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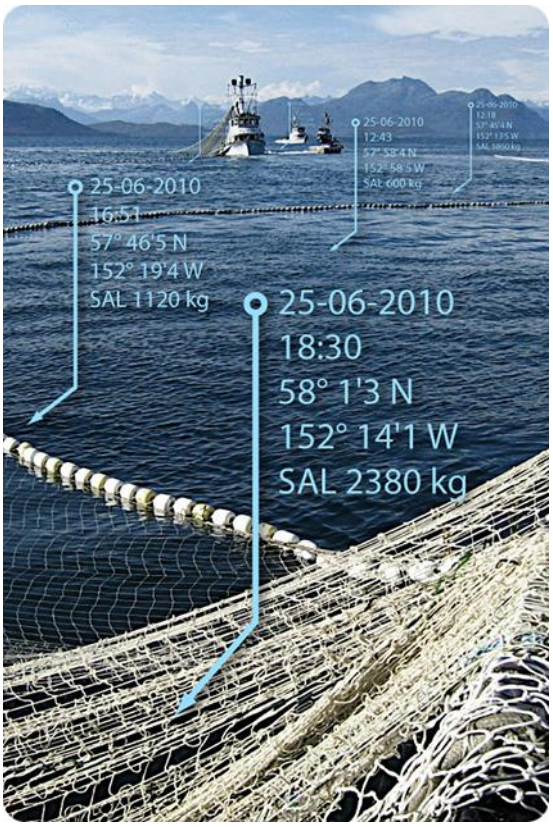

Vessel Client User Guide

vCatch 5.0.0

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Document version 22

vCatch
Logbook Reporting

Content

1 Introduction

1.1 Disclaimer

This document is a technical guide to usage of the vCatch product and user interface, as of version 5.0.0 at the time of writing. It is not a legal guide to lawful administration of logbooks. Visma accepts no liability for any type of damages incurred due to unlawful logbook management using the vCatch product.

1.2 Objective of vCatch

The vCatch system supports the recording of electronic logbooks as well as storage of and access to the registered logbook information. The system is structured to enter logbook data in the normal order of occurrences on a fishing journey. Only one active logbook can be open at a time (it is possible to create and transmit landing declarations for closed logbooks though).

1.3 About this Document

This document is a user guide to getting started with and using vCatch to record logbooks from a vessel.

2 Getting Started

To get started using vCatch, you need to launch the application and enter a few initial preferences (see Standard Information). Then you will be ready to start entering your first logbook.

2.1 Starting vCatch

The vCatch Vessel Client installer adds a “vCatch” group to the “Programs” item on your system’s “Start” menu, and also places a vCatch shortcut icon on your system’s desktop. To start vCatch, either select it in the Start menu, or simply double-click the vCatch icon on your desktop:

Figure 1, vCatch icon

2.2 Overview Window

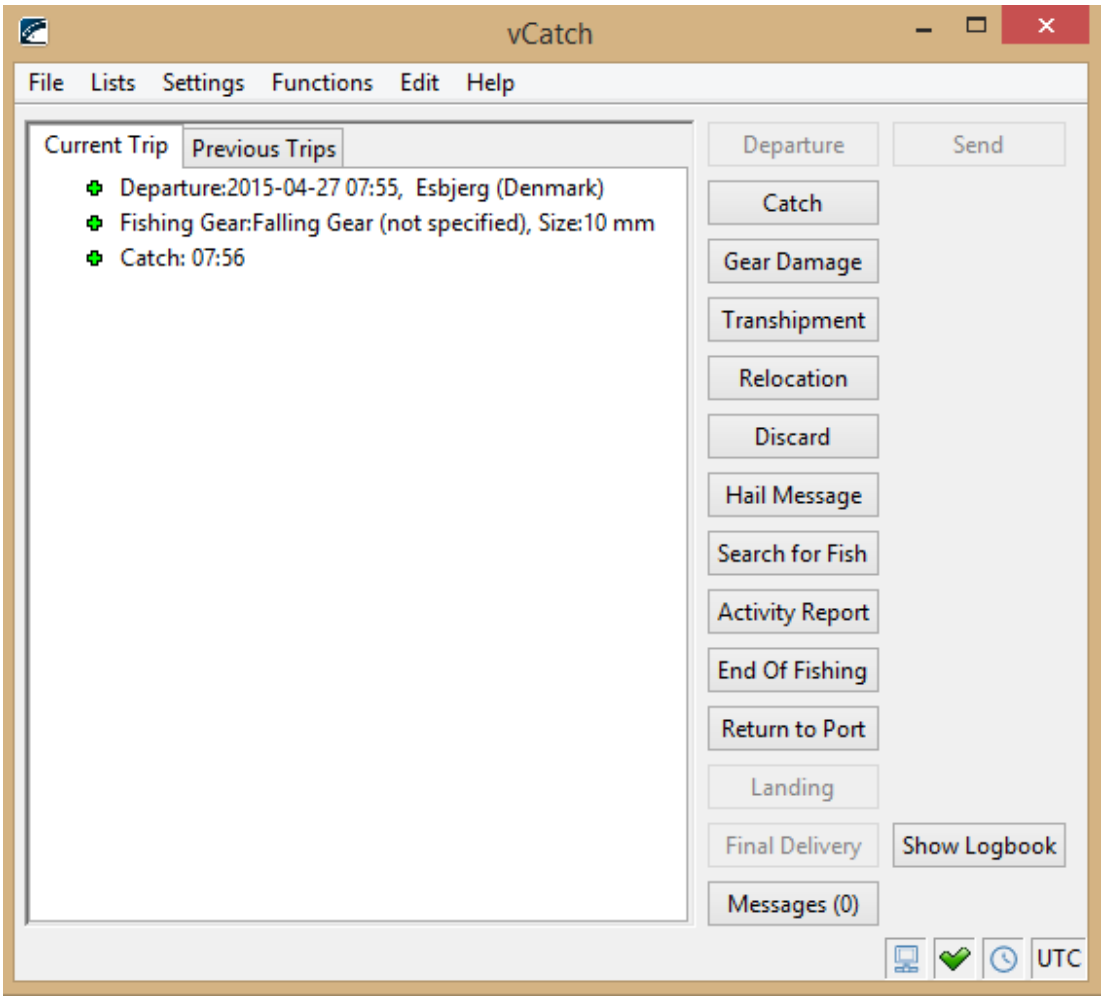


Figure 2, Overview window at start-up

The overview window is the main window in vCatch. It is displayed when you start vCatch and remains available until you close vCatch again. The overview window is where you create logbook entries, view or edit existing entries, and manage vCatch settings.

The overview window has the following elements:

- Menus
- Overview of existing and previous logbooks (“Current Trip” and “Previous Trips” tabs)
- Buttons for creating new logbook entries, and for sending and viewing the logbook

2.2.1 Menus

Figure 3, Menu bar

The menus are located in a menu bar in the top left corner of the overview window. The following menus are available:

- **File:** Provides options for viewing logbooks, and for closing the vCatch application
- **Lists**: Provides options for customizing lists of standard information (see section 4.2 Standard Lists)
- **Settings**: Provides access to setting a range of application preferences (see chapter 5)
- **Functions**: Provides options for
    - entering a release key in case there has been a technical problem which prevents you from starting a new logbook (see section 3.2)
    - inspectors to add one or more inspection declarations to the logbook
- **Edit:** Provides options for editing and deleting, as well as entering comments to, logbook entries (the same options are available by right-clicking on an item in the temporary logbook)
- **Help:** Opens an “About” window with information about which version of vCatch you are currently running and functionality to download new lists and software versions

2.2.2 Overview of logbooks

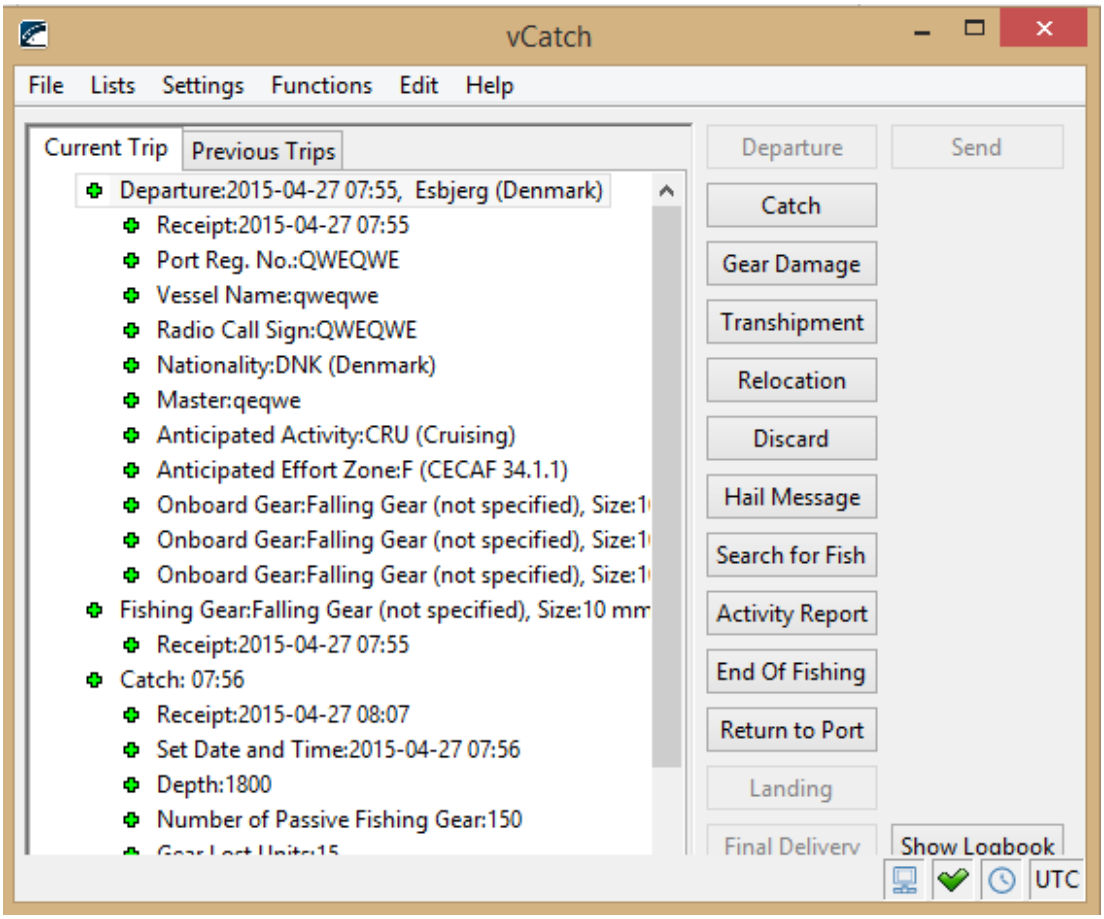


Figure 4, Overview window with temporary logbook

On the “Current Trip” tab, the large area to the left of the column of buttons displays details that have been input for a given point in time. The Logbook is displayed using a hierarchical structure similar to Windows Explorer where it is possible to expand and collapse details that you wish to view (by clicking the minus/plus signs, or pressing the left/right arrow on the keyboard).

Each detail line has a marking to the left that is Red, Blue, Yellow, Green, or Black.

The colours represent:

- **Red**. The details have not been sent to the Fishery authorities.
- **Blue**. The details have been delivered to the Inmarsat-C transceiver ready for transmission or have been prepared to be sent via internet.
- **Yellow**. The details have been sent by the Inmarsat-C transceiver or have been sent to the Fishery authorities via internet.
- **Green**. A receipt has been received from the Fishery authorities

For further description of the possible status values of the individual records in the vessel client, see the document “Technical Note No. 2 Vessel Client Record Status”.

Right-clicking on a logbook entry (e.g. a catch) opens a menu with options for editing, deleting or adding a comment to the entry. The same menu can be accessed from the menu described in section 2.2.1 using menu item Edit.

Note that a logbook entry cannot be deleted after pressing the “Send” button.

On the “Previous Trips” tab, a list of previous, incomplete logbooks is shown (see section 3.21).

2.2.3 Buttons

To the right of the overview window there is a column of buttons. Most of these buttons relate directly to logbook entries. Clicking either of these buttons opens a new window where details for the logbook entry in question can be entered. There is also a “Send” button that sends the logbook, and a “Show logbook” button which shows the logbook in Web Browser (in HTML).

At any time, only logbook entry buttons that can actually be used are available: other buttons are unavailable (“greyed out”). For example, until you have entered departure information, no other information can be logged. Therefore, the buttons for catch, discard, transhipment etc. are all “greyed out”. As soon as the departure has been entered, many of these buttons become available, so that it is possible e.g. to enter catches.

Furthermore some of the buttons are configurable and your FMC might have chosen to display fewer buttons.

Clicking the “Send” button sends the logbook to the Fishery authorities: but until a final delivery has been entered (by clicking the “Final Delivery” button, entering data, and clicking “Save”), the logbook remains open for further editing.

2.2.4 Status Line

In the bottom of the overview window there is a status line indicating the signal strength, the Internet connection status and notifications when:

- new lists are available (see section 6.1)
- new software is available (see section 6.2)
- there are messages in the Inmarsat-C transceiver that is not for vCatch (can be configured and your FMC might have chosen not to display this information).
- time zone used in client

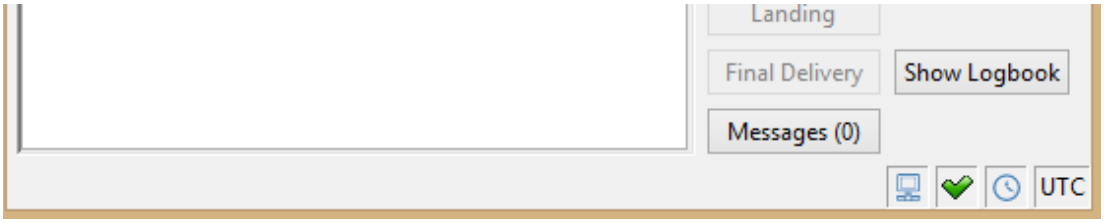


Figure 5, Notification in the status line

2.2.5 Inmarsat-C transceiver information window

From vCatch 4.1.0 there is new window in client to see all information about Inmarsat transceiver status. This dialog is available only if transceiver is connected to the system and it is located in the Help menu.

