

# Functional Requirements Document- Logistics

Prepared for  
**Technica**

Version: **2.0**

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# Introduction

## 1.1 Purpose

The Functional Requirements Document (FRD) describes in common terms:

- An overview of the processes comprising each Work stream
- An overview of each sub-process comprising the Work stream
- Major gaps between the business requirements and the functionality supported by the standard Microsoft Dynamics 365 solution
- The problem summary including current business/environment issues
- Proposed technology to support the new or altered business processes
- How implementation of the proposed solution will benefit the users/stakeholders

The FRD is the starting point of the solution and system development and is a collaborative effort between all business and technology stakeholders. The purpose of the Functional Requirements Document (FRD) is to document requirements for the requested system solution.

The objective of the Functional Requirements Document is to provide enhanced documentation for requirements that are a gap or will require a workaround or process change in order to fit the system solution of the client. The need for any modifications is clarified through the FRD. The FRD forms the basis of the subsequent task concerning the system design.

This document focuses on Production requirements.

## 1.2 Acronyms

Abbreviation	Explanation
FRD	Functional Requirement Document
System	Dynamics 365 Finance & Operation
D365	Dynamics 365 Finance & Operation
Backoffice	D365 F&O

## 1.1 Business Processes List

### 1.2 Processes List

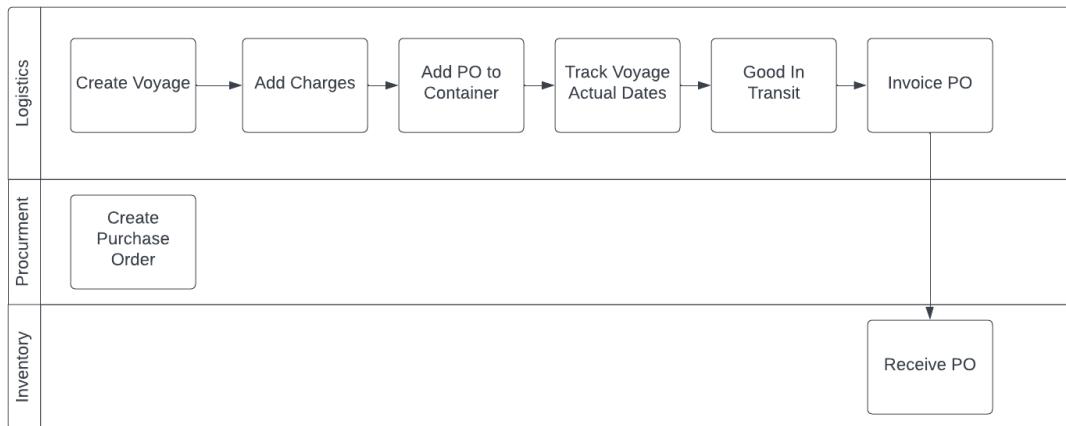
To elaborate and define the functionality, the following processes have been presented in the subsequent sections:

Process ID	Name
LOG001	Inbound Shipments Overview
LOG002	Direct Delivery Overview
LOG003	Outbound Shipments Overview

## 1.3 Logistics Processes

### 1.3.1 LOG001 – Inbound Shipments Overview

#### Process Overview



Once the vendor confirms the delivery date, the procurement informs the logistics that the goods will be ready for shipment by email.

1. The Procurement will then create a voyage to track the shipment(update process flow);

The screenshot shows the SAP Fiori interface for managing voyages. The top navigation bar includes 'New', 'Delete', 'Voyage costs', 'Shipping containers', 'Folios', 'Voyage', 'Manage' (which is highlighted), 'General', and 'Options'. Below the navigation is a toolbar with several buttons: 'Voyage update', 'Purchase order', 'Transfer order', 'Goods in transit', and 'Functions'. The 'Functions' section contains links for 'Find auto costs', 'Aggregate costs', 'Create arrival journal', 'Change journey template', and 'Accrue costs'. A message bar at the top indicates 'Operation completed'. The main area displays a table titled 'All voyages' with a 'Standard view'. The table has columns: Voyage, Description, Booking reference, Voyage status, Purchase order stat..., Vessel, External voyage ID, Journey template, and Document...'. The table lists several voyages, including '000000013 Goods From Germany', '000000014 AAA', '000000015 AAAA', '000000016 Very long Voyage', '000000017 short voyage', '000000018 good from Poland', '000000019 goods from England', '000000020 good from Romania' (which is currently selected), '000000021 Direct Delivery', and '000000022 Direct Delivery 2'. The 'External voyage ID' column shows values like 'V665533' and 'GER-LEB-Ocean'.

