

Procédure de déclaration de la TICPE _ France : La Rochelle, Profacid

Status	Revision in Progress
Owner	TEE-ext, Paul
Stakeholders	

Purpose

The purpose of this document is to define the conversion approach to create Task List in S/4 HANA.

Legacy Plant Maintenance Task list is using a diverse range of formats across the different systems. There are instances where the same Work order is duplicated within and/or across sources, with informal words. This results in data inconsistency. As per SyWay design, EAM Maintenance Work order will be standardized.

The complete information of the key fields that hold the Task List information follows [DD-FUN- 050 Master Data Standard Task List.xlsx](#)

Conversion Scope

The scope of this document covers the approach for converting active Task List from Legacy Source Systems into S/4HANA following the Task List Master Data Design Standard.

The data from legacy system includes:

1. Task lists created on or after July 1, 2024
2. Task List Type:
 - A-General Maintenance Task List
 - E-Equipment Task List
 - T-Task List for Functional Location
3. Assigned to a relevant Functional Location if its type T(Functional Location)
4. Assigned to a relevant Equipment if its type E(Equipment)
5. Has at least 1 operation

The data from legacy system excludes:

1. Task lists not used over 3 years. (**Definition:** No Active Maintenance Items Assigned, No Open Notifications, No Open Work Orders)

Exceptions:

- a. Task lists used as part of a periodic plan (e.g., every X period) – to be manually reviewed by the Business
2. Task lists With Deletion Indicator or marked for deletion
3. Task list having Plant (PLKO-WERKS) not in scope

List of source systems and approximate number of records

Source	Scope	Source Approx No. of Records	Target System	Target Approx No. of Records
PF2, WP2	An initial extract will be provided to business to evaluate. Additional data/records may be required and these will be constructed via DCT. Enrichment of in-scope data may be required and will be added via transformation rules (business/technical).	61,000	S/4HANA	61,000

Additional Information

Multi-language Requirement

Task List header and operation description does not support multi Language. Any change to the description text via any logon language will overwrite the existing description. Description text can be view in any logon language.

Document Management

Long text and DIR are not covered in this document as they are defined as another data object.

Legal Requirement

Not Applicable

Special Requirements

Not Applicable

Target Design

Task List Data strictly adheres to the Master Data Standard. The complete information of the key fields that hold the Class information follows the Master Data Standard document that is located here <include hyperlink>.

The technical design of the target for this conversion approach.

1. Task List Header - PLKO

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
PLKO	PLNTY	PLNTY	Task List Type	CHAR	1	R
PLKO	PLNNR	PLNNR	Key for Task List Group	CHAR	8	R
PLKO	PLNAL	PLNAL	Group Counter	CHAR	2	R
EAPL	EQUNR	EQUNR	Equipment Number	CHAR	18	R*
TAPL	TPLNR	TPLNR	Functional Location	CHAR	30	R*
PLKO	DATUV	DATUV	Valid-From Date	DATS	8	R
PLKO	KTEXT	PLANTEXT	Description	CHAR	40	R
PLKO	WERKS	WERKS_D	Planning Plant	CHAR	4	R
PLKO	ARBID	IGEWERK	Work center group with planning function	NUMC	8	R
PLKO	VERWE	PLN_VERWE	Task List Usage	CHAR	3	R
PLKO	VAGRP	VAGRP	Planner Group	CHAR	3	R
PLKO	STATU	PLNST	Overall Status	CHAR	3	R
PLKO	ANLZU	ANLZU	System Condition	CHAR	1	C
PLKO	STRAT	STRAT	Maintenance Strategy	CHAR	6	R
PLKO	ISTRU	ISTRU	Assembly	CHAR	40	R
PLKO	ADPSP	ADDCOMPARE_CORE	Reference Element PM/PS	CHAR	40	NU
PLKO	DELKZ	CP_DELKZ	Indicator: Delete completely in reorganization run	CHAR	1	C
PLKO	SLWBEZ	QSLWBEZ	Identifier for Inspection Point Field Combination	CHAR	3	NU
PLKO	EXTNUM	QEXTNUM	External Numbering of Units to Be Inspected	CHAR	1	NU