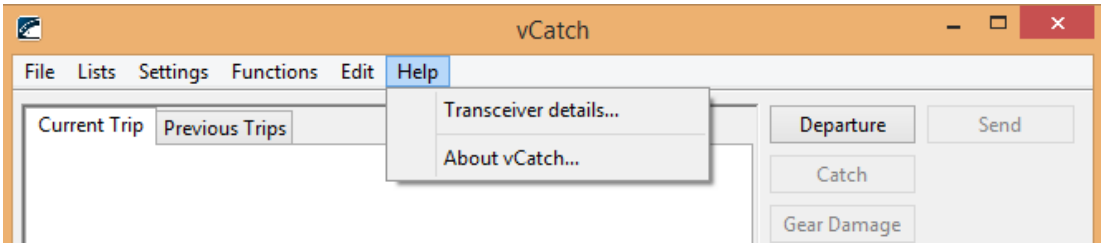


Figure 6, Transceiver details menu item can be found in Help menu

In Inmarsat-C transceiver information window user will find LES number, transceiver mobile number, serial number, transceiver type (SAC or DNID) and Baud rate. Also there are three different tabs to see information about sent, received messages and transceiver status.

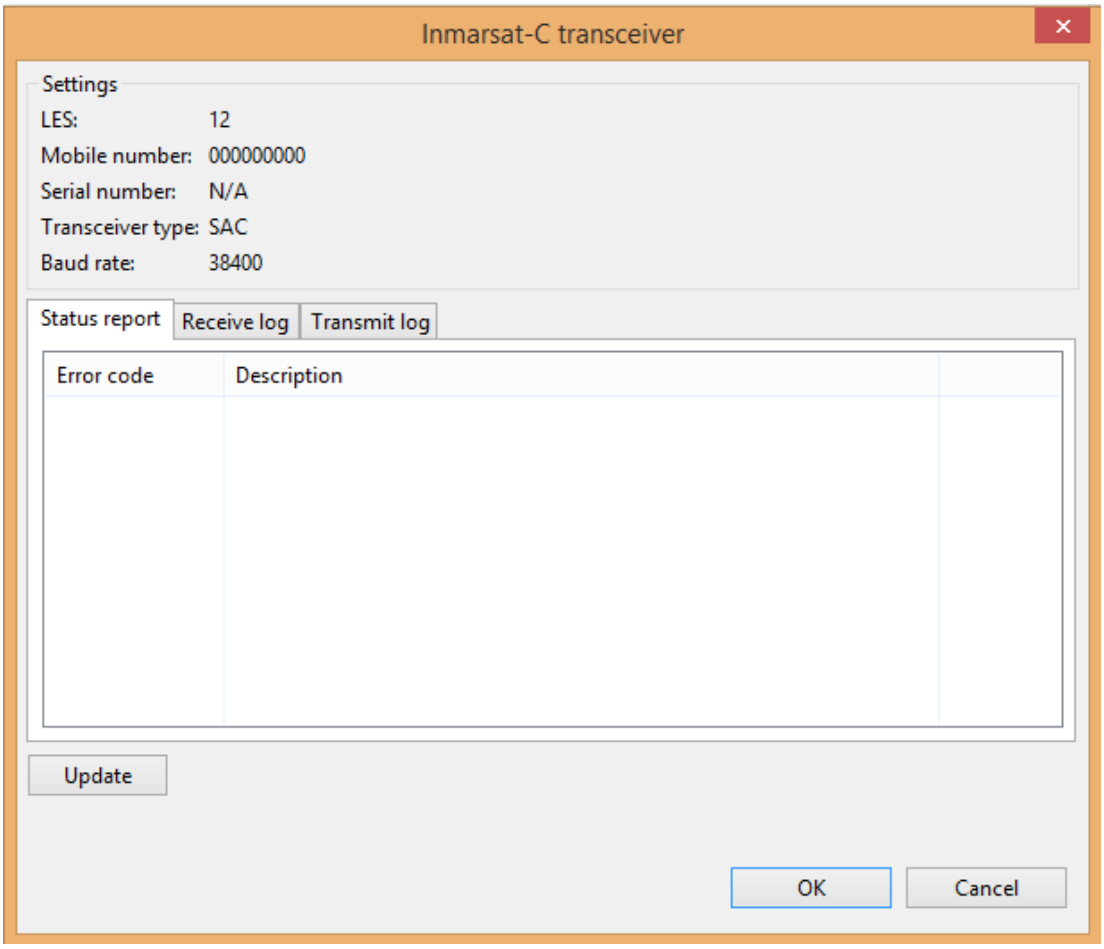


Figure 7, Inmarsat-C transceiver information window

2.3 Defining Initial Value Lists

Figure 8, Accessing vCatch preferences using the menu bar

vCatch has extensive customization options that allow you to set up the application to suit your specific needs. Once you have set it up, entering much of the logbook information required will be a simple matter of picking from a list displaying just the choices that are relevant to you.

However, there is no need to enter e.g. all the ports you expect to ever require up front. All you need to do to get started is to enter a few initial preferences for the port(s), fishing gear, vessel master(s), and vessel(s) you expect to use most frequently.

You can always edit these and other preferences later.

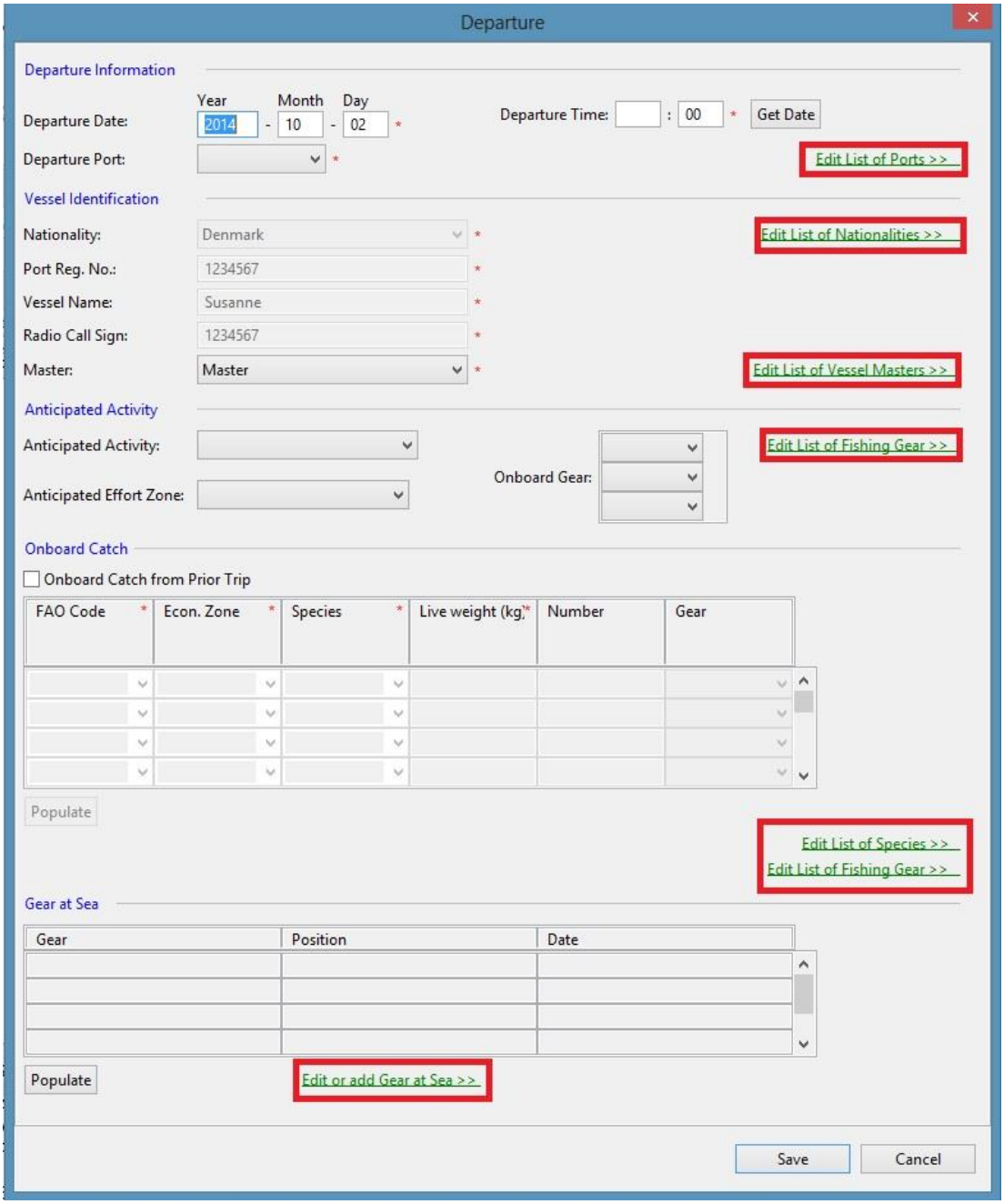


Figure 9, Accessing preferences while working with logbook entries: click a link to open the preference window you need

The few data you must enter initially once and for all is the standard information you will find by selecting the “Prefilled data” item in the Settings menu (see section 2.3.1).

After that you can just start creating logbook entries and then enter required preferences as you go along (many of the logbook windows provide links to relevant preference settings), but the easiest way of accessing the preferences may be to use the “Lists” respectively “Settings” menus in the overview window’s menu bar.

Either way, the following section will explain the mandatory preferences, i.e. that you must enter in order to be able to create and save logbook entries.

2.3.1 Standard Information

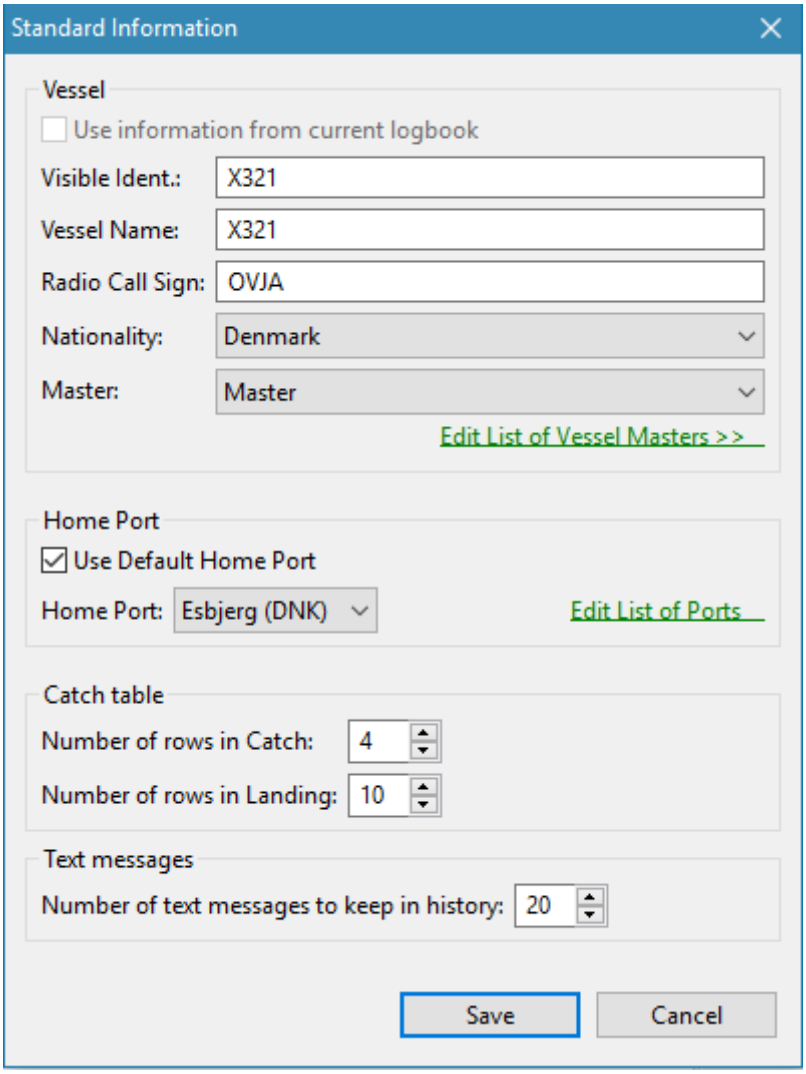


Figure 10, Standard information window

Standard information is information about e.g. vessel details that you will need to enter into the logbook at the start of every fishing journey, and that will often be the same. To enter such standard information, select the “Prefilled data” item in the Settings menu.

Port registration number, the name of the vessel, the radio call sign, and the nationality must be entered in this window and afterwards you will find them prefilled in the Departure window every time you start a new logbook.

The “Use Information from Current Logbook” checkbox is available, when there is an open logbook. When you tick the checkbox the information already entered in the current logbook is copied into the standard information fields.

If the logbook master in the current logbook is different from that in the standard information dialog, the standard information dialog is now filled with the logbook master from the current logbook and the fields in the standard information dialog is disabled.

Select “Save” to keep this logbook master as the pre-selected one for the next logbooks.

Select “Cancel” to preserve the logbook master initially selected in the standard information dialog.

From vCatch 4.0.0 version there is a possibility to set visible rows number in Catch and Landing dialogs.

