeding	ST3T_Boolean	This specifies whether the insertion is carried out via a manual hopper.
PlannedCopies	ST3T_Quantity	Planned number of copies.
ProducedCopies	ST3T_Quantity	Number of produced copies.
Overlap	ST3T_Int	Prefold 1st cross fold. The newspaper can only be reopened for insertions in the postpress if an overlap exists. In the case of the overlap the side head is positioned higher than the side foot, in the case of the trailing lap it is lower. Unit [mm].
Monitored	ST3T_Boolean	This specifies whether the insertion is monitored. Every copy without this insertion is ejected as waste. V.I.P. also uses the term "Part of newspaper".
Used	ST3T_Boolean	This specifies that this insertion was actually used during the production.
Remark	ST3T_Comment	Comment in V.I.P. statistic
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
LastUpdate	ST3T_Datetime	Time of last change
LineLabel	ST3T_Label	Label of the producing line

Table 152: Structure of table ST3FINE_InsertJobProduction

8.1.7 ST3FINE_InsertProduct

This table contains all data of the insert products.

Column name	Data type	Description
InsertProductID	ST3T_ID	Internal ID as a unique key for the entity
ProductionGroupID	ST3T_ID	Production group ID (reference to table ST3FINE_ProductionGroup).
DispoInsertProductID	ST3T_ID	Insert product ID in V.I.P. dispo . This is needed to carry out planning comparisons
Label	ST3T_Label	Insert product label.
Customer ¹	ST3T_Label	Name of customer.
Motive ¹	ST3T_Label	Motive.
ProductNumber	ST3T_Int	Product number for the automatic store.
PublicationLabel ²	ST3T_Label	Publication label.

Table 153: Structure of table ST3FINE_InsertProduct



Column name	Data type	Description
PublicationShortLabel ²	ST3T_ShortLabel	Publication short label.
EditionGroupLabel ²	ST3T_Label	Edition group label.
EditionGroupShortLabel ²	ST3T_ShortLabel	Edition group short label.
RefToExternalEditionGroup ²	ST3T_ShortLabel	External reference to edition group. This field can be used to reference the edition group label, e.g. of a page planning system.
PartProductLabel ²	ST3T_Label	Partial product identification label.
PartProductShortLabel ²	ST3T_ShortLabel	Partial product identification short label.
DateOfIssue ²	ST3T_Datetime	Date of issue
IssueReference ²	ST3T_ShortLabel	Issue reference. Often the issue reference = date of issue based on the format YYYYMMDD. However, can also be e.g. the calendar week "KW41-2003".
Weight	ST3T_Weight	Copy weight in the unit [1/10 g].
PageCount	ST3T_PageCount	Number of pages.
FoldType	ST3T_ProcessingCode	Fold type. A list of the possible values can be found in Chapter ⇒ 3.12 .
Overlap	ST3T_Boolean	Prefold 1st cross fold. The newspaper can only be reopened for insertions in the postpress if an overlap exists. In the case of the overlap the side head is positioned higher than the side foot, in the case of the trailing lap it is lower.
FormatLabel	ST3T_Label	Format label.
FormatWidth	ST3T_Int	Format width in the unit [mm].
FormatHeight	ST3T_Int	Format length in the unit [mm].
Condition	ST3T_Label	Condition at the time of receipt.
Windable	ST3T_Boolean	Specifies whether the product can be winded. This information is provided by the goods receiving department
Insertable	ST3T_Boolean	Specifies whether the product can be inserted. This information is provided by the goods receiving department
Complained	ST3T_Boolean	This information is provided by the goods receiving department, and specifies if a complaint was received on the product.
PlannedCopies	ST3T_Quantity	Planned number of copies.
AvailableCopies	ST3T_Quantity	Number of available copies in the internal storage of the print house.
ExternStoreCopies	ST3T_Quantity	Number of copies in the external storage of the print house.
Remark	ST3T_Comment	Comment in V.I.P. statistic
State	ST3T_ProcessingCode	Product status. A list of the possible values can be found in Chapter ⇒ 3.11 .
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter ⇒ 3.3 .
LastUpdate	ST3T_Datetime	Time of last change

Table 153: Structure of table ST3FINE_InsertProduct

1. Data only available for inserts



2. Only for print products and pre-insertions

8.1.8 ST3FINE_Message

This table contains the messages of the finishing area. Only messages from the table ST3 STAE_MessageFilter will be entered in this table.

Column name	Data type	Description
MessageID	ST3T_ID	Internal message ID (unique key)
CategoryID	ST3T_ID	Identification of the category to which the user has assigned a message. This reference is „zero“ if no user has assigned a category. Reference to table ST3STAE_MessageCategory.
Supplier	ST3T_Identity	Text supplier
Application	ST3T_Identity	Source application of message
Line	ST3T_Label	Label of producing line that the message comes from.
PublicationLabel	ST3T_Label	Publication label
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditionGroupLabel	ST3T_Label	Name of edition or edition group
EditionGroupShortLabel	ST3T_ShortLabel	Edition or edition group short label
PartProductLabel	ST3T_Label	Partial product label
PartProductShortLabel	ST3T_ShortLabel	Partial product short label
DateOfIssue	ST3T_Datetime	Date of issue
ProductionMode	ST3T_Label	Machine configuration label for the corresponding production.
ProductionLine	ST3T_Label	Label of the line planned for the corresponding production (if this information is available).
DateOfOccurence	ST3T_Datetime	Time when message occurred
DateOfAcknowledgment	ST3T_Datetime	Time when message deleted
MessageClass	ST3T_Int	Reporting category ID.
MessageNumber	ST3T_Int	Message number
MessageText	ST3T_Description	Message text
MessageLocation	ST3T_Location	Message location
LastUpdate	ST3T_Datetime	Date and time of the last modification of the data record
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
Bound	ST3T_Boolean	Specifies if the message has been allocated to at least one production

Table 154: Structure of ST3FINE_Message

8.1.9 ST3FINE_OutputProduct

This table contains all data of the output products.

Column name	Data type	Description
OutputProductID	ST3T_ID	Internal ID as a unique key for the entity

Table 155: Structure of table ST3FINE_OutputProduct



Column name	Data type	Description
DispoProductID	ST3T_ID	Product ID in V.I.P. dispo . This is needed to carry out planning comparisons
Label	ST3T_Label	Output product label.
DisplayLabel	ST3T_Label	Product label for the display
ProductNumber	ST3T_Int	Product number for automatic storage.
PublicationLabel	ST3T_Label	Publication label.
PublicationShortLabel	ST3T_ShortLabel	Publication short label.
EditionGroupLabel	ST3T_Label	Edition group label.
EditionGroupShortLabel	ST3T_ShortLabel	Edition group short label.
RefToExternalEditionGroup	ST3T_ShortLabel	External reference to edition group. This field can be used to reference the edition group label, e.g. of a page planning system.
PartProductLabel	ST3T_Label	Partial product identification label.
PartProductShortLabel	ST3T_ShortLabel	Partial product identification short label.
MailingTitle	ST3T_Label	Daily order in the MAI area.
MailingDistributionProduct	ST3T_Label	Planned distribution product in the MAI area.
DateOfIssue	ST3T_Datetime	Date of issue.
IssueReference	ST3T_ShortLabel	Issue reference. Often the issue reference = date of issue based on the format YYYYMMDD. However, can also be e.g. the calendar week "KW41-2003".
PlannedCopies	ST3T_Quantity	Planned number of copies.
PageCount	ST3T_PageCount	Number of pages.
FormatLabel	ST3T_Label	Format label.
FormatWidth	ST3T_Int	Format width in the unit [mm].
FormatHeight	ST3T_Int	Format length in the unit [mm].
CopiesPerDisk	ST3T_Int	Number of copies per disc
Remark	ST3T_Comment	Comment in V.I.P. statistic
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
LastUpdate	ST3T_Datetime	Time of last change
DiskAmount	ST3T_Int	Number of discs
InputProductID	ST3T_ID	ID of the input product that the output product belongs to. Reference to table ST3FINE_InputProduct.

Table 155: Structure of table ST3FINE_OutputProduct

8.1.10 ST3FINE_OutputProduction

This table contains the data of all output productions as a summary of the IAU_Productions.

Column name	Data type	Description
OutputProductionID	ST3T_ID	Internal ID as a unique key for the entity
OutputProductID	ST3T_ID	Output product ID. Reference to table ST3FINE_OutputProduct
DispoProductionID	ST3T_ID	Production ID in V.I.P. dispo . This is needed to carry out planning comparisons

Table 156: Structure of table ST3FINE_OutputProduction



Column name	Data type	Description
FinishingProductionID	ST3T_ID	Finishing production ID (reference to table ST3FINE_FinishingProduction).
ResourceName	ST3T_Label	Identifies the machine used
PlannedStart	ST3T_Datetime	Planned production start
PlannedEnd	ST3T_Datetime	Planned production end
RealStart	ST3T_Datetime	Actual production start
RealEnd	ST3T_Datetime	Actual production end
PlannedCopies	ST3T_Quantity	Planned number of copies
InsertedCopies	ST3T_Quantity	Number of inserted copies
IncompleteCopies	ST3T_Quantity	Number of incomplete copies
MisalignedCopies	ST3T_Quantity	Number of misaligned sheets
BundledCopies	ST3T_Quantity	Number of bundled copies
ProductionMode	ST3T_Label	Machine configuration label for this production
ProductionDay	ST3T_Datetime	Logical production date (generally from 6:00 a.m. on the production date to 6:00 a.m. on the following day).

Table 156: Structure of table ST3FINE_OutputProduction

8.1.11 ST3FINE_ProductionGroup

Summary of productions for the management of the automatic store

Column name	Data type	Description
ProductionGroupID	ST3T_ID	Internal ID as a unique key for the entity
Label	ST3T_Label	Production group label.
ProductionDay	ST3T_Datetime	Logical production date. Generally defined from 6:00 a.m. on the production date to 6:00 a.m. on the following day.
StoreTemplateLabel	ST3T_Label	Store template label of the automatic store, if available.
State	ST3T_ProcessingCode	Status of the production group. A list of the possible values can be found in Chapter 3.11 .
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
LastUpdate	ST3T_Datetime	Time of last change

Table 157: Structure of table ST3FINE_ProductionGroup

8.1.12 ST3FINE_RefMessageProduction

This table contains the references between messages and productions.

Column name	Data type	Description
MessageID	ST3T_ID	Identification of the message. Reference to table ST3FINE_Message
ProductionID	ST3T_ID	Production ID. Reference to table ST3FINE_FinishingProduction
Supplier	ST3T_Identity	Text supplier
Application	ST3T_Identity	Source application of message

Table 158: Structure of table ST3FINE_RefMessageProduction



8.1.13 ST3FINE_ResourceAllocation

This table contains data of the allocated machines

Column name	Data type	Description
FinishingProductionID	ST3T_ID	Production ID. Reference to table ST3FINE_FinishingProduction
ResourceLabel	ST3T_Label	Identifies the machine used
AllocStart	ST3T_Datetime	Timestamp when the machine allocation starts
AllocEnd	ST3T_Datetime	Timestamp when the machine allocation ends
ProducedCopies	ST3T_Int	Number of produced copies.
Workload	ST3T_Int	Workload of the machine. The workload indicates how many parts of a resource are used in a production. Generally, the entire machine is involved. Most of the machines only have a maximum workload of "1". However, some machines, e.g. CtP image setters or large winding stations, have workloads of "2" or more and can simultaneously carry out several productions at once. The workload then indicates how many parts the machine uses as part of the production.

Table 159: Structure of table ST3FINE_ResourceAllocation

8.1.14 ST3FINE_UsedResource

This table contains data of the allocated machines

Column name	Data type	Description
FinishingProductionID	ST3T_ID	Production ID. Reference to table ST3FINE_FinishingProduction
ResourceLabel	ST3T_Label	Identifies the machine used
Counter	ST3T_Int	Production counter for machine
LastUpdate	ST3T_Datetime	Time of last change
Workload	ST3T_Int	Workload of the machine. The workload indicates how many parts of a resource are used in a production. Generally, the entire machine is involved. Most of the machines only have a maximum workload of "1". However, some machines, e.g. CtP image setters or large winding stations, have workloads of "2" or more and can simultaneously carry out several productions at once. The workload then indicates how many parts the machine uses as part of the production.

Table 160: Structure of table ST3FINE_UsedResource



8.2 Long-term area: Views

Table name	Description
ST3FINV_OutputInsertProduct	List of insert products that are included in a final product.
ST3FINV_OutputProduction	List of the final products reported by the finishing area.
ST3FINV_OutputProductionBase	View which links the output production information with the assigned employee roles.

Table 161: Module "PostPress Finishing", long-term area "Views"

8.2.1 ST3FINV_OutputInsertProduct

This view contains the list of the insert products (e.g.: inserts) that are included in a final product.

Column name	Data type	Description
OutputProductID	ST3T_ID	Final product ID
FinishingProductionID	ST3T_ID	Distribution product ID
InsertProductID	ST3T_ID	Insert ID
InsertProductLabel	ST3T_Label	Name of insert
InsertProductCustomer	ST3T_Label	Name of customer (client)
InsertProductMotive	ST3T_Label	Description of motive (title page)
InsertProductNumber	ST3T_Int	Internal number
PlannedCopies	ST3T_Quantity	Planned number of copies for the inserting
ProducedCopies	ST3T_Quantity	Number of inserted copies

Table 162: Structure of table ST3FINV_OutputInsertProduct

8.2.2 ST3FINV_OutputProduction

This view contains the final products reported by the finishing area. Without inserting, there is one final product for each distribution edition (finishing product in the **V.I.P. dispo**).

Column name	Data type	Description
OutputProductID	ST3T_ID	Final product ID
FinishingProductionID	ST3T_ID	Distribution product ID
Label	ST3T_Label	Name of final product
LineLabel	ST3T_Label	Line label (mailroom)
ProductionModeLabel	ST3T_Label	Name of production mode
DispoProductionID	ST3T_ID	ID of the production in V.I.P.
PlannedStart	ST3T_Datetime	Planned start time
PlannedEnd	ST3T_Datetime	Planned end time
ProductionDay	ST3T_Datetime	Production date
RealStart	ST3T_Datetime	Start time of the production
RealEnd	ST3T_Datetime	End time of the production
PlannedCopies	ST3T_Quantity	Target circulation

Table 163: Structure of table ST3FINV_OutputProduction



Column name	Data type	Description
InsertedCopies	ST3T_Quantity	Number of copies with inserting
IncompleteCopies	ST3T_Quantity	Number of copies with faulty inserting
MisallignedCopies	ST3T_Quantity	Copies that have been rejected due to misalignment
BundledCopies	ST3T_Quantity	Number of bundled copies

Table 163: Structure of table ST3FINV_OutputProduction

8.2.3 ST3FINV_OutputProductionBase

This view links the output production information with the assigned employee roles. This basic version which can be adjusted to the demands of the respective equipment determines information on those responsible for production, group leaders and shift leaders.

Column name	Data type	Description
OutputProductionID	ST3T_ID	Internal ID as a unique key for the entity.
OutputProductID	ST3T_ID	Output product ID. Reference to table ST3FINE_OutputProduct.
FinishingProductionID	ST3T_ID	ID of Finishing Production. Reference to table ST3FINE_FinishingProduction.
LineLabel	ST3T_Label	Identifies the machine used.
ProductionModeLabel	ST3T_Label	Machine configuration label for this production.
DispoProductionID	ST3T_ID	Production ID in V.I.P. dispo . This is needed to carry out planning comparisons.
PlannedStart	ST3T_Datetime	Planned production start.
PlannedEnd	ST3T_Datetime	Planned production end.
ProductionDay	ST3T_Datetime	Logical production date (generally from 6:00 a.m. on the production date to 6:00 a.m. on the following day).
RealStart	ST3T_Datetime	Actual production start.
RealEnd	ST3T_Datetime	Actual production end.
PlannedCopies	ST3T_Quantity	Planned number of copies.
InsertedCopies	ST3T_Quantity	Number of inserted copies.
IncompleteCopies	ST3T_Quantity	Number of incomplete copies.
MisallignedCopies	ST3T_Quantity	Number of misaligned sheets.
BundledCopies	ST3T_Quantity	Number of bundled copies.
Production Manager	ST3T_Label	Label for those responsible for production.
FirstNameGroupLeader	ST3T_Money	First name of group leader.
LastNameGroupLeader	ST3T_Money	Last name of group leader.
FirstNameShift	ST3T_Money	First name of shift leader.
LastNameShift	ST3T_Money	Last name of shift leader.

Table 164: Structure of table ST3FINV_OutputProductionBase



9 Database module "PostPress Mailing"

The bundle formation and mailroom area of the **V.I.P. statistic** database was redesigned based on the OPS-PPM data model.

9.1 Long-term area: Tables

This area is filled by internal processes with information from the online tables.



External processes only have read access to this table.

Table name	Description
ST3MAIE_Bundle	Information for every bundle. This area is deleted after six weeks by V.I.P. statistic .
ST3MAIE_BundleState	List of bundle state messages for each bundle.
ST3MAIE_Delivery	The inserter job can be produced on multiple production units (usually stackers).
ST3MAIE_DeliveryStopCheckReasonRef	All machine stops of one production unit with details of the reason.
ST3MAIE_DistributionProduct	Describes a planned distribution product (an edition on a date of issue). It can only be an edition group in exceptional cases, if the distribution data provides for this.
ST3MAIE_Duration	Contains different times as durations for an inserter job.
ST3MAIE_Feeder	Contains for each inserter job the assignment and the counts of the individual hoppers.
ST3MAIE_FeederStopCheckReasonRef	All machine stops of one hopper with details of the reason.
ST3MAIE_InsertProduct	All insert products, which are inserted into a planned distribution product. The allocation takes place on route unit level.
ST3MAIE_InserterJob	Contains data for the individual inserter jobs.
ST3MAIE_InsProductRouteUnitRef	Contains the supplement assignment for one route unit as a reference to the insert product.
ST3MAIE_InsStatisticRoute	Contains the statistical insertion data for the route of a distribution product.
ST3MAIE_InsStatisticRouteUnit	Contains the statistical insertion data for the route unit of a distribution product.
ST3MAIE_InsStatisticDP	Contains the statistical insertion data for a distribution product.
ST3MAIE_InsJobStopCheckReasonRef	All stops that cannot be assigned to the production units or to the hoppers.
ST3MAIE_Load	In a load, the bundles of one or several planned distribution products of one or several publication are grouped. The load describes a truck, which transports the corresponding bundles.

Table 165: Module "PostPress Mailing", long-term area "Tables"



Table name	Description
ST3MAIE_MissingCopyRemovalGate	Contains production messages from the removal of incomplete copies
ST3MAIE_Pallet	Describes a pallet on which the bundles of one or several planned distribution products are stored.
ST3MAIE_Route	The route describes the schedule according to which the planned distribution products are to be distributed. On the route there are drops, that is, the route units, at which a particular quantity of bundles is delivered.
ST3MAIE_RouteData	A route can be produced on different lines, or interrupted by other productions. In this table, one data record is stored for each production section of a route.
ST3MAIE_RouteUnit	The route unit (RU) describes a drop on a route. A RU is e.g. a kiosk, paperboy's house or the post office.
ST3MAIE_RouteUnitData	A route unit can be produced on different lines, or interrupted by other productions. In this table, one data record is stored for each production section of a route unit.
ST3MAIE_StopCheckReason	Contains the different reasons for a stop during the production.
ST3MAIE_Title	The "title" corresponds with the daily order in V.I.P. and contains all the planned distribution products of a publication for a date of issue.

Table 165: Module "PostPress Mailing", long-term area "Tables"

9.1.1 ST3MAIE_Bundle

This table contains all data of the individual bundles.