* EQUNR/TPLNR- Select the appropriate field depending on technical object

2. Task List Operation

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
PLPO	PLNTY	PLNTY	Task List Type	CHAR	1	R
PLPO	PLNNR	PLNNR	Key for Task List Group	CHAR	8	R
PLPO	VORNR	VORNR	Activity Number	CHAR	4	S

PLMZ	GP_UVORN	GP_UVORN	Suboperation	CHAR	4	NU
PLPO	ARBID	OBJEKTID	Work Center	NUMC	8	R
PLPO	WERKS	WERKS_D	Plant	CHAR	4	R
PLPO	STEUS	STEUS	Control Key	CHAR	4	R
PLPO	LTXA1	LTXA1	Operation Description	CHAR	40	R
PLPO	ARBEI	ARBEIT	Work Involved in the Activity	QUAN	7(1)	R
PLPO	ARBEH	ARBEITE	Unit for Work	UNIT	3	R
PLPO	ANZZL	ANZKAP	Number of Capacities Required	INT1	3	R
PLPO	DAUNO	DAUNOR	Normal Duration of the Activity	QUAN	5(1)	S
PLPO	DAUNE	DAUNORE	Normal Duration/Unit (ISO Format)	UNIT	3	S
PLPO	INDET	INDET	Key for calculation	CHAR	1	R
PLPO	PRZNT	APROZENT	Work Percentage	INT1	3	C
PLPO	VERTL	VERTEILUNG	Distribution function for capacity requirements	CHAR	2	C
PLPO	AUFKT	AFAKT	Execution Factor	DEC	3(0)	C
PLPO	LAR01	LSTAR	Activity Type	CHAR	6	S
PLPO	KTSCH	KTSCH	Standard Text Key	CHAR	7	NU
PLPO	ISTRU	ISTRU	Assembly	CHAR	40	NU
PLPO	LOANZ	LOHNANZ	Number of Time Tickets	DEC	3(0)	NU
PLPO	LOGRP	LOHNGRP	Wage Group	CHAR	3	NU
PLPO	LOART	LOHNART	Wage type	CHAR	4	NU
PLPO	QUALF	QUALF	Suitability	CHAR	2	NU
PLPO	KZLGF	KZLGF	Indicator: Lot-Size-Independent External Processing	CHAR	1	NU
PLPO	ANLZU	ANLZU	System Condition	CHAR	1	C
PLPO	EXECUTION_STAGE	EAM_PREMAINPOST	PRE MAIN POST	CHAR	10	C
PLPO	BMVRG	BMVRG	Order Quantity	QUAN	13(3)	C
PLPO	BMEIH	BMEIH	Order Quantity Unit	UNIT	3	C
PLPO	PREIS	IPREI	Price Per Unit	CURR	11(2)	S
PLPO	WAERS	WAERS	Currency	CUKY	5	S
PLPO	PEINH	EPEIN	Unit for Price	DEC	5(0)	S
PLPO	PLIFZ	PLIFZ	Planned Delivery Time in Days	DEC	3(0)	C
PLPO	FRDLB	CO_FRDLB	Indicator: External Processing Operation with Subcontracting	CHAR	1	C
PLPO	SAKTO	KSTAR	Cost Element	CHAR	10	C
PLPO	MATKL	MATKL	Material Group	CHAR	9	C
PLPO	EKGRP	VG_EKGRP	Purchasing Group	CHAR	3	C
PLPO	LIFNR	LIFNR	Vendor	CHAR	10	C
PLPO	EKORG	EKORG	Purchasing Organization	CHAR	4	C
PLPO	EBELN	EBELN	Purchasing Agreement	CHAR	10	C
PLPO	EBELP	EBELP	Purchasing Agreement Item	NUMC	5	C
PLPO	SORTL	SORTI	Sort Term	CHAR	10	NU
PLPO	INFNR	INFNR	Purchasing Info Record	CHAR	10	S
ESLL	SRVPOS	ASNUM	Activity Number	CHAR	18	C
ESLL	MENGE	MENGEV	Quantity with Sign	QUAN	13(3)	C
ESLL	MEINS	MEINS	Base Unit of Measure	UNIT	3	C