2.3.2 Ports

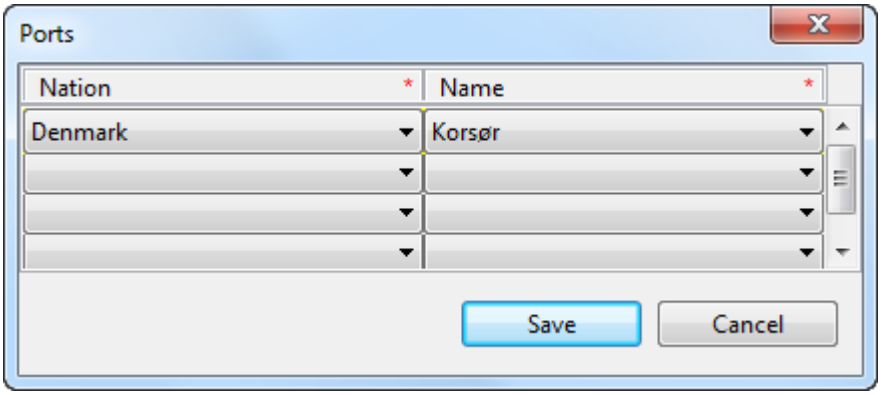


Figure 11, Ports window

Selection of port details is required when entering e.g. departures, arrivals and landing declarations. To edit port details, select the “Port list” item in the “Lists” menu, then select nation and port name for the ports you expect to dock at.

2.3.3 Fishing Gear

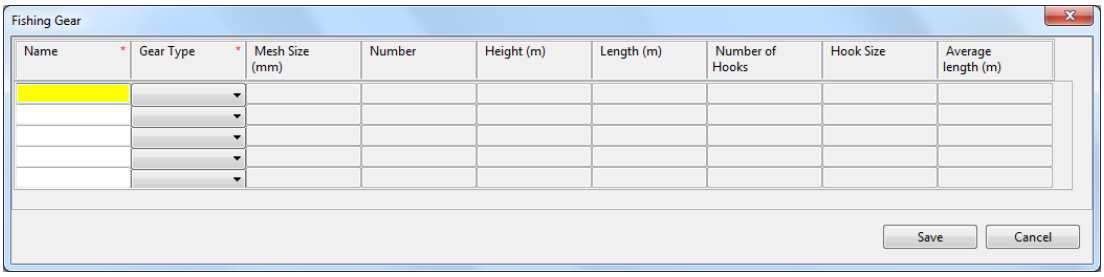


Figure 12, Fishing gear window

Entry of fishing gear is necessary in catch registrations, and may be required for some hail messages. To define and maintain the fishing gear used on board, select the “Fishing Gear” item in the “Lists” menu, then enter the details for the fishing gear you expect to use. The specific gear types control which parameters i.e. mesh size, number, height etc. that are to be specified. The parameters belonging to each gear type are defined and controlled by the FMC.

Select gear type to add fishing gear. Select empty gear type to delete existing row.

In the “Name” column you must enter a unique name of each fishing gear, e.g. Bacalao 1, Bacalao 2 etc.

Dependent on the chosen “Gear Type” different details are required to enter. In example, “Mesh Size (mm)” and “Number” are required if the “Gear Type” is “Trawls - Bottom”.

The values might differ as well dependent on the “Gear Type”. In the above example “Mesh Size (mm)” means the mesh size of the trawl and “Number” means the number of jibs (if relevant).

2.3.4 Vessel Masters

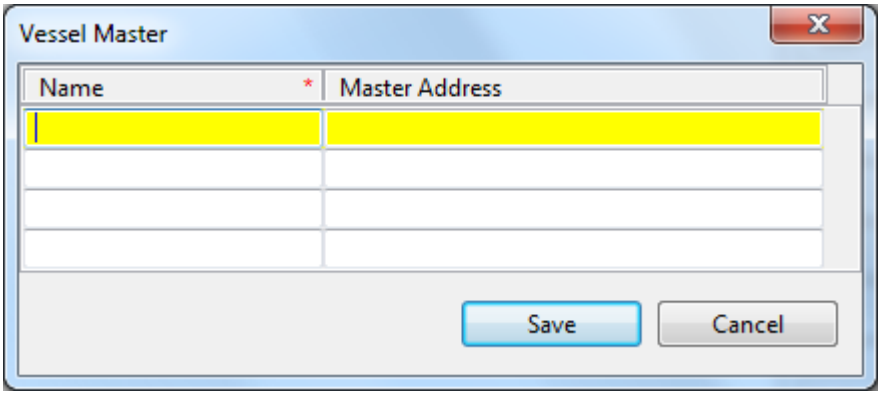


Figure 13, Vessel masters window

Entry of vessel master is necessary in departure registrations. To edit vessel masters, select the “Vessel Masters” item in the “Lists” menu, then enter the name and address of the master(s) you expect to use (Master Address is configurable and might not be shown).

2.3.5 Crew Member List

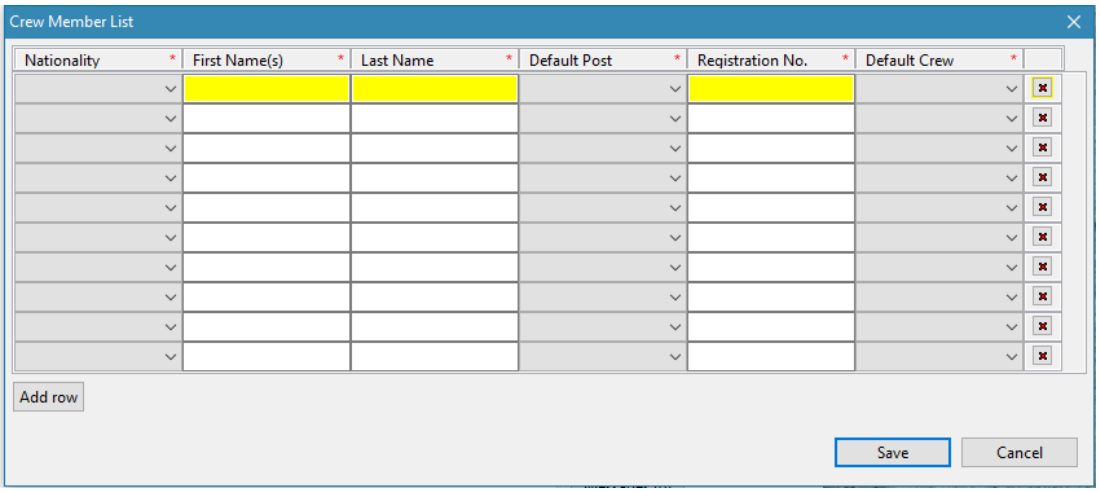


Figure 14, Crew Member List

This crew member list may contain more members than constitutes the current crew on the vessel.

To edit the crew member list, select the “Crew Member List” item in the “Lists” menu (this feature is configurable by the FMC and might not be shown). Then enter the nationality, name, post, and registration number (may vary from country to country, e.g. passport number, CPR number, social security number) of the crew members. Select whether each member is part of the default crew or not. If yes, the crew member will automatically appear in the Crew Manifest list every time you register all the crew members on board on a specific sailing trip (see section 3.10.3.1).

2.3.6 Partners

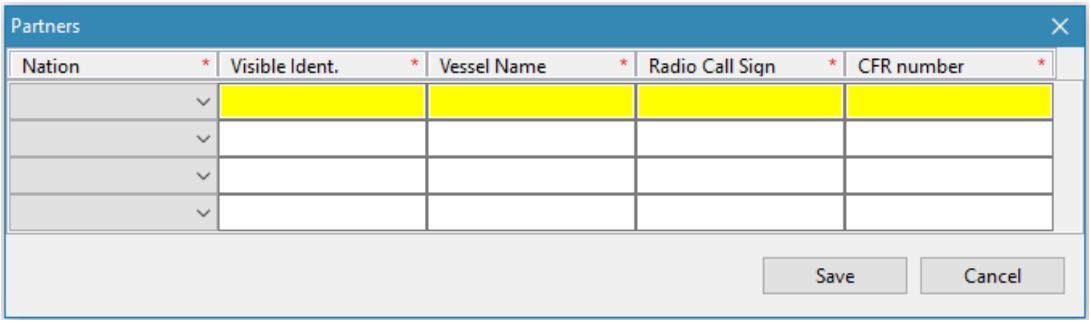


Figure 15, Partners window

Entry of vessel details is necessary in departure, transhipment, and shift of partner registrations. To edit vessel details, select the “Partners” item in the “Lists” menu, then enter the nation, visible identification, radio call sign, CFR number and name of the vessel(s) you expect to use.

2.4 Keyboard control

This section describes all the keyboard shortcuts that can be used in vCatch.

Shortcut	Explanation
Tab	Set focus on an item in vCatch
Enter or Space	Activate an item (e.g. a button or a link)
F4	Open dropdowns
Ctrl + N	Enter current time in relevant fields such as “Departure time” or “Time of final delivery”
Esc	Close a window together with discarding any changes made.
Ctrl + S	Save the logbook
Alt + S	Send the logbook
Alt + F4	Close vCatch

3 Creating Logbooks and Logbook Entries

3.1 Creating a New Logbook

The first time you open vCatch, it has already created a new empty logbook ready for you to use.

If you have an existing (temporary) logbook open, you must first complete it by entering final delivery details (press the “Final Delivery” button in the overview window), sending the logbook to the Fishery authorities (press the “Send” button in the overview window), and waiting for the Fishery authorities to return an acknowledgement that the logbook has been received. Once a receipt of the logbook has been acknowledged by the Fishery authorities, the text on the “Send” button changes to “New Logbook”: click this button to start your new logbook. Contact support at the Fishery authorities if there is an undue delay before vCatch is ready to create a new logbook.

3.1.1 Creating Logbook Entries

Once you have created a new logbook, you create new entries by clicking the button corresponding to the entry you need to log — e.g. a catch, a hail message, a landing declaration etc

This opens the editing window for the requested type of entry, where you enter the necessary details. Click “Save” (using keyboard save is done using CTRL + S) to add the information you just entered to the logbook and to return to the overview window: click “Cancel” (using keyboard the ESC key cancels) to discard the entry and return to the overview window without making any changes to the logbook.

3.2 Releasing an Existing Logbook

Figure 16, Release logbook window

If you are about to set out to sea on a new fishing journey and a technical problem prevents you from creating a new logbook (i.e. there is no “New logbook” button), vCatch provides a “release” functionality for attempting to solve the problem.

In order to be able to create the new logbook, you must first contact your Fishery authorities and obtain a “release key”: you need to do this “outside” of vCatch, e.g. by phone, fax or e-mail. Once you have obtained the release key, open vCatch, select the “Release Key” item on the “Functions” menu, and enter the release key into the window that appears. When you return to the overview window, the option to create a new logbook now appears.

If releasing the existing logbook like this does not solve the problem, and you still are not given the option to create a new logbook, you will need to contact your Fishery authorities for further technical assistance.

3.3 Synchronizing an Existing Logbook

If by any unexpected event vCatch client could not send any more messages to server and FMC has taken over an existing logbook, it is possible to retrieve it back to the vessel.

Figure 17 Logbook synchronization functionality is in Functions tab

In order to be able to retrieve this logbook, you must first contact your Fishery authorities and obtain a “synchronization key”: you need to do this “outside” of vCatch, e.g. by phone, fax or e-mail. Once you have obtained the release key, open vCatch, select the “Synchronization Key” item on the “Functions” menu, and enter the synchronization key into the window that appears. When you press “OK”, vCatch starts synchronizing logbook by comparing it to the logbook from server application. Now the status bar shows information indicating that the synchronization is in progress.

Figure 18 Text "waiting for synchronization data" is visible in the bottom status bar

3.4 Departure

The first thing you need to log in the logbook is departure information (until you have entered departure information, no other information can be entered). To enter departure information, select the “Departure” button in the overview window.

The departure details describe when the journey started and from which port. The details identify the departure time, date, and port.