Column name	Data type	Description
BundleID	ST3T_ID	Unique ID for the entity
RouteUnitID	ST3T_ID	Unique reference to the route unit
BundleIdentity	ST3T_IDST3T_GUID	External bundle identification, unique across the system
DateOfIssue	ST3T_Datetime	Date of issue
PublicationLabel	ST3T_Label	Publication label
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditionLabel	ST3T_Label	Edition name
EditionShortLabel	ST3T_Label	Edition short name
RouteLabel	ST3T_Label	Route label
RouteUnitLabel	ST3T_Label	Route unit label
Modules	ST3T_ShortLabel	Label of the production line
PlannedCopies	ST3T_Int	Number of planned copies in this bundle
Copies	ST3T_Int	number of copies
AreaID	ST3T_Label	Label for the area within the packaging line
Barcode	ST3T_Barcode	Bundle barcode
Schedule	ST3T_ShortLabel	Line schedule that the bundle is located in
BundleNo	ST3T_Int	Bundle number
ReproNo	ST3T_Int	Bundle number for reproducing the bundle = 0 => No repro bundle > 0 => Number of the original bundle and the reproduced bundle

Table 166: Structure of table ST3MAIE_Bundle



Column name	Data type	Description
Addressed	ST3T_Int	Number of addressed copies in the bundle
ProductionTime	ST3T_Datetime	Time at which the bundle is reported as produced within the bundle formation system.
LoadTime	ST3T_Datetime	Time at which the bundle is reported as loaded, that is, transferred to the bay, within the bundle formation system. This value only exists if the bundle is entered a second time before the transfer to the bay.
FirstOccur	ST3T_Datetime	Time of the first bundle message
LastOccur	ST3T_Datetime	Time of the last bundle message
BundleState	ST3T_Label	Bundle status
BundleType	ST3T_Int	Bundle type 0 = Has exited the stacker 1 = On the jam conveyer chain 2 = Virtual (e.g. only topsheet) 3 = Programmed 4 = Standard 5 = Standard lot 6 = Standard overflow 7 = Waste
ProgrammedType	ST3T_Int	Manufacturing mode. A list of the possible values can be found in Chapter ⇒ 3.29 .
Loading ramp	ST3T_ShortLabel	Loading ramp label for the delivery
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter ⇒ 3.3 .
State	ST3T_Int	Status of entity as defined in the mailroom system. A list of the possible values can be found in Chapter ⇒ 3.11 .

Table 166: Structure of table ST3MAIE_Bundle

9.1.2 ST3MAIE_BundleState

This table contains the list of the bundle status messages for each bundle. Which bundle statuses are reported depends on the equipment.

Column name	Data type	Description
BundleStateID	ST3T_ID	Status message ID
BundleID	ST3T_ID	Bundle ID
State	ST3T_ShortLabel	New status of the bundle. These are system-dependent key words.
Occurance	ST3T_Datetime	Timestamp of message
RealRamp	ST3T_Label	Label of the loading ramp at which the bundle was ejected. This field is filled-in only if the loading ramp has already been passed when the message occurs.

Table 167: Structure of table ST3MAIE_BundleState

9.1.3 ST3MAIE_Delivery

The inserter job can be produced on multiple production units (usually stackers).



This table is filled only in connection with PrimeTrack-Interface PostPress Track R2.1.0 Rev.B.

Column name	Data type	Description
DeliveryID	ST3T_ID	Production unit ID
InsertJobID	ST3T_ID	Insert Job ID
DeliveryIdentity	ST3T_IDST3T_GUID	External ID of the production unit
NetCopies	ST3T_Int	Number of copies produced with this production unit.

Table 168: ST3MAIE_Delivery

9.1.4 ST3MAIE_DeliveryStopCheckReasonRef

This table records all stops of the machine from a production unit with reason.

This table is filled only in connection with PrimeTrack-Interface PostPress Track R2.1.0 Rev.B.

Column name	Data type	Description
DeliveryID	ST3T_ID	Production unit ID
StopCheckReasonID	ST3T_ID	Stop message ID

Table 169: ST3MAIE_DeliveryStopCheckReasonRef

9.1.5 ST3MAIE_DistributionProduct

This table contains all the data of the planned distribution products.

Column name	Data type	Description
DistributionProductID	ST3T_IDST3T_GUID	Unique ID for the entity
TitleID	ST3T_ID	Reference to the "Title" table
DistributionProductIdentity	ST3T_Identity	Unique planned distribution product ID.
Label	ST3T_Label	Planned distribution product label.
DispoDistributionProductID	ST3T_ID	Planned distribution product ID in the VDI area.
DateOfIssue	ST3T_Datetime	Date of issue
PublicationLabel	ST3T_Label	Publication label
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditionLabel	ST3T_Label	Edition name
EditionShortLabel	ST3T_ShortLabel	Edition short name
Modules	ST3T_ShortLabel	Label of the production line
RouteCount	ST3T_Int	Number of routes within the planned distribution product.
RouteUnitCount	ST3T_Int	Number of route units within the planned distribution product
OriginCopies	ST3T_Int	Number of originally planned copies
PlannedCopies	ST3T_Int	Planned number of copies of the planned distribution product.
ProducedCopies	ST3T_Int	Number of produced copies of the planned distribution product.

Table 170: Structure of table ST3MAIE_DistributionProduct



Column name	Data type	Description
ManualCopies	ST3T_Int	Number of manually produced copies of the planned distribution product
SorterCopies	ST3T_Int	Number of copies delivered by the outlet belt.
StandardBundlesProd	ST3T_Int	Number of automatically produced standard bundles of the planned distribution product.
StandardBundlesHand	ST3T_Int	Number of manually produced standard bundles of the planned distribution product.
StandardBundlesSorter	ST3T_Int	Total number of manually produced standard bundles of the planned distribution product.
StandardBundlesPalletizer	ST3T_Int	Number of produced standard bundles of the planned distribution product on pallets.
BalancedBundlesProd	ST3T_Int	Number of automatically produced odd bundles of the planned distribution product.
BalancedBundlesHand	ST3T_Int	Number of manually produced odd bundles of the planned distribution product.
BalancedBundlesSorter	ST3T_Int	Total number of manually produced odd bundles of the planned distribution product.
BalancedBundlesPalletizer	ST3T_Int	Number of produced odd bundles of the planned distribution product on pallet.
PlannedStart	ST3T_Datetime	Planned start of the planned distribution product
PlannedEnd	ST3T_Datetime	Planned end of the planned distribution product
RealStart	ST3T_Datetime	Actual start of the bundle formation of the planned distribution product. Earliest RealStart of the routes.
RealEnd	ST3T_Datetime	Actual end of the bundle formation of the planned distribution product. Latest RealEnd of the routes.
Remark	ST3T_Comment	Comment in V.I.P. statistic
GrossCopies	ST3T_Int	Gross number of copies.
NetCopies	ST3T_Int	Net number of copies.
OverflowCopies	ST3T_Int	Number of copies in the overflow.
ReleasedCopies	ST3T_Int	Number of copies in the stacker.
StdLotCopies	ST3T_Int	Number of copies from the standard lot bundles.
StdCopies	ST3T_Int	Number of copies from non-programmed standard production(overflow).
ReproCopies	ST3T_Int	Number of copies from reproduced bundles for the edition.
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter ⇒ 3.3 .
State	ST3T_Int	Status of entity as defined in the mailroom system. A list of the possible values can be found in Chapter ⇒ 3.11 .
LastUpdate	ST3T_Datetime	Time of last change
WorkflowState	ST3T_ProcessingCode	Identification of the workflow state. This describes whether the production is currently running, has been completed, etc. A list of the possible values can be found in Chapter ⇒ 3.25 .

Table 170: Structure of table ST3MAIE_DistributionProduct



9.1.6 ST3MAIE_Duration

This table records different times as durations for an inserter job (InserterJob).

This table is filled only in connection with PrimeTrack-Interface PostPress Track R2.1.0 Rev.B.

Column name	Data type	Description
DurationID	ST3T_ID	Duration ID
InserterJobID	ST3T_ID	Inserter job ID
DurationType	ST3T_Label	Duration type
Duration	ST3T_Int	Duration in seconds [s]

Table 171: Structure of table ST3MAIE_Duration

9.1.7 ST3MAIE_Feeder

The assignment and the counters of the individual hoppers are recorded here for each inserter job

This table is filled only in connection with PrimeTrack-Interface PostPress Track R2.1.0 Rev.B.

Column name	Data type	Description
FeederID	ST3T_ID	Hopper ID
InserterJobID	ST3T_ID	Inserter Job ID
FeederIdentity	ST3T_IDST3T_GUID	External ID of the hopper
InsertProductName	ST3T_Label	Name of the product created
GrossInserts	ST3T_Int	Number of products to be pulled off
NetInserts	ST3T_Int	Number of products pulled off
MissFeed	ST3T_Int	Number of missing products
MultipleFeed	ST3T_Int	Number of pull-offs with more than one product
Verworfen	ST3T_Int	Number of products triggered at monitoring.

Table 172: Structure of table ST3MAIE_Feeder

9.1.8 ST3MAIE_FeederStopCheckReasonRef

This table records all stops of the machine of a hopper with reason.

This table is filled only in connection with PrimeTrack-Interface PostPress Track R2.1.0 Rev.B.

Column name	Data type	Description
FeederID	ST3T_ID	Hopper ID
StopCheckReasonID	ST3T_ID	Stop message ID

Table 173: Structure of table ST3MAIE_FeederStopCheckReasonRef



9.1.9 ST3MAIE_InsertProduct

This table contains the data of all insert products (print products, PP products, inserts), which are allocated on route unit level.

Column name	Data type	Description
InsertProductID	ST3T_ID	Unique ID for the entity
TitleID	ST3T_ID	ID of the title (==> ST3MAIE_Title)
DispoInsertProductID	ST3T_ID	Insert product ID in the VDI area
ProductType	ST3T_ProcessingCode	Product type ID (print product, PP product, insert)
ShortLabel	ST3T_ShortLabel	Short label for the insert product
RefNo	ST3T_Int	Reference number of the insert product in this title
ExternalID	ST3T_Label	Insert product name in the external system
Length	ST3T_Float	Format length in mm
Width	ST3T_Float	Format width in mm
Thickness	ST3T_Float	Thickness of the insert product in mm
PageCount	ST3T_Int	Number of pages of the insert product
Weight	ST3T_Float	Weight [g per 10 copies] of the insert product
PlannedCopies	ST3T_Int	Planned number of copies of the insert product
Remark	ST3T_Description	Comment
Label	ST3T_Label	Insert product name
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .

Table 174: Structure of table ST3MAIE_InsertProduct

9.1.10 ST3MAIE_InserterJob

This table contains data for the individual inserter jobs. An inserter job is a production section with the same inserting and the same hopper assignment.

This table is filled only in connection with PrimeTrack-Interface PostPress Track R2.1.0 Rev.B.

Column name	Data type	Description
InserterJobID	ST3T_ID	Inserter Job ID
DistributionProductID	ST3T_ID	Distribution product ID
ProductionID	ST3T_IDST3T_GUID	External ID of the production
AreaID	ST3T_IDST3T_GUID	External ID of the production area
InserterJobIdentity	ST3T_IDST3T_GUID	External ID of the inserter job
Label	ST3T_Label	Inserter job label
RealStart	ST3T_Datetime	Start time
RealEnd	ST3T_Datetime	End time
PlannedCopies	ST3T_Int	Planned copies
GrossCopies	ST3T_Int	Gross produced copies
NetCopies	ST3T_Int	Net produced copies
AverageRunningPerformance	ST3T_Int	Average machine speed without stop times [copies/h]

Table 175: Structure of table ST3MAIE_InserterJob



Column name	Data type	Description
NetOutputPerformance	ST3T_Int	Machine speed in relation to net copies without waiting times. Copies/hour
LineOutputPerformance	ST3T_Int	Machine speed in relation to net copies over the entire production time. [Copies/h]
ProfileError	ST3T_Int	Number of errors through oblique or overhanging copies
CopyError	ST3T_Int	Number of errors through missing copies
ForcedDeliveries	ST3T_Int	Number of copies triggered at the forced removal.

Table 175: Structure of table ST3MAIE_InserterJob

9.1.11 ST3MAIE_InsProductRouteUnitRef

This table contains the supplement assignment for a route unit as a reference to the insert product.

Column name	Data type	Description
InsertProductID	ST3T_ID	ID from table ST3MAIE_InsertProduct
RouteUnitID	ST3T_ID	ID from table ST3MAIE_RouteUnit

Table 176: Structure of table ST3MAIE_InsProductRouteUnitRef

9.1.12 ST3MAIE_InsStatisticRoute

This table contains the statistical insertion data for the route of a distribution product.

Column name	Data type	Description
InsStatisticRouteID	ST3T_ID	Data record ID
RouteID	ST3T_ID	Route ID (in which something is to be inserted)
ProductType	ST3T_ProcessingCode	Type of the inserted product (e.g.insert)
Label	ST3T_Label	Name of the inserted product
GoodCopies	ST3T_Int	Number of correctly processed products
MissFeedCopy	ST3T_Int	Number of copies that were not inserted. (A copy was to be printed, but it was not inserted)
DoubleCopy	ST3T_Int	Number of double prints. (Two products were inserted into one distribution product copy)
EmptyCopy	ST3T_Int	Number of copies that were not inserted. (A copy was to be printed, but it was not inserted). The reason was an empty feeder.
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .

Table 177: Structure of table ST3MAIE_InsStatisticRoute

9.1.13 ST3MAIE_InsStatisticRouteUnit

This table contains the statistical insertion data for the route unit of a distribution product.



Column name	Data type	Description
InsStatisticRouteUnitID	ST3T_ID	Data record ID
RouteUnitID	ST3T_ID	Route unit ID
ProductType	ST3T_ProcessingCode	Type of the inserted product (e.g.insert)
Label	ST3T_Label	Name of the inserted product
Modules	ST3T_ShortLabel	Label of the production line
RefNo	ST3T_Int	Reference number of the insert product in this title 0 = final product
PlannedCopies	ST3T_Int	Number of planned copies
CorrectCopies	ST3T_Int	Number of correctly completed copies
MissingCopies	ST3T_Int	Number of missing copies
MissingPercent	ST3T_Int	Number of missing copies in percent
NeedlessCopies	ST3T_Int	Number of unnecessary copies
NeedlessPercent	ST3T_Int	Number of unnecessary copies in percent
NotAvailableCopies	ST3T_Int	Number of copies that were not not available because the products were completely emptied.
NotAvailablePercent	ST3T_Int	Number of unavailable copies in percent
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .

Table 178: Structure of table ST3MAIE_InsStatisticRouteUnit

9.1.14 ST3MAIE_InsStatisticDP

This table contains the statistical insertion data for a distribution product.

Column name	Data type	Description
InsStatisticDPID	ST3T_ID	Data record ID
DistributionProductID	ST3T_ID	Distribution product ID (in which something is to be inserted)
ProductType	ST3T_ProcessingCode	Type of the inserted product (e.g.insert)
Label	ST3T_Label	Name of the inserted product
Modules	ST3T_ShortLabel	Label of the production line
FeederName	ST3T_ShortLabel	Feeder station name
RefNo	ST3T_Int	Reference number of insert product
OrderedCopies	ST3T_Int	Number of ordered copies
GoodFeeds	ST3T_Int	number of copies
GoodCopy	ST3T_Int	Number of copies that were inserted correctly
MissFeedCopy	ST3T_Int	Number of copies that were not inserted. (A copy was to be printed, but it was not inserted)
MissFeedPercent	ST3T_Int	Number of non-inserted copies in percent
DoubleCopy	ST3T_Int	Number of double prints. (Two products were inserted into one distribution product copy)
DoublePercent	ST3T_Int	Number of double prints in percent
EmptyCopy	ST3T_Int	Number of copies that were not inserted. (A copy was to be printed, but it was not inserted). The reason was an empty feeder.

Table 179: Structure of table ST3MAIE_InsStatisticDP



Column name	Data type	Description
EmptyPercent	ST3T_Int	Number of copies that were not inserted due to an empty feeder in percent
MissingTotalCopies	ST3T_Int	Total number of all copies not fed-in
MissingTotalPercent	ST3T_Int	Total number of all copies not fed-in, in percent
NotReadyCopies	ST3T_Int	Number of copies that were not fed-in because the feeder station is not ready
NotReadyPercent	ST3T_Int	Number of copies not fed-in, in percent, because the feeder station is not ready
NotAvailableCopies	ST3T_Int	Number of not fed-in copies because the products were completely emptied and the feeding was stopper by the operator
NotAvailablePercent	ST3T_Int	Number of copies not fed-in, in percent, because the products were completely emptied
SkewCopies	ST3T_Int	Number of misaligned sheets
SkewPercent	ST3T_Int	Number of misaligned sheets in percent
LocalCopies	ST3T_Int	Number of locally ordered copies for starting or disposing of a disc
LocalPercent	ST3T_Int	Number of locally ordered copies in percent
Monitoring	ST3T_Int	Set monitoring mode 0 = No monitoring 1 = 100% monitoring 2 = Monitoring with permitted error rate 3 = Switched off (local at the feeder)
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter ⇒ 3.3 .

Table 179: Structure of table ST3MAIE_InsStatisticDP

9.1.15 ST3MAIE_InsJobStopCheckReasonRef

This table contains the stop messages that could not be assigned to the production units or to the hoppers.

This table is filled only in connection with PrimeTrack-Interface PostPress Track R2.1.0 Rev.B.

Column name	Data type	Description
InsertJobID	ST3T_ID	Insert Job ID
StopCheckReasonID	ST3T_ID	Stop message ID

Table 180: Structure of table ST3MAIE_InsJobStopCheckReasonRef

9.1.16 ST3MAIE_Load

This table contains the data of all loads.

Column name	Data type	Description
LoadID	ST3T_ID	Unique ID for the entity
LoadIdentity	ST3T_IDST3T_GUID	Unique load ID.
TitleID	ST3T_ID	Reference to the title

Table 181: Structure of table ST3MAIE_Load



Column name	Data type	Description
Label	ST3T_Label	Load label
Badge	ST3T_ShortLabel	Assigned badge or vehicle number
Modules	ST3T_ShortLabel	Label of the production line
RouteCount	ST3T_Int	Number of routes of the load
RouteUnitCount	ST3T_Int	Number of route units of the load
OriginCopies	ST3T_Int	Number of originally planned copies per load
PlannedCopies	ST3T_Int	Planned number of copies (sum from RouteUnit).
ManualCopies	ST3T_Int	Number of manually produced copies.
SorterCopies	ST3T_Int	Number of copies delivered by the outlet belt.
LoadedCopies	ST3T_Int	Loaded number of copies (sum from RouteUnit).
LoadedStandardBundlesProd	ST3T_Int	Number of automatically produced standard bundles of the load.
LoadedStandardBundlesHand	ST3T_Int	Number of manually produced standard bundles of the load.
LoadedStandardBundlesSorter	ST3T_Int	Total number of produced standard bundles of the load.
LoadedBalancedBundlesProd	ST3T_Int	Number of automatically produced odd bundles of the load.
LoadedBalancedBundlesHand	ST3T_Int	Number of manually produced odd bundles of the load.
LoadedBalancedBundlesSorter	ST3T_Int	Total number of produced odd bundles of the load.
PlannedArrivalTruck	ST3T_Datetime	Planned arrival time of truck.
PlannedDepartureTruck	ST3T_Datetime	Planned departure time of truck.
RealArrivalTruck	ST3T_Datetime	Actual arrival time of truck.
RealLoadStart	ST3T_Datetime	Actual start time for loading the truck.
RealLoadEnd	ST3T_Datetime	Actual end time for loading the truck.
RealDepartureTruck	ST3T_Datetime	Actual departure time of truck
Destination	ST3T_Label	Label of the destination of the load.
DeliveryType	ST3T_ShortLabel	Type of delivery, for example air freight (AIR), delivery vehicle (VAN).
Remark	ST3T_Comment	Comment in V.I.P. statistic
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
State	ST3T_Int	Status of entity as defined in the mailroom system. A list of the possible values can be found in Chapter 1 3.11 .

