


CNV-3018 Business Partners - FI Vendor (FLVN00)

Status	
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Purpose

The purpose of this document is to define the conversion approach to create Business Partners - FI Vendor (FLVN00) in S/4 HANA.

Business Partner - FI Vendor Role captures the vendor's FI data attributes such as Reconciliation Account, Tax Code, Payment data, etc. at the Company Code level.

Conversion Scope

The scope of this document covers the approach for converting active vendors from Legacy Source Systems into S/4HANA following the [Master Data Design Standard # 3018](#).

There is high dependency on Business Partner General Role / data as per [CNV-3007 Business Partners - General \(Role 000000\)](#) which covers the overall scope and relevancy rules. Deduplication also determines the legacy vs target migration records at General level and subsequent Company code level. Example if 2 vendor records are combined at General level, the same has to be done at Company level. The values to be combined or overwritten has to be confirmed by data owners if values are different eg payment term , payment method, etc.

Fields that are not in company code level will be categorized as 'general' and will be covered in MDS / CNV # 3007.

Relevancy rule :

1. Extract all records from legacy tables LFB1 and LFBW by matching LIFNR with final in-scope legacy records (LFA1-LIFNR) after deduplication is done in CNV-3007. BUKRS is based on in scope [company code mapping](#).
2. Exclude blocked vendors (LFB1-SPERR <> blank) and deleted vendors (LFB1-LOEVM <> blank)
3. Extract all records from legacy tables STXH and STXL where TDOBJECT = LFB1

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	<ul style="list-style-type: none">• Based on relevancy criteria• exists in General Role / data as per CNV-3007 Business Partners - General (Role 000000)	53,000	S4	53,000

Additional Information

Multi-language Requirement

Based on legacy or to-be design, there may be multiple language texts (table STXH and STXL)

Document Management

N/A

Legal Requirement

N/A

Special Requirements

N/A

Target Design

The technical design of the target for this conversion approach.

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
LFB1	LIFNR	LIFNR	Vendor	CHAR	10	Mandatory with mapping
LFB1	BUKRS	BUKRS	Company code	CHAR	4	Mandatory with mapping
LFB1	ZUAWA	DZUAWA	Key for Sorting According to Assignment	CHAR	3	Mandatory with mapping
LFB1	AKONT	AKONT	Reconciliation Account*	CHAR	10	Mandatory with mapping
LFB1	FDGRV	FDGRV	Planning Group	CHAR	10	Mandatory with mapping
LFB1	LNRZB	LNRZB	Account Number of the Alternative Payee	CHAR	10	Optional
LFB1	ZAHL5	DZAHL5	Payment Block (Key)	CHAR	1	Optional with mapping
LFB1	ZTERM	DZTERM	Terms of Payment Key	CHAR	4	Optional with mapping
LFB1	REPRF	REPRF	Check Double Invoice	CHAR	1	Optional
LFB1	ALTKN	ALTKN	Previous Account Number	CHAR	10	Optional
LFB1	HBKID	HBKID	Short Key for a House Bank	CHAR	4	Optional
LFB1	INTAD	INTAD	Clerks internet address	CHAR	130	Optional
LFB1	QSREC	QSREC	Type of Recipient	CHAR	2	Optional
LFB1	TOGRR	TOGRR	Tolerance Group in Invoice Verification	CHAR	3	Optional
LFB1	XLFBZ	XLFBZ	Indicator: Alternative Payee Using Account Number	CHAR	1	Optional
LFB1	ZWELS	ZWELS	Payment Method	CHAR	10	Optional
LFB1	QSSKZ	QSSKZ	Withholding Tax Code	CHAR	2	Optional
LFB1	UZAW5	UZAW5	Payment Method Supplement	CHAR	2	Optional
LFBW	LIFNR	LIFNR	Vendor	CHAR	10	Mandatory with mapping
LFBW	BUKRS	BUKRS	Company code	CHAR	4	Mandatory with mapping
LFBW	WITHT	WITHT	Withholding Tax Type*	CHAR	2	Optional with mapping
LFBW	WT_SUBJECT	WT_SUBJECT	Subject	CHAR	1	Optional
LFBW	QSREC	QSREC	Type of recipient	CHAR	2	Optional
LFBW	WT_WITHCD	WT_WITHCD	Withholding Tax Code	CHAR	2	Optional with mapping
STXH	TDOBJECT	TDOBJECT	Text object	CHAR	10	Conditional
STXH	TDNAME	TDNAME	Text Name	CHAR	70	Conditional
STXH	TDID	TDID	Text ID	CHAR	4	Conditional
STXH	TDSRAS	TDSRAS	Language Key	LANG	1	Conditional
STXL	TDOBJECT	TDOBJECT	Text object	CHAR	10	Conditional
STXL	TDNAME	TDNAME	Text name	CHAR	70	Conditional
STXL	TDID	TDID	Text ID	CHAR	4	Conditional
STXL	TDSRAS	SRAS	Language key	CHAR	1	Conditional
STXL	CLUSTD	CLUSTD	Data	CHAR	7902	Conditional