2. The logistics then select the Journey Template on the voyage (discussed in section 0)

3. The logistics then add the expected charges on this particular voyage noting that these will be added on top of the item cost

*The Logistics want to be able to generate a report for each charge code separately for reporting purposes.*

4. The Procurement agent can assign a single or multiple Purchase order and even transfer order to this voyage; *the agent can mix and match lines from multiple purchase order.*

The screenshot shows the 'Voyage editor' screen with the ID '000000024'. It displays a table of 'Inbound orders' with columns for Select, Expected date, Reference, Number, Lines, Quantity, Volume, Weight, Company, and a status column. One row is selected, highlighted in yellow. Below this is a table for 'Lines to select' with columns for Select, Transfer q..., Reference, Number, Expected date, Item number, Quantity Unit, Inventory ..., Volume, Weight, Company, and Close. A single line is selected here as well.

- Once the Purchase order(s) is selected on the Voyage the whole load is added to a container or multiple container

The screenshot shows the 'Add staging list to shipping container' screen. It has sections for 'Lines in staging list' and 'Existing shipping container in voyage 000000024'. The 'Lines in staging list' section shows a single row for a Purchase order. The 'Existing shipping container' section shows a table with columns for Shipping container, Voyage, Shipping container type, Voyage status, Purchase order stat..., Vessel, and Journey template. A specific row for 'CONT-18754' is highlighted in yellow.

If the logistics want to track all their containers they can refer to the **All Shipping Containers** which allows them if needed to track all their containers and their status

The screenshot shows the 'All shipping containers' screen. It has tabs for General, Options, Journals, Activities, and Inquiries. Under Activities, 'Tracking' is selected. The main table lists shipping containers with columns for Shipping container, Voyage, Shipping container type, Voyage status, Purchase order stat..., Vessel, and Journey template. The first row, 'ContAA11', is highlighted in blue.

- Once the shipping documents are received the Procurement will need to update the voyage by clicking on "Documents Received" , this will update the voyage status and

will notify the logistics by email that the documents on a specific voyage is received, *then the Documents are provided to the accounting department.*

**Voyage update**

- Documents received: Ready for costing, In transit
- Costed

**Purchase order**

- Post receipts list
- Post product receipt
- Post invoice

**Transfer order**

- Ship transfer order
- Receive transfer order

**Goods in transit**

- Receive goods in transit

**Functions**

- Find auto costs
- Create arrival journal
- Aggregate costs
- Accrue costs

All voyages

**Standard view**

○ Voyage	↑ Description	Booking reference	Voyage status	Purchase order stat...	Vessel	External voyage ID	Journey template	Document...
000000013	Goods From Germany		10-Created	Open order	V665533		GER-LEB-Ocean	
000000014	AAA		10-Created	Open order	V665533		GER-LEB-Ocean	
000000015	AAAA		10-Created	Open order	V665533		GER-LEB-Ocean	
000000016	Very long Voyage		20-GIT	Open order	V665533		GER-LEB-Ocean	
000000017	short voyage		20-GIT	Open order	V665533		GER-LEB-Ocean	
000000018	good from Poland		10-Created	Open order	V665533		GER-LEB-Ocean	
000000019	goods from England		10-Created	Open order	V665533		GER-LEB-Ocean	
000000020	good from Romania		10-Created	Invoiced	V665533		GER-LEB-Ocean	
000000021	Direct Delivery		20-GIT	Received	V665533		GER-LEB-Ocean	
000000022	Direct Delivery 2		10-Created	Received	V665533		GER-LEB-Ocean	
000000024	Good From New Zeland		10-Created	Open order	V665533		GER-LEB-Ocean	

7. Once the goods take off from a port, the logistics can set the Voyage to IN TRANSIT; which will transfer the goods to a special GOODS IN-TRANSIT warehouse, since they are in Technica's custody.

Voyage	Description	Booking reference	Voyage status	Purchase order stat...	Vessel	External voyage ID	Journey template	Document...
000000013	Goods From Germany		10-Created	Open order	V665533	GER-LEB-Ocean		
000000014	AAA		10-Created	Open order	V665533	GER-LEB-Ocean		
000000015	AAAA		10-Created	Open order	V665533	GER-LEB-Ocean		
000000016	Very long Voyage		20-GIT	Open order	V665533	GER-LEB-Ocean		
000000017	short voyage		20-GIT	Open order	V665533	GER-LEB-Ocean		
000000018	good from Poland		10-Created	Open order	V665533	GER-LEB-Ocean		
000000019	goods from England		10-Created	Open order	V665533	GER-LEB-Ocean		
000000020	good from Romania		10-Created	Invoiced	V665533	GER-LEB-Ocean		
000000021	Direct Delivery		20-GIT	Received	V665533	GER-LEB-Ocean		
000000022	Direct Delivery 2		10-Created	Received	V665533	GER-LEB-Ocean		
000000024	Good From New Zeland		10-Created	Open order	V665533	GER-LEB-Ocean		