3. Task List Component

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
PLMZ	PLNNR	PLNNR	Task List Key	CHAR	8	R
PLMZ	VORNR	VORNR	Activity Number	CHAR	4	S
STPO	IDNRK	IDNRK	Material Number	CHAR	40	C
STPO	MENGE	KMPMG	Component Quantity	CHAR	1	C
STPO	MEINS	KMPME	Component Unit of Measure	UNIT	3	C
PLMZ	RGEKZ	RGEKZ	Indicator: Backflush	CHAR	1	C
PLMZ	DISP	DISP_PLUS_1	Relevancy to Materials Planning/Generation of Purchase Req.	CHAR	1	C
STPO	POTX1	POTX1	BOM Item Text (Line 1)	CHAR	40	S
STPO	POSTP	POSTP	Item category (bill of material)	CHAR	1	C
STPO	BEIKZ	BEIKZ	Material Provision Indicator	CHAR	1	NU
PLMZ	WERK_STL	WERKS_D	Plant	CHAR	4	C
STPO	EKGRP	EKGRP	Purchasing Group	CHAR	3	C
STPO	EKORG	EKORG	Purchasing Organization	CHAR	4	C
STPO	PREIS	CPREI	Price	CURR	11	NU
STPO	WAERS	WAERS	Currency Key	CUKY	5	S
STPO	PEINH	PEINH	Price unit	DEC	5	S
STPO	MATKL	MATKL	Material Group	CHAR	9	S
STPO	LGORT	CSLGO	Issue Location for Production Order	CHAR	4	C
STPO	LIFNR	LIFNR	Account Number of Supplier	CHAR	10	C
MARC	WEBAZ	WEBAZ	Goods receipt processing time in days	DEC	3	S
PLMZ	RECIPIENT_LOCATION_CODE	RECIPIENT_LOCATION_CODE	Recipient location code	CHAR	15	NU

4. Maintenance Package

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
PLWP	PLNTY	PLNTY	Task List Type	CHAR	1	R
PLWP	PLNNR	PLNNR	Task List Key	CHAR	8	R
PLWP	PLNAL	PLNAL	Group Counter	CHAR	2	R
PLWP	PLNKN	PLNKN	Number of the Task List Node	NUMC	8	R
PLWP	STRAT	STRAT	Maintenance Strategy	CHAR	6	R
PLWP	PAKET	PAKETZAEHL	Maintenance Package Number	NUMC	2	R
T351X	KZYK1	KTEXTZYK	Short text for the maintenance cycle (time/performance)	CHAR	2	R

Data Cleansing

ID	Criticality	Error Message/Report Description	Rule	Output	Source System
1005-001	C1	Invalid, Inactive or no Material allocated to Task List component	Task List as per Relevancy Criteria assigned with a Material which does not belong below: 1. Material Master (S2P) as per Relevancy Criteria	Material	PF2, WP2
1005-002	C1	Invalid, Inactive or no Operations attached to Active Task List Header	Task List as per Relevancy Criteria assigned with inactive or no Task List Operations attached.	Task List Operation	PF2, WP2