Table: BUT100 - Role FLVN00- assignment to a Business Partner.

BUT100	PARTNER	BU_PARTNER	Business Partner Number	CHAR	10	Mandatory
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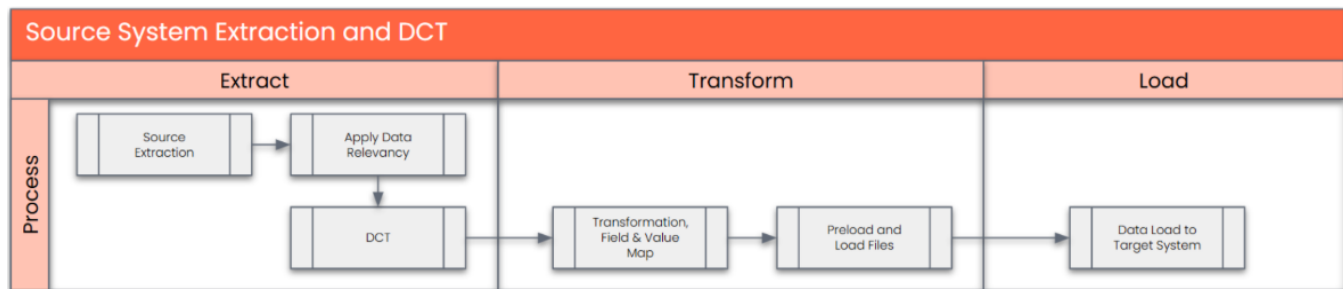
BUT100	RLTP	BU_PARTNERROLE	BP Role	CHAR	6	Mandatory
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Data Cleansing

ID	Criticality	Error Message/Report Description	Rule	Output	Source System
		No legacy cleansing	Based on CNV-3007 relevancy rule and this CS relevancy rule	Relevant vendors vs excluded vendors	PF2/WP2

Conversion Process

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



Data Privacy and Sensitivity

Extraction

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

1. The data exists. Syniti connects to the source and loads the data into Syniti. 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 Syniti cannot connect to the source, data is loaded to the repository from the provided source system extract/report.

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	Refresh Vendor general data / XREF in Syniti	Data
2	Refresh LFB1, LFBW, STXH, STXL tables via Syniti (Vendor company data) for all legacy systems	Data

Selection Screen

Selection Ref Screen	Parameter Name	Selection Type	Requirement	Value to be entered/set

N/A				

Data Collection Template (DCT)

Data Collection Template is required for enrichment purposes eg. legacy fields are missing data which is mandatory in target S4. The DCT fields are target values requiring no transformation.