8. Once done, the logistics can provide the accounting department with the all documents related to the shipment,  
 9. From here on the logistics will track the actual dates for each voyage leg

Leg	Mode of delivery	Activity	Description	Start date	Estimated end date	Actual end date	Estimated days	Actual days	Note
GER-PORT	Ocean	Loading	Loading	6/20/2023	6/23/2023	6/24/2023	3	4	
MACGM	Ocean	Ship	Ship	6/24/2023	7/6/2023	7/7/2023	12	13	
BEY-PORT	Ocean	OffLoading	OffLoading	7/7/2023	7/9/2023		2	0	

Which automatically updates the **Confirmed delivery date** on the purchase order line

Line details	General	Setup	Address	Product	Delivery	Picking	Price and discount	Project	Product packages	Variants	Foreign trade	Fixed assets	Financial dimensions	Loads	Landed cost
<b>DELIVERY DATE</b>				<b>DELIVERY</b>						<b>DIRECT DELIVERY</b>					
Delivery date 7/26/2023				Overdelivery 0.00						Comments					
Confirmed delivery date <b>7/9/2023</b>				Underdelivery 0.00											
				Delivery type Stock											

And on a related note, which was previously discussed, whoever has an interest in tracking inbound shipments, they can check the **open purchase order lines**, where they

can track the estimated and confirmed delivery date, which as just demonstrated is updated live while the logistics are tracking their voyage

Technica ▾									
Open purchase order lines									
Overview		Purchase order							
Inventory ▾									
○ Vendor account	Purchase order	Line number	Item number	Procurement category	Delivery date	Confirmed delivery date	Deliver re...	Quantity	Voyage status
○ 1003	TECH-000021	1	PRNCRCA25-b		7/19/2023		4.00	4.00	
1003	TECH-000021	2	PRNCRCA25-b		7/19/2023		4.00	4.00	
1003	TECH-000021	3	PRNCRCA25-b		7/19/2023		4.00	4.00	
1003	TECH-000021	4	PRNCRCA25-b		7/19/2023		4.00	4.00	
1003	TECH-000021	5	PRNCRCA25-b		7/19/2023		4.00	4.00	
1003	TECH-000021	6	PRNCRCA25-b		7/19/2023		4.00	4.00	
1003	TECH-000021	7	PRNCRCA25-b		7/19/2023		4.00	4.00	
1003	TECH-000021	8	PRNCRCA25-b		7/19/2023		4.00	4.00	
1003	TECH-000021	9	PRNCRCA25-b		7/19/2023		4.00	4.00	
1003	TECH-000021	10	PRNCRCA25-b		7/19/2023		4.00	4.00	
1002	TECH-000022	1	SAL1245-21CCRC...		7/20/2023	7/2/2023	2.00	2.00	
1002	TECH-000022	2	SAL1245-21CCRC...		7/20/2023	7/2/2023	2.00	2.00	
1002	TECH-000032	1	PRNCRCA25-a		6/5/2023		1.00	1.00	TECH-000053
1003	TECH-000035	1	FABO.HH.106		6/19/2023		20.00	20.00	
1003	TECH-000035	2	FANUUX-1		6/13/2023		30.00	30.00	
1003	TECH-000035	3	PRNCRCA25		6/1/2023		100.00	100.00	
1002	TECH-000051	1	SAL1245-21CCRC...		7/10/2023		12.00	12.00	1-Test
1002	TECH-000052	1	SAL1245-21CCRC...		7/10/2023		12.00	12.00	1-Test
1002	TECH-000053	1	SAL1245-21CCRC...		7/6/2023	6/22/2023	6.00	6.00	1-Test
1002	PO-000054	1	SAL1245-21CCRC...		7/6/2023	6/29/2023	6.00	6.00	1-Test
1002	PO-000055	1	SAL1245-21CCRC...		7/26/2023	7/9/2023	2.00	2.00	1-Test
1005	PO-000057	1	ISO 4032 - M20		6/15/2023		10.00	10.00	1-Test