1005-003	C2	Task lists not used within the last 3 years	Task List as per Relevancy Criteria but are not used across below: 1. Maintenance Items as per Relevancy Criteria 2. Notifications as per Relevancy Criteria 3. Work Order as per Relevancy Criteria	Task List	PF2, WP2
1005-004	C1	Invalid, Inactive or no Class allocated to Task List component Task List as per Relevancy Criteria assigned with a Class which does not belong below: 1. Class as per Relevancy Criteria	Class Task List as per Relevancy Criteria assigned with a Class which does not belong below: 1. Class as per Relevancy Criteria	Class	PF2, WP2
1005-005	C1	Invalid, Inactive or no Characteristic allocated to Task List component	Task List as per Relevancy Criteria assigned with a Characteristic which does not belong below: 1. Characteristic as per Relevancy Criteria	Characteristic	PF2, WP2
1005-006	C1	Invalid, Inactive or no Construction Type allocated to Task List component	Task List as per Relevancy Criteria assigned with a Construction Type which does not belong below: 1. Construction Type as per Relevancy Criteria	Construction Type	PF2, WP2
1005-007	C1	Invalid, Inactive or no Production Resources & Tool allocated to Task List component	Task List as per Relevancy Criteria assigned with a Production Resources & Tool which does not belong below: 1. Production Resources & Tool as per Relevancy Criteria	Production Resources & Tool	PF2, WP2
1005-008	C1	Invalid or Inactive Bill of Material linked to Task List	Task List as per Relevancy Criteria assigned with a Bill of Material which does not belong below: 1. Bill of Material as per Relevancy Criteria	Bill of Material	PF2, WP2
1005-009	C1	Active Task List Operations allocated to inactive Task List Headers	Task List Operation as per Relevancy Criteria assigned with no or inactive Task List Headers attached.	Task List Operation	PF2, WP2
1005-010	C1	Active task list components allocated to inactive task list operation	Task List Component as per Relevancy Criteria assigned with no or inactive Task List Operations attached.	Task List Component	PF2, WP2
1005-011	C2	Invalid or Inactive Business Partner (Vendor) linked to Task List	Task List as per Relevancy Criteria assigned with a Material BOM which does not belong below: 1. Business Partner / Vendor (S2P) as per Relevancy Criteria	Business Partner (Vendor)	PF2, WP2
1005-012	C1	Invalid or Inactive Maintenance Strategy linked to Task List	Task List as per Relevancy Criteria assigned with a Maintenance Strategy which does not belong below: 1. Maintenance Strategy as per Relevancy Criteria	Maintenance Strategy	PF2, WP2
1005-013	C1	Invalid, Inactive or no Work Centres linked to Task List	Task List as per Relevancy Criteria assigned with a Work Centre which does not belong below: 1. Work Centre as per Relevancy Criteria	Work Centre	PF2, WP2
1005-014	C1	Missing Task Lists Descriptions	Task List as per Relevancy Criteria where there are blank Task List Descriptions.	Task List Description	PF2, WP2
1005-015	C2	Task Lists Descriptions with Informal Words	Task Lists Description	Task List as per Relevancy Criteria which contain [Informal Words] in the Task List Description	PF2, WP2
1005-016	C1	Task List Plant incorrect.	Task List as per Relevancy Criteria with Invalid Plant (T001W)	Plant	PF2, WP2
1005-017	C1	Task List Controlling Areas incorrect.	Task List as per Relevancy Criteria with Invalid Controlling Areas (TKA01)	Controlling Area	PF2, WP2

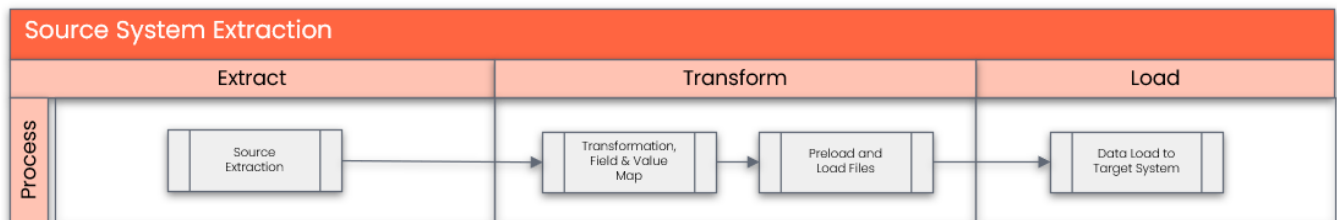
Informal Words **

Group 1	Group 2	Group 3	Group 4	Group 5
*DNU	Delete	donot	Formerly	Old #

..	Deletion	DONT USE	From	Old[]
/	DELISTED	DONT USE	Incorrect	PLEASE USE
?	Discontinued	Dup Use	Invalid	Pls Use
@	Disposable	DUPLICATE	New	Previously
^	DNU	-DUPLICATE	NOT ACTIVE	Replace
+	Do Not	DUPLICATION	not in use	Replaced
++	Do Not Re	Duplicidad	Not Used	RESERVED
£	Do Not Sell	Duplikat	NOT VALID	Retired
Defective	Do Not Use	Former	Obsolete	ZZDEL

