

# UC-SSF-0202: Modify/Delete gear



## Warning

This use case is currently in the planning phase, 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 modifies or deletes a previously registered fishing gear in the Small Scale Fisheries Application. This functionality allows users to keep their gear registry up to date, ensuring that the gear information is accurate and complies with regulations.

### 1.1. Goal

This detailed use case covers the process of modifying or deleting fishing gear in the Small Scale Fisheries Application, ensuring accurate gear management and compliance with regulatory requirements. It includes various potential alternative flows and exceptions such as selection of the reason of deletion of gears.

### 1.2. Pre-conditions

1. The fisher has previously registered one or more fishing gears.
2. The fishing gear, fisher wishes to modify or delete exists in their account.
3. The application has access to the fisher's gear data and allows for modifications or deletions.

### 1.3. Post-conditions

1. The fisher's gear data is successfully updated in the FMC DB (modified or deleted).
2. The deleted gear no longer appears in the fisher's active gear list (in the case of deletion).

### 1.4. Trigger Event(s)

#### 1.4.1. Primary Actor:

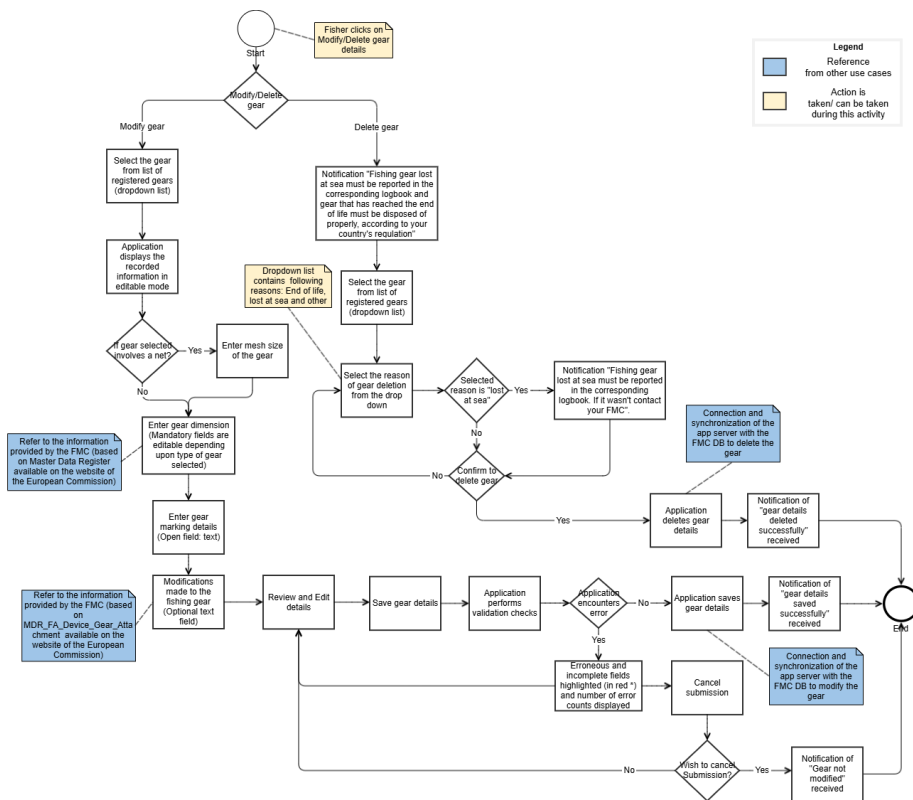
1. Fisher

#### 1.4.2. Secondary Actor(s):

1. Application

## 2. Use Case Details

### 2.1. Activity Diagram



## 2.2. Primary Path (Modify gear details)

Step ID	Actor	Action	Notes and References
PF-1	Fisher	The flow is triggered when fisher clicks on Modify/Delete gear details.	
PF-2	Application	Application opens modify/delete gear details User interface.	Primary Path for (Delete gear details)
PF-3		Application asks fisher to <b>Modify gear details or Delete gear</b> .	
PF-4	Fisher	Fisher clicks on modify gear details.	
PF-5	Application	Application ask fisher to <b>select the gear</b> from the dropdown list.	Refer to the information provided by FMC (based on Master data register available on the website of European commission).
PF-6	Fisher	Fisher selects the gear from the dropdown list.	
PF-7	Application	Application <b>displays the recorded information</b> in editable mode.	
PF-8	Application	Application checks if the <b>selected gear involves net</b> , if no.	AF-1: If gear selected involves the net
PF-9	Application	Application asks fisher to <b>enter gear dimensions</b> (height, length, number of hooks, etc.) from the dropdown list. (Depending upon the selection of gear).	Refer to the information provided by FMC (based on Master data register available on the website of European commission).
PF-10	Fisher	Fisher enters the dimension details from the list provided.	
PF-11	Application	Application asks to <b>enter gear marking details</b> and keep the field open.	
PF-12	Fisher	Fisher enters the gear marking details.	

PF-13	Application	Asks to add modifications made to the fishing gear and keep the open text field.	
PF-14	Fisher	Adds the details of modifications if done any.	
PF-15	Application	Application open review and edit details page.	
PF-16	Fisher	After checking all the required fields fisher clicks on save gear details.	
PF-17	Application	To maintain integrity of data, <b>application performs validation checks.</b>	AF-2: System encounter error
PF-18	Application	During checking application does not encounter any error.	
PF-19	Application	Application <b>saves the gear details.</b>	Connections and synchronization of the app server to the FMC DB to update the gear details.
PF-20	Application	Fisher receives the notification that <b>"gear details saved successfully"</b> and primary path ends.	

