

UC-SSF-0304: Exit from effort zone or 3rd party waters

Warning

This use case is currently in the planning phase and location to keep it is not finalized yet, please be aware that there may be changes to the use cases. Adjustments or revisions may occur.

1. Use Case Description

This use case describes the process where a small-scale fisher logs their vessel's entry into and exit from a regulated fishing effort regime zone or 3rd party waters using the Small Scale Fisheries Application. This process ensures that fishers comply with regulatory restrictions in different zones and provides authorities with real-time tracking of vessel activities.

1.1. Goal

This use case covers the steps involved in logging a vessel's exit from regulated fishing effort regime zones or 3rd party waters, ensuring regulatory compliance and real-time tracking for authorities. It also includes alternative flows to log fishing activity depending upon the selection of reason for entry.

1.2. Pre-conditions

1. The vessel is currently inside a regulated fishing effort regime zone or 3rd party waters.
2. The vessel is actively on a fishing trip,
3. Vessel is leaving a regulated zone or 3rd party waters and wanted to notify relevant authorities.

1.3. Post-conditions

1. The exit from the regulated fishing effort regime zone or 3rd party waters is successfully submitted and recorded in the system.
2. The system updates the vessel's trip record with the exit data.
3. Relevant authorities are notified of the exit.

1.4. Trigger Event(s)

1.4.1. Primary Actor:

1. Fisher

1.4.2. Secondary Actor(s):

1. Application

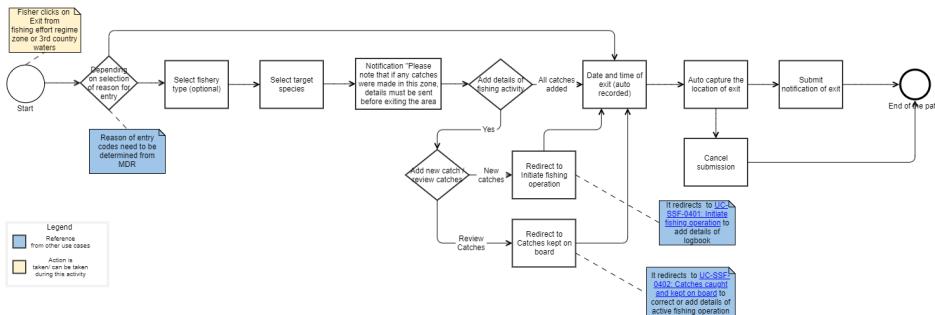
2. Use Case Details



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"



2.2. Primary Path

Step ID	Actor	Action	Notes and References
PF-1	Fisher	The flow is triggered by clicking on "Exit from fishing effort regime zone or 3rd country waters".	
PF-2	Application	Application opens "Exit from fishing effort regime zone or 3rd country waters" UI.	
PF-3	Application	Application checks for the selection of reason by fisher, at the time of entry into fishing effort regime zone or 3rd country waters. Depending upon the selection application displays one route out of two different routes: a.) If selection includes other reason of entry instead of fishing activity in the Effort area or 3rd country. b.) If selection includes fishing activity conducted in the Effort area or 3rd country.	AF-1: Depending upon the selection for reason of entry
PF-4	Fisher	Fisher is crossing the effort zone, so fisher has selected option a.) If selection includes other reason of entry instead of fishing activity in the Effort area or 3rd country.	
PF-5	Application	Then, application auto display current date and time of entry.	
PF-6	Application	Application auto captures the location of entry.	
PF-7	Application	Application provides the provision to cancel the submission.	EF-1: Cancel submission
PF-8	Fisher	Fisher clicks on "submit" to submit the notification of entry. This ends the primary path.	

2.3. Alternative Path(s)

2.3.1 AF-1: Depending upon the selection for reason of entry

Step ID	Actor	Action	Notes and References
AF-A1	Fisher	The entry point is PF-3 of the primary flow.	
AF-A2	Fisher	This alternative flow is executed if fisher has done a fishing activity and choose option b.) If selection includes fishing activity conducted in the Effort area or 3rd country.	
AF-A3	Application	Application asks fisher to select fishery type, field is kept optional.	
AF-A4	Fisher	Fisher selects the fishery type.	
AF-A5	Application	Applications asks to select target species.	
AF-A6	Fisher	Fisher selects the target species.	
AF-A7	Application	Application displays notification "Please note that if any catches made in the zone, details must be sent before exiting the area".	
AF-A8	Application	Application asks fisher to add details of fishing activity.	AF-2: Add details of fishing activity.
AF-A9	Fisher	Fisher has added all the catches done in the zone and selects the option, all catches added.	
AF-A10	Application	Then application returns to PF-5 of primary path and all the steps are followed. This ends the alternate path.	PF-5 of primary path