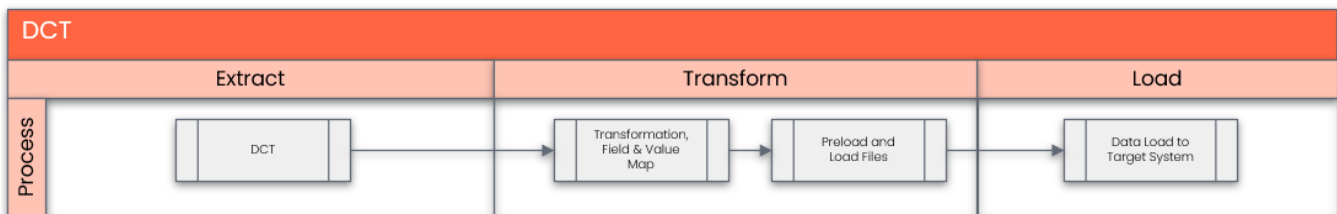
Conversion Process

The high-level process is represented by the diagram below:



For sites that are not on SAP-PF2 and WP2 systems, collection will be done manually in the data collection template.

The high-level process for DCT is represented by the diagram below:



Data Privacy and Sensitivity

Extraction

Extract data from a source into . There are 2 possibilities:

1. The data exists. connects to the source and loads the data into . There are 3 methods:
 - a. Perform full data extraction from relevant tables in the source system(s).
 - b. Perform extraction through the application layer.
 - c. Only if ; cannot connect to the source, data is loaded to the repository from the provided source system extract/report.
2. The data does not exist (or cannot be converted from its current state). The data is manually collected by the business directly in . This is to be conducted using DCT (Data Collection Template) in

The agreed Relevancy criteria is applied to the extracted records to identify the records that are applicable for the Target loads

Extraction Run Sheet

Req #	Requirement Description	Team Responsible
1	Extract data from source system based on relevancy rule	SyWay Data Team
2	Google Sheet report pre-populated with PF2 and WP2 information to be generated based on relevancy criteria.	SyWay Data Team

Selection Screen

Selection Ref Screen	Parameter Name	Selection Type	Requirement	Value to be entered/set
Not Applicable				

Data Collection Template (DCT)

Target Ready Data Collection Template will be created for data with exception of some fields which require transformation as mentioned in the transformation rule.

Task List DCT Rules

Field Name	Field Description	Rule

Extraction Dependencies

Item #	Step Description	Team Responsible
1	Ensure Syniti has the necessary connection and access to legacy servers	Data
2	Ensure that the necessary cleansing activities in legacy sources are complete	Data / Business
3	Ensure that create, change and deletion of master data is freeze in legacy Production system	Legacy IT

Transformation

The Target fields are mapped to the applicable Legacy field that will be its source, this is a 3-way activity involving the Business, Functional team and Data team. This identifies the transformation activity required to allow to make the data Target ready:

1. Perform value mapping and data transformation rules.
 - a. Legacy values are mapped to the to-be values (this could include a default value)
 - b. Values are transformed according to the rules defined in
2. Prepare target-ready data in the structure and format that is required for loading via prescribed Load Tool. This step also produces the load data ready for business to perform Pre-load Data Validation

Transformation Run Sheet

Item #	Step Description	Team Responsible
1	Obtain DCT Sign-off from Business	SyWay A2D Data Team
2	<Add steps from Syniti Migrate here>	SyWay A2D Data Team
3	Review and Validate Error and Preload Reports	SyWay A2D Data Team
4	Generate Load Files	SyWay A2D Data Team

Transformation Rules

Transformation Mapping

Mapping Table Name	Mapping Table Description
Inclusion - Task List	Task List inclusion list
IFLOT	Functional Locations
EQUI	Equipment
CRHD	Work Centres
CSKU	Cost Centre

Transformation Dependencies

List the steps that need to occur before transformation can commence

Item #	Step Description	Team Responsible
1	Ensure DCT tables completeness	SyWay A2D Data Team
2	Value Mappings are according to the latest design -<List of Value Mappings>	SyWay A2D Data Team

Pre-Load Validation

Project Team

Completeness

Task	Action
Verify Record Count	SyWay A2D Data Team to verify that the total number of relevant records from legacy systems and DCTs (if any) is equal to the total number of records in the Preload and Load Sheets.
Verify Data Integrity	SyWay A2D Data Team to verify that the total number of Operations per Work Oder header extracted from legacy systems and DCTs (if any) should be equal to the total number of operations identified in the Preload and Load Sheets