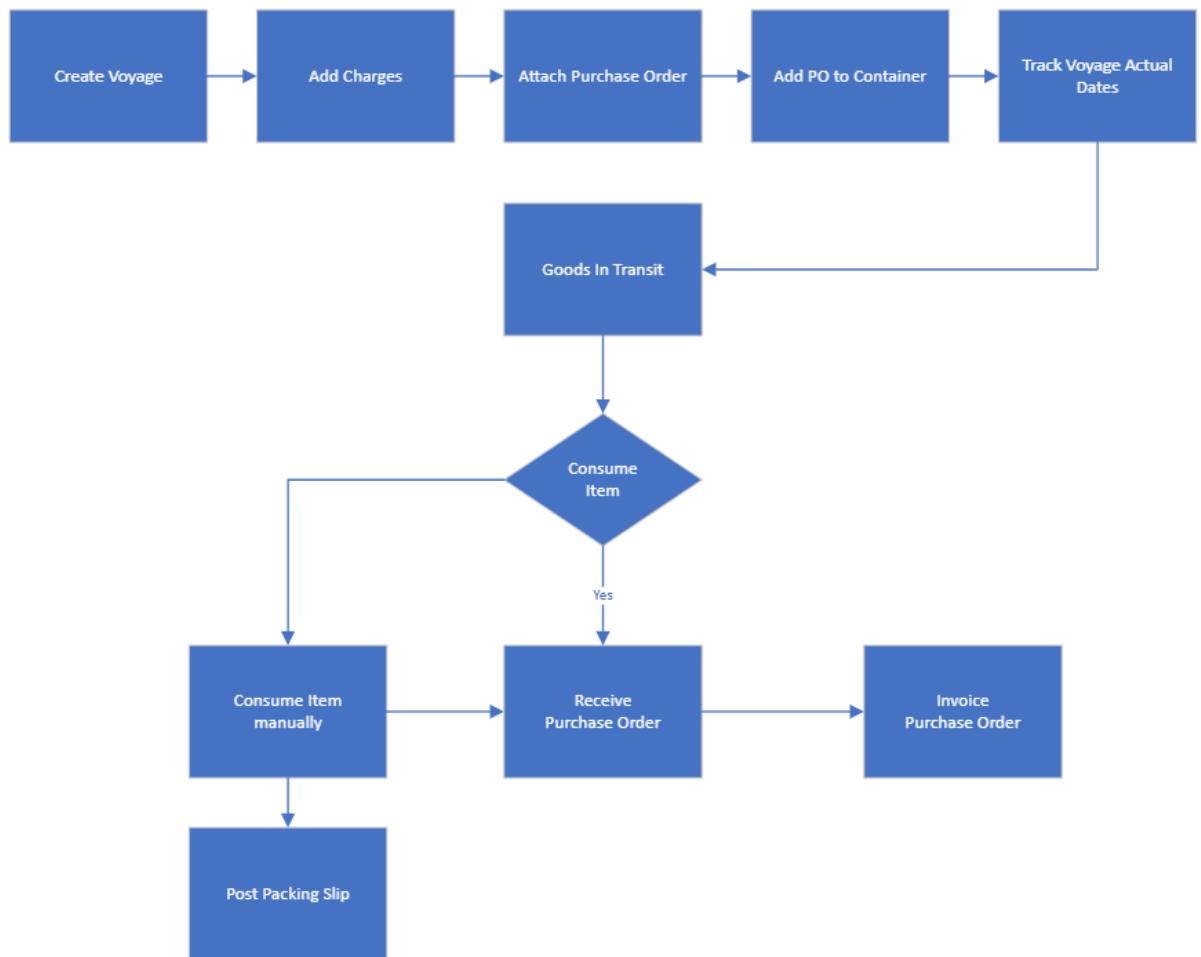
10. At this stage, the finance can Invoice the Purchase order since the goods are already in Technica's ownership (but still NOT received yet);
11. Once the goods are physically received the voyage can be received by the warehouse department.

## Requirements

ID	Description	Fit/Gap
LOG001-01	Ability to create a Voyage	FIT
LOG001-02	Ability to Add Charges on the Voyage	FIT
LOG001-03	Ability to add single or multiple PO line to Voyage	FIT
LOG001-04	Ability to track goods in Container	FIT
LOG001-05	Ability to split goods across multiple containers	FIT
LOG001-06	Ability to track Expected and Actual Shipment Dates	FIT
LOG001-07	Ability to Invoice Purchase order & Receive PO	FIT
LOG001-08	Email Notification to logistics	GAP

### 1.3.2 LOG002 – Direct Delivery Overview

#### Process Overview



In case of direct delivery, Technica wishes to purchase goods and directly deliver them onsite in this case:

1. a sales order is created of type "Item Requirement", the **Project department** sets the sales order to direct delivery; *the item that needs to be directly delivered to the customer needs to be removed from the BOM lines, so the factory needs to locate this specific production order and remove the item/part that needs to be delivered directly to the customer from the BOM because it is only be used during assembly.*

Sales order | My view ▾

**TECH-000071 : Nestle**

**Sales order header**

**Sales order lines**

Line details		General	Setup	Address	Product	Packing	Delivery	Sourcing	Price and discount	Project	Foreign trade	Financial dimensions	Loads
		DELIVERY DATE	Delivery alternatives	Requested ship date	PRNCCRA25-b	zzz	MISC. DELIVERY INFO	Mode of delivery	Ocean			CARRIER INFORMATION	SHIPPING LOCATION TIME ZONE
				6/15/2023			Delivery terms	Delivery type	Stock			Shipping carrier	Time zone
				Requested receipt date			Overdelivery	Overdelivery	0.00			Comments	(GMT+02:00) Beirut
				6/15/2023			Undelivery	Undelivery	0.00				PICKUP TIME SLOT
							DIRECT DELIVERY	Direct delivery	No				Pickup Time Range

- and the purchase order is firmed by the **procurement department** from master planning;

All purchase orders | My view ▾

**PO-000058 : 1003 - General Supplies**

**Purchase order header**

**Purchase order lines**

Line details		General	Setup	Address	Product	Delivery	Picking	Price and discount	Project	Product packages	Variants	Foreign trade	Fixed assets	Financial dimensions	Loads
		DELIVERY DATE	Delivery date	6/28/2023	1 PRNCCRA25-b	zzz	DELIVERY	Overdelivery	0.00						
			Confirmed delivery date				Underdelivery	Underdelivery	0.00						
							Delivery type	Delivery type	Stock						
							DIRECT DELIVERY	Direct delivery status				Comments			
								Direct delivery	No						

- Once the Purchase Order is confirmed by the procurement
- The Procurement can then create a voyage; at which point charges are added,
- The Commercial Invoice is then printed for the shipment documents.
- Once the goods are shipped the voyage is set to “**In-Transit**” by the logistics

Edit   Voyage editor Voyage costs Voyage Manage General Options

Voyage update	Purchase order	Transfer order	Goods in transit	Functions
Documents received Ready for costing <input checked="" type="checkbox"/> In-transit	Post receipts list Post product receipt Post invoice	Ship transfer order Receive transfer order	Find auto costs Create arrival journal Accrue costs	Aggregate costs Change journey template

Voyages | Standard view 000000021 : Direct Delivery

[Voyage header](#)

<b>STATUS</b> Voyage status <u>20-GIT</u>	<b>IDENTIFICATION</b> Master air waybill/bill of lading <u>House air waybill/Bill of lading</u>	<b>Customs entry identifier</b> <u>V665533</u>	<b>PORTS</b> From port <u>GER-PORT</u>	<b>JOURNEY</b> Journey template <u>GER-LIB-Ocean</u>	<b>MEASUREMENTS</b> Measurement <u>0.0000</u>
Purchase order status <u>Received</u>		Tally in #number	To port <u>BEY-PORT</u>	SHIPPER	Measurement unit
Documents received <input checked="" type="radio"/> No				Shipping company <u>1004</u>	Number of pallets <u>0</u>
				Name <u>DHL</u>	

**Voyage lines** Refresh

<input type="radio"/> Shipping container	Folio	Item number	Reference	Number	Status	Quantity	Purchase p...	Net amount	
<input checked="" type="radio"/>	CONDTR7856	TECH-00009	PRNCRAZ5-b	Purchase order	PO-00058	Received	222.00	15.00	3,330.00

