

UC-SSF-0502: Transhipment Notification

1. Use Case Description

This use case describes the process where a small-scale fisher logs a transhipment notification activity using the Small Scale Fisheries Application. Transhipment refers to the transfer of catch from one vessel to another at sea or in port. This use case describes the process by which a **transhipment event** is detected and communicated to relevant FMC.

1.1. Goal

This detailed use case provides a structured approach to logging transhipment notification activities in the Small Scale Fisheries Application. To notify relevant FMC when a shipment undergoes transhipment.

1.2. Pre-conditions

1. The vessel has a valid and active trip record in the system.
2. The vessel is either at sea or in a designated port location approved for transhipment.
3. Vessel has already submitted transhipment suthorization request.

1.3. Post-conditions

1. The transhipment notification is successfully recorded in the system with details of the catch transferred.
2. Relevant authorities receive notification and updates about the transhipment for tracking.
3. A confirmation or receipt of transhipment is sent to the vessel.

1.4. Trigger Event(s)

1.4.1. Primary Actor:

1. Fisher

1.4.2. Secondary Actor(s):

1. Application
2. FMC

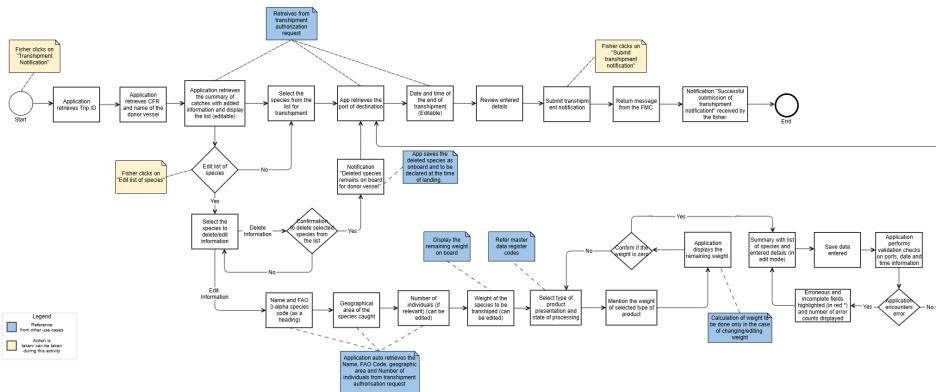
2. Use Case Details



In the activity diagram below:

References from other use cases are marked in "BLUE"

Action is taken or can be taken during this activity are marked in "YELLOW"



2.1. Primary Path

Step ID	Actor	Action	Notes and References
---------	-------	--------	----------------------

PF-1	Fisher	The flow is triggered when fisher clicks on "transhipment notification".	
PF-2	Application	Retrieves the CFR number and name of the donor vessel.	
PF-3	Application	Automatically retrieves the summary of catches with added information and display the list. Option to edit list of species is provided by the application.	Data sourced from "transhipment authorization request" use-case. The displayed list of catches is editable. AF-1: Edit list of species
PF-4	Fisher	Selects the species from the list which need to be transhipped and do not want to edit the list of species.	
PF-5	Application	Retrieves the port of destination	Data sourced from "transhipment authorization request" use-case.
PF-6	Application	Displays date and time of the end of transhipment (Editable field)	Data sourced from "transhipment authorization request" use-case.
PF-7	Fisher	Do not want to change the date and time of the transhipment.	
PF-8	Application	Asks to review the entered details before sending the notification.	
PF-9	Fisher	Reviews the details entered and auto retrieved by the application.	
PF-10	Application	Application displays the icon of "submit transhipment notification".	
PF-11	Fisher	Clicks on Submit transhipment notification.	
PF-12	FMC	Sends the return message from the FMC after submitting.	
PF-13	Application	Sends a notification confirming "Successful submission of transhipment notification" received by the fisher. This ends the primary flow.	