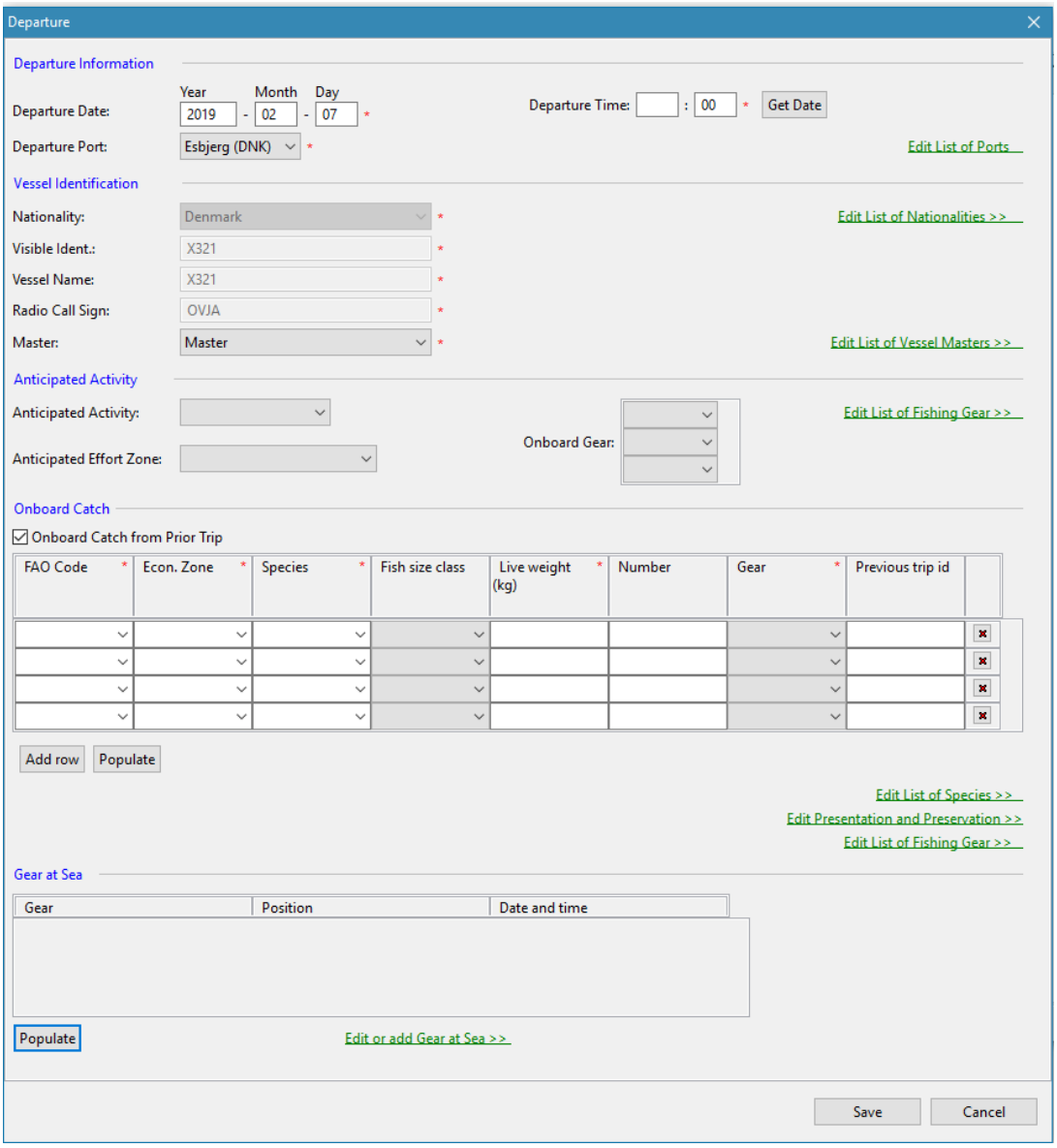


Figure 19, Departure

Departure details:

3.4.1.1.1.1 Departure Information

- Departure date
- Departure time (press Ctrl + N to enter the current time)
- Departure port name

3.4.1.1.1.2 Vessel Identification

- Nationality, Visible Identification, Vessel Name, Radio Call Sign and CFR number are standard information and must be entered and edited by selecting the “Prefilled data” item in the Settings menu from the overview window
- Master
- Master Address (configurable)

3.4.1.1.1.3 Anticipated Activity

- Anticipated activity (configurable). May be fishing, scientific research, streaming, testing engines, guard ship duty or other non-fishing activities.
- Anticipated Effort Zone (configurable)
- Onboard Gear (configurable)

3.4.1.1.1.4 Onboard catch

- If there is any catch onboard from a previous journey this may be declared: select the checkbox marked “Onboard catch from prior trip” then fill in the catch details.
- FAO Code. Waters where the catch was conducted
- Economical zone for the body of water where the catch was conducted
- Species of fish
- Fish size class
- Processing (configurable)
- Live weight (kg)
- Number
- Gear (configurable)
- Previous trip ID

From vCatch 4.0.0 version there is a possibility to populate data from previous trip to the Onboard Catch table. The populated onboard catch is calculated by adding previous trip’s onboard catch in Departure dialog with catch in Catch dialog and transhipped catch in Transhipment→Recipient dialog and then by subtracting both previous trip’s transhipped catch in Transhipment→Donor dialog and landed catch in Landing dialog.

From vCatch 4.0.0 version auto completion is implemented in fields such as FAO Code, Econ. Zone and Species in Onboard Catch from Prior Trip table in Departure. Auto completion is also implemented in other dialogs that have catch tables – Catch, Transhipment, Relocation, Hail Message (PNO, CREWS_POR, CREWS_TRA) and Landing.

3.4.1.1.1.5 Gear at Sea

It is possible to specify outstanding gear types (configurable). Select the ‘Edit or add Gear at Sea’ link to the right.

- Gear
- Position
- Date and time

From vCatch 4.0.0 version it is possible to populate data from previous trip to the Gear at Sea table. The populated gear at sea is calculated by adding previous trip’s gear at sea information in Departure dialog with fishing gear information in Catch→Set Passive Gear dialog and then by subtracting fishing gear information in Catch→Haul with Passive Gear dialog.

Once the departure information is saved the window is closed and the overview window is updated with the new logbook and the departure information.

3.5 Catch

To register catch information select ‘Catch’ in the overview window. Catch has 4 tabs to register catches, as explained in detail below (it can be configured and your FMC might have chosen to display fewer tabs and/or fewer input fields). Click on the relevant tab (using keyboard use TAB to activate the tabs and use right and left arrows to select the tabs).

3.5.1 Catch Information

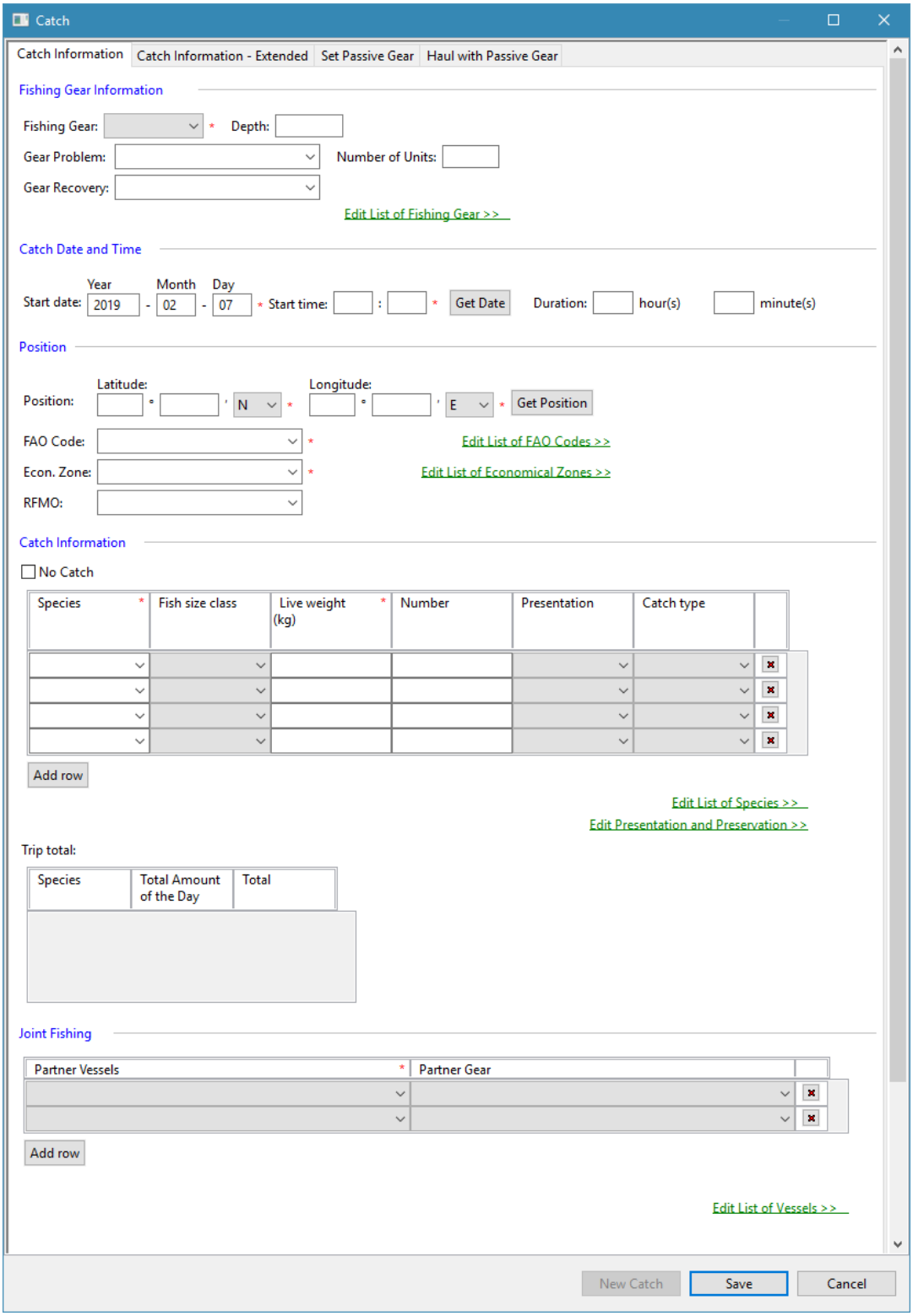


Figure 20, Catch information

Catch information:

3.5.1.1.1.1 Fishing Gear Information

- The fishing gear used
- Depth
- Gear Problem
- Number of Units of gear has been lost

- Gear Recovery.

3.5.1.1.1.2 Catch Date and Time

- Date when the fishing started
- Time when the fishing started (press Ctrl + N to enter the current time)
- Duration of the haul (number of hours and minutes)
- Number of hauls (configurable)

3.5.1.1.1.3 Position

- Catch position is entered as statistical rectangle e.g. 40G6 and/or as a position in latitude and longitude (configurable).
- FAO Fishing Area Code (configurable)
- Economical zone (configurable). The nation the fishing area belongs to. This should be EEC for EU-zone, NOR for Norway or INT for International waters etc.
- RFMO Regional Fisheries Management Organizations

3.5.1.1.1.4 Catch information

- No Catch. If there is no catch onboard select the “No catch” checkbox
- Species. Either type in the three letter FAO fish species code or select the species from the dropdown
- Processing (configurable)
- Fish size class
- Live weight (kg)
- Number
- Preservation (configurable)
- Presentation (configurable)
- Catch type
- Trip total (Species, Total Amount of the Day, Total)

Joint Fishing

- Partner Vessels Partner Gear (configurable). If a partner is registered the actual fishing gear used by the partner vessel(s)

If within 24 hours no catch has been registered due to, perhaps looking for fish or travelling to a new location, it will not be possible to enter this information. One possibility to detail this is to enter the gear along with a comment detailing the reason(s) – see section 3.18.

3.5.2 Catch Information - Extended

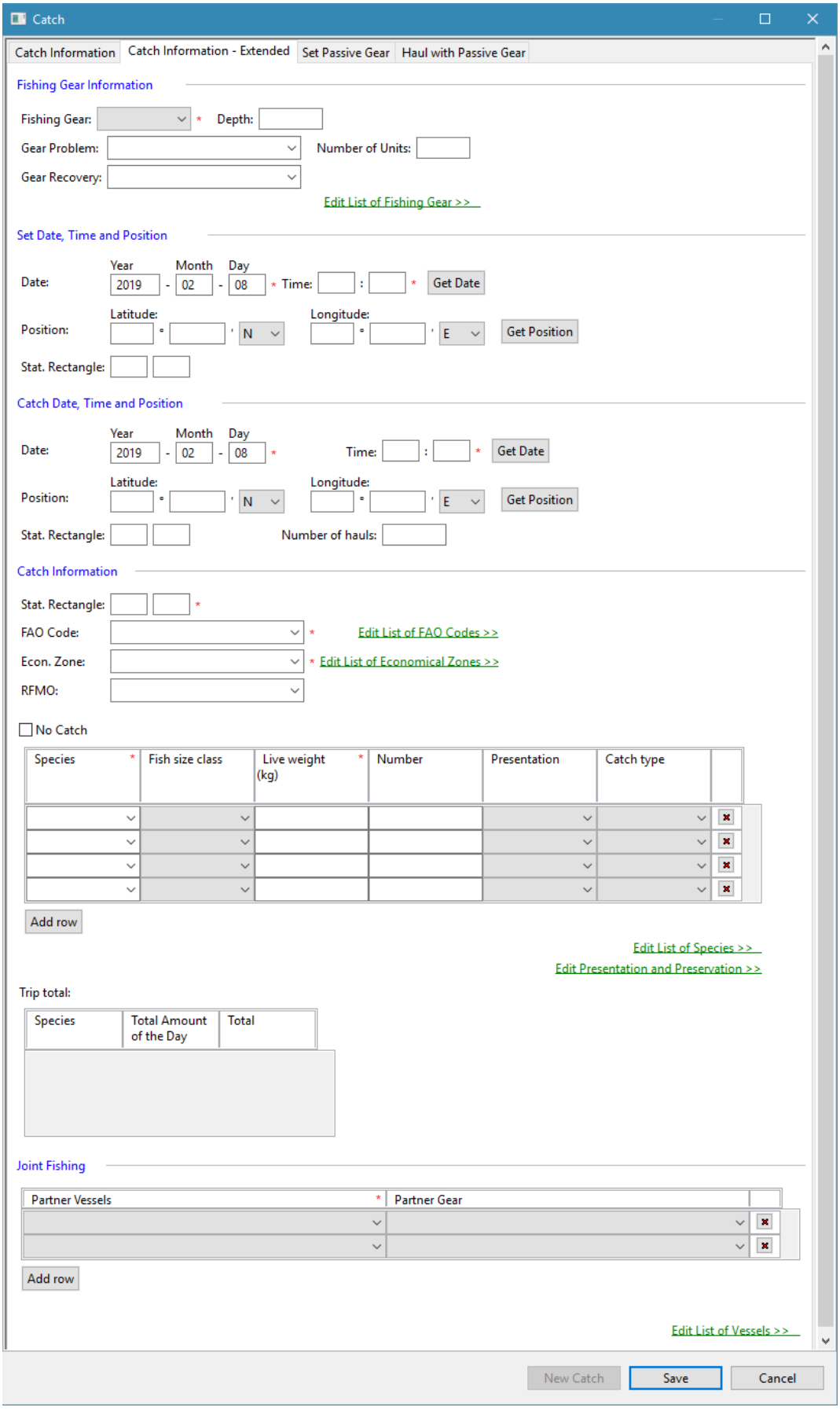


Figure 21, Catch information - extended

When catch must be registered with detailed information of start and end of catch, the extended catch window is used. Extended catch information:

3.5.2.1.1.1 Fishing gear information

- The fishing gear used
- Depth (configurable)
- Gear problem
- Number of units. If gear has been lost, the number of gears lost can be registered.
- Gear recovery.