Field Name	Field description	Rule
LFB1-LIFNR	Vendor number	
LFB1-BUKRS	Company code	
LFB1-ZUAWA	Key for Sorting According to Assignment	
LFB1-ZTERM	Terms of Payment Key	
LFB1-XLFZB	Indicator: Alternative Payee Using Account Number	
LFB1-FDGRV	Planning Group	

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 (if any)	Data / Business
3	Ensure that create, change and deletion of master data is frozen or cut-off 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 Syniti 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 Syniti
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	LFA1 relevancy execution in Syniti	Data
2	LFB1 / LFBW / STXH/ STXL relevancy execution in Syniti	Data
3	Business partner FI Vendor execution in Syniti	Data

Transformation Rules

Rule #	Source system	Source Table	Source Field	Source description	Target system	Target Table_Fi eld	Target Table_Fi eld	Target description	Transformation logic
1	PF2 /WP2	LFB1	LIFNR	Vendor Number	S /4HANA	BCS002	LIFNR	Vendor Number	Derive via legacy to BP Master Mapping
2	PF2 /WP2	LFB1	BUKRS	Company Code	S /4HANA	BS001	BUKRS	Company Code	Derive via Company Code mapping
3	PF2 /WP2	LFB1	AKONT	Reconciliation Account	S /4HANA	LFB1	AKONT	Reconciliation Account	Derive via GL account mapping
4	PF2 /WP2	LFB1	ZUAWA	Sort Key	S /4HANA	LFB1	ZUAWA	Sort Key	Derive via Sort key mapping (default mapping to 009)
5	PF2 /WP2	LFB1	ZTERM	Payment Terms	S /4HANA	LFB1	ZTERM	Payment Terms	Derive via Payment Terms mapping
8	PF2 /WP2	LFB1	REPRF	Check Double Invoice	S /4HANA	LFB1	REPRF	Check Double Invoice	Default Check 'X'
9	PF2 /WP2	LFB1	ZWELS	Payment Methods	S /4HANA	LFB1	ZWELS	Payment Methods	Derive via Payment Methods mapping
10	PF2 /WP2	LFB1	TOGRR	Delivery Tolerance Group	S /4HANA	LFB1	TOGRR	Delivery Tolerance Group	Derive via Tolerance Grp mapping
14	PF2 /WP2	LFB1	ZAHLS	Block Key For Payment	S /4HANA	LFB1	ZAHLS	Block Key for Payment	Derive via Payment block mapping
18	PF2 /WP2	LFB1	FDGRV	Planning Group	S /4HANA	LFB1	FDGRV	Planning Group	Derive via Planning Group mapping
21	PF2 /WP2	LFB1	LNRZB	Account number of the alternative payee	S /4HANA	LFB1	LNRZB	Account number of the alternative payee	Derive via legacy to BP Master Mapping
28	PF2 /WP2	LFB1	HBKID	Short Key for a House Bank	S /4HANA	LFB1	HBKID	Short Key for a House Bank	Derive via House bank mapping
33	PF2 /WP2	LFB1	QSREC	RECIPIENT TYPE	S/4 HANA	LFB1	QSREC	RECIPIENT TYPE	Derive via Recipient type mapping
36	PF2 /WP2	LFB1	ALTKN	Previous Master Record Number	S /4HANA	LFB1	ALTKN	Previous Master Record Number	Legacy vendor number LFB1-LIFNR
39	PF2 /WP2	LFB1	UZAWE	Payment Method Supplement	S /4HANA	LFB1	UZAWE	Payment Method Supplement	Derive via Payment Method Supplement mapping
45	PF2 /WP2	LFB1	INTAD	Internet address of partner company clerk	S /4HANA	LFB1	INTAD	Internet address of partner company clerk	To leave blank
46	PF2 /WP2	LFB1	XLFZB	Indicator: Alternative payee using account number	S /4HANA	LFB1	XLFZB	Indicator: Alternative payee using account number	Keep legacy value
56	PF2 /WP2	LFBW	LIFNR	Vendor Number	S /4HANA	BCS002	LIFNR	Vendor Number	Derive via legacy to BP Master Mapping
57	PF2 /WP2	LFBW	BUKRS	Company Code	S /4HANA	BS001	BUKRS	Company Code	Derive via Company Code mapping
58	PF2 /WP2	LFBW	WITHT	WITHHOLDING TAX TYPE	S /4HANA	LFBW	WITHT	WITHHOLDING TAX TYPE	Derive from Withholding tax mapping
59	PF2 /WP2	LFBW	WT_WITH CD	WITHHOLDING TAX CODE	S /4HANA	LFBW	WT_WIT HCD	WITHHOLDING TAX CODE	Derive from Withholding tax mapping
60	PF2 /WP2	LFBW	WT_S UBJCT	SUBJECT TO WITHHOLDING TAX	S /4HANA	LFBW	WT_SUB JCT	SUBJECT TO WITHHOLDING TAX	Keep legacy value
61	PF2 /WP2	LFBW	QSREC	WITHHOLDING TAX TYPE OF RECIPIENT	S /4HANA	LFBW	QSREC	WITHHOLDING TAX TYPE OF RECIPIENT	Derive from Withholding tax recipient mapping
62	PF2 /WP2	LFBW	WT_WTST CD	WITHHOLDING TAX ID	S /4HANA	LFBW	WT_WT STCD	WITHHOLDING TAX ID	Keep legacy value
63	PF2 /WP2	LFBW	WT_E XNR	EXEMPTION NUMBER	S /4HANA	LFBW	WT_EXNR	EXEMPTION NUMBER	Keep legacy value
64	PF2 /WP2	LFBW	WT_E XRT	EXEMPTION %	S /4HANA	LFBW	WT_EXRT	EXEMPTION %	Keep legacy value
65	PF2 /WP2	LFBW	WT_WTEX RS	EXEMPTION REASON	S /4HANA	LFBW	WT_WT EXRS	EXEMPTION REASON	Keep legacy value
66	PF2 /WP2	LFBW	WT_E XDF	EXEMPTION FROM	S /4HANA	LFBW	WT_EXDF	EXEMPTION FROM	Keep legacy value
67	PF2 /WP2	LFBW	WT_E XDT	EXEMPTION TO	S /4HANA	LFBW	WT_EXDT	EXEMPTION TO	Keep legacy value
68	WP2 /PF2	STXH	TDOBJE CT	Text object	S4 Hana	STXH	TDOBJE CT	Text object	Keep legacy value = LFB1
69	WP2 /PF2	STXH	TDNAME	Text Name	S4 Hana	STXH	TDNAME	Text Name	Derive via legacy to BP Master Mapping (leading zero within 10 chars) concatenate with company code mapping (4 chars)
70	WP2 /PF2	STXH	TDID	Text ID	S4 Hana	STXH	TDID	Text ID	Keep legacy value