Accuracy

Task	Action
Conversion Accuracy	<p>SyWay A2D Data Team to verify that all fields below meet pass the checks:</p> <ol style="list-style-type: none"> 1. Mandatory Fields 2. Field and Value Mapping Correctness 3. Null Checks 4. Text Length Checks

Review Error Reports	Review and correct the errors. Achieve a zero-error record count as much as possible. Raise defects for data remediated and requiring a correction in the source data.
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Business

Completeness

Task	Action
Verify Record Count	Business Data Owner/s to verify that the total number of relevant records from legacy systems and DCTs (if any) is equal to the total number of records in the Preload and Load Sheets.

Accuracy

Task	Action
Conversion Accuracy	Business Data Owner/s to verify that all fields below meet pass the checks: <ol style="list-style-type: none"> 1. Mandatory Fields 2. Field and Value Mapping Correctness 3. Null Checks 4. Text Length Checks

Load

The load process includes:

1. Execute the automated data load into target system using load tool or product the load file if the load must be done manually
2. Once the data is loaded to the target system, it will be extracted and prepared for Post Load Data Validation

Load Run Sheet

Item #	Step Description	Team Responsible
1	Syniti will provide load file	Syniti

Load Phase and Dependencies

Configuration

Item #	Configuration Item
1	Planning Plants
2	Maintenance Plants
3	Number Ranges for Task List Groups
4	Task List Planner Groups
5	System Condition
6	Purchasing Group and Purchasing Organization

7	Material Group
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Conversion Objects

Object #	Preceding Object Conversion Approach
1003	Functional location
1002	Equipment
1016	Maintenance plan and item
1017	Maintenance Strategies & Packages
	Construction Types/ Assemblies
	Documents/DIR
2019	Material Master
	Vendors
	Service Masters
	Cost Element

Error Handling

Error Type	Error Description	Action Taken

Post-Load Validation

Project Team

Completeness

Task	Action
Verify Count	SyWay A2D Data Team to verify the record count created in target S/4 HANA by accessing post load reports in dspMigrate or standard reports from S/4 HANA.
Verify Logs	Check if there is data that failed to load and perform the necessary actions (e.g. register as post load issue or attempt to load the record again, etc.).

Accuracy

Task	Action
Conversion Accuracy	SyWay A2D Data Team to verify that the Work order data in target S/4 HANA were loaded correctly via dspMigrate post load reports or standard reports from S/4 HANA.

Business

Completeness

Task	Action
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Verify Count	Download Post Load Reports from dspMigrate and verify that the record count loaded in the target S/4 HANA is the same count as of the endorsed load file.
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Accuracy

Task	Action
Conversion Accuracy	Verify that the EAM Work order data in target S/4 HANA were loaded correctly via dspMigrate post load reports or standard reports from S/4 HANA.

Key Assumptions

- Master Data Standard is up to date as on the date of documenting this conversion approach and data load.
- Task List is in scope based on data design and any exception requested by business.
- All data cleansing and preparation has been completed.

See also

Change log

Version	Published	Changed By	Comment
CURRENT (v. 23)	Apr 30, 2026 03:07	MAHAJAN-ext, iesha	
v. 815	Apr 14, 2026 13:52	JOSHI-ext, Aditya	
v. 814	Apr 13, 2026 15:16	JOSHI-ext, Aditya	
v. 813	Apr 13, 2026 08:54	JOSHI-ext, Aditya	
v. 812	Apr 10, 2026 06:03	JOSHI-ext, Aditya	
v. 811	Apr 10, 2026 05:19	JOSHI-ext, Aditya	
v. 810	Apr 07, 2026 13:06	ERGUIZA-ext, Pinky Love	
v. 809	Apr 07, 2026 10:15	ERGUIZA-ext, Pinky Love	CR0438: Update in Relevancy Criteria JEST Inactive Flag
v. 808	Apr 07, 2026 10:12	ERGUIZA-ext, Pinky Love	
v. 807	Apr 02, 2026 13:41	ERGUIZA-ext, Pinky Love	

[Go to Page History](#)

Workflow history

Title	Last Updated By	Updated	Status
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There are no pages at the moment.