3.5.2.1.1.2 Set Date, Time and Position

- Date when the haul started (when using the 'Get Date' function the associated position, if any, is automatically filled in as well)
- Time when the haul started (press Ctrl + N to enter the current time)
- Position where the haul started entered as statistical rectangle e.g. 40G6 and/or as a position in latitude and longitude (the associated date is automatically filled in as well if the 'Get Position' function is used) (configurable)
- Stat. Rectangle

3.5.2.1.1.3 Catch Date, Time and Position

- Date when the haul ended (when using the 'Get Date' function the associated position, if any, is automatically filled in as well)
- Time when the haul ended
- Position where the haul ended entered as statistical rectangle e.g. 40G6 and/or as a position in latitude and longitude (the associated date is automatically filled in as well if the 'Get Position' function is used) (configurable)
- Stat. Rectangle
- Number of hauls

3.5.2.1.1.4 Catch information

- Statistical Rectangle for catch area (configurable)
- FAO Fishing Area Code (configurable)
- Economical zone (configurable). The nation the FAO Code belongs to. This should be EEC for EU-zone, NOR for Norway or INT for International waters etc.
- RFMO Regional Fisheries Management Organizations
- No catch. If there is no catch onboard select the "No catch" checkbox
- Species. Either type in the three letter FAO fish species code or select the species from the dropdown
- Fish size class
- Processing (configurable)
- Live weight (kg)
- Number
- Preservation (configurable)
- Presentation (configurable)
- Catch type
- Trip total (Species, Total Amount of the Day, Total)

3.5.2.1.1.5 Joint Fishing

- Partner Vessels
- Partner Gear (configurable). If a partner is registered the actual fishing gear used by the partner vessel(s).

If the parameter CatchDialog.Extended.EndDepth in Hidden field is set to false in vCatch server, then Depth field is shown not in Fishing Gear Information section, but in Set Date, Time and Position and Catch Date, Time and Position sections.

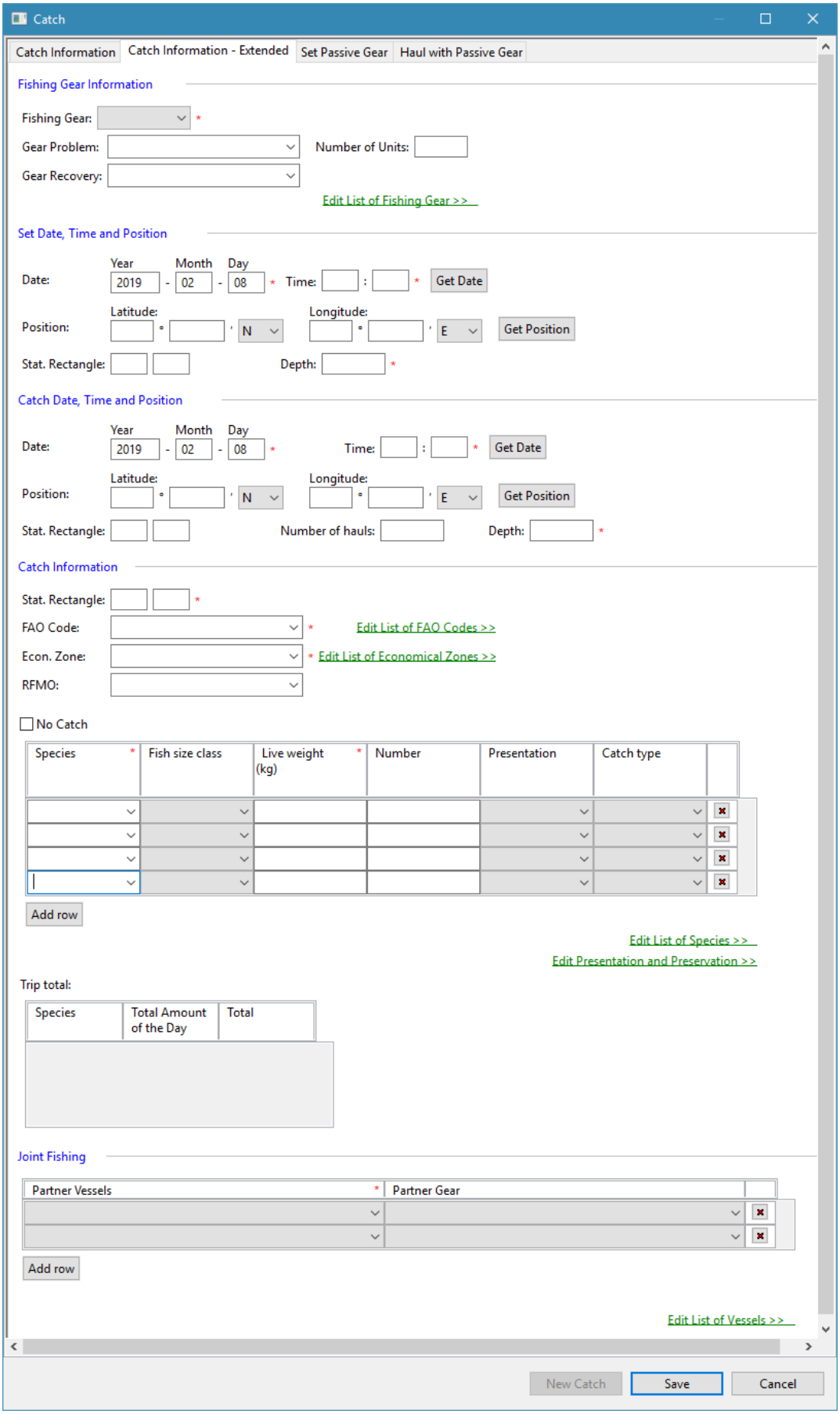


Figure 22, Catch information – extended with different Depth field's location

3.5.3 Set Passive Fishing Gear

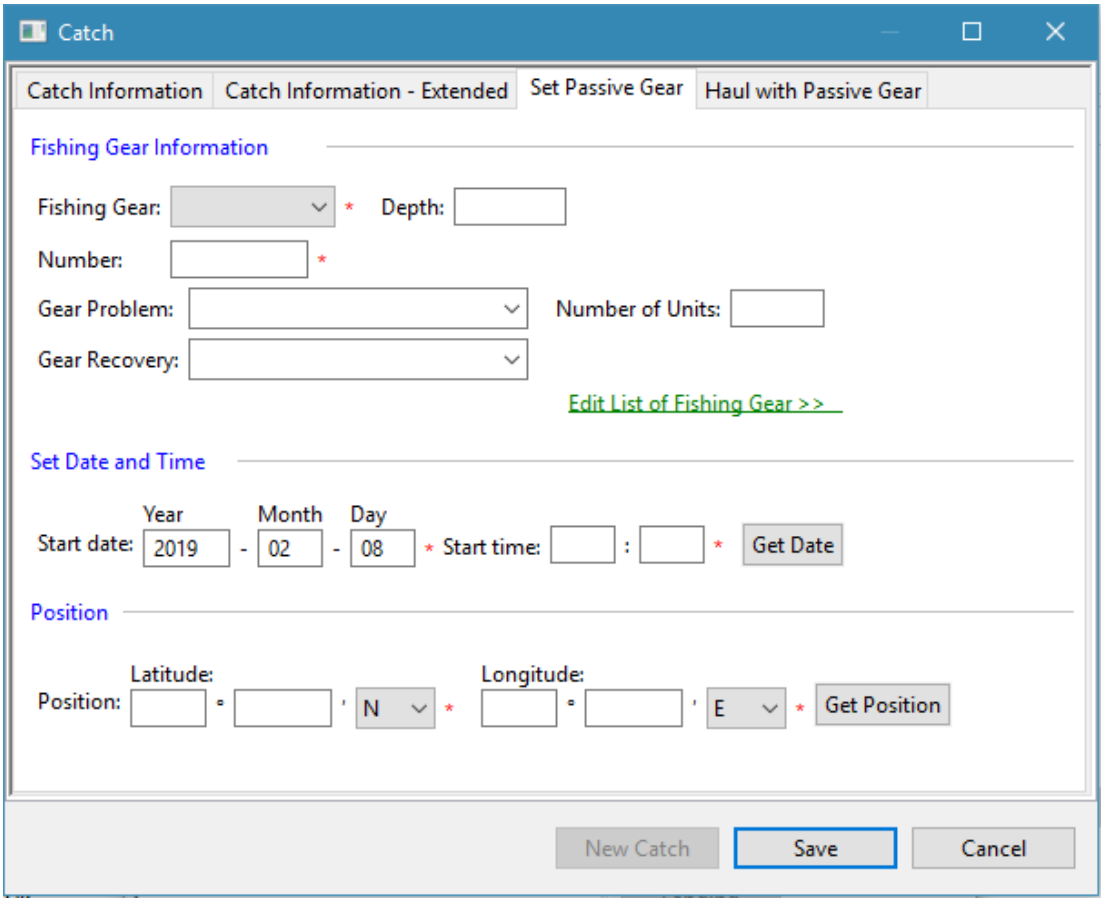


Figure 23, Set passive fishing gear

Set passive fishing gear information:

3.5.3.1.1.1 Fishing Gear Information

- Fishing gear. The fishing gear used
- Depth
- Number (configurable). Number of passive fishing gear (can be configured and your FMC might have chosen not to display this information)
- Gear problem
- Number of units. If gear has been lost, the number of gears lost.
- Gear recovery.

3.5.3.1.1.2 Set Date and Time

- Start date when the passive fishing gear was set (when using the 'Get Date' function the associated position, if any, is automatically filled in as well)
- Start time when the passive fishing gear was set (press Ctrl + N to enter the current time)

3.5.3.1.1.3 Position

- Catch position where the passive fishing gear was set entered as statistical rectangle e.g. 40G6 and/or as a position in latitude and longitude (the associated date is automatically filled in as well if the 'Get Position' function is used) (configurable).

3.5.4 Haul with Passive Gear

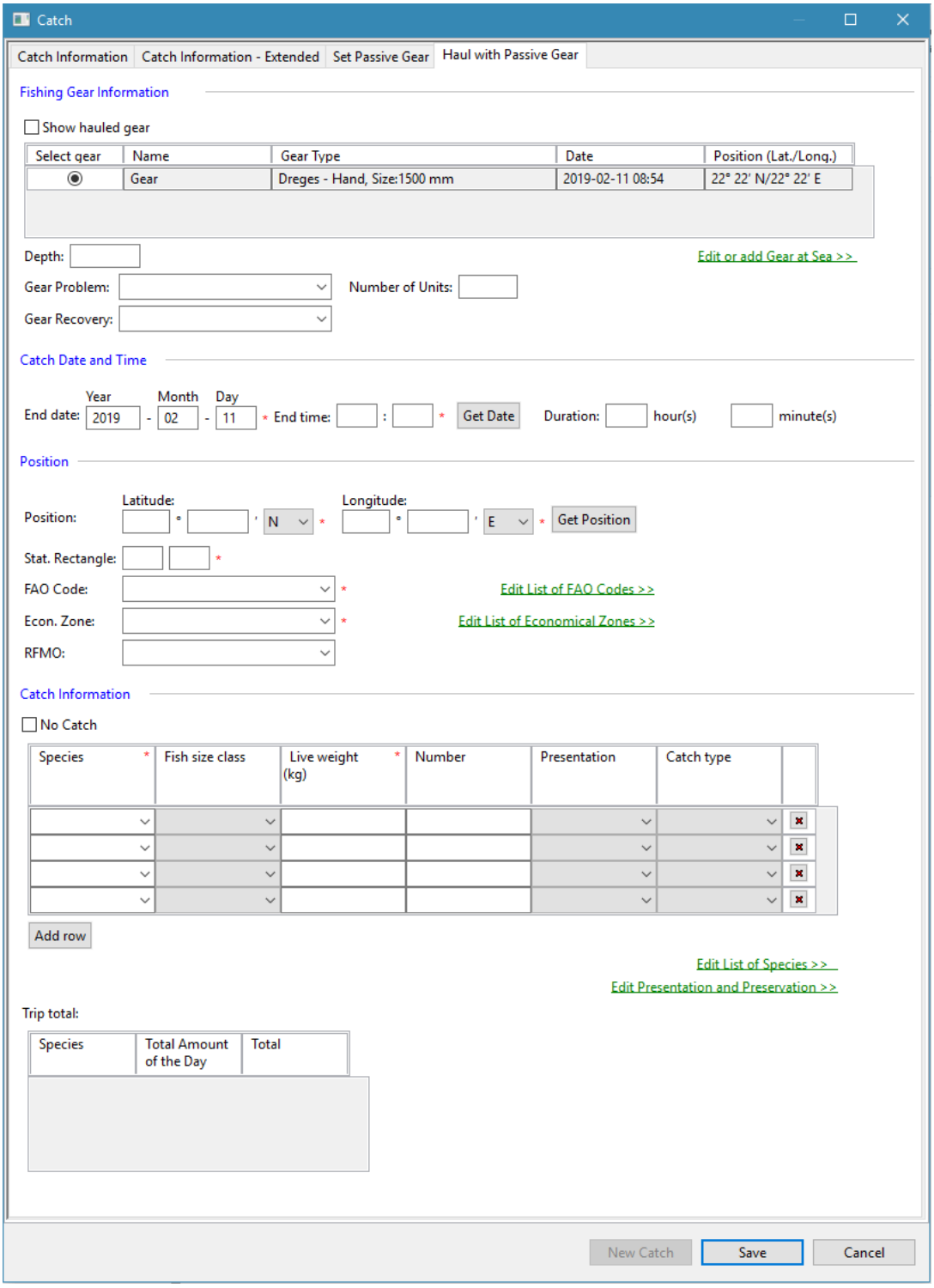


Figure 24, Haul with passive gear

Haul with passive gear information:

3.5.4.1.1.1 Fishing Gear Information

- Fishing gear information table showing all the gears that are at sea now. This information is calculated by adding all the gears that are reported in Gear at Sea table in Departure dialog with all the gears that are reported in Catch→Set Passive Gear dialog.