2.2. Alternative Path(s)

2.3.1 AF-1: Edit list of species and delete information

Step ID	Actor	Action	Notes and References
AF-A1		The entry point is PF-3 of the primary flow.	
AF-A2	Fisher	Wants to edit the list of species and clicks yes.	
AF-A3	Application	Asks to select the species to delete/edit the information.	AF-2: Edit the information
AF-A4	Fisher	Wants to delete the selected species information and clicks delete information	
AF-A5	Application	Asks for the confirmation to delete selected species from the list.	
AF-A6	Fisher	Selects yes to proceed.	
AF-A7	Application	Displays notification "Deleted species remains onboard for donor vessel".	App saves the deleted species as onboard and to be declared at the time of landing.
AF-A8	Application	Then application returns to PF-5 of primary flow and all the steps of primary path are followed till the end. This ends the alternate flow.	PF-15 of primary flow.
AF-A9	Application	On confirmation if fisher selects no, then application redirects to AF-A3 of AF-1.	Redirects to AF-A3 of AF-1.

2.3.2 AF-2: Edit the information

Step ID	Actor	Action	Notes and References
AF-A1		The entry point is AF-A3 of the alternate flow AF-1.	
AF-A2	Application	Asks to select the species to delete/edit the information.	
AF-A3	Fisher	Wants to edit the selected species information and clicks edit information	
AF-A4	Application	Application displays Name, FAO code and geographic area of the selected species in uneditable mode.	Data sourced from "transhipment authorization request" use-case.
AF-A5	Fisher	Reviews and confirms details like Name, FAO code, geographic area and edits number of individuals and weight (Number and weight depends upon the amount of transhipment).	
AF-A6	Application	Application asks fisher to select the type of product presentation and state of processing.	
AF-A7	Fisher	Fisher selects the type of product presentation and state of processing.	
AF-A8	Application	Application asks to mention weight of selected type of product.	In case the weight of selected species changes app will ask to mention weight, if not app will display the same weight.

AF-A9	Fisher	Mentions weight of selected type of product.	
AF-A10	Application	Applies a conversion factor, if applicable, to adjust the weight for processing.	
AF-A11	Application	Displays the remaining weight on board of the selected species for the fisher's reference.	
AF-A12	Application	Application checks if the remaining weight is equal to or less than zero kg then it proceeds to the next step.	Calculation of the weight to be done only in the case of changing /editing weight. AF-3: Confirms if the weight is zero.
AF-A13	Application	Application displays summary with list of all the species and entered details.	
AF-A14	Fisher	Confirms and clicks on "save data entered".	
AF-A2	Application	Application performs validation checks, if the application encounters error.	
AF-A3	Application	Then application highlights the incomplete or erroneous fields (in red) and displays an error message with number of error counts.	
AF-A4	Fisher	Fisher corrects the data as per highlighted fields and errors displayed and confirms the data entered.	
AF-A5	Application	Then application returns to PF-5 of primary path and all the steps of primary path are followed and the flow ends.	PF-5 of primary path

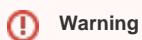
2.3.3 AF-3: Confirms if the weight is zero.

Step ID	Actor	Action	Notes and References
AF-A1		The entry point is AF-A12 of the alternate flow AF-2.	
AF-A2	Application	Application checks and confirms if the weight of the selected species is zero, if no	
AF-A3	Application	Then application returns to AF-A11 of alternate flow AF-1 and all the steps of alternate path are followed and the flow ends..	AF-A11 of alternate flow AF-1

2.3. Exception Path(s)

3. Use Case Realisation

3.1. Data Attributes



As we see some changes in the use cases, same will be reflected in the data attributes. It is still in planning phase and are subjected to change.

Column Name	LV Objects/Code List	SSF Objects/Code List	Data Type	Short Description	Notes or Comments
Type	/listID=FLUX_FA_TYPE value=TRANSHIPMENT		Code	A code describing the type of Fishing_ Activity	