Table 181: Structure of table ST3MAIE_Load

9.1.17 ST3MAIE_MissingCopyRemovalGate

This is where the production messages from the incomplete copy removal are stored.

This table is filled only in connection with PrimeTrack-Interface PostPress Track R2.1.0 Rev.B.

Column name	Data type	Description
MissingCopyRemovalGateID	ST3T_ID	Production message ID

Table 182: Structure of table ST3MAIE_MissingCopyRemovalGate



Column name	Data type	Description
InsertJobID	ST3T_ID	Insert Job ID
MissingCopyRemovalGateIdentity	ST3T_GUID	External ID of production message
Verworfen	ST3T_Int	Number of triggered copies

Table 182: Structure of table ST3MAIE_MissingCopyRemovalGate

9.1.18 ST3MAIE_Pallet

The table contains all of the data of the pallets.

Column name	Data type	Description
PalletID	ST3T_ID	Pallet ID
RouteID	ST3T_ID	Route ID
PalletNumber	ST3T_Int	Pallet number
Position	ST3T_Int	Position in the palettizer
LoadUnitName	ST3T_Label	Load name (if applicable)
EndDate	ST3T_Datetime	Time of completion of the pallet
StandardBundles	ST3T_Int	Number of standard bundles on this pallet
BalancedBundles	ST3T_Int	Number of odd bundles on this pallet
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .

Table 183: Structure of table ST3MAIE_Pallet

9.1.19 ST3MAIE_Route

The table contains all of the data of the routes.

Column name	Data type	Description
RouteID	ST3T_ID	Unique ID for the entity
DistributionProductID	ST3T_ID	Reference to the planned distribution product
LoadID	ST3T_ID	Load ID (ST3MAIE_Load)
RouteIdentity	ST3T_GUID	Unique route ID.
Label	ST3T_Label	Route label
ExternalID	ST3T_ShortLabel	Route label in the external system
DateOfIssue	ST3T_Datetime	Date of issue
PublicationLabel	ST3T_Label	Publication label
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditionLabel	ST3T_Label	Edition name
EditionShortLabel	ST3T_Label	Edition short label
Sequence	ST3T_Int	Production sequence in the distribution product
Modules	ST3T_ShortLabel	Label of the production line
RouteUnitCount	ST3T_Int	Number of route units in the route.
OriginCopies	ST3T_Int	Number of originally planned copies per route
PlannedCopies	ST3T_Int	Number of planned copies in the route.
ProducedCopies	ST3T_Int	Number of produced copies in the route.

Table 184: Structure of table ST3MAIE_Route



Column name	Data type	Description
ManualCopies	ST3T_Int	Number of manually produced copies in the route.
SorterCopies	ST3T_Int	Number of copies delivered by the outlet belt.
StandardBundlesProd	ST3T_Int	Number of automatically produced standard bundles in the route.
StandardBundlesHand	ST3T_Int	Number of manually produced standard bundles in the route.
StandardBundlesSorter	ST3T_Int	Total number of produced standard bundles in the route.
StandardBundlesPalletizer	ST3T_Int	Number of produced standard bundles of the route on pallet.
BalancedBundlesProd	ST3T_Int	Number of automatically produced odd bundles in the route.
BalancedBundlesHand	ST3T_Int	Number of manually produced odd bundles in the route.
BalancedBundlesSorter	ST3T_Int	Total number of produced odd bundles in the route.
BalancedBundlesPalletizer	ST3T_Int	Number of produced odd bundles of the route on pallets.
PlannedStart	ST3T_Datetime	Planned start of the route.
PlannedEnd	ST3T_Datetime	Planned end of the route.
RealStart	ST3T_Datetime	Actual start of the route. Earliest RealStart from the route units.
RealEnd	ST3T_Datetime	Actual end of the route. Latest RealEnd from the route units.
Remark	ST3T_Comment	Comment in V.I.P. statistic
Addressed	ST3T_Int	Number of individually addressed copies.
Weight	ST3T_Int	Weight of a route in kg
StdSize	ST3T_Int	Number of copies per standard bundle (standard size)
PageCount	ST3T_Int	Number of pages (calculated using the number of pages of all received products)
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
State	ST3T_Int	Status of entity as defined in the mailroom system. A list of the possible values can be found in Chapter 3.11 .

Table 184: Structure of table ST3MAIE_Route

9.1.20 ST3MAIE_RouteData

A route can be produced on different lines, or interrupted by other productions. In this table, one data record is stored for each production section of a route.

This table is filled only in connection with PrimeTrack-Interface PostPress Track R2.1.0 Rev.B.

Column name	Data type	Description
RouteDataID	ST3T_ID	Production section ID
RouteID	ST3T_ID	Route ID

Table 185: Structure of table ST3MAIE_RouteData



Column name	Data type	Description
LineID	ST3T_Label	ID/name of line used for production
RealStart	ST3T_Datetime	Time of production start
RealEnd	ST3T_Datetime	Time of production end
ProducedCopies	ST3T_Int	Number of copies produced
ProducedBundles	ST3T_Int	Number of bundles produced
LoadedBundles	ST3T_Int	Number of bundles that were ejected at a loading ramp
palletizedBundles	ST3T_Int	Number of bundles that were processed via a palettizer
RealDeliveringStart	ST3T_Datetime	Time of delivery start (first bundle at the loading ramp)
RealDeliveringEnd	ST3T_Datetime	Time of delivery end (last bundle at the loading ramp)
State	ST3T_ShortLabel	Status of the production section
ManualLoadedKeyBundles	ST3T_Int	Manually processed odd bundles
ManualLoadedStandardBundles	ST3T_Int	Manually processed standard bundles
WasteBundles	ST3T_Int	Lost bundles
WasteCopies	ST3T_Int	Lost copies
PlannedRamp	ST3T_Label	Planned loading ramp

Table 185: Structure of table ST3MAIE_RouteData

9.1.21 ST3MAIE_RouteUnit

This table contains all the data of the route units.

Column name	Data type	Description
RouteUnitID	ST3T_ID	Unique ID for the entity
RouteID	ST3T_ID	Unique reference to the route
LoadID	ST3T_ID	Unique reference to the load
RouteUnitIdentity	ST3T_GUID	Unique route unit ID.
Label	ST3T_Label	Route unit label
DateOfIssue	ST3T_Datetime	Date of issue
PublicationLabel	ST3T_Label	Publication label
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditionLabel	ST3T_Label	Regionalised edition label
EditionShortLabel	ST3T_Label	Short label of regionalised edition
RouteLabel	ST3T_Label	Route label
Modules	ST3T_ShortLabel	Label of the production line
Sequence	ST3T_Int	Position of the route unit within the route (sequence).
OriginCopies	ST3T_Int	Number of originally planned copies per load.
PlannedCopies	ST3T_Int	Number of planned copies of the route unit.
ProducedCopies	ST3T_Int	Number of produced copies of the route unit.
ManualCopies	ST3T_Int	Number of manually produced copies of the route unit.
SorterCopies	ST3T_Int	Number of copies delivered by the outlet belt.
BoxoutCopies	ST3T_Int	Number of produced copies additionally produced due to boxout reasons.
StandardBundlesProd	ST3T_Int	Number of automatically produced standard bundles in the route unit.

Table 186: Structure of table ST3MAIE_RouteUnit



Column name	Data type	Description
StandardBundlesHand	ST3T_Int	Number of manually produced standard bundles in the route unit.
StandardBundlesSorter	ST3T_Int	Total number of produced standard bundles in the route unit.
StandardBundlesPalletizer	ST3T_Int	Number of produced standard bundles of the route unit on pallet.
BalancedBundlesProd	ST3T_Int	Total number of automatically produced odd bundles in the route unit.
BalancedBundlesHand	ST3T_Int	Total number of manually produced odd bundles in the route unit.
BalancedBundlesSorter	ST3T_Int	Total number of produced odd bundles in the route unit.
BalancedBundlesPalletizer	ST3T_Int	Number of produced odd bundles of the route unit on pallet.
PlannedStart	ST3T_Datetime	Planned start of the route unit.
PlannedEnd	ST3T_Datetime	Planned end of the route unit.
RealStart	ST3T_Datetime	Actual start of the route unit. Earliest RealStart from the bundle.
RealEnd	ST3T_Datetime	Actual end of the route unit. Latest RealEnd from the bundles.
Addressed	ST3T_Int	Number of individually addressed copies.
AddrProduced	ST3T_Int	Number of copies produced with address
StdSize	ST3T_Int	Number of copies per standard bundle (standard size).
CoveredInsertsCount	ST3T_Int	Number of required insert products
Remark	ST3T_Comment	Comment in V.I.P. statistic
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter ⇒ 3.3 .
State	ST3T_Int	Status of entity as defined in the mailroom system. A list of the possible values can be found in Chapter ⇒ 3.11 .

Table 186: Structure of table ST3MAIE_RouteUnit

9.1.22 ST3MAIE_RouteUnitData

A route unit can be produced on different lines, or interrupted by other productions. In this table, one data record is stored for each production section of a route unit.

This table is filled only in connection with PrimeTrack-Interface PostPress Track R2.1.0 Rev.B.

Column name	Data type	Description
RouteUnitDataID	ST3T_ID	Production section ID
RouteUnitID	ST3T_ID	RouteUnit ID
InsertJobID	ST3T_ID	ID of the inserter job to which this RouteUnit belongs.
LineID	ST3T_Label	ID/name of line used for production
RealStart	ST3T_Datetime	Time of production start
RealEnd	ST3T_Datetime	Time of production end

Table 187: Structure of table ST3MAIE_RouteUnitData



Column name	Data type	Description
ProducedCopies	ST3T_Int	Number of copies produced
ProducedBundles	ST3T_Int	Number of bundles produced
StandardBundles	ST3T_Int	Standard bundle size
NumberOfStacks	ST3T_Int	Number of layers in the bundle
MaximumBundle	ST3T_Int	Maximum bundle size

Table 187: Structure of table ST3MAIE_RouteUnitData

9.1.23 ST3MAIE_StopCheckReason

This table contains the different reasons for a stop during production. Only reasons that occurred at least once during production are listed.

This table is filled only in connection with PrimeTrack-Interface PostPress Track R2.1.0 Rev.B.

Column name	Data type	Description
StopCheckReasonID	ST3T_ID	Stop reason ID
StopReason	ST3T_Label	Label of the stop reason
Count	ST3T_Int	Number of stops with this reason
Duration	ST3T_Int	Total duration of delay caused by this reason in seconds [s]

Table 188: Structure of table ST3MAIE_StopCheckReason

9.1.24 ST3MAIE_Title

This table contains all the data of a title ("daily order" in **V.I.P.**).

Column name	Data type	Description
TitleID	ST3T_ID	Unique ID for the title.
TitleIdentity	ST3T_GUID	Unique title ID.
Label	ST3T_Label	Title name.
DispoOrderID	ST3T_ID	Daily order ID in the VDI area
DateOfIssue	ST3T_Datetime	Date of issue.
PublicationLabel	ST3T_Label	Publication label.
PublicationShortLabel	ST3T_ShortLabel	Publication short label.
DistributionProductCount	ST3T_Int	Number of planned distribution products of the daily order
RouteCount	ST3T_Int	Number of title routes.
RouteUnitCount	ST3T_Int	Number of route units of the title. This is determined from the quantity of allocated route units.
PageNo	ST3T_Int	Number of pages per title copy.
Addressed	ST3T_Int	Number of individually addressed copies for the entire title.
Revision	ST3T_Int	Number of completed title updates.
OriginCopies	ST3T_Int	Number of originally planned copies per load.
PlannedCopies	ST3T_Int	Number of planned copies of the title.

Table 189: Structure of table ST3MAIE_Title



Column name	Data type	Description
ProducedCopies	ST3T_Int	Number of produced copies of the title.
ManualCopies	ST3T_Int	Number of manually produced copies of the title.
SorterCopies	ST3T_Int	Number of copies delivered by the outlet belt.
StandardBundlesProd	ST3T_Int	Number of automatically produced standard bundles of the title.
StandardBundlesHand	ST3T_Int	Number of manually produced standard bundles of the title.
StandardBundlesSorter	ST3T_Int	Total number of manually produced standard bundles of the title.
StandardBundlesPalletizer	ST3T_Int	Number of produced standard bundles of the title on pallet.
BalancedBundlesProd	ST3T_Int	Number of automatically produced odd bundles of the title.
BalancedBundlesHand	ST3T_Int	Number of manually produced odd bundles of the title.
BalancedBundlesSorter	ST3T_Int	Total number of produced odd bundles of the title.
BalancedBundlesPalletizer	ST3T_Int	Number of produced odd bundles of the title on pallet.
PlannedStart	ST3T_Datetime	Planned start of the title
PlannedEnd	ST3T_Datetime	Planned end of the title
RealStart	ST3T_Datetime	Actual start of the title. Earliest RealStart from DistributionProduct.
RealEnd	ST3T_Datetime	Actual end of the title. Latest RealEnd from DistributionProduct.
Remark	ST3T_Comment	Comment in V.I.P. statistic
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter ⇒ 3.3 .
State	ST3T_Int	Status of entity as defined in the mailroom system. A list of the possible values can be found in Chapter ⇒ 3.11 .
Registered	ST3T_Datetime	Registration time of the title.
Modified	ST3T_Datetime	Time of the last change to the title.
LastUpdate	ST3T_Datetime	Time of last change

Table 189: Structure of table ST3MAIE_Title

10 Database module "Manual Data Capture"

The Manual Data Capture area belonging to the **V.I.P. statistic** database contains tables in which data from manual product data acquisition is mapped.

10.1 Long-term area: Tables

This area is filled by internal processes with information from the online tables.



External processes only have read access to this table.

Table name	Description
ST3MDCE_Production	Planned productions with reference to the work step
ST3MDCE_Route	Contains the list of routes with partial information (reference to the production)
ST3MDCE_Employee	List with partial information on the employees
ST3MDCE_Message	List of error messages from V.I.P. dispo/Rpl , with reference to the production/the work step or created in V.I.P. statistic .

Table 190: Module "PostPress Mailing", long-term area "Tables"

10.1.1 ST3MDCE_Production

This table contains all the data of the planned productions with reference to the work step.

Column name	Data type	Description
ProductionID	ST3T_ID	Internal production ID (unique key).
Label	ST3T_Label	Message label
PublicationLabel	ST3T_Label	Publication label.
EditionGroupLabel	ST3T_Label	Edition group label
PartProductLabel	ST3T_Label	Partial product label
PublicationShortLabel	ST3T_ShortLabel	Publication short label.
EditionGroupShortLabel	ST3T_ShortLabel	Edition group short label
PartProductShortLabel	ST3T_ShortLabel	Partial product short label
DateOfIssue	ST3T_Datetime	Date of issue
ProductionDate	ST3T_Datetime	Production date
PlannedProductionStart	ST3T_Datetime	Planned production start
PlannedProductionEnd	ST3T_Datetime	Planned production end

Table 191: Structure of table ST3MDCE_Production



Column name	Data type	Description
PlannedRunStart	ST3T_Datetime	Planned run start
PlannedRunEnd	ST3T_Datetime	Planned run end
RealProductionStart	ST3T_Datetime	Actual production start
RealProductionEnd	ST3T_Datetime	Actual production end
RealRunStart	ST3T_Datetime	Actual run start
RealRunEnd	ST3T_Datetime	Actual run end
Circulation	ST3T_Quantity	Produced quantity (e.g. of plates, printed newspapers, inserted newspapers or manually packaged newspapers)
Waste	ST3T_Quantity	Waste (quantity of unused objects e.g. plates, waste or incorrectly inserted newspapers)
DispoResourceID	ST3T_ID	Resource ID of the machine in V.I.P. dispo.
RessourceTypeID	ST3T_ID	Resource ID of the resource type in V.I.P.
ResourceLabel	ST3T_ResourceLabel	Machine label.
DispoWorkStepID	ST3T_ID	Work step ID in V.I.P. dispo.
WorkStepLabel	ST3T_Label	Work step label
Remark	ST3T_Comment	Comment from V.I.P. dispo.
Delay	ST3T_Int	Waiting time during production (min).
Breaks	ST3T_Int	Breaks during production (min).
Number1	ST3T_Int	In the manual production data acquisition, 5 free text fields and 5 free number fields can be defined for each drive for the extraction of customer-specific information. Only fields that have been defined for content will appear on the screen.
Number2	ST3T_Int	
Number3	ST3T_Int	
Number4	ST3T_Int	
Number5	ST3T_Int	
Text1	ST3T_Label	
Text2	ST3T_Label	
Text3	ST3T_Label	
Text4	ST3T_Label	
Text5	ST3T_Label	
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
LastUpdate	ST3T_Datetime	Time when the data was last changed.
Date1	ST3T_Datetime	In the manual production data acquisition, 5 free date fields can be defined for each drive for the extraction of customer-specific information. Only fields that have been defined for content will appear on the screen.
Date2	ST3T_Datetime	
Date3	ST3T_Datetime	
Date4	ST3T_Datetime	
Date5	ST3T_Datetime	
WorkflowState	ST3T_ProcessingCode	Extended status information for quality.
DispoProductionID	ST3T_ID	Production ID in V.I.P. dispo.

Table 191: Structure of table ST3MDCE_Production

10.1.2 ST3MDCE_Route

The table contains data with partial information on the routes with reference to the production.



Column name	Data type	Description
DispoRouteID	ST3T_ID	Unique ID for the entity
ProductionID	ST3T_ID	Production ID, specifies the reference of the route to the production.
Label	ST3T_Label	Route label
Circulation	ST3T_Quantity	Circulation of the route which was defined in V.I.P. dispo.
PlannedStart	ST3T_Datetime	Planned start of the route.
PlannedEnd	ST3T_Datetime	Planned end of the route.
RealStart	ST3T_Datetime	Actual start of the route. Earliest RealStart from the route units.
RealEnd	ST3T_Datetime	Actual end of the route. Latest RealEnd from the route units.
Comment	ST3T_Comment	Comment on the production of the route.
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
LastUpdate	ST3T_Datetime	Time of the last change.

Table 192: Structure of table ST3MDCE_Route

10.1.3 ST3MDCE_Employee

The table contains data with partial information on the employees.

Column name	Data type	Description
DispoEmployeeID	ST3T_ID	Employee ID in V.I.P. dispo.
DispoRoleID	ST3T_ID	Task/function ID in V.I.P. dispo.
ProductionID	ST3T_ID	Production ID, specifies the reference of the employee to the production.
EmployeeFirstName	ST3T_Money	First name of employee.
EmployeeLastName	ST3T_Money	Last name of employee.
RoleLabel	ST3T_Label	Label of the task/function of the employee.
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter 3.3 .
LastUpdate	ST3T_Datetime	Time of the last change.

Table 193: Structure of table ST3MDCE_Employee

10.1.4 ST3MDCE_Message

This table contains data with error messages with reference to the production or the work step.