- Show already hauled gear checkbox. When checkbox is checked, already hauled gear is visible in a table.
- Number (configurable). Number of passive fishing gear (can be configured and your FMC might have chosen not to display this information)
- Depth
- Gear problem
- Number of units. The number of passive fishing gear if gear has been lost
- Gear recovery.

3.5.4.1.1.2 Catch Date and Time

- Date when the passive fishing ended (when using the 'Get Date' function the associated position, if any, is automatically filled in as well)
- Time when the passive fishing ended (press Ctrl + N to enter the current time)
- Duration. Soak time of the gear (number of hours and minutes)

3.5.4.1.1.3 Position

- Catch position is entered as statistical rectangle e.g. 40G6 and/or as a position in latitude and longitude (the associated date is automatically filled in as well if the 'Get Position' function is used) (configurable).
- Stat. rectangle (configurable)
- FAO Code (configurable)
- Economical zone (configurable). The nation the fishing area belongs to. This should be EEC for EU-zone, NOR for Norway or INT for International waters
- RFMO Regional Fisheries Management Organizations.

3.5.4.1.1.4 Catch information.

- No catch. If there is no catch onboard select the "No catch" checkbox
- Species. Either type in the three letter FAO fish species code or select the species from the dropdown
- Fish size class
- Processing (configurable)
- Live weight (kg)
- Number
- Preservation (configurable)
- Presentation (configurable)
- Catch type
- Trip total (Species, Total Amount of the Day, Total).

3.6 Gear Damage

This section details gear damage recording. Select 'Gear Damage' in the overview window (this feature is configurable by the FMC and might not be shown).

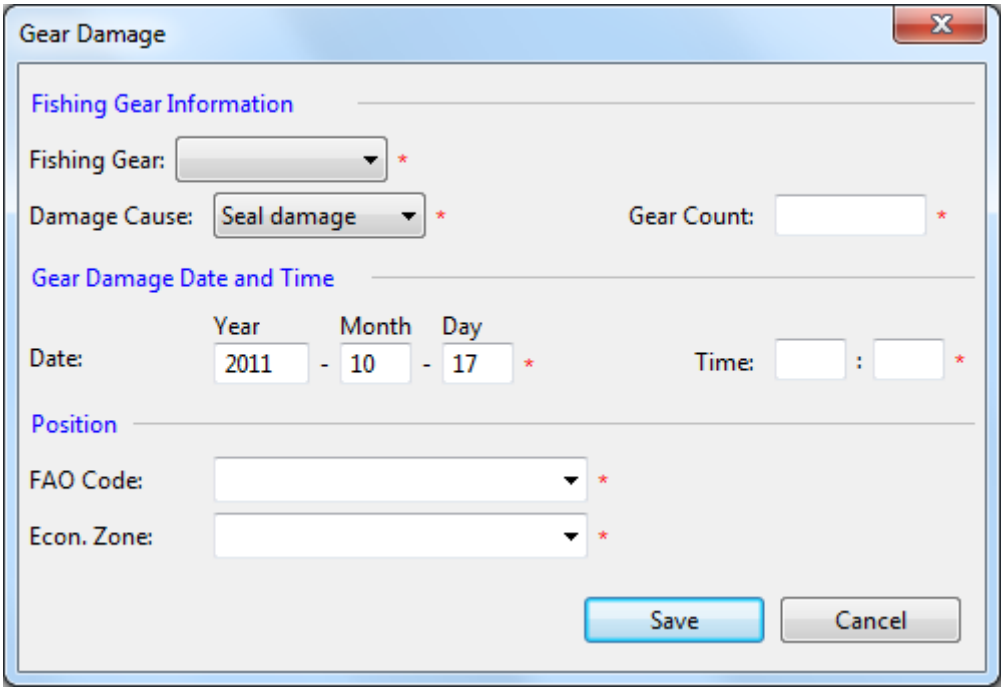


Figure 25, Gear damage

Gear damage information:

- Fishing Gear. The damaged fishing gear
- Damage cause
- Gear count. Detail the number of damaged gears
- Date and time of gear damage (press Ctrl + N to enter the current time)
- FAO Code (configurable)
- Economical zone (configurable). The nation the FAO Code belongs to. This should be EEC for EU-zone, NOR for Norway or INT for International waters etc.

3.7 Transhipment

This section details transhipment at sea. Select ‘Transhipment’ in the overview window. The window has a “Donor” tab for registration of catch that you transfer to another vessel, and a “Recipient” tab for registration of catch that you receive from another vessel: start by selecting the tab that is correct for the type of transhipment you wish to register.

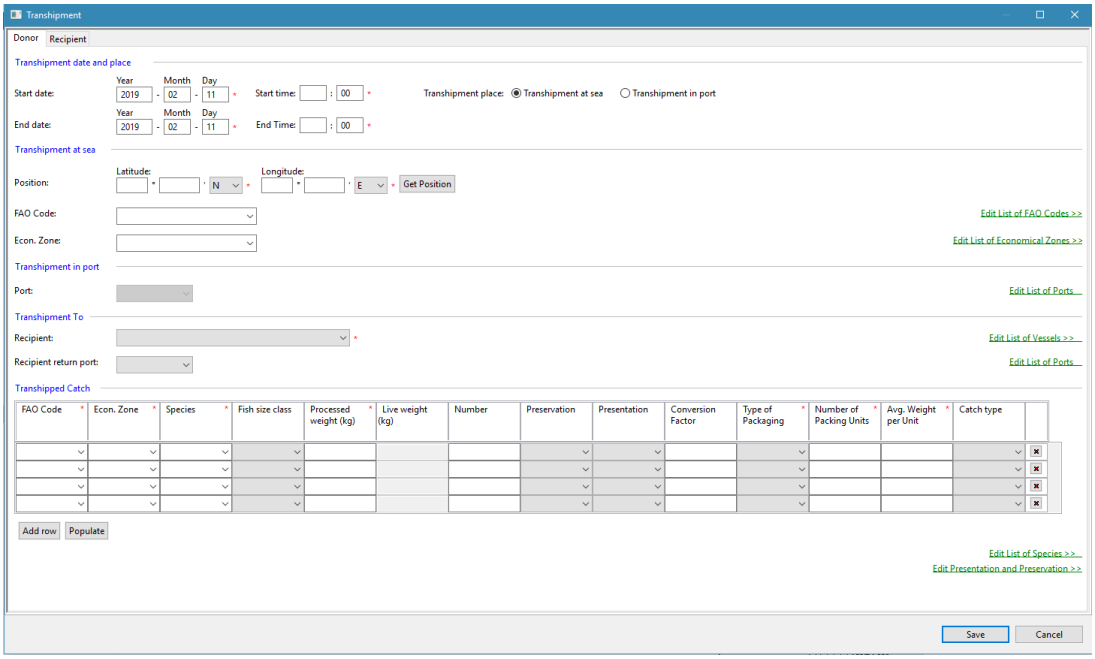


Figure 26, Transhipment – Donor tab

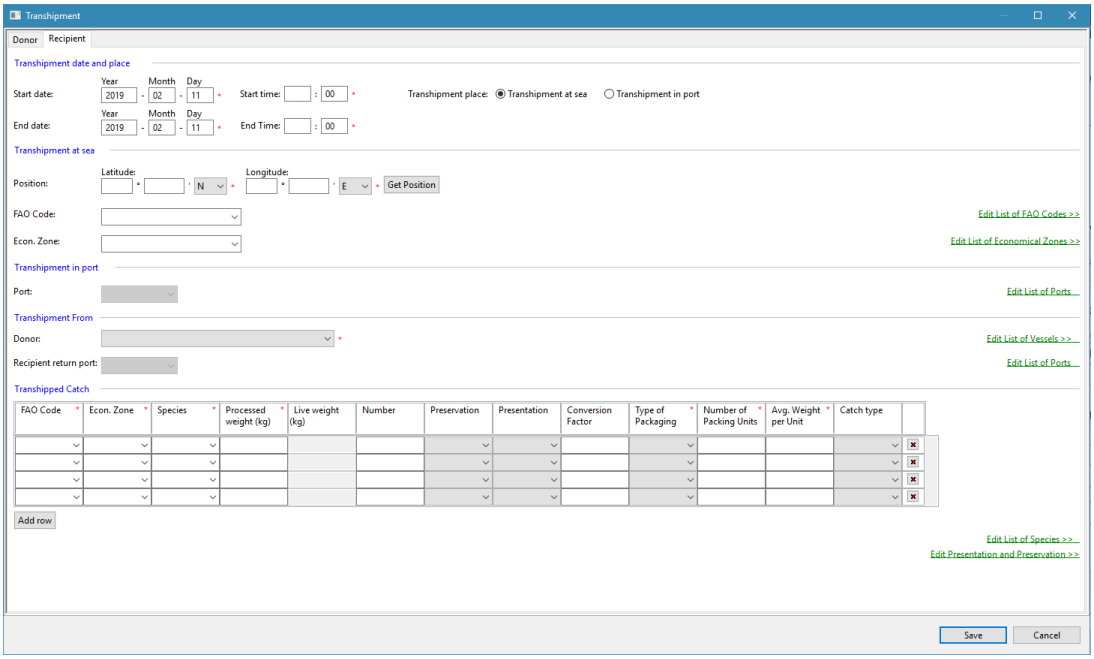


Figure 27, Transhipment – Recipient tab

Transhipment details:

3.7.1.1.1.1 Transhipment date and place

- Start date and start time of transhipment (press Ctrl + N to enter the current time)
- End date and end time of transhipment (press Ctrl + N to enter the current time)
- Entry of the location of the transhipment, either as a location at sea or as a port, is required: select the option you want by clicking either the “Transhipment at sea” or “Transhipment in port” radio button. Depending on your selection here, either the fields in the “Transhipment at sea” or the “Transhipment in port” sections will be made available.

3.7.1.1.1.2 Transhipment at sea

- Position in latitude and longitude (the associated date is automatically filled in as well if the ‘Get Position’ function is used) (configurable).

- FAO Code (configurable)
- Economical zone (configurable). The nation the fishing area belongs to. This should be EEC for EU-zone, NOR for Norway or INT for International waters.

3.7.1.1.1.3 Transhipment in port

- Port

3.7.1.1.1.4 Transhipment To/From

- Vessel details of the second vessel involved in the transhipment that is either received from or delivered to
- Recipient return port (configurable)

3.7.1.1.1.5 Transhipped catch

- FAO code, Economical zone, Species, Fish size class, Processing, Processed weight (kg), Live weight (kg), Number, Freshness category, Preservation, Presentation, Conversion Factor, Type of Packaging, Number of Packing Units, Average Weight per Unit, Catch type and Gear type (this information can be configured and your FMC might have chosen only some of them). Live weight in Transhipment is calculated by multiplying Processed weight (kg) and Conversion factor values.
  By activating the "Populate" button in Transhipment dialog's Donor tab under Transhipped Catch table you will see your onboard catch. By selecting one or more of the catches and then selecting the "Populate" button the data will be automatically copied to the Transhipped Catch table.

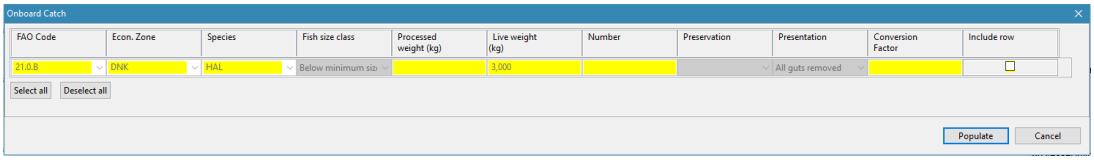


Figure 28, Onboard catch

3.8 Relocation

Relocation is used when a catch (or part of it) is transferred from a shared (possibly many partners) fishing gear to a vessel. The vessel taking the catch onboard treats this as a catch. Other vessels register the catch as relocation.

Relocation is also used when a catch is transferred from a vessel's hold or fishing gear to a keep net container or cage (outside the vessel) in which the live catch is kept until landing. Select 'Relocation' in the overview window.

The window has a "Donor" tab and a "Recipient" tab. Start by selecting the tab that is correct for the type of relocation you wish to register.

The donating tab is used in the following two scenarios:

1) When catch is transferred from hold or fishing gear to keep net, container, barge or cage (outside the vessel). In this scenario there is no receiving vessel.
2) When catch is transferred or moved from shared fishing gear to another vessel. In this scenario the receiving vessel must be specified.

The recipient tab is used in the following scenarios:

1) When catch is taken aboard from shared fishing gear.
2) When catch is taken aboard from keep net, container, barge or cage (outside the vessel). Note that this declaration is not part of the ERS logbook declaration and thus cannot be exchanged between FMCs.

When catch is taken aboard from shared fishing gear the donating vessel(s) must be specified. Depending on FMC configuration this can be specified in either a single field or as a list of partnering vessels.