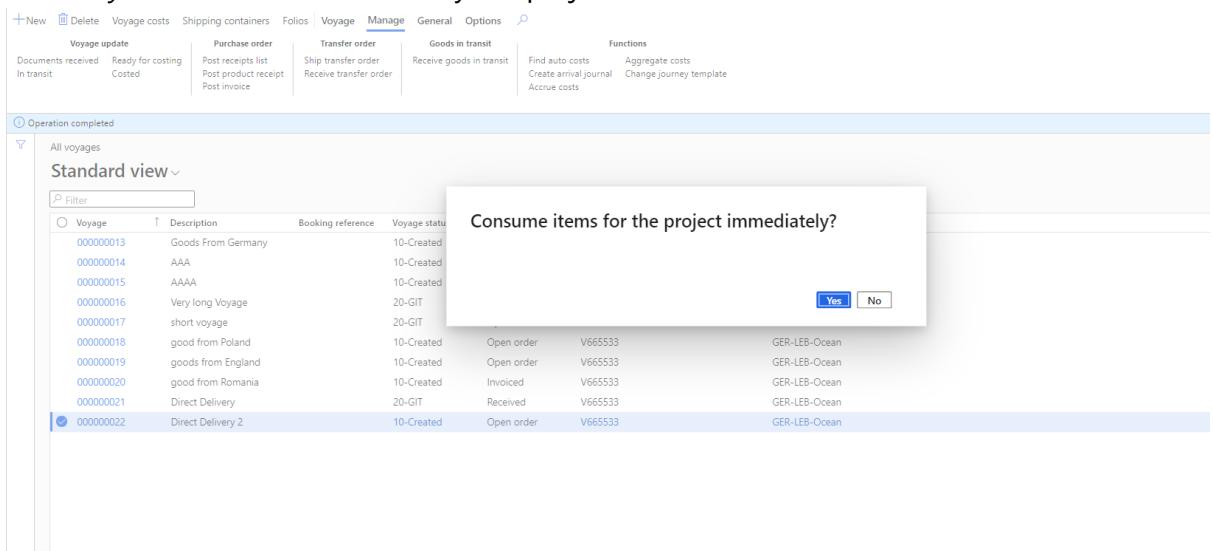
[Line details](#)

<b>General</b> Reference	<b>Identification</b>	<b>Company</b>	<b>Measurement unit</b>	<b>Quantity</b>	<b>Position</b>
Voyage <u>-----</u>	Folio <u>TECH-00009</u>	Item number <u>PRNCRAZ5-b</u>	tech	Measurement unit <u>-----</u>	Quantity <u>-----</u>

7. Once the goods are received onsite, the purchase order can be received from the voyage by the site leader.

8. Once the Purchase order is received the , Sales order created in the beginning will be automatically Delivered and the purchase order will be updated to Received

9. At this point the system will prompt the user whether the items received onsite will be consumed or not; *item consumption is when the item is physically deducted from inventory and its cost consumed by the project.*



If there are Goods that remain onsite and need to be returned , any shipping charges need to be allocated on the project itself noting that the item cost will not affect the project since it is not consumed and will be consumed later by another project.

## Option 2:

The customer site can always be created as a separate warehouse,

1. A purchase order can be created with receiving warehouse "Customer Site"
2. The logistics can then create a voyage to manage this trip, to which charges codes will be added
3. Once the goods are shipped and received on the customer site, the Purchase order can be received to the "Customer Site" warehouse;
4. The finance can then invoice the purchase order

## Requirements

ID	Description	Fit/Gap
LOG002-01	Ability to Ship goods as direct shipment	FIT

### 1.3.3 LOG003 – Outbound Shipments Overview

#### Process Overview

The Project manager informs the logistics that a shipment is ready to shipped, this shipment is already an item requirement in the project

1. The Logistics will create a load based on the item requirement, *the Item Requirement will be defined by the project manager on the Project WBS, which is pushed to the Item Requirement automatically.*

The screenshot shows the SAP S/4HANA Load Planning Workbench interface. At the top, there are tabs for 'Supply and demand', 'Filters', and 'Options'. Below the tabs, there are buttons for 'Add', 'Related information', 'Consolidate', 'To new load', 'Entire order to new load', 'Rate route workbench', 'Original document', 'To existing load', and 'Entire order to existing load'. The main area is titled 'My view ~' and contains a search bar with fields for 'Supply and demand filter', 'Site', 'Warehouse', 'Ship date' (set to 6/17/2023), and 'Receipt date'. Below the search bar are buttons for 'Sales lines', 'Transfer lines', and 'Purchase order lines'. A 'Display dimensions' section allows filtering by ZIP/postal code, City, Country/region, State, Sales order, Line number, Item number, Quantity, Inventory..., CW quantity, CW unit, Packing qu..., Quantity le..., Weight, Volume, Requested ship..., and Receipt date. A 'Loads' section at the bottom lists two entries: 'LOAD-000002' (Outbound, Technica, 2002) and 'TECH-000001' (Outbound, Technica, 2002). Each entry includes columns for Load ID, Direction, Site, Warehouse, Load lines, Shipments, Incomplete reservation, Load status, Scheduled load shipping date, Load template ID, Total freight, Max. allow., and Load cap.