Column name	Data type	Description
MessageID	ST3T_ID	ID of the message in V.I.P. statistic.
Label	ST3T_Label	Message label
ProductionID	ST3T_ID	Production ID providing reference for the line.
PublicationLabel	ST3T_Label	Publication label.
EditionGroupLabel	ST3T_Label	Edition group label

Table 194: Structure of table ST3MDCE_Message



Column name	Data type	Description
PartProductLabel	ST3T_Label	Partial product label
DateOfIssue	ST3T_Datetime	Date of issue
ProductionDate	ST3T_Datetime	Production date
PublicationShortLabel	ST3T_ShortLabel	Publication short label.
EditionGroupShortLabel	ST3T_ShortLabel	Edition group short label
PartProductShortLabel	ST3T_ShortLabel	Partial product short label
DispoRessourceID	ST3T_ID	Resource ID of the machine in V.I.P. dispo.
RessourceTypeID	ST3T_ID	Resource ID of the resource type in V.I.P.
RessourceLabel	ST3T_Label	Machine label.
DispoWorkStepID	ST3T_ID	Work step ID in V.I.P. dispo.
WorkStepLabel	ST3T_Label	Work step label
CategoryID	ST3T_ID	Category ID (main or subcategory, typing of fault)
FailureStart	ST3T_Datetime	Start of fault
FailureEnd	ST3T_Datetime	End of fault
MessageClassID	ST3T_ID	Message class ID
MessageNumberID	ST3T_Int	Message number ID
MessageText	ST3T_MessageText	Message text
StandStillClass	ST3T_Label	Stand still class (e.g. rotation, mailroom, inserting...)
StandStillTime	ST3T_Int	Stand still time = difference between the start and end of the fault.
StandStillWaste	ST3T_Int	Stand still waste = quantity of unusable objects which accumulated during the fault.
Gross	ST3T_Int	State of the gross counter when the fault occurred.
Net	ST3T_Int	State of the net counter when the fault occurred.
Speed	ST3T_Int	Speed of the production machine when the fault occurred.
Remark	ST3T_Comment	Comment
ChangeStatus	ST3T_ProcessingCode	Data modification status. A list of the possible values can be found in Chapter ⇒ 3.3 .
LasteUpdate	ST3T_Datetime	Time of the last change.
DispoProductionID	ST3T_ID	Production ID from V.I.P. dispo.

Table 194: Structure of table ST3MDCE_Message



11 Database module "Quality"

The quality area of the **V.I.P. statistic** database contains tables that display data on production and product quality.

11.1 Long-term area: Tables

This area is filled by internal processes with information from the online tables.

Table name	Description
ST3QMAE_MainOrder	Contains the main orders from the V.I.P dispo order management for quality evaluation.
ST3QMAE_Order	Contains the daily orders from the V.I.P dispo order management for quality evaluation.
ST3QMAE_Complaint	Contains the complaints.
ST3QMAE_CauseProcess	Contains the possible causes for a complaint.
ST3QMAE_DelayManualDataCapturing	Indicates the delay reasons for the productions that were recorded in the MDC area.
ST3QMAE_DelayPostPressFinishing	Indicates the delay reasons for the productions that were recorded in the finishing area.
ST3QMAE_DelayPostPressMailing	Indicates the delay reasons for the productions that were recorded in the mailing area.
ST3QMAE_DelayPrePressPlate	Indicates the delay reasons for the productions that were recorded in plate production (PrePressPlate).
ST3QMAE_DelayPrePressSeparation	Indicates the delay reasons for the productions that were recorded in plate production in the separations (PrePressSeperation) area.
ST3QMAE_DelayPress	Indicates the delay reasons for the productions that were recorded in rotation.
ST3QMAE_PrintProduct	Contains print product for quality evaluation.
ST3QMAE_Page	Contains the page data of a product from the V.I.P dispo order management for quality evaluation.
ST3QMAE_PrintProductRating	Contains the quality evaluations of the print product.
ST3QMAE_PrintProductRatingDetail	Contains the details (criteria) of the quality evaluation of the print product.
ST3QMAE_PageRating	Contains the quality evaluation of the pages.
ST3QMAE_PageRatingDetail	Contains the details (criteria) of the quality evaluation of the pages.

Table 195: "Quality" module, long-term area: "Tables"



11.1.1 General

11.1.1.1 ST3QMAE_MainOrder

This table contains the main orders from the **V.I.P. dispo** order management for quality evaluation.

Column name	Data type	Description
MainOrderID	ST3T_ID	Main order ID
DispoMainOrderID	ST3T_ID	Main order ID in V.I.P. dispo
MainOrderLabel	ST3T_Label	Main order label
MainOrderNumber	ST3T_Identity	Main order number
CustomerLabel	ST3T_Label	Customer label
CustomerNumber	ST3T_Identity	Customer number
PublicationLabel	ST3T_Label	Publication label
PublicationShortLabel	ST3T_ShortLabel	Publication short label
StartDate	ST3T_Datetime	Main order valid from
EndDate	ST3T_Datetime	Main order valid until
Remark	ST3T_Comment	Comment
LastUpdate	ST3T_Datetime	Last change of main order in V.I.P. dispo

Table 196: Structure of table ST3QMAE_MainOrder

11.1.1.2 ST3QMAE_Order

This table contains the main orders from the **V.I.P. dispo** order management for quality evaluation.

Column name	Data type	Description
OrderID	ST3T_ID	Order ID
MainOrderID	ST3T_ID	ID of the main order the order belongs to
DispoOrderID	ST3T_ID	Order ID in V.I.P. dispo
OrderLabel	ST3T_Label	Order label
PublicationLabel	ST3T_Label	Publication label
PublicationShortLabel	ST3T_ShortLabel	Publication short label
DateOfIssue	ST3T_Datetime	Date of issue
OrderNumber	ST3T_Identity	Order number
Remark	ST3T_Comment	Comment
LastUpdate	ST3T_Datetime	Last change of order in V.I.P. dispo

Table 197: Structure of table ST3QMAE_Order

11.1.2 Complaints

11.1.2.1 ST3QMAE_Complaint

This table contains the complaints.



Column name	Data type	Description
ComplaintID	ST3T_ID	Complaint ID
OrderID	ST3T_ID	Order ID
OrderNumber	ST3T_Identity	Order number
PublicationLabel	ST3T_Label	Publication label
EditionGroupLabel	ST3T_Label	Edition or edition group label
DateOfIssue	ST3T_Datetime	Date of issue
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditiongroupShortLabel	ST3T_ShortLabel	Edition or edition group short label
ProductLabel	ST3T_Label	Product label
OrderManager	ST3T_Label	Employee responsible for this order
CustomerLabel	ST3T_Label	Customer label
CustomerNumber	ST3T_Identity	Customer number
ComplaintAdvisor	ST3T_Label	Employee responsible for the complaint
FinalizedDate	ST3T_Datetime	Date at which the complaint was finalised
ProofAvailable	ST3T_Label	
PrintHouse	ST3T_Label	Name of the print house responsible for the production
ProductionDate	ST3T_Datetime	Production date
Subject	ST3T_Identity	Subject
RecordingPerson	ST3T_Label	Employee who recorded the complaint
RecordingDate	ST3T_Datetime	Timestamp of entry
InvestigationPerson	ST3T_Label	Employee investigating the complaint
InvestigationDate	ST3T_Datetime	Time of investigation
ComplaintType	ST3T_Label	Type of complaint (e.g.: by phone, written, etc.)
ComplaintSource	ST3T_Label	Description of source
NumberOfProofCopies	ST3T_Int	Number of proof copies
ComplaintCopiesType	ST3T_Label	Copy type label e.g.: subscription newspaper; evidence copy
ComplaintDescription	ST3T_LongComment	Additional description of the complaints
DeductionRequested	ST3T_ProcessingCode	Price deduction requested
DeductionRequestedAmount	ST3T_Int	Amount of the requested deduction
DeductionGranted	ST3T_ProcessingCode	Deduction granted
DeductionGrantedAmount	ST3T_Int	Amount of the deduction granted
InvestigationDescription	ST3T_LongComment	Description of the result of the investigation
CausePrintHouse	ST3T_Label	Print house that caused the problem
CauseShift	ST3T_Label	Causing shift
CauseMachine	ST3T_Label	Causing machine
InformationInternalBad	ST3T_Boolean	Error caused by internal communication
InformationExternalBad	ST3T_Boolean	Error caused by external communication
MaterialInternalBad	ST3T_Boolean	Error caused by material defect (internal)
MaterialExternalBad	ST3T_Boolean	Error caused by material defect (external)
PreventionDescription	ST3T_LongComment	Description how the error could have been avoided
MainCategoryLabel	ST3T_Label	Description of main category
SubCategoryLabel	ST3T_Label	Description of subcategory
RespondingPerson	ST3T_Label	Customer contact

Table 198: Structure of table ST3QMAE_Complaint



Column name	Data type	Description
RespondingDate	ST3T_Datetime	Result reported back
RespondingDescription	ST3T_LongComment	Description of the result

Table 198: Structure of table ST3QMAE_Complaint

11.1.2.2 ST3QMAE_CauseProcess

This table contains the possible causes of a complaint.

Column name	Data type	Description
CauseProcessID	ST3T_ID	Cause ID
ComplaintID	ST3T_ID	Complaint ID
CauseProcessLabel	ST3T_Label	Cause description text

Table 199: Structure of table ST3QMAE_CauseProcess

11.1.3 Adherence to schedules

11.1.3.1 ST3QMAE_DelayManualDataCapturing

This table contains the delay reasons for the productions that were recorded in the MDC area.

Column name	Data type	Description
DelayManualData CapturingID	ST3T_ID	Data record ID
OrderID	ST3T_ID	ID of delayed order
PublicationLabel	ST3T_Label	Publication label
EditionGroupLabel	ST3T_Label	Edition or edition group label
PartProductLabel	ST3T_Label	Partial product identification label
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditiongroupShortLabel	ST3T_ShortLabel	Edition or edition group short label
PartProductShortLabel	ST3T_ShortLabel	Partial product identification short label
DateOfIssue	ST3T_Datetime	Date of issue
Machine	ST3T_Label	Machine used for production
PlannedStart	ST3T_Datetime	Planned start time
PlannedEnd	ST3T_Datetime	Planned end time
PlannedEndTrouble	ST3T_Datetime	Planned end time under consideration of fault
PlannedProcess	ST3T_Int	Planned duration in minutes
RealStart	ST3T_Datetime	Actual start time
RealEnd	ST3T_Datetime	Actual end time
RealProcess	ST3T_Int	Actual duration in minutes
DiffStart	ST3T_Int	Delay of start in minutes
DiffEnd	ST3T_Int	Delay of end in minutes
DiffEndTrouble	ST3T_Int	Delay of end in minutes under consideration of fault
DiffProcess	ST3T_Int	Difference between planned duration and actual duration
ReasonStart	ST3T_Label	Reason for the delay at the start of production

Table 200: Structure of table ST3QMAE_DelayManualDataCapturing



Column name	Data type	Description
ReasonStartShort	ST3T_ShortLabel	Short reference for the delay at the start of production
ReasonStartDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonEnd	ST3T_Label	Reason for the delay during production
ReasonEndShort	ST3T_ShortLabel	Short reference for the delay during production
ReasonEndDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonEndTrouble	ST3T_Label	Reason for the delay during production (without faults)
ReasonEndTroubleShort	ST3T_ShortLabel	Short reference for the delay during production (without faults)
ReasonEndTroubleDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonProcess	ST3T_Label	Reason for the longer production duration
ReasonProcessShort	ST3T_ShortLabel	Short reference for the longer production duration
ReasonProcessDelayColor	ST3T_Color	Colour to illustrate the reason

Table 200: Structure of table ST3QMAE_DelayManualDataCapturing

11.1.3.2 ST3QMAE_DelayPostPressFinishing

This table contains the delay reasons for the productions that were recorded in the Finishing area.

Column name	Data type	Description
DelayPostPressFinishingID	ST3T_ID	Data record ID
OrderID	ST3T_ID	ID of delayed order
PublicationLabel	ST3T_Label	Publication label
EditionGroupLabel	ST3T_Label	Edition or edition group label
PartProductLabel	ST3T_Label	Partial product identification label
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditiongroupShortLabel	ST3T_ShortLabel	Edition or edition group short label
PartProductShortLabel	ST3T_ShortLabel	Partial product identification short label
DateOfIssue	ST3T_Datetime	Date of issue
Machine	ST3T_Label	Machine used for production
PlannedStart	ST3T_Datetime	Planned start time
PlannedEnd	ST3T_Datetime	Planned end time
PlannedEndTrouble	ST3T_Datetime	Planned end time under consideration of fault
PlannedProcess	ST3T_Int	Planned duration in minutes
RealStart	ST3T_Datetime	Actual start time
RealEnd	ST3T_Datetime	Actual end time
RealProcess	ST3T_Int	Actual duration in minutes
DiffStart	ST3T_Int	Delay of start in minutes
DiffEnd	ST3T_Int	Delay of end in minutes
DiffEndTrouble	ST3T_Int	Delay of end in minutes under consideration of fault
DiffProcess	ST3T_Int	Difference between planned duration and actual duration
ReasonStart	ST3T_Label	Reason for the delay at the start of production
ReasonStartShort	ST3T_ShortLabel	Short reference for the delay at the start of production

Table 201: Structure of table ST3QMAE_DelayPostPressFinishing



Column name	Data type	Description
ReasonStartDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonEnd	ST3T_Label	Reason for the delay during production
ReasonEndShort	ST3T_ShortLabel	Short reference for the delay during production
ReasonEndDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonEndTrouble	ST3T_Label	Reason for the delay during production (without faults)
ReasonEndTroubleShort	ST3T_ShortLabel	Short reference for the delay during production (without faults)
ReasonEndTroubleDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonProcess	ST3T_Label	Reason for the longer production duration
ReasonProcessShort	ST3T_ShortLabel	Short reference for the longer production duration
ReasonProcessDelayColor	ST3T_Color	Colour to illustrate the reason

Table 201: Structure of table ST3QMAE_DelayPostPressFinishing

11.1.3.3 ST3QMAE_DelayPostPressMailing

This table contains the delay reasons for the productions that were recorded in the mailing area.

Column name	Data type	Description
DelayPostPressMailingID	ST3T_ID	Data record ID
OrderID	ST3T_ID	ID of delayed order
PublicationLabel	ST3T_Label	Publication label
EditionGroupLabel	ST3T_Label	Edition or edition group label
PartProductLabel	ST3T_Label	Partial product identification label
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditiongroupShortLabel	ST3T_ShortLabel	Edition or edition group short label
PartProductShortLabel	ST3T_ShortLabel	Partial product identification short label
DateOfIssue	ST3T_Datetime	Date of issue
Machine	ST3T_Label	Machine used for production
PlannedStart	ST3T_Datetime	Planned start time
PlannedEnd	ST3T_Datetime	Planned end time
PlannedEndTrouble	ST3T_Datetime	Planned end time under consideration of fault
PlannedProcess	ST3T_Int	Planned duration in minutes
RealStart	ST3T_Datetime	Actual start time
RealEnd	ST3T_Datetime	Actual end time
RealProcess	ST3T_Int	Actual duration in minutes
DiffStart	ST3T_Int	Delay of start in minutes
DiffEnd	ST3T_Int	Delay of end in minutes
DiffEndTrouble	ST3T_Int	Delay of end in minutes under consideration of fault
DiffProcess	ST3T_Int	Difference between planned duration and actual duration
ReasonStart	ST3T_Label	Reason for the delay at the start of production
ReasonStartShort	ST3T_ShortLabel	Short reference for the delay at the start of production
ReasonStartDelayColor	ST3T_Color	Colour to illustrate the reason

Table 202: Structure of table ST3QMAE_DelayPostPressMailing



Column name	Data type	Description
ReasonEnd	ST3T_Label	Reason for the delay during production
ReasonEndShort	ST3T_ShortLabel	Short reference for the delay during production
ReasonEndDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonEndTrouble	ST3T_Label	Reason for the delay during production (without faults)
ReasonEndTroubleShort	ST3T_ShortLabel	Short reference for the delay during production (without faults)
ReasonEndTroubleDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonProcess	ST3T_Label	Reason for the longer production duration
ReasonProcessShort	ST3T_ShortLabel	Short reference for the longer production duration
ReasonProcessDelayColor	ST3T_Color	Colour to illustrate the reason

Table 202: Structure of table ST3QMAE_DelayPostPressMailing

11.1.3.4 ST3QMAE_DelayPrePressPlate

This table indicates the delay reasons for the productions that were recorded in plate production (PrePressPlate).

Column name	Data type	Description
DelayPrePressPlateID	ST3T_ID	Data record ID
OrderID	ST3T_ID	ID of delayed order
PublicationLabel	ST3T_Label	Publication label
EditionGroupLabel	ST3T_Label	Edition or edition group label
PartProductLabel	ST3T_Label	Partial product identification label
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditiongroupShortLabel	ST3T_ShortLabel	Edition or edition group short label
PartProductShortLabel	ST3T_ShortLabel	Partial product identification short label
DateOfIssue	ST3T_Datetime	Date of issue
Machine	ST3T_Label	Machine used for production
PlannedStart	ST3T_Datetime	Planned start time
PlannedEnd	ST3T_Datetime	Planned end time
PlannedEndTrouble	ST3T_Datetime	Planned end time under consideration of fault
PlannedProcess	ST3T_Int	Planned duration in minutes
RealStart	ST3T_Datetime	Actual start time
RealEnd	ST3T_Datetime	Actual end time
RealProcess	ST3T_Int	Actual duration in minutes
DiffStart	ST3T_Int	Delay of start in minutes
DiffEnd	ST3T_Int	Delay of end in minutes
DiffEndTrouble	ST3T_Int	Delay of end in minutes under consideration of fault
DiffProcess	ST3T_Int	Difference between planned duration and actual duration
ReasonStart	ST3T_Label	Reason for the delay at the start of production
ReasonStartShort	ST3T_ShortLabel	Short reference for the delay at the start of production
ReasonStartDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonEnd	ST3T_Label	Reason for the delay during production

Table 203: Structure of table ST3QMAE_DelayPrePressPlate



Column name	Data type	Description
ReasonEndShort	ST3T_ShortLabel	Short reference for the delay during production
ReasonEndDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonEndTrouble	ST3T_Label	Reason for the delay during production (without faults)
ReasonEndTroubleShort	ST3T_ShortLabel	Short reference for the delay during production (without faults)
ReasonEndTroubleDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonProcess	ST3T_Label	Reason for the longer production duration
ReasonProcessShort	ST3T_ShortLabel	Short reference for the longer production duration
ReasonProcessDelayColor	ST3T_Color	Colour to illustrate the reason

Table 203: Structure of table ST3QMAE_DelayPrePressPlate

11.1.3.5 ST3QMAE_DelayPrePressSeparation

This table indicates the delay reasons for the productions that were recorded in plate production in the separations (PrePressSeperation) area.