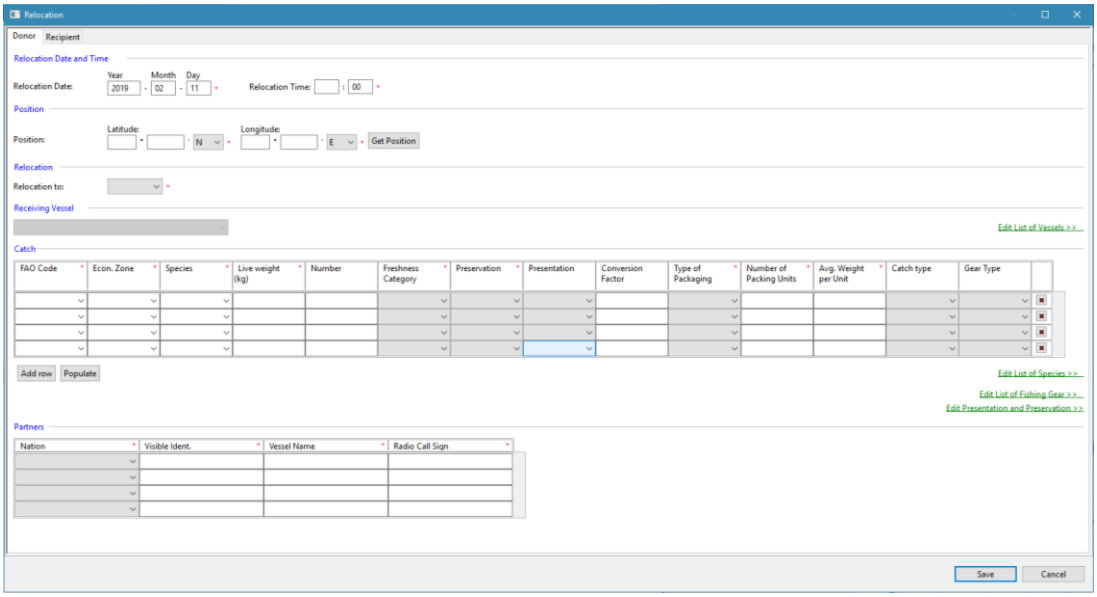


Figure 29, Relocation – Donor tab

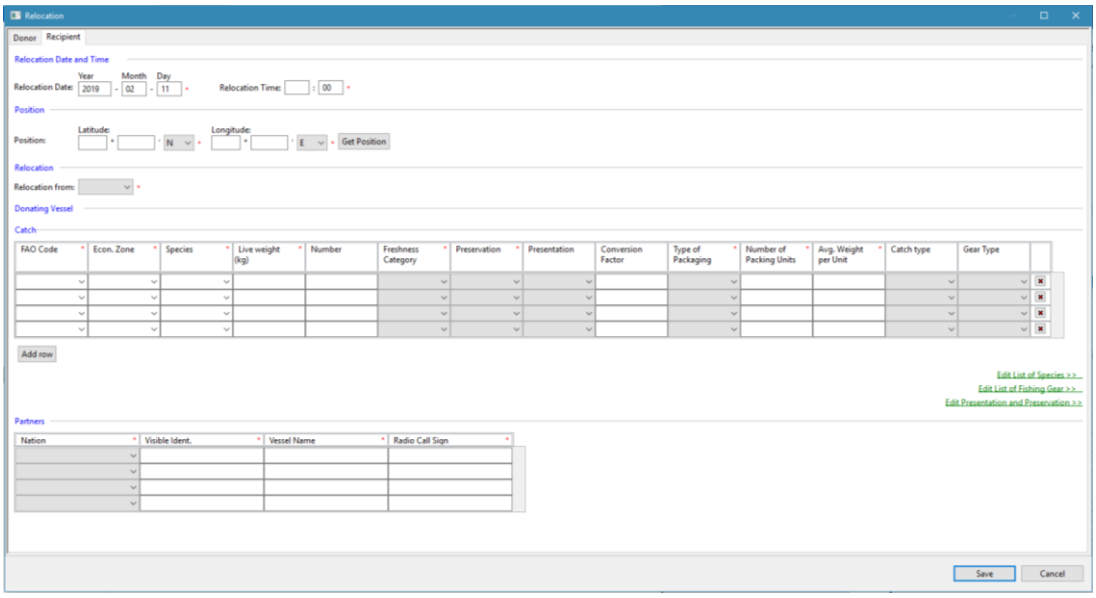


Figure 30, Relocation – Recipient tab

Details for relocation information:

3.8.1.1.1.1 Relocation Date and Time

- Date and time of relocation (press Ctrl + N to enter the current time)

3.8.1.1.1.2 Position

- Position where relocation was done as latitude and longitude

3.8.1.1.1.3 Relocation to/from

- Relocation to/from: Hull (requires a receiving vessel), Keep nets, Cages, Barge

3.8.1.1.1.4 Receiving/ Donating Vessel

- Receiving vessel if destination is Hull (nation, flag state, name, and radio call sign)

3.8.1.1.1.5 Catch

- Relocated catch. FAO Code, Economical zone, Species, Processing, Live weight (kg), Number, Freshness Category, Preservation , Presentation, Type of packaging,

Number of packing units, Average weight per unit, Catch type, Gear type, and Conversion factor (this information can be configured and your FMC might have chosen only some of them).

By activating the “Populate” button in Relocation dialog’s Donor tab under Catch table you will see your onboard catch. By selecting one or more of the catches and then selecting the “Populate” button the data will automatically be copied to the Catch table.

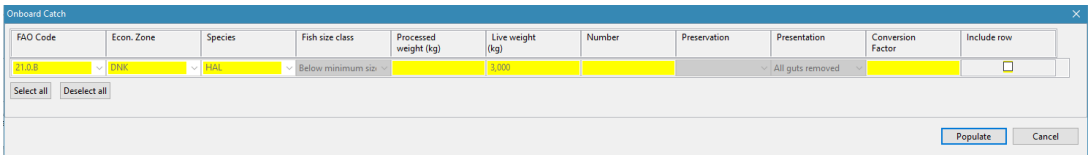


Figure 31, Onboard catch

3.8.1.1.1.6 Partners

- Partners in relocation (can be configured and your FMC might have chosen not to display this information).

3.9 Discard

This section details the discarding of fish (your FMC might have chosen that discarding of fish should not be registered). Select ‘Discard’ in the overview window.

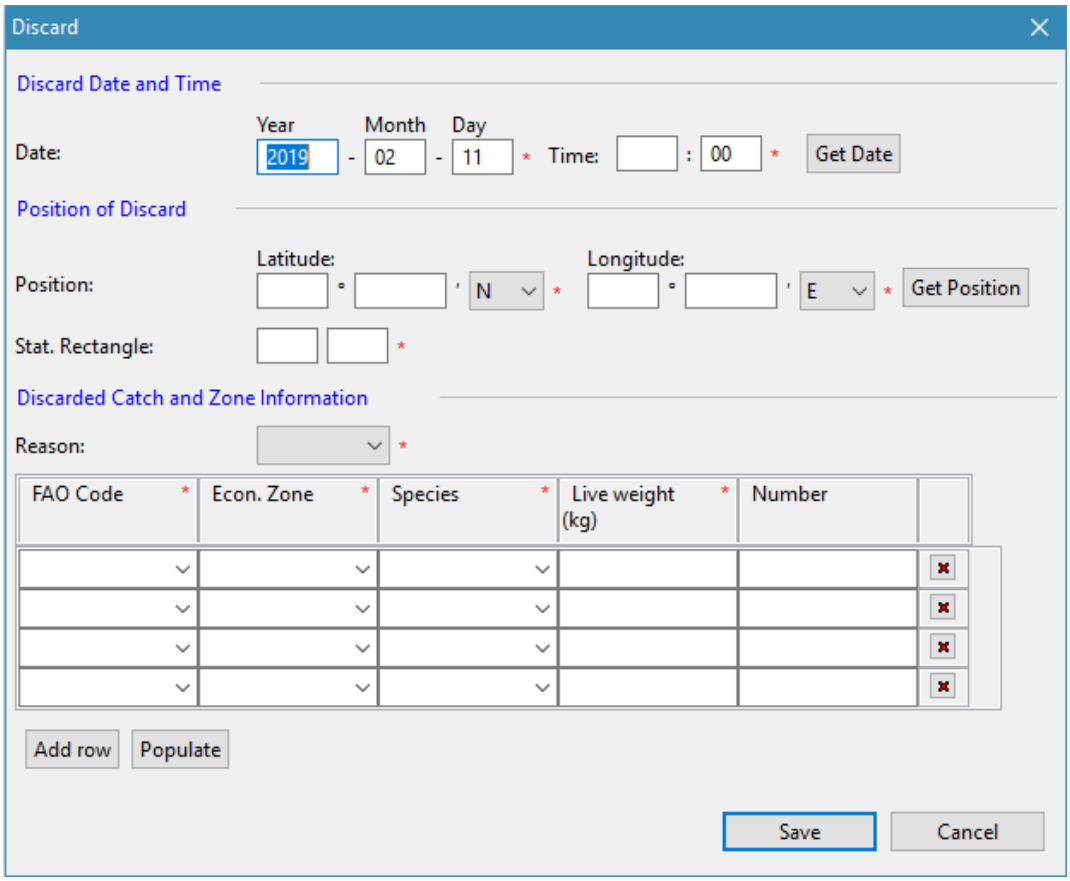


Figure 32, Discard

Discard information:

3.9.1.1.1.1 Discard Date and Time

- Date of discard (when using the ‘Get Date’ function the associated position, if any, is automatically filled in as well)
- Time of discard (press Ctrl + N to enter the current time)

3.9.1.1.1.2 Position of Discard

- Position where fish was discarded as latitude and longitude and/or Statistical rectangle (the associated date is automatically filled in as well if the 'Get Position' function is used) (configurable).

3.9.1.1.1.3 Discarded Catch and Zone Information

- Reason (configurable)
- Discarded catch. FAO Code the fish were caught in, Economical Zone, Species, Live weight (kg), and Number.

By activating the "Populate" button in Discard dialog under discarded catch table you will see your onboard catch. By selecting one or more of the catches and then selecting the "Populate" button the data will automatically be copied to the Discarded Catch and Zone Information table.

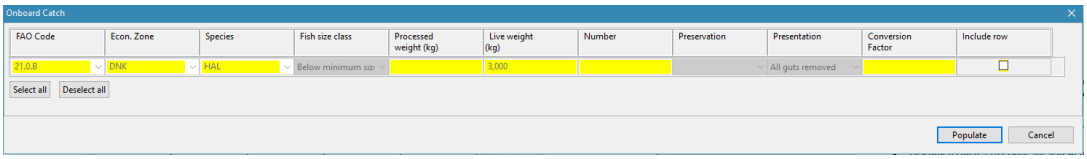


Figure 33, Onboard Catch

3.10 Hail Message

This section details communication in relation to a Fishery authority. Select 'Hail Message' in the overview window.

The dialog is divided into 3 tabs, one for selecting EU hail messages, one for selecting Norwegian hail messages, and one called "Other" which contains the crew manifest (can be configured and your FMC might have chosen only some of the tabs):

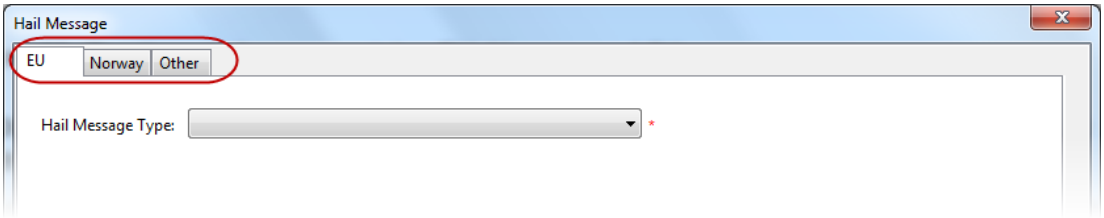


Figure 34, The three hail message tabs: EU, Norway, and Other

Choose the type of message from the drop down list. Depending on the message type different information is necessary.

In general the hail message dialogs will be prefilled with as much data as possible from the logbook. An example is the Norwegian DCA hail message where fishing activities since last relevant hail message automatically will be included. Further the onboard catch is calculated and shown where ever relevant such that it is not needed to specify this.

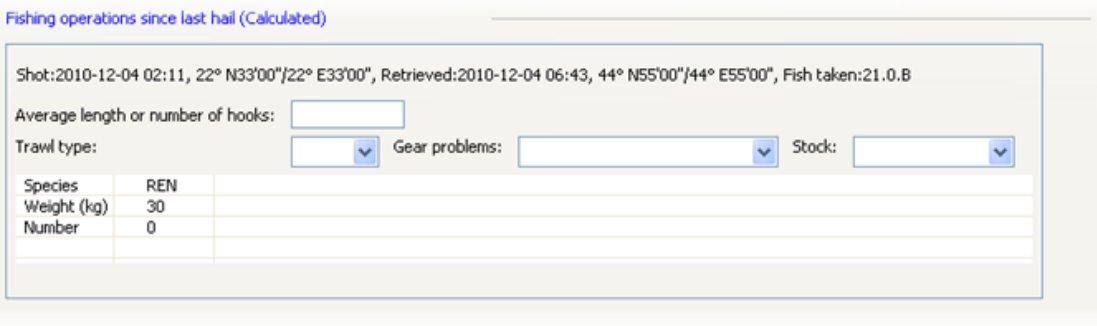


Figure 35, Prefilled catch information in the hail message

vCatch checks if any information for the chosen message is missing and requests for missing information before sending the message. Remember to send the message using the Send button (in the overview window).