71	WP2 /PF2	STXH	TDSP RAS	Language Key	S4 Hana	STXH	TDSPRAS	Language Key	Keep legacy value
72	WP2 /PF2	STXL	TDOBJECT	Text object	S4 Hana	STXH	TDOBJECT	Text object	Keep legacy value = LFB1
73	WP2 /PF2	STXL	TDNAME	Text Name	S4 Hana	STXL	TDNAME	Text Name	Derive via legacy to BP Master Mapping (leading zero within 10 chars) concatenate with company code mapping (4 chars)
74	WP2 /PF2	STXL	TDID	Text ID	S4 Hana	STXL	TDID	Text ID	Keep legacy value
75	WP2 /PF2	STXL	TDSP RAS	Language Key	S4 Hana	STXL	TDSPRAS	Language Key	Keep legacy value
76	WP2 /PF2	STXL	CLUSTD	Data	S4 Hana	STXL	CLUSTD	Data	Keep legacy value
1	PF2 /WP2	N/A	N/A	N/A	S4HANA	BUT100	PARTNER	Business Partner Number	Refer to XREF of Business Partner
2	PF2 /WP2	N/A	N/A	N/A	S4HANA	BUT100	RLTYP	BP Role	Default to FLVN00
3	PF2 /WP2	N/A	N/A	N/A	S4HANA	BUT100	VALID_FROM	Validity Start of a BP Role	Default to 10101000000 (01.01.1900)
4	PF2 /WP2	N/A	N/A	N/A	S4HANA	BUT100	VALID_TO	Validity End of a BP Role	Default to 99991231235959 (31.12.9999)

List of Custom Target Reports for this object is maintained here: [Conversion Specification - Custom Reports Register](#).