2.3.2 AF-2: Add details of fishing activity.

Step ID	Actor	Action	Notes and References
AF-A1	Fisher	The entry point is PF-3 of the primary flow.	
AF-A2	Fisher	This alternative flow is executed if fisher has done a fishing activity and choose option b.) If selection includes fishing activity conducted in the Effort area or 3rd country.	
AF-A3	Application	Application asks fisher to add details of fishing activity.	
AF-A4	Fisher	Fisher wants to add details of catches done in the zone and selects yes.	

AF-A5	Application	Application asks fisher to select either Add new catches or Review catches.	
AF-A6	Fisher	Fisher selects add new catches.	
AF-A7	Application	Application redirects to Initiate fishing operation UI and ask fisher to add the details of fishing activity done.	Redirects to UC-SSF-0401: Initiate fishing operation to enter details of fishing activity.
AF-A8	Fisher	Fisher enters all the details of fishing activity.	
AF-A9	Application	Application redirect back to the "Exit from fishing effort regime zone or 3rd country waters" UI once all the fishing activity details are filled.	
AF-A10	Application	Then application returns to PF-5 of primary path and all the steps are followed. This ends the alternate path.	PF-5 of primary path

2.4. Exception Path(s)

2.4.1 EF-1: Cancel submission

Step ID	Actor	Action	Notes and References
EF-A1	Fisher	The entry point is PF-7 of primary path.	
EF-A2	Fisher	This exception path is executed if fisher wants to cancel submission.	
EF-A3	Fisher	Fisher clicks on "Cancel submission" to cancel.	
EF-A4	Application	Application cancels the submission. This ends the exception path.	

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.

Entity /Field Name	Data Type	Description	Attributes	Remarks
Type	Code	A code describing the type of Fishing_ Activity	<i>listID</i> =FLUX_FA_TYPE value= AREA_EXIT	
Occurrence	Date Time	UTC Date and time of exit		
Fishery_Type	Code	The code specifying a type of fishery for this fishing activity	Optional <i>listID</i> =FA_FISHERY	
Species_Target	Code	The code specifying a species targeted for this fishing activity	<i>listID</i> =FAO_SPECIES	Mandatory in case fishing activities have been performed in the effort zone or transzonal activities.
Specified Fishing_Trip	Assoc.	The reference to the trip in which this activity took place.	<i>SchemeID</i> = EU_TRIP_ID <i>ListID</i> = FISHING_TRIP_TYPE	

RelatedFLUX_Location	Ass oc.	A FLUX_ Location related to this fishing activity	<p>ListID=FLUX_LOCATION_TYPE The identifier of a country schemeID=TERRITORY listID=FLUX_LOCATION_CHARACTERISTIC</p> <p>Area: schemeID=FAO_AREA schemeID=STAT_RECTANGLE schemeID=EFFORT_ZONE schemeID=MANAGEMENT_AREA</p> <p>Port: schemeID=LOCATION schemeID=FARM</p> <p>RFMO: listID=RFMO</p>	<p>At least one occurrence of Type=POSITION to report the exact geographical coordinate of the exit position.</p> <p>At least one occurrence of Type=AREA must be provided to report effort zone exited in case of an exit from area declaration. Areas must be provided at the most detailed level available.</p>
Specified FA_Catch	Ass oc.	The catch on board the vessel at the time of exit	<p>listID=FA_CATCH_TYPE (Eg: retained on board) listID=FAO_SPECIES Number_of_Individuals FLUX_UNIT = KGM listID=WEIGHT_MEANS (Mandatory if SpeciesCode = BFT) FLUX_Locations ListID= FISH_SIZE_CLASS UsedFishing_Gear (defined in next column) SchemeID= EU_TRIP_ID (Unique identifier for the trip) FA_TRIP_ID_TYPE</p>	Mandatory in case catches on board at the time of exit.

3.2 Data Model

3.3 Pseudocode

3.4 User Interface

4. Impact and Risks

4.1. Impact

4.2. Risks

5. Test Cases