Column name	Data type	Description
DelayPrePressSeparationID	ST3T_ID	Data record ID
OrderID	ST3T_ID	ID of delayed order
PublicationLabel	ST3T_Label	Publication label
EditionGroupLabel	ST3T_Label	Edition or edition group label
PartProductLabel	ST3T_Label	Partial product identification label
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditiongroupShortLabel	ST3T_ShortLabel	Edition or edition group short label
PartProductShortLabel	ST3T_ShortLabel	Partial product identification short label
DateOfIssue	ST3T_Datetime	Date of issue
Machine	ST3T_Label	Machine used for production
PlannedStart	ST3T_Datetime	Planned start time
PlannedEnd	ST3T_Datetime	Planned end time
PlannedEndTrouble	ST3T_Datetime	Planned end time under consideration of fault
PlannedProcess	ST3T_Int	Planned duration in minutes
RealStart	ST3T_Datetime	Actual start time
RealEnd	ST3T_Datetime	Actual end time
RealProcess	ST3T_Int	Actual duration in minutes
DiffStart	ST3T_Int	Delay of start in minutes
DiffEnd	ST3T_Int	Delay of end in minutes
DiffEndTrouble	ST3T_Int	Delay of end in minutes under consideration of fault
DiffProcess	ST3T_Int	Difference between planned duration and actual duration
ReasonStart	ST3T_Label	Reason for the delay at the start of production
ReasonStartShort	ST3T_ShortLabel	Short reference for the delay at the start of production
ReasonStartDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonEnd	ST3T_Label	Reason for the delay during production
ReasonEndShort	ST3T_ShortLabel	Short reference for the delay during production

Table 204: Structure of table ST3QMAE_DelayPrePressSeparation



Column name	Data type	Description
ReasonEndDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonEndTrouble	ST3T_Label	Reason for the delay during production (without faults)
ReasonEndTroubleShort	ST3T_ShortLabel	Short reference for the delay during production (without faults)
ReasonEndTroubleDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonProcess	ST3T_Label	Reason for the longer production duration
ReasonProcessShort	ST3T_ShortLabel	Short reference for the longer production duration
ReasonProcessDelayColor	ST3T_Color	Colour to illustrate the reason

Table 204: Structure of table ST3QMAE_DelayPrePressSeparation

11.1.3.6 ST3QMAE_DelayPress

This table contains the delay reasons for the productions that were recorded in the rotation area.

Column name	Data type	Description
DelayPressID	ST3T_ID	Data record ID
OrderID	ST3T_ID	ID of delayed order
PublicationLabel	ST3T_Label	Publication label
EditionGroupLabel	ST3T_Label	Edition or edition group label
PartProductLabel	ST3T_Label	Partial product identification label
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditiongroupShortLabel	ST3T_ShortLabel	Edition or edition group short label
PartProductShortLabel	ST3T_ShortLabel	Partial product identification short label
DateOfIssue	ST3T_Datetime	Date of issue
Machine	ST3T_Label	Machine used for production
PlannedStart	ST3T_Datetime	Planned start time
PlannedEnd	ST3T_Datetime	Planned end time
PlannedEndTrouble	ST3T_Datetime	Planned end time under consideration of fault
PlannedProcess	ST3T_Int	Planned duration in minutes
RealStart	ST3T_Datetime	Actual start time
RealEnd	ST3T_Datetime	Actual end time
RealProcess	ST3T_Int	Actual duration in minutes
DiffStart	ST3T_Int	Delay of start in minutes
DiffEnd	ST3T_Int	Delay of end in minutes
DiffEndTrouble	ST3T_Int	Delay of end in minutes under consideration of fault
DiffProcess	ST3T_Int	Difference between planned duration and actual duration
ReasonStart	ST3T_Label	Reason for the delay at the start of production
ReasonStartShort	ST3T_ShortLabel	Short reference for the delay at the start of production
ReasonStartDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonEnd	ST3T_Label	Reason for the delay during production
ReasonEndShort	ST3T_ShortLabel	Short reference for the delay during production
ReasonEndDelayColor	ST3T_Color	Colour to illustrate the reason

Table 205: Structure of table ST3QMAE_DelayPress



Column name	Data type	Description
ReasonEndTrouble	ST3T_Label	Reason for the delay during production (without faults)
ReasonEndTroubleShort	ST3T_ShortLabel	Short reference for the delay during production (without faults)
ReasonEndTroubleDelayColor	ST3T_Color	Colour to illustrate the reason
ReasonProcess	ST3T_Label	Reason for the longer production duration
ReasonProcessShort	ST3T_ShortLabel	Short reference for the longer production duration
ReasonProcessDelayColor	ST3T_Color	Colour to illustrate the reason

Table 205: Structure of table ST3QMAE_DelayPress

11.1.4 Quality

11.1.4.1 ST3QMAE_PrintProduct

This table contains the print product for the quality evaluation.

Column name	Data type	Description
PrintProductID	ST3T_ID	Print product ID
OrderID	ST3T_ID	ID of the order the print product belongs to
DispoProductID	ST3T_ID	Print product ID in V.I.P. dispo
PrintProductLabel	ST3T_Label	Print product label
PublicationLabel	ST3T_Label	Publication label
EditionGroupLabel	ST3T_Label	Edition or edition group label
PartProductLabel	ST3T_Label	Partial product identification label
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditiongroupShortLabel	ST3T_ShortLabel	Edition or edition group short label
PartProductShortLabel	ST3T_ShortLabel	Partial product identification short label
DateOfIssue	ST3T_Datetime	Date of issue
Bookstructure	ST3T_Label	Book structure of the product
PageCount	ST3T_Int	Number of pages in the product
BroadsheetPages	ST3T_Int	Number of pages in broadsheet units
FormatLabel	ST3T_Label	Label of the used format
Remark	ST3T_Comment	Comment

Table 206: Structure of table ST3QMAE_PrintProduct

11.1.4.2 ST3QMAE_Page

This table contains the page data of a product from the **V.I.P dispo** order management for quality evaluation.

Column name	Data type	Description
PageID	ST3T_ID	Page ID
PrintProductID	ST3T_ID	ID of the print product the page belongs to
PageNumber	ST3T_Int	Page number
ColourCount	ST3T_Int	Page colour
PageTitle	ST3T_Label	Title of the page

Table 207: Structure of table ST3QMAE_Page



Column name	Data type	Description
Pagination	ST3T_Identity	Page number (paging)
Size	ST3T_Label	Page format B = Broadsheet T = Tabloid P = Double-track

Table 207: Structure of table ST3QMAE_Page

11.1.4.3 ST3QMAE_PrintProductRating

This table contains the quality evaluations of the print product.

Column name	Data type	Description
PrintProductRatingID	ST3T_ID	Evaluation ID
PrintProductID	ST3T_ID	Print product ID
RatingCount	ST3T_Int	Number of evaluations
PrintHouse	ST3T_Label	Print house at which the print product was produced
FolderLabel	ST3T_Label	Machine on which the print product was produced
Shift	ST3T_Label	Shift that produced the print product
NewspaperType	ST3T_Label	Sample type e.g.: start-up, evidence copies, etc.
RegistrationTimeStamp	ST3T_Datetime	Timestamp of entry
RegistrationCounter	ST3T_Int	Counter reading at the time of registration
ProductScore	ST3T_Float	Score reached by the print product
PageScoreRough	ST3T_Float	Score reached by page evaluation (rough)
PageScoreDetail	ST3T_Float	Score reached by page evaluation (detailed)
QualityScore	ST3T_Float	Overall evaluation calculated from score
Remark	ST3T_Comment	Comment

Table 208: Structure of table ST3QMAE_PrintProductRating

11.1.4.4 ST3QMAE_PrintProductRatingDetail

This table contains the details (criteria) of the quality evaluation of the print product.

Column name	Data type	Description
PrintProductRatingDetailID	ST3T_ID	Criterion ID
PrintProductRatingID	ST3T_ID	Evaluation ID
CriterionLabel	ST3T_Label	Label of criterion
CriterionValueLabel	ST3T_Label	Label of the criterion value
Score	ST3T_Float	Score reached

Table 209: Structure of table ST3QMAE_PrintProductRatingDetail

11.1.4.5 ST3QMAE_PageRating

This table contains the quality evaluation of the pages.

Column name	Data type	Description
PageRatingID	ST3T_ID	Evaluation ID

Table 210: Structure of table ST3QMAE_PageRating



Column name	Data type	Description
PageID	ST3T_ID	Page ID
PrintProductRatingID	ST3T_ID	Product evaluation ID
MaxScore	ST3T_Float	Maximum possible score
Score	ST3T_Float	Score reached

Table 210: Structure of table ST3QMAE_PageRating

11.1.4.6 ST3QMAE_PageRatingDetail

This table contains the details (criteria) of the quality evaluation of the pages.

Column name	Data type	Description
PageRatingDetailID	ST3T_ID	Criterion ID
PageRatingID	ST3T_ID	Evaluation ID
CriterionLabel	ST3T_Label	Label of criterion
Score	ST3T_Float	Score reached

Table 211: Structure of table ST3QMAE_PageRatingDetail



11.2 Long-term area: Views

Table name	Description
ST3QMAV_PageRating	Contains the quality evaluation of the pages of the print product with all detail values in one row.
ST3QMAV_PrintProductRating	Contains the quality evaluation of the print product with all detail values in one row.

Table 212: "Quality" module, long-term area: "Views"

11.2.1 ST3QMAV_PageRating

This table contains the quality evaluation of the pages of the print product with all detail values in one row.

Column name	Data type	Description
PageRatingID	ST3T_ID	Evaluation ID
PrintProductRatingID	ST3T_ID	Print product evaluation ID
Pagination	ST3T_Identity	Page number (paging)
PageNumber	ST3T_Int	Page number
PageTitle	ST3T_Label	Title of the page
Size	ST3T_Label	Page format B = Broadsheet T = Tabloid P = Double-track
ColourCount	ST3T_Int	Page colour
MaxScore	ST3T_Float	Maximum possible score
Score	ST3T_Float	Score reached
CRITERIONLABEL1	ST3T_Label	Label of criterion
SCORE1	ST3T_Float	Score reached
CRITERIONLABEL2	ST3T_Label	Label of criterion
SCORE2	ST3T_Float	Score reached
CRITERIONLABEL3	ST3T_Label	Label of criterion
SCORE3	ST3T_Float	Score reached
CRITERIONLABEL4	ST3T_Label	Label of criterion
SCORE4	ST3T_Float	Score reached
CRITERIONLABEL5	ST3T_Label	Label of criterion
SCORE5	ST3T_Float	Score reached
CRITERIONLABEL6	ST3T_Label	Label of criterion
SCORE6	ST3T_Float	Score reached
CRITERIONLABEL7	ST3T_Label	Label of criterion
SCORE7	ST3T_Float	Score reached
CRITERIONLABEL8	ST3T_Label	Label of criterion
SCORE8	ST3T_Float	Score reached
CRITERIONLABEL9	ST3T_Label	Label of criterion
SCORE9	ST3T_Float	Score reached

Table 213: Structure of table ST3QMAV_PageRating



Column name	Data type	Description
CRITERIONLABEL10	ST3T_Label	Label of criterion
SCORE10	ST3T_Float	Score reached
CRITERIONLABEL11	ST3T_Label	Label of criterion
SCORE11	ST3T_Float	Score reached
CRITERIONLABEL12	ST3T_Label	Label of criterion
SCORE12	ST3T_Float	Score reached
CRITERIONLABEL13	ST3T_Label	Label of criterion
SCORE13	ST3T_Float	Score reached
CRITERIONLABEL14	ST3T_Label	Label of criterion
SCORE14	ST3T_Float	Score reached
CRITERIONLABEL15	ST3T_Label	Label of criterion
SCORE15	ST3T_Float	Score reached
CRITERIONLABEL16	ST3T_Label	Label of criterion
SCORE16	ST3T_Float	Score reached
CRITERIONLABEL17	ST3T_Label	Label of criterion
SCORE17	ST3T_Float	Score reached
CRITERIONLABEL18	ST3T_Label	Label of criterion
SCORE18	ST3T_Float	Score reached
CRITERIONLABEL19	ST3T_Label	Label of criterion
SCORE19	ST3T_Float	Score reached
CRITERIONLABEL20	ST3T_Label	Label of criterion
SCORE20	ST3T_Float	Score reached

Table 213: Structure of table ST3QMAV_PageRating

11.2.2 ST3QMAV_PrintProductRating

This table contains the quality evaluation of the print product with all detail values in one row.

Column name	Data type	Description
PrintProductRatingID	ST3T_ID	Evaluation ID
PrintProductID	ST3T_ID	Print product ID
PrintProductLabel	ST3T_Label	Print product label
PublicationLabel	ST3T_Label	Publication label
EditionGroupLabel	ST3T_Label	Edition or edition group label
PartProductLabel	ST3T_Label	Partial product identification label
DateOfIssue	ST3T_Datetime	Date of issue
PublicationShortLabel	ST3T_ShortLabel	Publication short label
EditiongroupShortLabel	ST3T_ShortLabel	Edition or edition group short label
PartProductShortLabel	ST3T_ShortLabel	Partial product identification short label
Bookstructure	ST3T_Label	Book structure of the product
PageCount	ST3T_Int	Number of pages in the product
BroadsheetPages	ST3T_Int	Number of pages in broadsheet units
FormatLabel	ST3T_Label	Label of the used format

Table 214: Structure of table ST3QMAV_PrintProductRating



Column name	Data type	Description
DispoProductID	ST3T_ID	Print product ID in <i>V.I.P. dispo</i>
RatingCount	ST3T_Int	Number of evaluations
PrintHouse	ST3T_Label	Print house at which the print product was produced
FolderLabel	ST3T_Label	Machine on which the print product was produced
Shift	ST3T_Label	Shift that produced the print product
NewspaperType	ST3T_Label	Sample type e.g.: start-up, evidence copies, etc.
RegistrationTimeStamp	ST3T_Datetime	Timestamp of entry
RegistrationCounter	ST3T_Int	Counter reading at the time of registration
ProductScore	ST3T_Float	Score reached by the print product
PageScoreRough	ST3T_Float	Score reached by page evaluation (rough)
PageScoreDetail	ST3T_Float	Score reached by page evaluation (detailed)
QualityScore	ST3T_Float	Overall evaluation calculated from score
Remark	ST3T_Comment	Comment
CRITERIONLABEL1	ST3T_Label	Label of criterion
SCORE1	ST3T_Float	Score reached
CRITERIONLABEL2	ST3T_Label	Label of criterion
SCORE2	ST3T_Float	Score reached
CRITERIONLABEL3	ST3T_Label	Label of criterion
SCORE3	ST3T_Float	Score reached
CRITERIONLABEL4	ST3T_Label	Label of criterion
SCORE4	ST3T_Float	Score reached
CRITERIONLABEL5	ST3T_Label	Label of criterion
SCORE5	ST3T_Float	Score reached
CRITERIONLABEL6	ST3T_Label	Label of criterion
SCORE6	ST3T_Float	Score reached
CRITERIONLABEL7	ST3T_Label	Label of criterion
SCORE7	ST3T_Float	Score reached
CRITERIONLABEL8	ST3T_Label	Label of criterion
SCORE8	ST3T_Float	Score reached
CRITERIONLABEL9	ST3T_Label	Label of criterion
SCORE9	ST3T_Float	Score reached
CRITERIONLABEL10	ST3T_Label	Label of criterion
SCORE10	ST3T_Float	Score reached
CRITERIONLABEL11	ST3T_Label	Label of criterion
SCORE11	ST3T_Float	Score reached
CRITERIONLABEL12	ST3T_Label	Label of criterion
SCORE12	ST3T_Float	Score reached
CRITERIONLABEL13	ST3T_Label	Label of criterion
SCORE13	ST3T_Float	Score reached
CRITERIONLABEL14	ST3T_Label	Label of criterion
SCORE14	ST3T_Float	Score reached
CRITERIONLABEL15	ST3T_Label	Label of criterion
SCORE15	ST3T_Float	Score reached
CRITERIONLABEL16	ST3T_Label	Label of criterion

Table 214: Structure of table ST3QMAV_PrintProductRating



Column name	Data type	Description
SCORE16	ST3T_Float	Score reached
CRITERIONLABEL17	ST3T_Label	Label of criterion
SCORE17	ST3T_Float	Score reached
CRITERIONLABEL18	ST3T_Label	Label of criterion
SCORE18	ST3T_Float	Score reached
CRITERIONLABEL19	ST3T_Label	Label of criterion
SCORE19	ST3T_Float	Score reached
CRITERIONLABEL20	ST3T_Label	Label of criterion
SCORE20	ST3T_Float	Score reached

Table 214: Structure of table ST3QMAV_PrintProductRating



Appendix A: Data model "General"

A.1 Long-term area: Tables

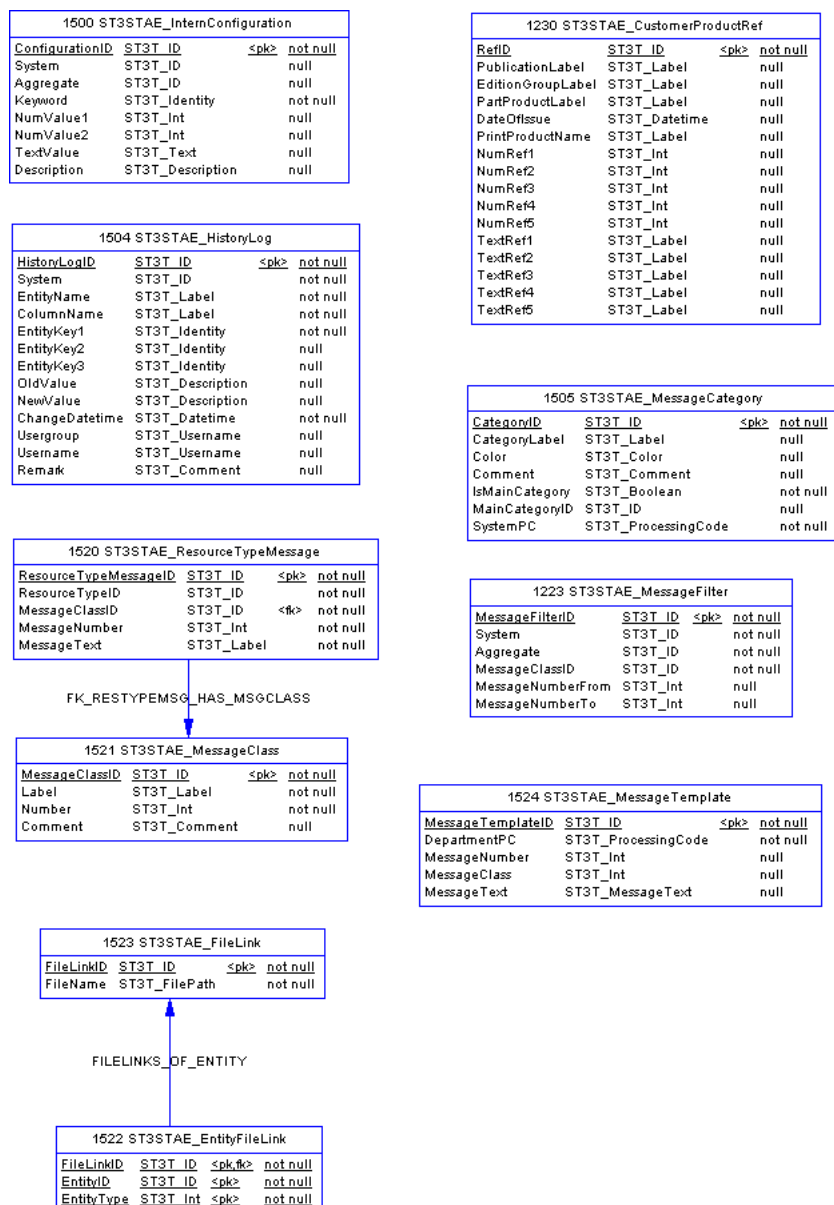


Figure 2: ER diagram module "General" long-term area "Tables"



Appendix B: Data model "Disposition"

The following Entity Relation (ER) Diagram provides an overview of all tables and their relationships. Please print the following pages and stick them together to form a complete picture.