## 2.3 Primary Path (Delete gear details)

Step ID	Actor	Action	Notes and References
PF-1	Fisher	The flow is triggered when fisher clicks on Modify/Delete gear details.	
PF-2	Application	Application asks fisher to <b>Modify gear details or Delete gear.</b>	
PF-3	Fisher	Fisher clicks on <b>Delete gear.</b>	
PF-4	Application	Application displays the notification "Fishing gear lost at sea must be reported in the corresponding logbook and gear that has reached the end of life must be disposed of properly, according to your country's regulation".	
PF-5	Application	Asks to select the gear from the dropdown list of registered gears.	
PF-6	Fisher	Selects the gear from the dropdown list.	
PF-7	Application	Application ask fisher to <b>select the reason</b> of deletion of gear from the dropdown list.	
PF-8	Fisher	Fisher selects the reason from the dropdown list.	
PF-9	Application	Application confirms <b>if the selection of reason done by fisher is "lost at sea".</b>	AF-3: Selected reason is gear "lost at sea".
PF-10	Fisher	Fisher did not select "lost at sea".	
PF-11	Application	Application asks for the confirmation from the fisher to delete the gear.	AF-4: Confirmation to delete the gear.
PF-12	Fisher	Fisher selects yes.	
PF-10	Application	Application <b>deletes the gear details.</b>	Connections and synchronization of the app server to the FMC DB to delete the gear details.

P F- 11	App licat ion	Displays the notification that " <b>gear details deleted successfully</b> " and primary path ends.	
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## 2.4. Alternative Path(s)

### 2.4.1 AF-1: If gear selected involves the net

Step ID	Actor	Action	Notes and References
AF-A1	Fisher	The entry point is PF-8 of the primary path (modify gear details).	
AF-A2	Applicati on	Application checks if the <b>selected gear involves net</b> , if yes.	
AF-A3	Applicati on	Application asks fisher to <b>enter the mesh size</b> of the gear.	
AF-A4	Fisher	Fisher enters the mesh size of the gear.	
AF-A5	Applicati on	Then application returns to PF-9 of primary path (modify gear details) and all the steps till PF-20 are followed and flow ends.	<b>PF-9 of primary path (modify gear details)</b>

### 2.4.2 AF-2: System encounter error

Step ID	Actor	Action	Notes and References
AF-A1		The entry point is PF-17 of the primary path (modify gear details).	
AF-A2	Applica tion	To maintain integrity of data, <b>application performs validation checks</b> .	
AF-A3	Applica tion	During checking application <b>encounters error</b> .	
AF-A4	Applica tion	The application highlights the incomplete or erroneous fields (in red) and displays an error message with number of error counts.	<b>EF-1: Cancelled submission by mistake</b>  <b>EF-2: Cancel submission</b>
AF-A5	Applica tion	Application <b>opens review and edit page</b> for the fisher to make corrections.	
AF-A6	Fisher	Fisher corrects the highlighted fields according to the error displayed.	
AF-A7	Applica tion	Then application returns to PF-15 of the primary path (modify gear details) again for validation checks and all the steps till PF-20 are followed and flow ends.	<b>PF-15 of the primary path (modify gear details)</b>

### 2.4.3 AF-3: Selected reason is gear "lost at sea".

Step ID	Actor	Action	Notes and References
AF-A1	Applicati on	The entry point is PF-9 of the primary path (delete gear details).	
AF-A2	Applicati on	Application confirms <b>if the selection of reason done by fisher is "lost at sea"</b> .	
AF-A3	Applicati on	Application displays notification "Fishing gear lost at sea must be reported in the corresponding logbook".	
AF-A4	Applicati on	Then application returns to PF-6 of primary path (delete gear details) and all the steps till PF-11 are followed and flow ends.	<b>PF-6 of primary path (delete gear details)</b>

### 2.4.3 AF-4: Confirmation to delete the gear.

Step ID	Actor	Action	Notes and References
AF-A1	Fisher	The entry point is PF-11 of the primary path (delete gear details).	
AF-A2	Applicati on	Application asks confirmation to delete the gear.	
AF-A3	Fisher	Fisher selects no.	

AF-A4	Application	Then application returns to PF-9 of the primary path (delete gear details) and all the steps till PF-11 are followed and flow ends.	PF-9 of the primary path (delete gear details)
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## 2.5. Exception Path(s)

### 2.5.1 EF-1: Cancelled submission by mistake

Step ID	Actor	Action	Notes and References
EF-A1	Fisher	The entry point is AF-A4 of the alternate path AF-2.	
EF-A2	Fisher	Fisher clicks on <b>cancel submission</b> .	
EF-A3	Application	Application asks if fisher wishes to cancel submission.	
EF-A4	Fisher	Fisher clicks no.	
EF-A5	Application	Then application returns to PF-13 of primary path (modify gear details) and all the steps are followed and flow ends.	PF-13 of primary path (modify gear details)

### 2.5.2 EF-2: Cancel submission

Step ID	Actor	Action	Notes and References
EF-A1	Fisher	The entry point is AF-A4 of the alternate path AF-2.	
EF-A2	Fisher	Fisher clicks on cancel submission.	
EF-A3	Application	Application asks if fisher wishes to cancel submission.	
EF-A4	Fisher	Fisher clicks yes.	
EF-A5	Application	Then notification "New gear not added/Gear details not modified" is displayed on the screen. Application deletes the entered information by the user and flow ends	

## 3. Use Case Realisation

### 3.1. Data Attributes



#### Warning

Under progress

Column Name	LV Objects	SSF Objects	Data Type	Short Description	Notes or Comments
Type	listID= GEAR_TYPE	listID= GEAR_TYPE	Code	The code specifying the type of gear	

### 3.2. Data Model

### 3.3. Pseudocode

### 3.4. User Interface

## 4. Impact and Risks

### 4.1. Impact

### 4.2. Risks

## 5. Test Cases