2. The logistics will add a route on the load; Zip code is not mandatory, Country/port or airport can be used instead of zip code; Technica might use the ZIP code in both situation

The screenshot shows the SAP S/4HANA Routes Workbench interface. At the top, it says 'Routes | LOAD-000002 : OUTBOUND' and 'My view ~'. Below the title, there is a 'Routes' section with a table showing one route entry: 'TECH-000001'. The table columns include Route, Description, Route status, Site, Warehouse, Pickup ZIP/postal..., Drop off ZIP/postal..., Miles, Transit days, Route guide, Route plan, Rate, Shipper rate, Customer r..., and Curr... LBP. Below the routes table is a 'Segments' section with a table showing a single segment: '1 2002 - Assembly Out' with destination 'LBN'. The segments table columns include Sequence, Origin, Country/region, ZIP/postal code, Destination, Country/region, ZIP/postal code, Rate, Shipper rate, Customer r..., Currency, Loads, Shipping carrier, Carrier service, and Carrier group.

3. The logistics department will get be getting multiple request for quotations for this shipment and will record them in the Transportation Tenders

The screenshot shows the SAP Fiori interface for managing transportation tenders. At the top, there are buttons for Save, New, Delete, Route rate details, Vendor invoice journals, View route documents, Transportation tenders, Options, and a search bar. Below this, a section titled 'My view' displays a route plan with one entry: TECH-000001. The route details include: Route status: None, Site: Technica, Warehouse: 2002, Pickup ZIP/postal code: 00210, Drop off ZIP/postal code: 00210, Miles: 0.00, Transit days: 0.00, and Route guide: None. The Rate is 0.00, Shipper rate is 0.00, Customer rate is 0.00, and Cumulative rate is 0.00 LBP. Below the route plan, there are tabs for Segment, Segment information, Load, Shipment, and Container. Under Segment, a table shows a single row: Sequence: 1, Origin: 2002 - Assembly Out, Country/region: LBN, Destination: USA, ZIP/postal code: USA, ZIP/postal code: 00210, Rate: 0.00, Shipper rate: 0.00, Customer rate: 0.00, Currency: USD, Loads: 1, Shipping carrier: Carrier service: DHL, Carrier group: MESHBK.

This will allow the logistics to compare rate

The screenshot shows the SAP Fiori interface for managing transportation tenders. The title bar includes Save, New, Delete, Update status, Print tender, and Options. The main area is titled 'TECH-00001 | My view'. It shows a list of tenders: TECH-00002 (Pending) and TECH-00003 (Pending). The detailed view for TECH-00001 shows the following fields: Reference type: Route, Reference ID: TECH-00001, General: Shipping carrier: MESHBK, Carrier service: DHL, Weight: 0.00, Equipment: 0.00, Rates: Requested pickup date and time: 6/18/2023 09:00:00, Requested rates: 0.00, Confirmed pickup date and time: 6/18/2023 09:00:00, Confirmed rates: 709.00, Currency: USD. Addresses: PICKUP CHARGES: Name or description: Technica International, Address: LBN, City: LBN, State: , Country/region: LBN, ZIP/postal code: ; DROP OFF CHARGES: Name or description: USA, Address: Portsmouth, NH, ROCKINGHAM, Portsmouth, NH 00210, USA, City: Portsmouth, State: NH, Country/region: USA, ZIP/postal code: 00210.

4. Once the best carrier is selected, the logistics can release the load,
5. The finance will then generate the Commercial Invoice & the packing Slip(LOG004) for shipping; *the commercial invoice will have no effect on the accounting, it is just a report used for the shipping process.*
6. Once the goods have reached their destination, the logistics can post the packing slip(otherwise known as Delivery note), The forwarder shipping invoice will be linked to the forwarder account.

## Requirements

ID	Description	Fit/Gap
LOG003-01	Ability to track outbound shipments	FIT
LOG003-02	Ability to track multiple rate for different carriers	FIT
LOG003-03	Ability to create Load for tracking shipments	FIT
LOG003-04	Ability to Print out a Commercial Invoice	FIT

### 1.3.1 LOG004 –Packing

#### Process Overview

In order to do the packing, all parts need to be packed in boxes to be prepared for shipping. To do this, the logistics will open explode BOM screen and start assigning box names to all the BOM Lines

My view ▾										
Explode BOM										
BOM		Configuration		Product name						
Item	Configuration	PS	Product name	Conveyor / Painted Steel						
SAL1245-21...	PS									
QUANTITY										
Quantity	Unit	1.00	ea							
<input type="radio"/> Item number	Configuration	Size	Color	Style	Site	Warehouse	Quantity	Per series	Unit	T...
<input checked="" type="radio"/> SAL1245-21CCRC00B					Technica		1.0000	1	ea	☒
SAL1245-21CCRC00C					Technica		1.0000	1	ea	☒
FA.B0.HX.106					Technica	1000	1.0000	1	ea	☒
FA.NU.HX.1					Technica	1000	1.0000	1	ea	☒
SAL1245-21CCRC41					Technica	1002	1.0000	1	ea	☒
PUC - R37DRN90L4BE2H					Technica		1.0000	1	ea	☒
SAL1245-21CCRC34					Technica		1.0000	1	ea	☒