B.1 Long-term area: Tables



Data model "Disposition" Appendix B: Long-term area: Tables

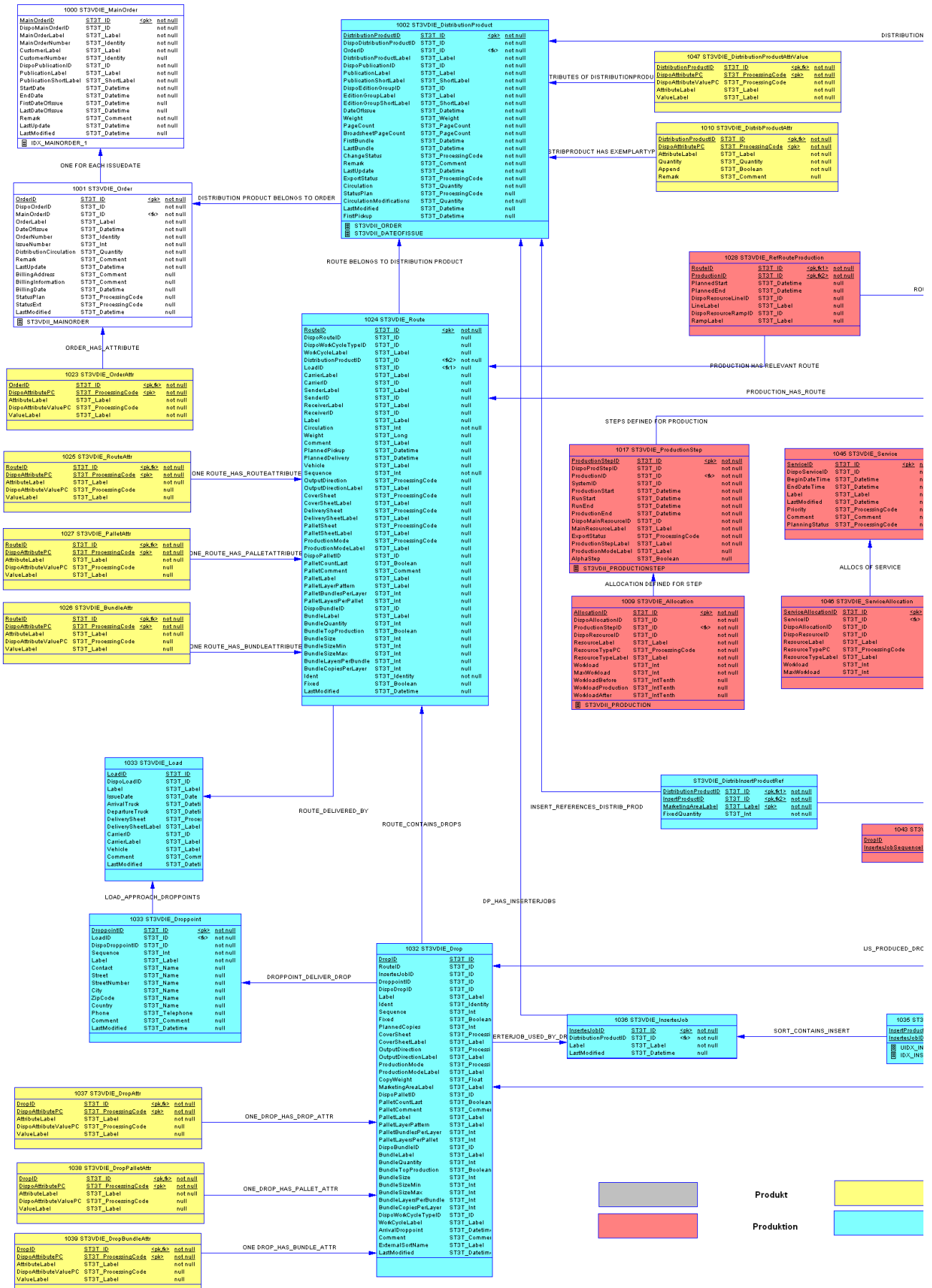
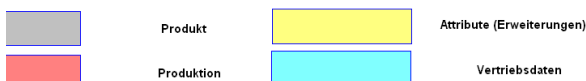
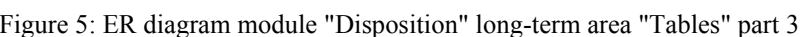


Figure 3: ER diagram module "Disposition" long-term area "Tables" part 1



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B.2 Long-term area: Views

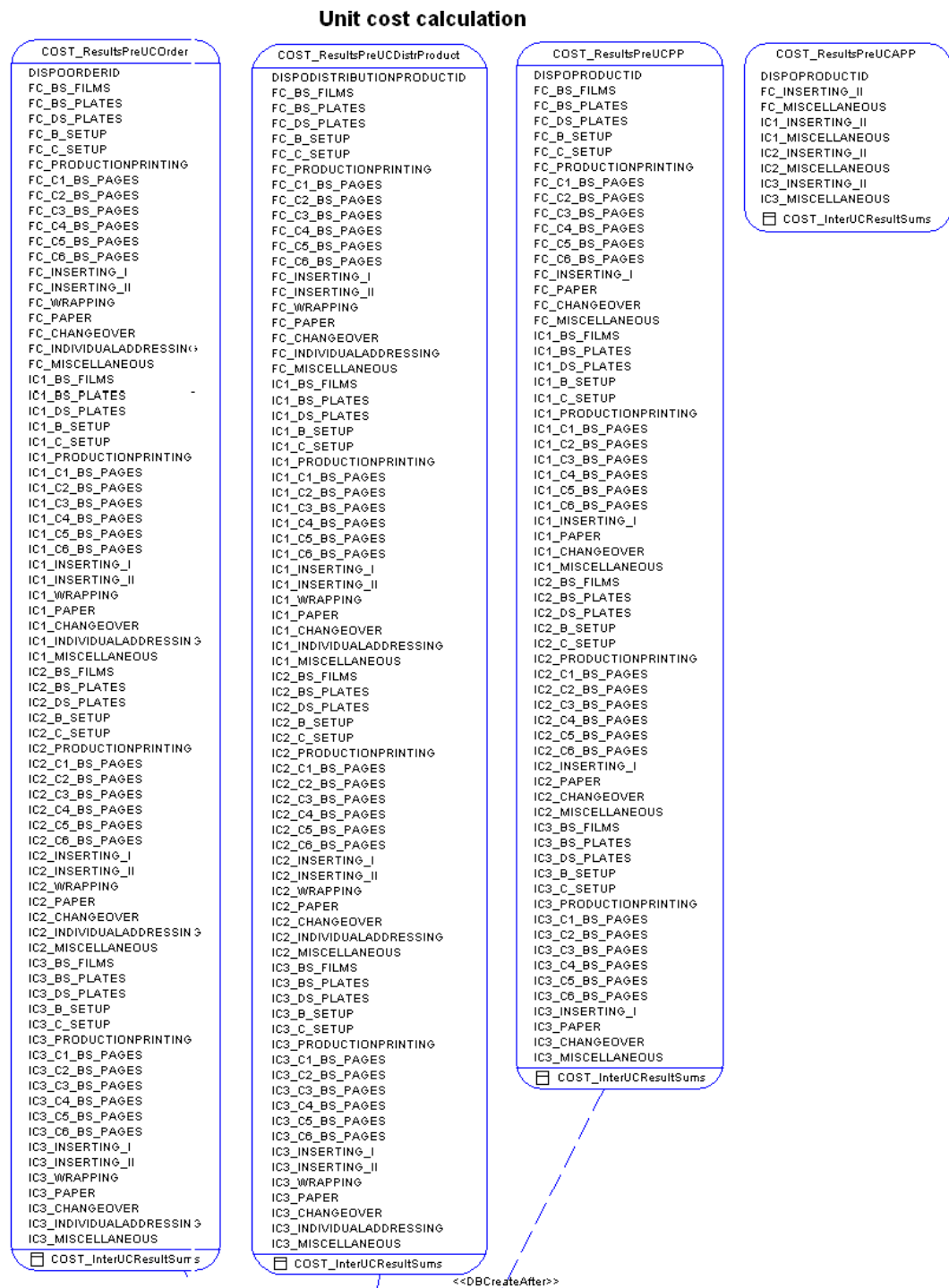


Figure 6: ER diagram module "Disposition" long-term area "Views" part 1

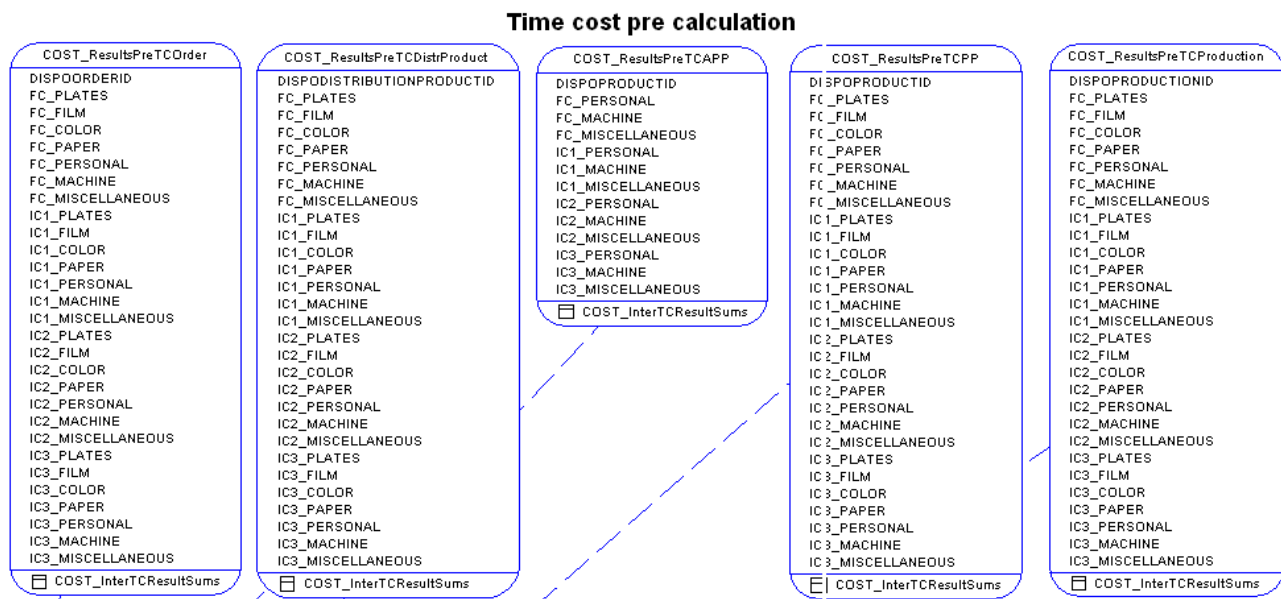


Figure 7: ER diagram module "Disposition" long-term area "Views" part 2

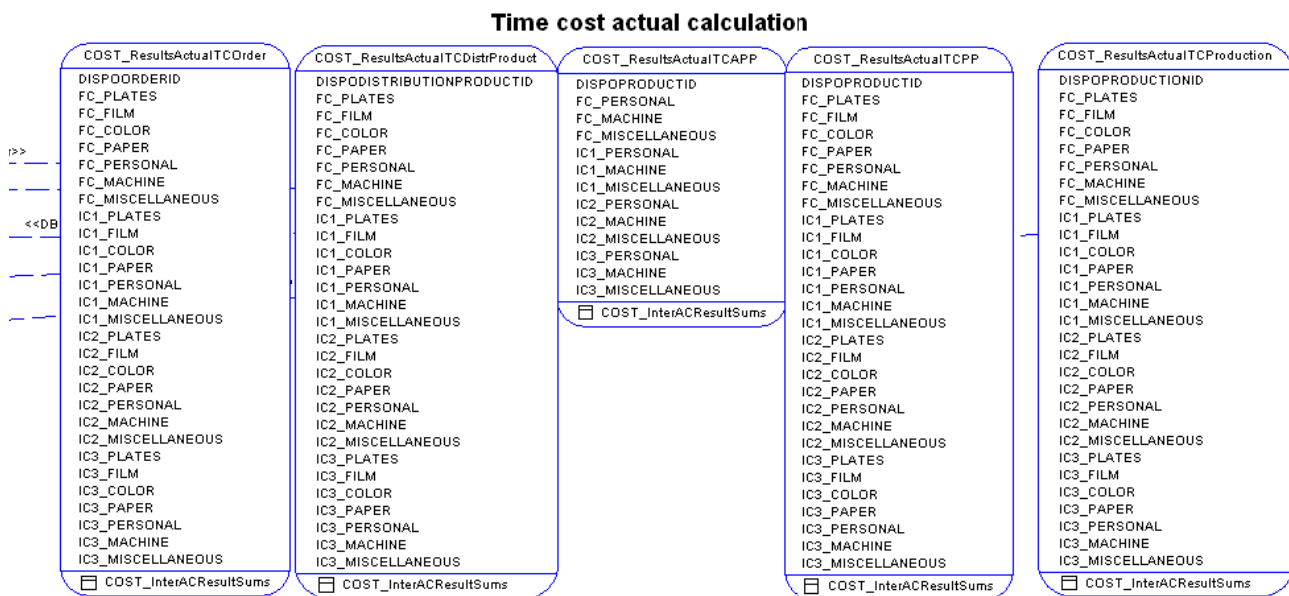


Figure 8: ER diagram module "Disposition" long-term area "Views" part 3



Time cost post calculation

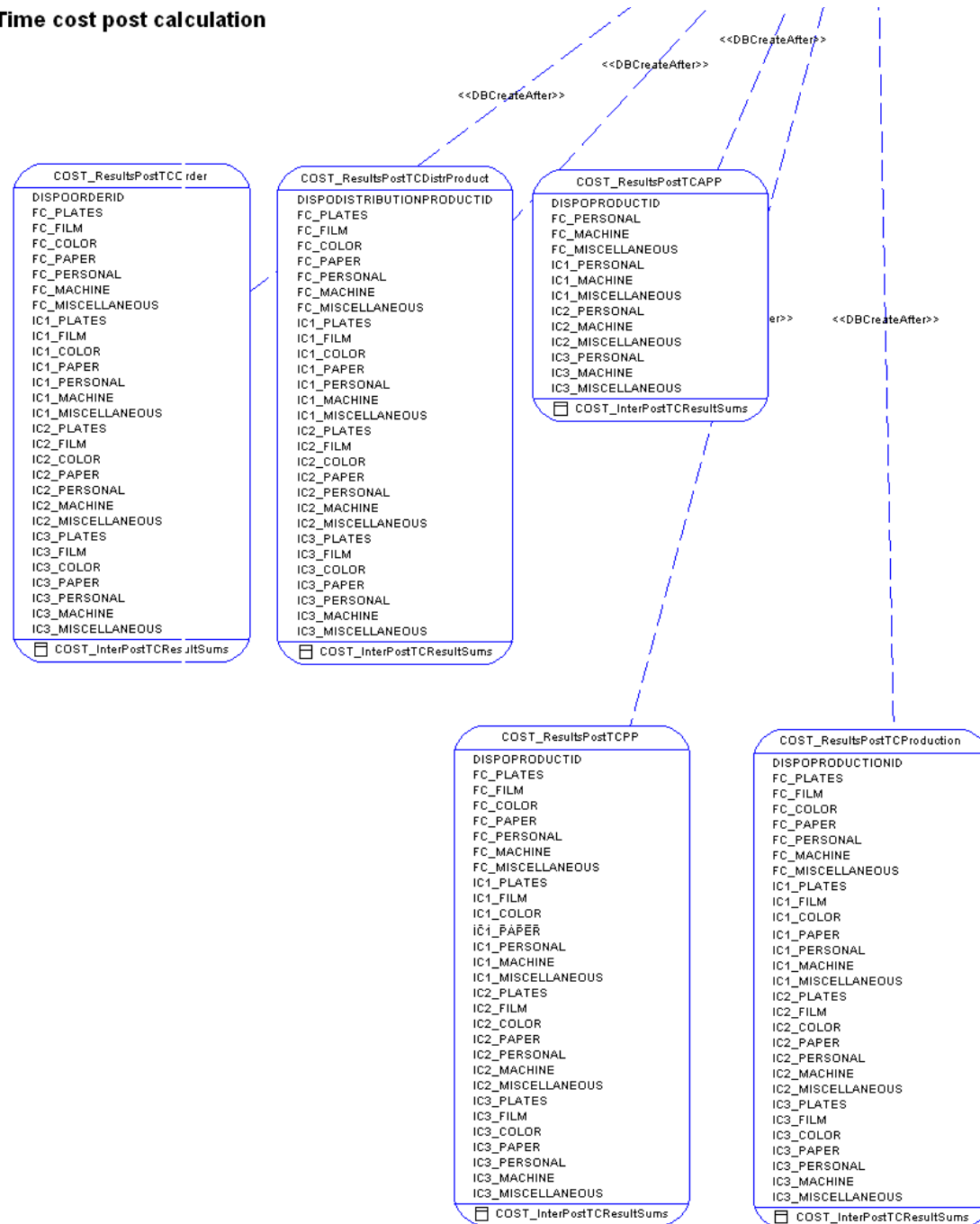


Figure 9: ER diagram module "Disposition" long-term area "Views" part 4

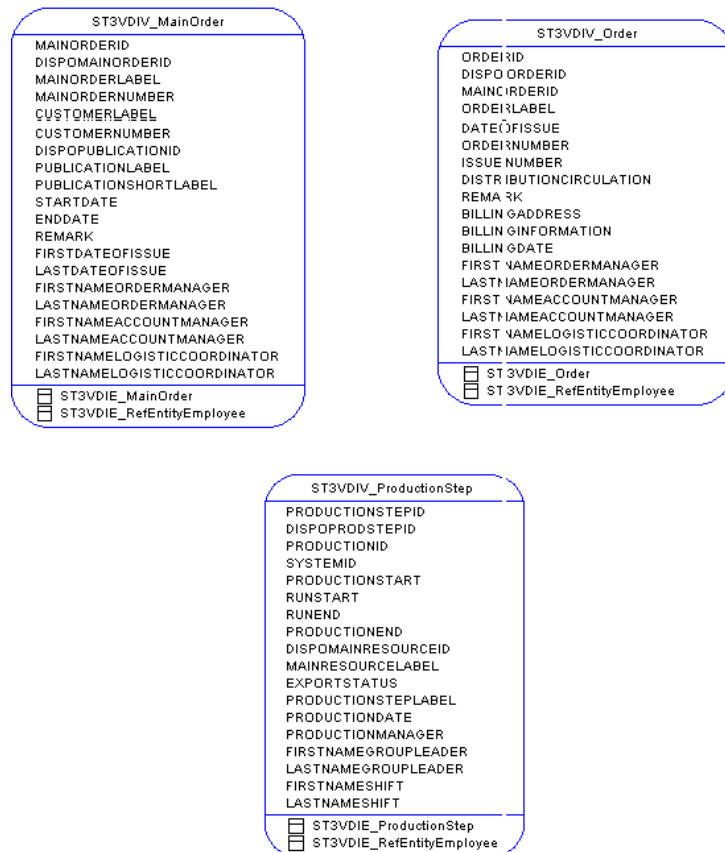


Figure 10: ER diagram module "Disposition" long-term area "Views" part 5

B.3 Long-term area: comment system

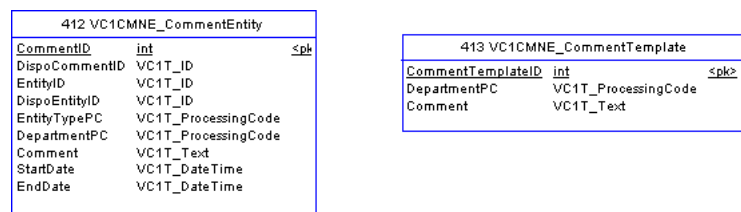


Figure 11: ER diagram "Disposition" module long-term area "Comment system"

The following Entity Relation (ER) Diagram provides an overview of all tables and their relationships.