Transformation Mapping

Mapping Table Name	Description
BP Master Mapping	Legacy to S4 Business Partner Vendor mapping
Company Code Mapping	Legacy to S4 Company Code Mapping
Payment Terms Mapping	Legacy to S4 Payment Terms Mapping
Payment Method Mapping	Payment Method Mapping
Tax Category Mapping	Legacy to S4 Tax Category Mapping
GL Account Mapping	Legacy to S4 GL Account Mapping
Sort Key Mapping	Legacy to S4 Sort Key Mapping
Planning Group Mapping	Legacy to S4 Planning Group Mapping
Withholding tax type / code Mapping	Legacy to S4 Withholding tax type / code Mapping
Tolerance Group Mapping	Legacy to S4Tolerance Group Mapping
Payment block Mapping	Legacy to S4Payment block Mapping
Authorization Group Mapping	Legacy to S4Authorization Group Mapping
Planning Group Mapping	Legacy to S4Planning Group Mapping
House bank mapping	Legacy to S4House bank mapping
Tolerance Group mapping	Legacy to S4Tolerance Group mapping
Payment Method Supplement mapping	Legacy to S4 Payment Method Supplement mapping
Recipient type mapping	Legacy to S4 Recipient type mapping
<i>Withholding tax recipient mapping</i>	<i>Legacy to S4 Withholding tax recipient mapping</i>

Transformation Dependencies

List the steps that need to occur before transformation can commence

Item #	Step Description	Team Responsible
1	Extract PF2/WP2 source tables – LFB1, LFBW, STXH, STXL	Data
2	Ensure that Business Partner – General and COA GL accounts are loaded	Data

3	Ensure all vendor master data collection templates, deduplication and cleansing completeness and no errors	Data
4	Ensure that all required Configurations are in S/4HANA	Data
5	Ensure mappings are completed	Data

Pre-Load Validation

Project Team

Completeness

Task	Action
Verify count	Verify that the record count in the pre-load file is the same as the record count based on the approved records

Accuracy

Task	Action
Data Accuracy	Data team to verify that all the data in the load table/file is accurate as per signed-off transformation rules contents
Mapping Error Reports	Verify that all necessary error reports have been validated, and that errors have been addressed.

Business

Completeness

Task	Action
Verify Count for External Vendor (not Key Input Supplier)	Verify that the record count in the pre-load file is the same as the record count based on the relevancy (including deduplication) results
Verify Count for Intercompany Vendor	Verify that the record count in the pre-load file is the same as the record count based on the approved records (intercompany Vendors)
Verify Relevancy Rules	Verify that the relevancy rules were correctly applied

Accuracy

Task	Action
Verify Data Accuracy	Verify that all the data in the load table/file is accurate as per signed-off transformation rules and contents
Review Error Reports	Verify that all necessary error reports have been validated, and that errors have been addressed.
Verify Transformation Rules	Verify that the transformation rules are correct and have been carried out correctly

Load

Loading will be done through migration cockpit and therefore, data from the transformation export view to be exported into the load file format. export views to be prepared based on the field list from the load template attached.