On each line the box number will assigned as well as the box name,

Once all lines are done the packing slip can be printed showing what each box has in terms of items

#### Requirements

ID	Description	Fit/Gap
LOG004-01	Ability to assign/re-assign Box Numbers to parts being shipped	GAP

### 1.3.2 LOG000 - Setup

#### Journey Template

The logistics department can create as many Journey's as they need , each leg will define portion of the journey

Journey templates								
Leg	Description	From port	To port	Mode of delivery	Journey from port	Journey to port	Shipping company	
GER-PORT	GERMANY	GER-PORT	GER-PORT	Ocean	✓			
MACGM	MACGM	GER-PORT	BEY-PORT	Ocean			1004	
BEY-PORT	Beyrouth PORT	BEY-PORT	BEY-PORT	Ocean	✓			

These will be provided by Technica during the migration phase

## Requirements

ID	Description	Fit/Gap
LOG004-01	Ability to create multiple journey template from origin to destination	FIT

## Journey Legs

The journey leg defines each portion of the journey ,

The screenshot shows the 'Legs' section of the Tracking control center. On the left, there is a sidebar with a tree view showing nodes like 'BEY-PORT', 'GER-PORT', 'MACGM', and 'Port'. The main area displays a table with one row:

Leg	Description
BEY-PORT	Beyrouth PORT

Below this, under 'General', there are fields for 'SETUP': 'From port' (BEY-PORT) and 'To port' (BEY-PORT). There are also fields for 'Mode of delivery' (Ocean).

the most important part of defining a leg in a journey is defining the lead time required for this particular leg in terms of time, which is done from the tracking control center.

The screenshot shows the 'Tracking control center' configuration. On the left, there is a sidebar with a 'Create type' dropdown set to 'Lead time'. The main area displays a table with two rows:

Source table	Source field	Target table	Target field
Shipping container activ...	Start date	Shipping contain...	Estimated end date

On the right, there is a detailed configuration panel for the 'BEY-PORT - BEYROUTH PORT | Standard view' entry:

Source table	Target table	Mode of delivery	To port	Matching criteria	Copy action
Shipping container a...	Shipping container a...	Ocean	BEY-PORT	Source	Copy
Source field	Target field	From port	Activity	Lead time	Default
Start date	Estimated end date	BEY-PORT	OffLoading	2	

Below this, there are sections for 'Leg' (BEY-PORT) and 'Service provider'.

This will affect the estimated delivery date of the voyage ; *The Tracking control center is where you define what each of the journey legs require in terms of lead time, each leg lead time will allow calculating the estimated arrival date*

Edit + New Delete Update start date Update actual end date Add activities Options																																																	
00000019 : GOODS FROM ENGLAND   Standard view ▾																																																	
<b>Inbound tracking</b>																																																	
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These will be provided by Technica during the migration phase

Technica requested if it is possible to add multiple lead times and as a result get an average lead time to any voyage leg, this is not available out of the box and would require customization if it is necessary.

## Requirements

ID	Description	Fit/Gap
LOG004-02	Ability to create multiple journey legs	FIT
LOG004-03	Ability to tack lead time for each journey leg	FIT
LOG004-04	Calculate Average lead time per leg	GAP

## Mode of Delivery

The mode of delivery can Ocean, Air, Land or anything that the logistics might need

Save + New Delete Translations External codes Transport calendar Process delivery mode Options																	
Standard view ▾ Modes of delivery																	
<table border="1"> <thead> <tr> <th>Mode of delivery</th><th>Description</th><th>Charges group</th><th>Expedite</th></tr> </thead> <tbody> <tr> <td>Ocean</td><td>Ocean</td><td></td><td></td></tr> </tbody> </table>										Mode of delivery	Description	Charges group	Expedite	Ocean	Ocean		
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These will be provided by Technica during the migration phase

## Requirements

ID	Description	Fit/Gap
LOG004-03	Ability to maintain mode of delivery	FIT

## DOCUMENT APPROVALS

I have reviewed the information contained in this document and approved it through sign off below:

Name	Department	Date	Signature

Comments:

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The specifications and conditions are hereby accepted. Info-Sys is authorized to execute the project as outlined in this document. This document is not valid until signed by the customer representative and returned to Info-Sys.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_