[illegible]

EAE





C.2 Long-term area: Views

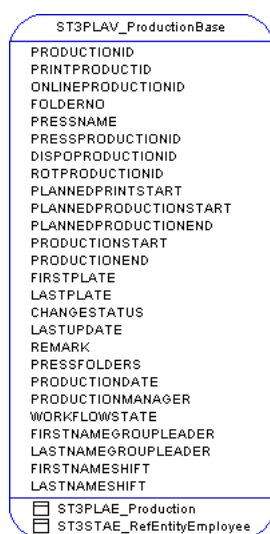


Figure 14: ER diagram module "PrePress" long-term area "Views"



Appendix D: Data model "Press"

The following Entity Relation (ER) Diagram provides an overview of all tables and their relationships. Please print the following pages and stick them together to form a complete picture.



D.1 Long-term area: Tables

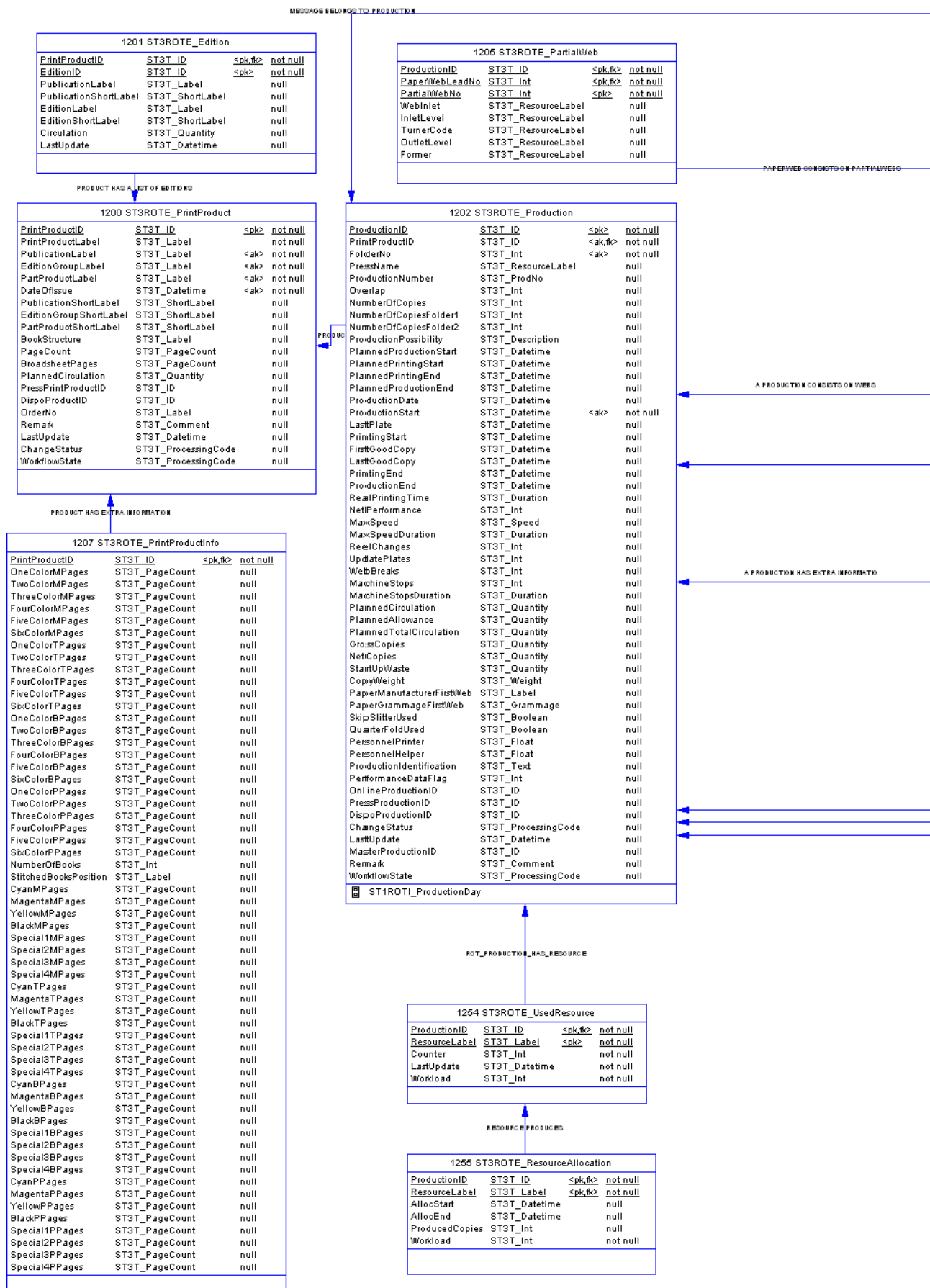


Figure 15: ER Diagram module "Press" long-term area "Tables" part 1

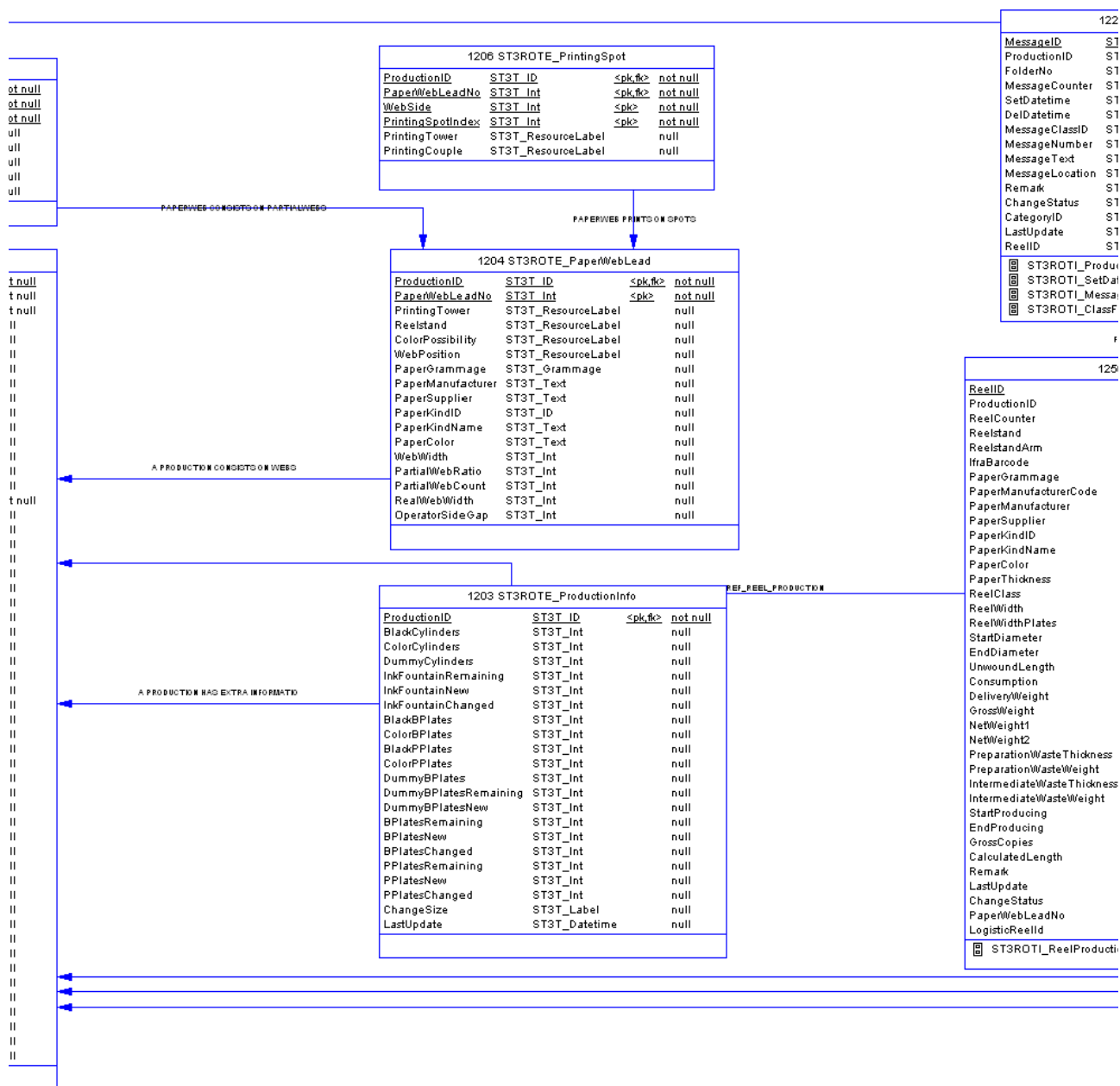


Figure 16: ER Diagram module "Press" long-term area "Tables" part 2

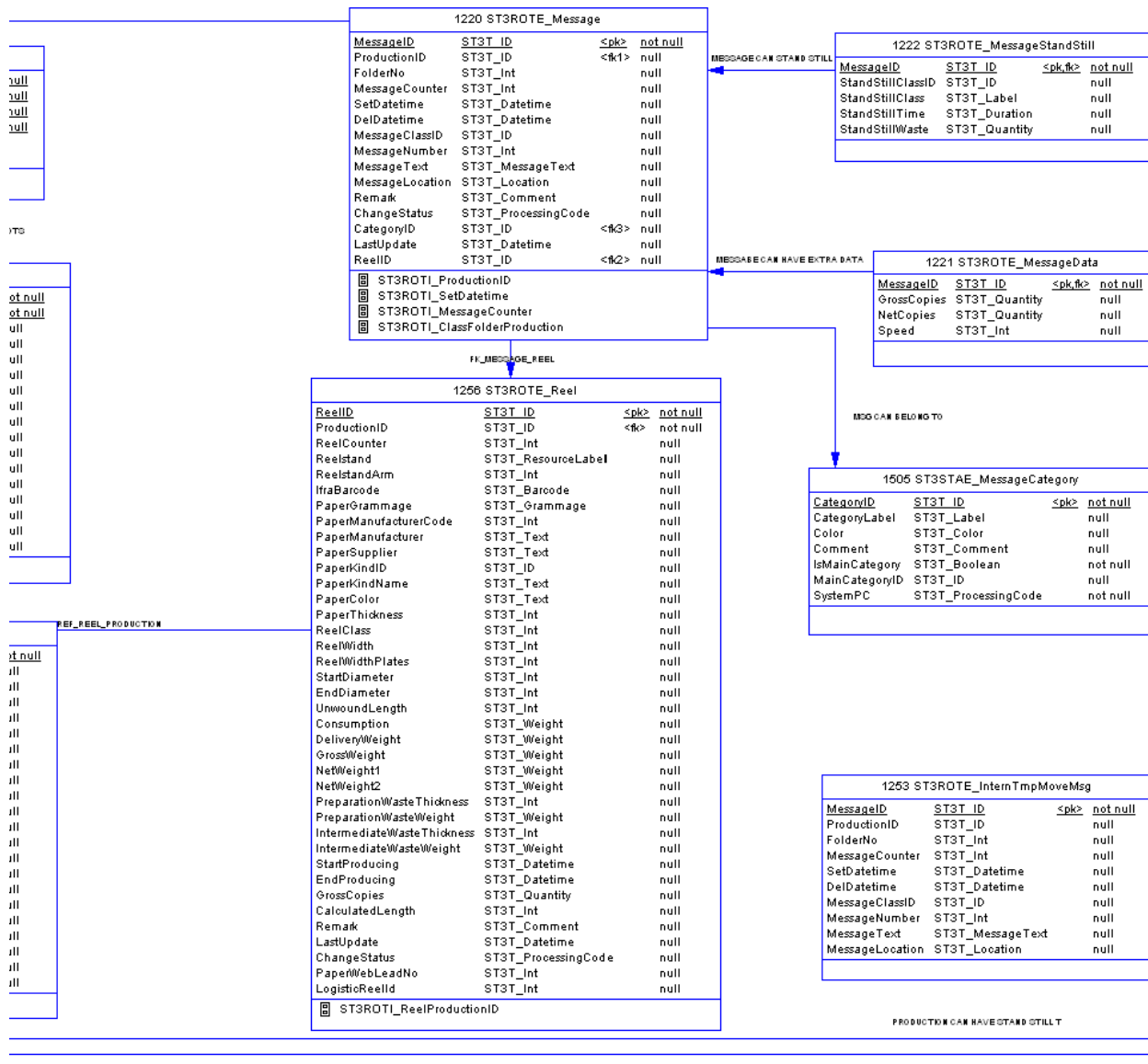


Figure 17: ER Diagram module "Press" long-term area "Tables" part 3



D.2 Long-term area: Views



Figure 18: ER Diagram module "Press" long-term area "Views"



D.3 Tables subsystem planning

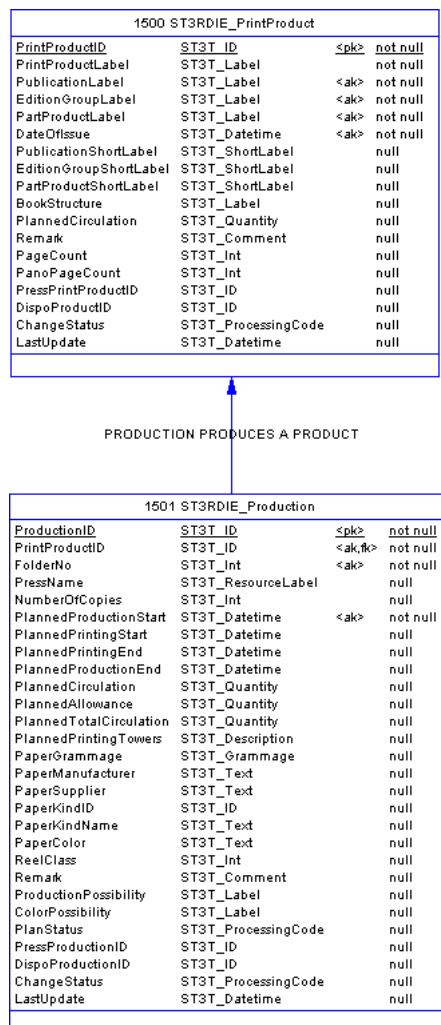


Figure 19: ER Diagram modules "Press" tables subsystem planning



Appendix E: Data model "PostPress Finishing"

The following Entity Relation (ER) Diagram provides an overview of all tables and their relationships.

E.1 Long-term area: Tables

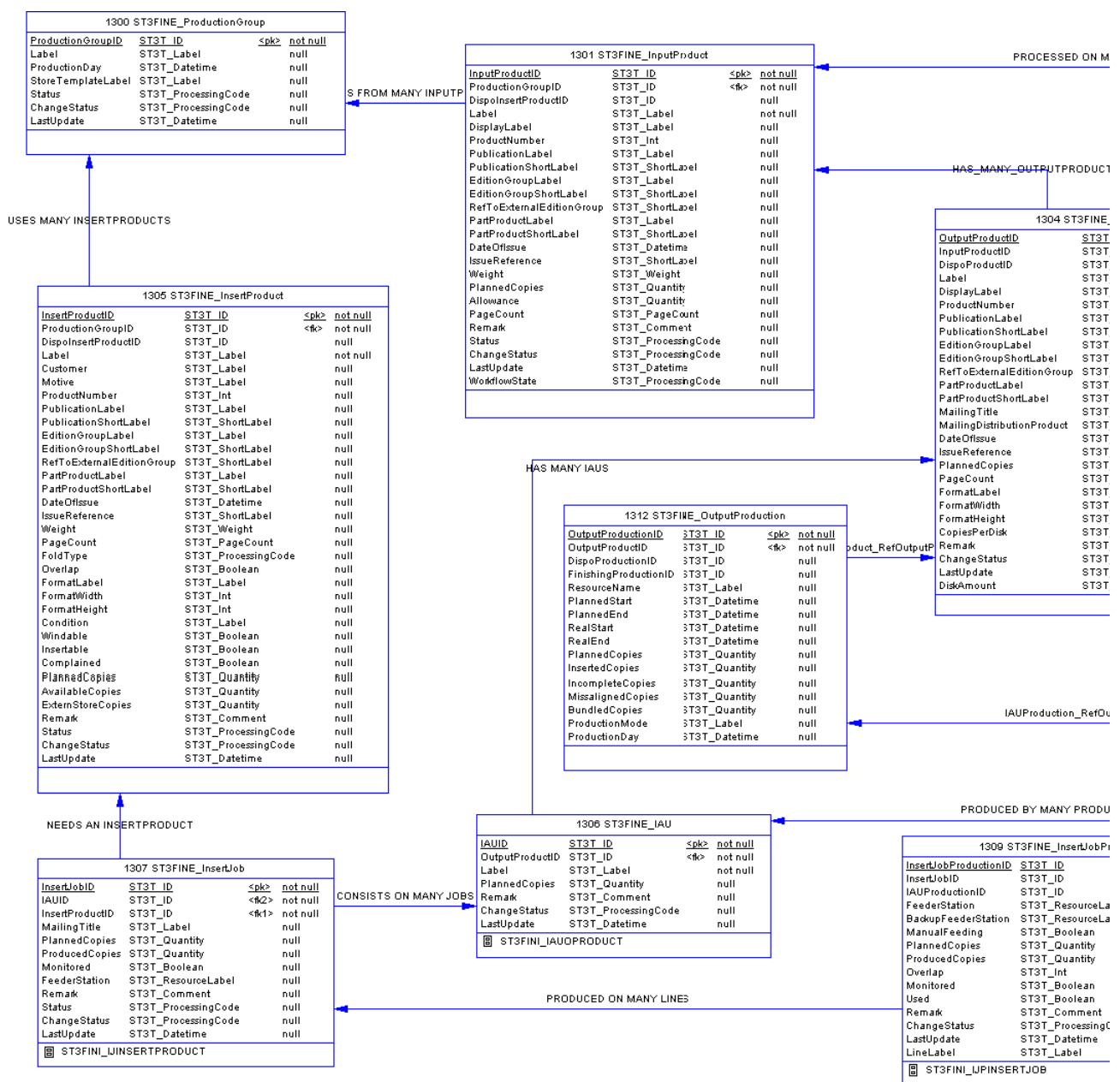


Figure 20: ER diagram module "PostPress Finishing" long-term area "Tables" part 1