Source data for Supplier.xml

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	Ensure the load tools are transported into the correct tool instance.	Data team
2	Ensure all required mappings are submitted and complete	Data team
3	Ensure Pre-load sign-offs are obtained.	Data team
4	Execute Upload tool	Data team
5	Generate the post load reports in tool.	Data team
6	Log errors as defects, if any and address resolutions. Close defects.	Data team
7	Resolve defects by reupload and re-generate post load reports if necessary.	Data team
8	Business to validate the post load files as part of post-load validation, raise data defects or provide the post-load sign-off.	Business
9	Repeat steps 5 to 7 if necessary.	Data team

Load Phase and Dependencies

Configuration

Item #	Configuration Item
1	Obtain the approved upload USER ID's to be used (e.g. Firefighter ID)
2	SAP USER profile (SU3) Date and Decimal Notation Formats are in sync with the load format
3	Company Code Configuration
4	Payment Terms Configuration
5	Payment Method Configuration
6	Reconciliation Account Configuration
7	Withholding Tax Types Configuration

8	Sort Key configuration
9	Planning Group configuration
10	Tolerance Group configuration
11	Payment block configuration
12	Authorization Group configuration
13	Planning Group configuration
14	Accounting Clerk configuration
15	House bank configuration
16	Tolerance Group configuration
17	Payment Method Supplement configuration
18	Recipient type configuration

Conversion Objects

Object #	Preceding Object Conversion Approach
3007	Business Partner – General
1067	GL Account Operational CoA (incl. secondary CE)

Error Handling

Error Type	Error Description	Action Taken
Configuration	<configuration> is not valid/missing	If it is a missing configuration item then engage Functional team to expedite and fix the error in the system.
Invalid Data	<parameter> is not valid.	The parameter entry needs to be reviewed (ex. invalid payment terms). If it is an invalid data, business needs to review and correct the source of the data either in PF2/WP2.
Technical Setup	Interface / Connection issue within target system's landscape	N/A – the data will be loaded directly to S/4HANA environment

Post-Load Validation

Project Team

Completeness

Task	Action
Verify Count for External Vendor	Verify that the record count in the post-load file is the same as the record count based on the relevancy (including deduplication) results
Verify Count for Intercompany Vendor	Verify that the record count in the post-load file is the same as the record count based on the approved records (intercompany Vendors)
Verify Count for Key Input Suppliers	Verify that the record count in the post-load file for Key Input supplier types are the same as the record count based on the approved records for Key Input Suppliers

Accuracy

Task	Action

Data Accuracy	Data team to verify that all the data in the load table/file is accurate as per signed-off transformation rules and contents
Error Reports	Verify that all necessary error reports have been validated, and that errors have been addressed.

Business

Completeness

Task	Action
Verify Count for External Vendor	Verify that the record count in the post-load file is the same as the record count based on the relevancy (including deduplication) results
Verify Count for Intercompany Vendor	Verify that the record count in the post-load file is the same as the record count based on the approved records (intercompany Vendors)
Verify Count for Key Input Suppliers	Verify that the record count in the pre-load file for Key Input supplier types are the same as the record count based on the approved records for Key Input Suppliers
Validate Loaded Data	Validate, as per the loads files signed-off, that all records were created

Accuracy

Task	Action
Verify Data Accuracy	Data team to verify that all the data in the load table/file is accurate as per signed-off transformation rules and contents
Review Error Reports	Verify that all necessary error reports have been validated, and that errors have been addressed.
Validate Loaded Data	Validate, as per the loads files signed-off, that all records were created

Key Assumptions

- Master Data Standard is up to date as on the date of documenting this conversion approach and data load.
- BP Vendor General is in scope based on data design and any exception requested by business.

See also

Change log

Version	Published	Changed By	Comment
CURRENT (v. 49)	Mar 09, 2026 11:46	NG-ext, Bernard	
v. 48	Jan 30, 2026 13:36	NG-ext, Bernard	
v. 47	Jan 30, 2026 13:35	NG-ext, Bernard	
v. 46	Jan 29, 2026 10:44	NG-ext, Bernard	
v. 45	Jan 21, 2026 14:38	NG-ext, Bernard	
v. 44	Jan 08, 2026 10:21	NG-ext, Bernard	
v. 43	Dec 18, 2025 12:57	NG-ext, Bernard	
v. 42	Dec 18, 2025 07:50	NG-ext, Bernard	

v. 41	Dec 15, 2025 12:23	NG-ext, Bernard
v. 40	Dec 15, 2025 09:17	NG-ext, Bernard

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Workflow history

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