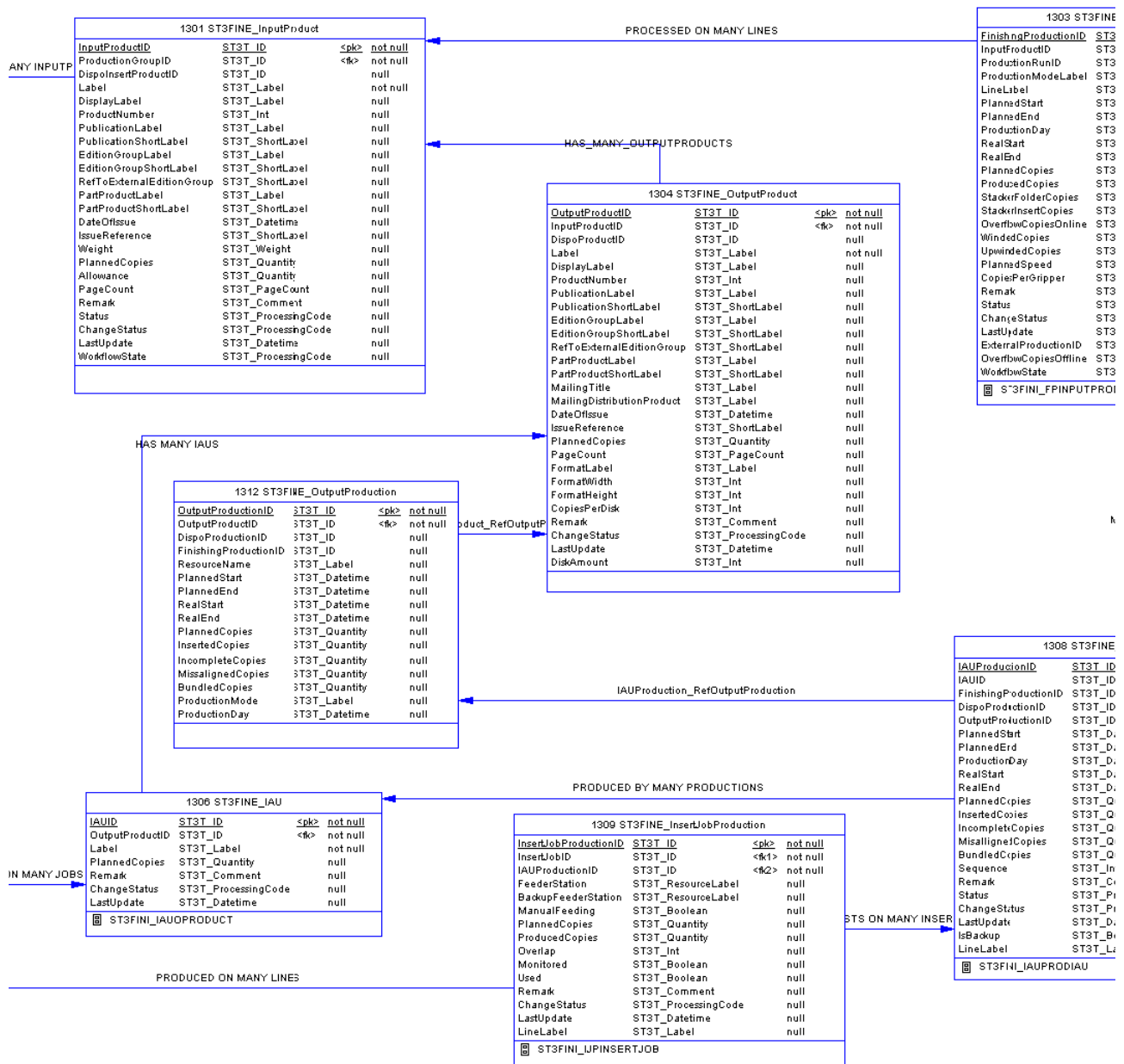


Figure 21: ER diagram module "PostPress Finishing" long-term area "Tables" part 2

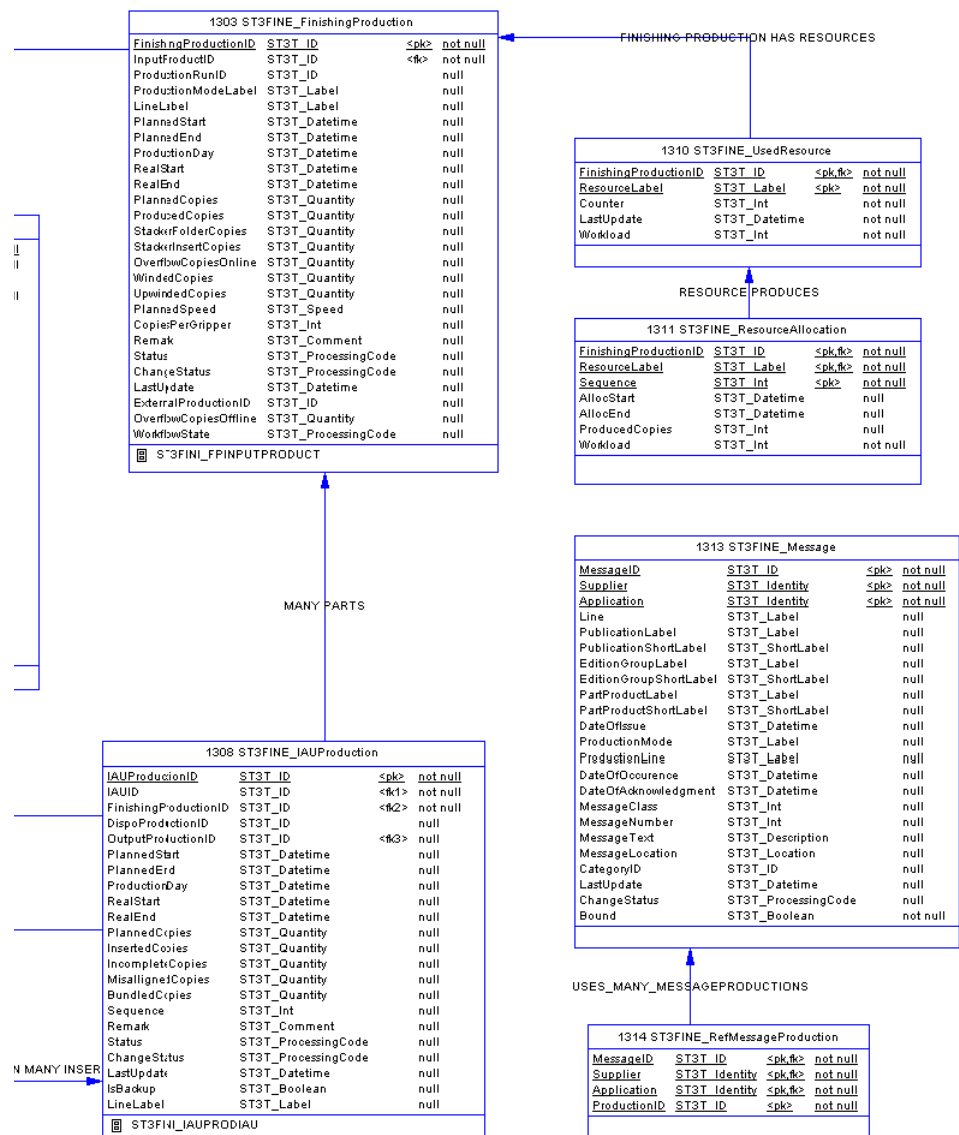


Figure 22: ER diagram module "PostPress Finishing" long-term area "Tables" part 3



E.2 Long-term area: Views

Views

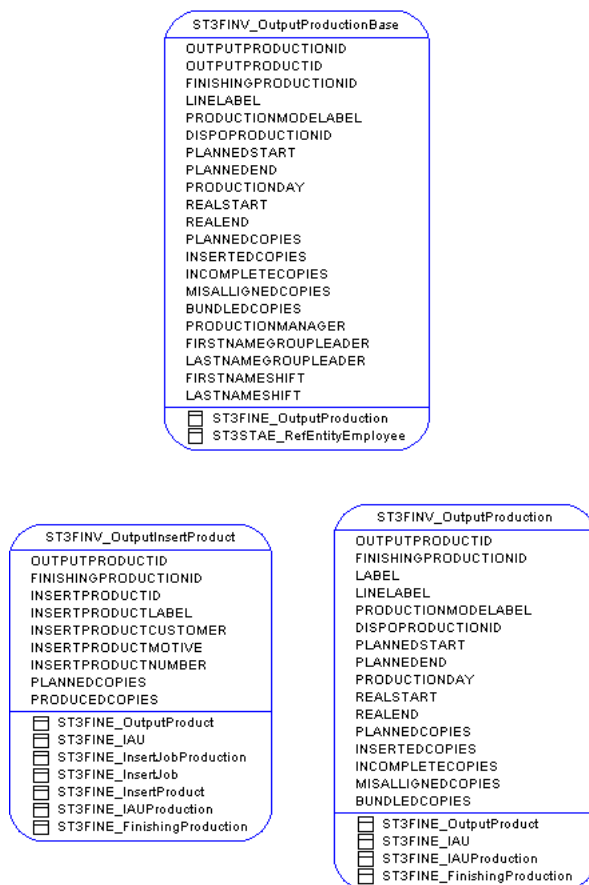


Figure 23: ER diagram module "PostPress Finishing" long-term area "Views"



Appendix F: Data model "PostPress Mailing"

The following Entity Relation (ER) Diagram provides an overview of all tables and their relationships.

F.1 Long-term area: Tables



Data model "PostPress Mailing" Appendix F: Long-term area: Tables

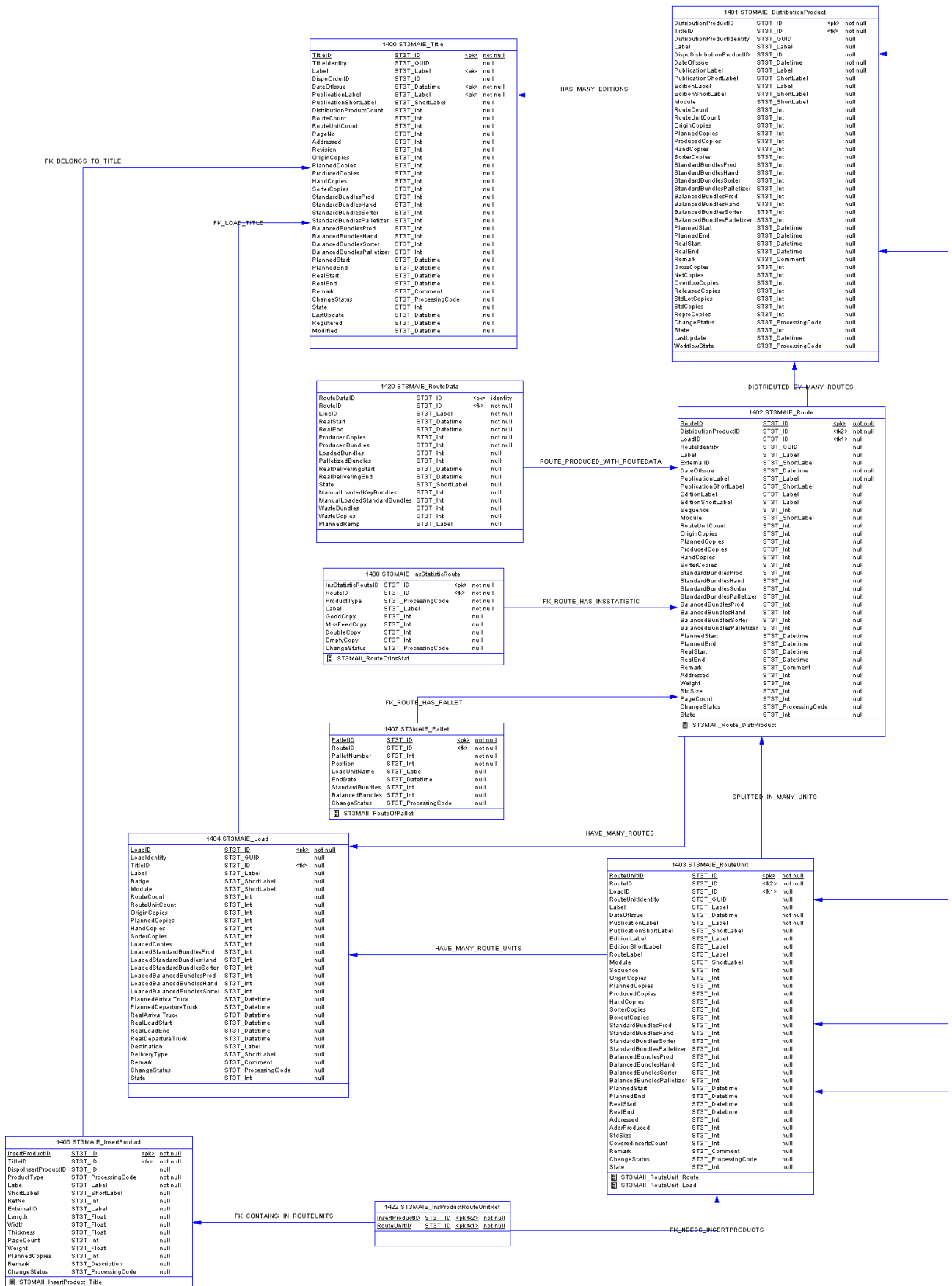


Figure 24: vER diagram module "PostPress Mailing" long-term area "Tables" part 1



Data model "PostPress Mailing" Appendix F: Long-term area: Tables

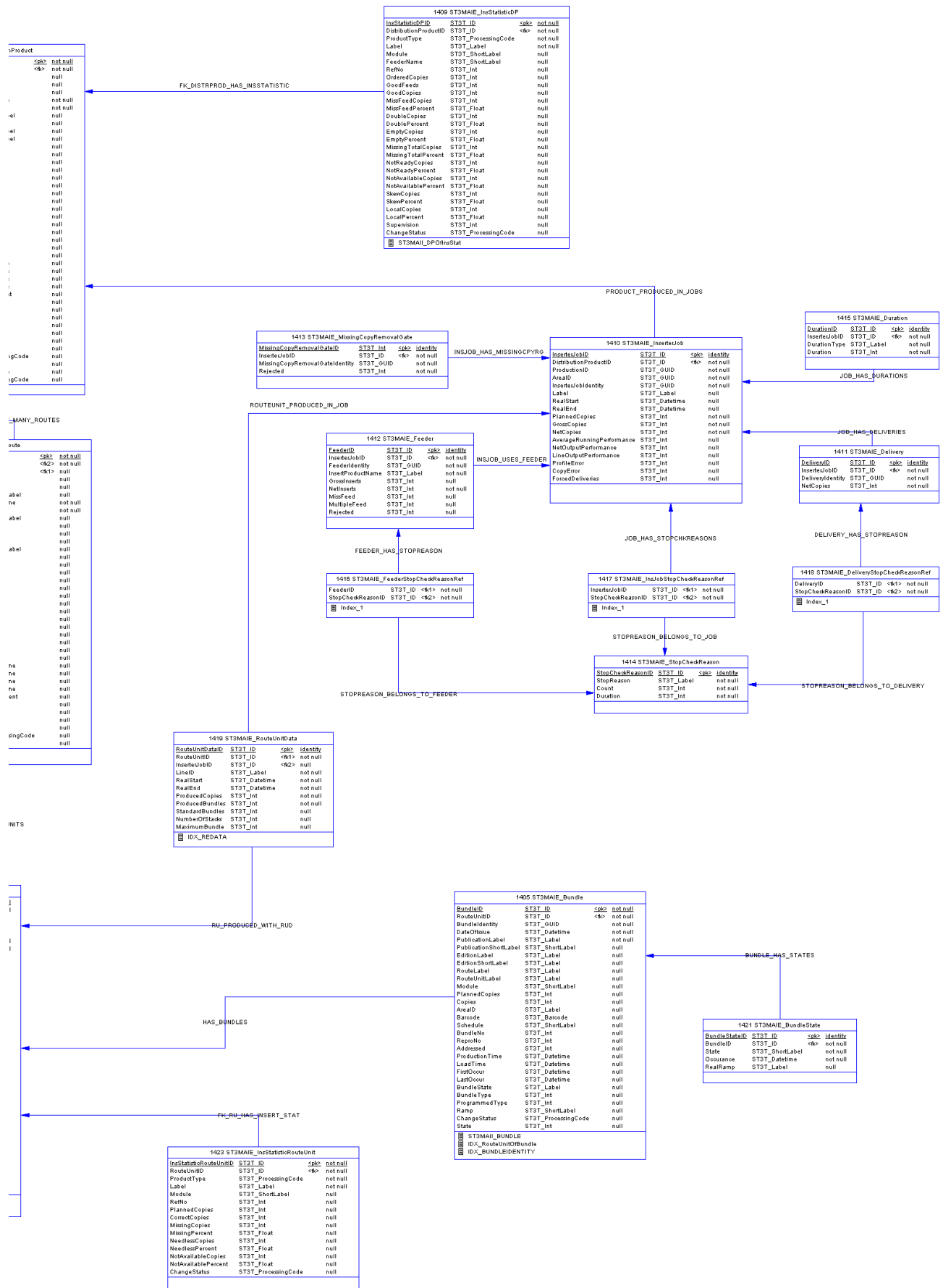


Figure 25: ER diagram module "PostPress Mailing" long-term area "Tables" part 2



Appendix G: Data model " Manual Data Capture"

The following Entity Relation (ER) Diagram provides an overview of all tables and their relationships.

G.1 Long-term area: Tables

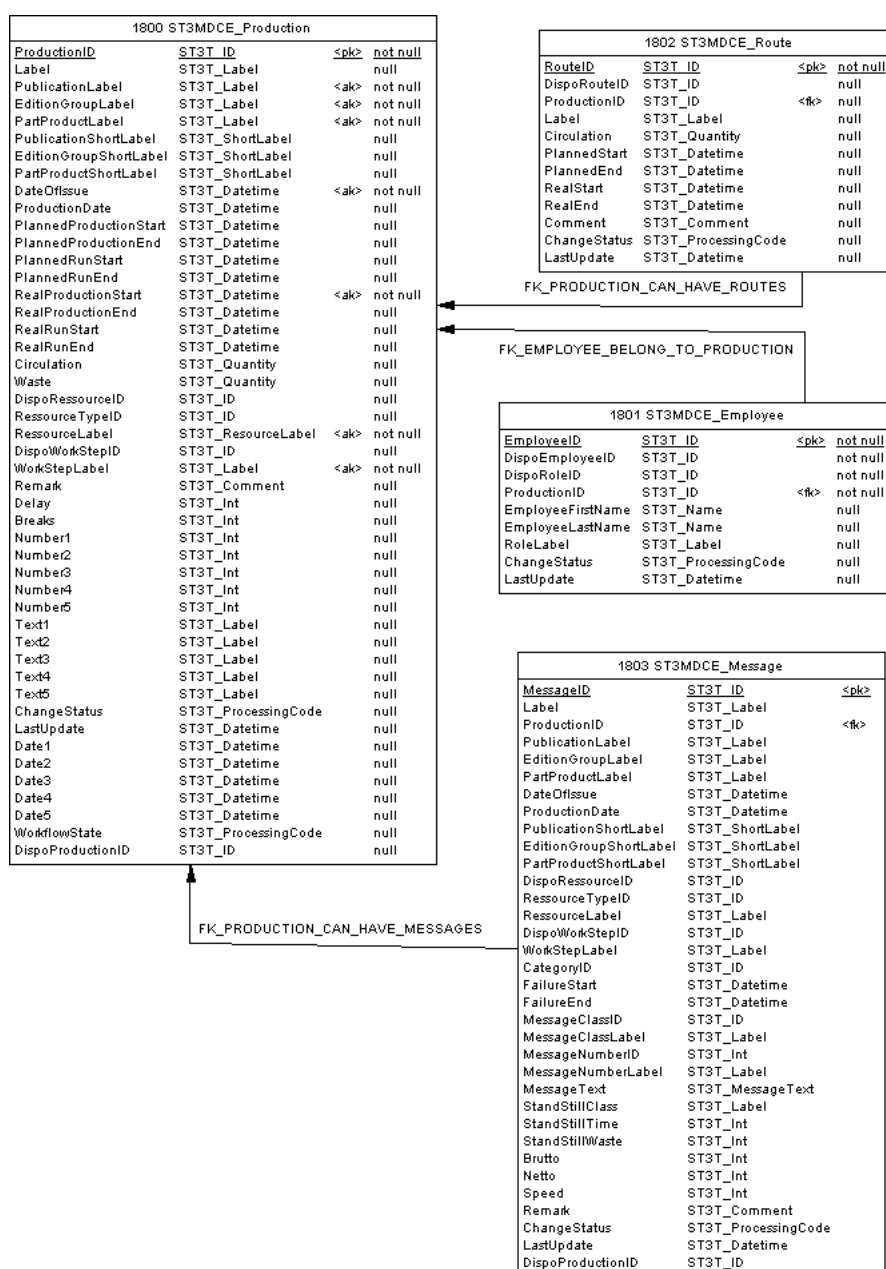


Figure 26: ER diagram module "MDC" long-term area "Tables"