3.10.1 EU

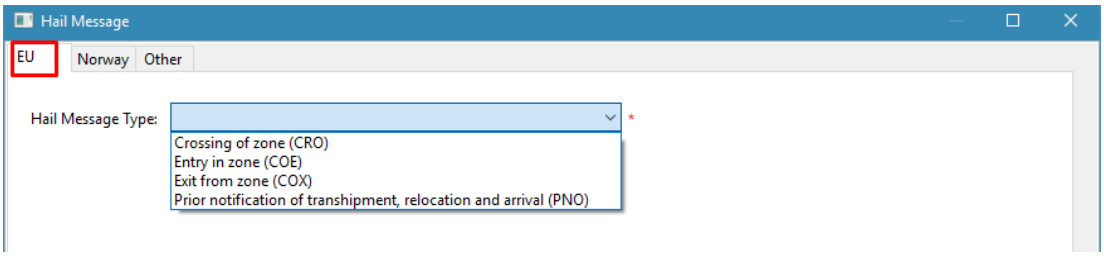


Figure 36, EU tab

3.10.1.1 Crossing of zone (CRO)

This hail message is used if the vessel is crossing an effort zone without carrying out fishing activity in that zone.

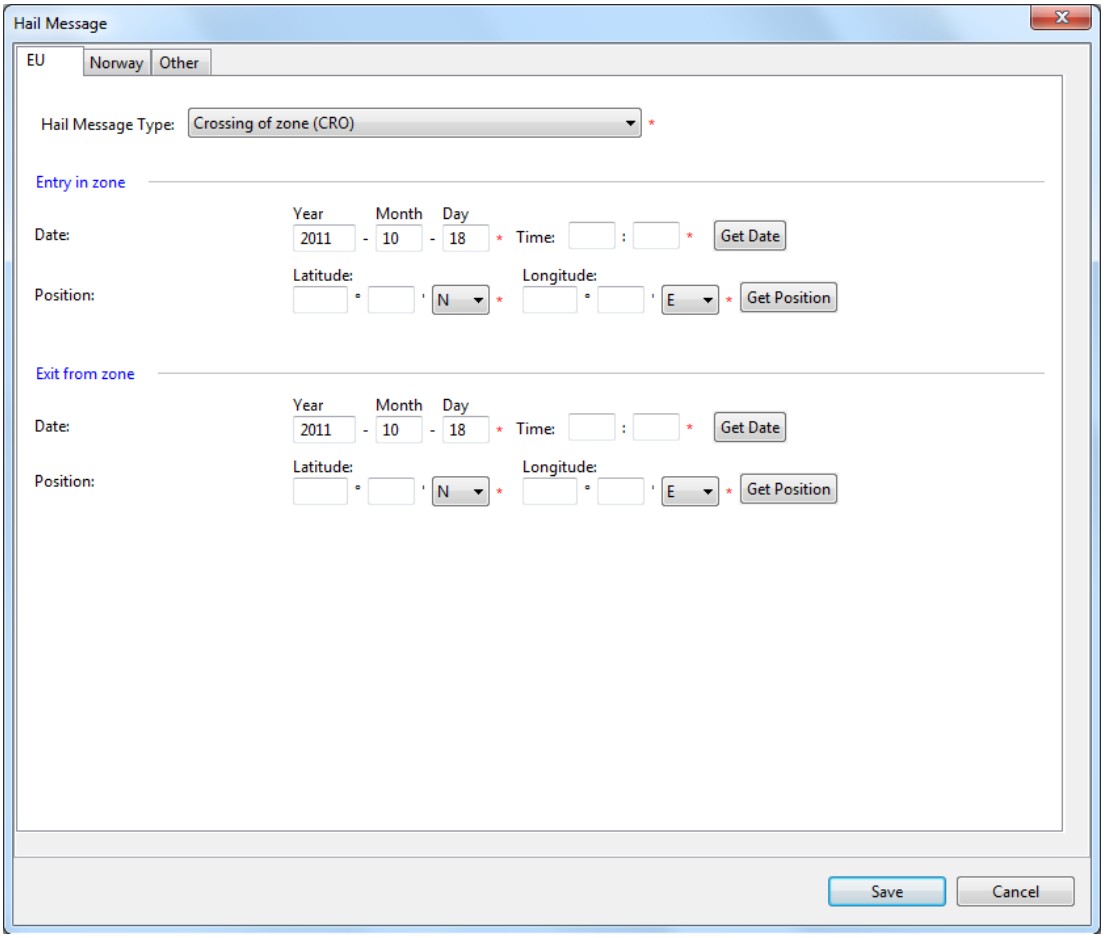


Figure 37, Crossing of Zone hail message - EU

Crossing of zone hail message details:

- Date of entry
- Time of entry (press Ctrl + N to enter the current time)
- Position as latitude and longitude
- Date of exit
- Time of exit
- Position as latitude and longitude

When using the ‘Get Date’ function the associated position, if any, is automatically filled in as well. In the same way the associated date is automatically filled in if the ‘Get Position’ function is used.

3.10.1.2 Entry in zone (COE)

This hail message is used if the fishing vessel enters an effort zone in which it is likely to carry out fishing activities.

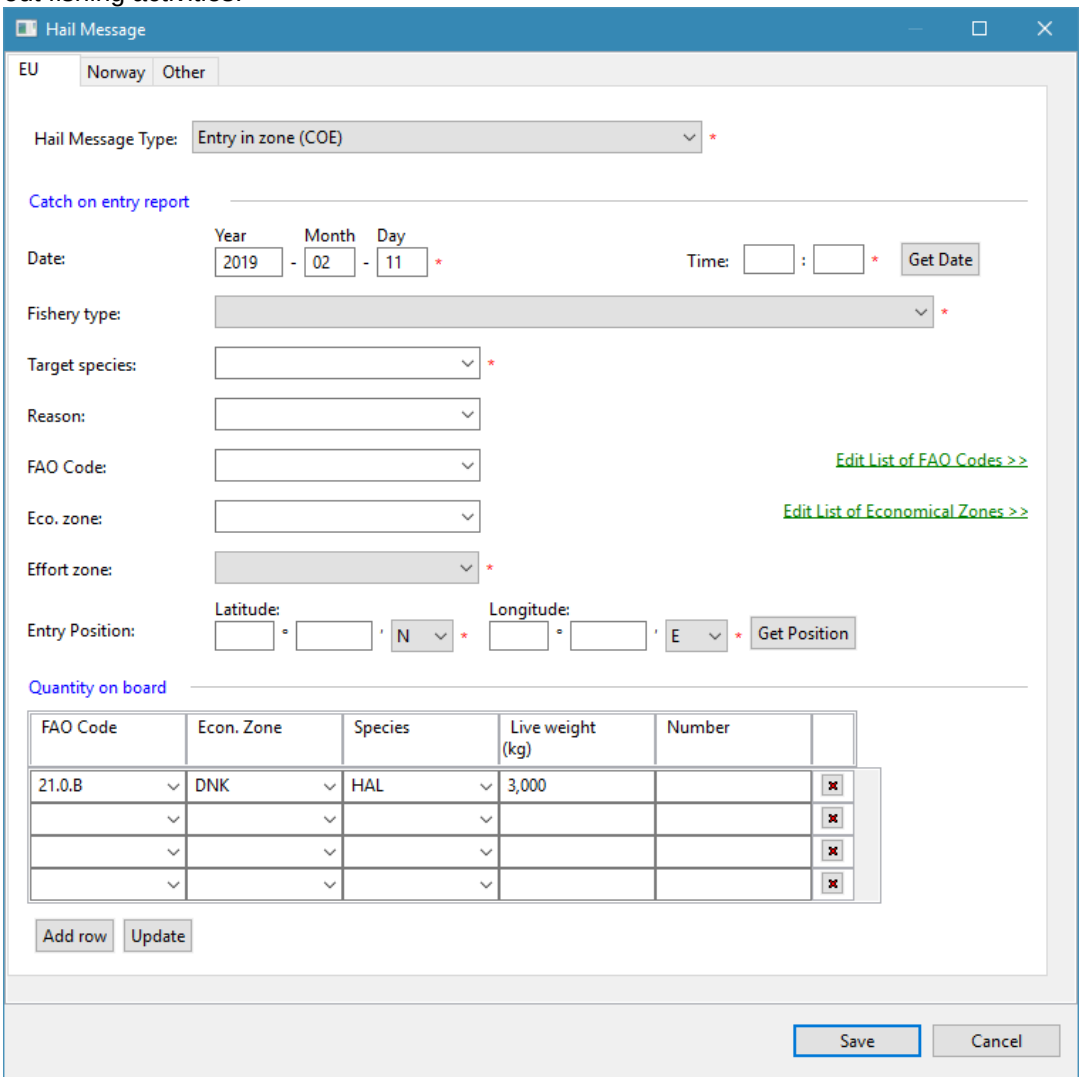


Figure 38, Entry in zone hail message - EU

Entry in zone hail message details:

- Date of entry (when using the ‘Get Date’ function the associated position, if any, is automatically filled in as well)
- Time of entry (press Ctrl + N to enter the current time)
- Fishery type
- Target species (configurable)
- Reason
- Catch position as latitude and longitude and/or FAO Code and/or Economical zone (the associated date is automatically filled in as well if the ‘Get Position’ function is used) (configurable).
- Effort zone (configurable)
- Quantity on board (FAO Code, Econ. Zone, Species, Live weight (kg), Number)

3.10.1.3 Exit from zone (COX)

This hail message is used when a vessel leaves an effort zone in which it has carried out fishing activities.

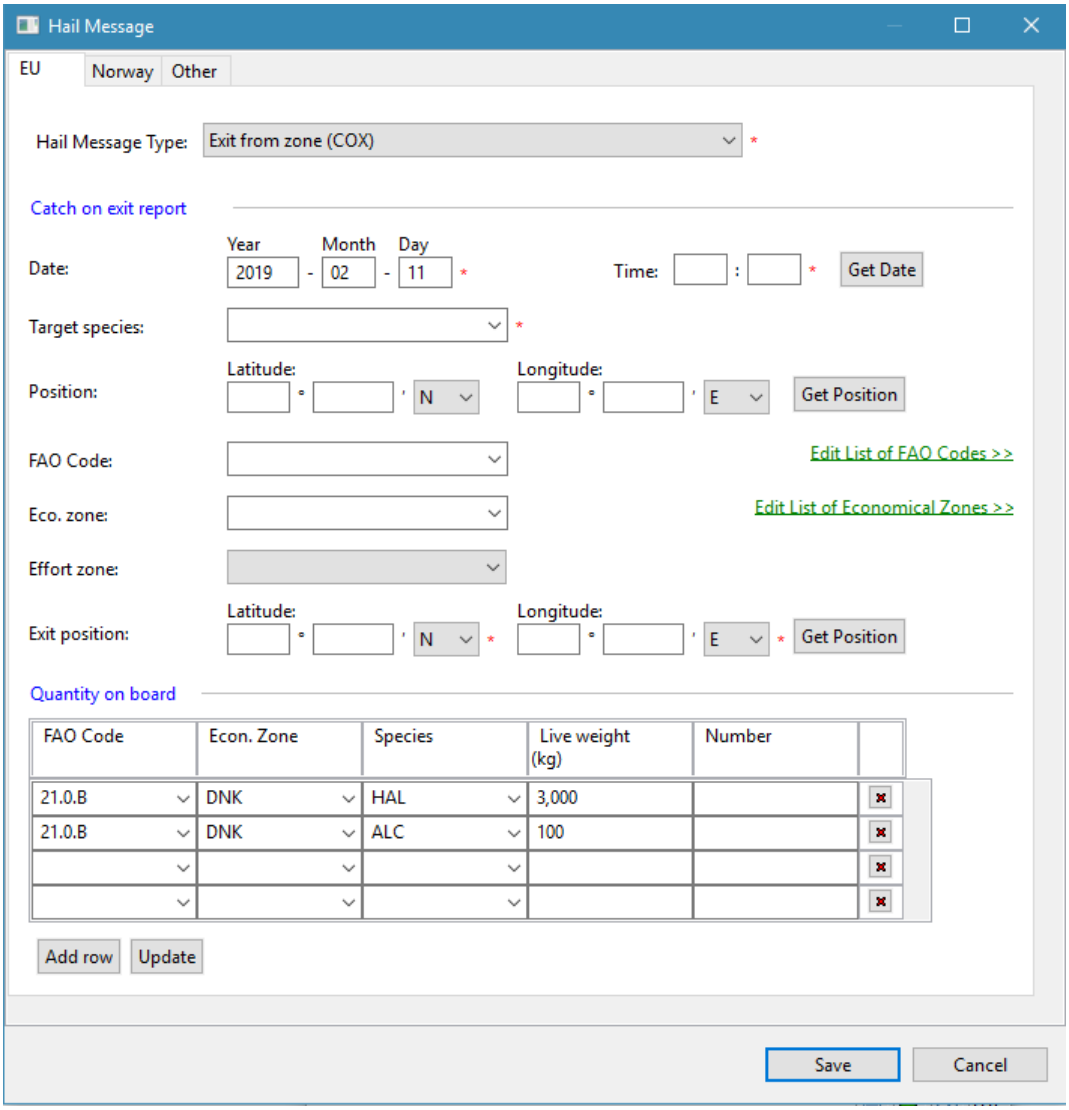


Figure 39, Exit from zone hail message - EU

Exit from zone hail message details:

- Date of exit (when using the 'Get Date' function the associated position, if any, is automatically filled in as well)
- Time of exit (press Ctrl + N to enter the current time)
- Target Species (configurable)
- Catch position as latitude and longitude and/or FAO Code and/or Economical zone (the associated date is automatically filled in as well if the 'Get Position' function is used) (configurable).
- Effort zone (configurable)
- Exit position as latitude and longitude
- Quantity on board (FAO Code, Econ. Zone, Species, Live weight (kg), Number).

3.10.1.4 Prior notification of transhipment, relocation and arrival (PNO)

This hail message is used to present prior notification to the port authorities of the vessel's intention to arrive at the port for landing or transhipment.

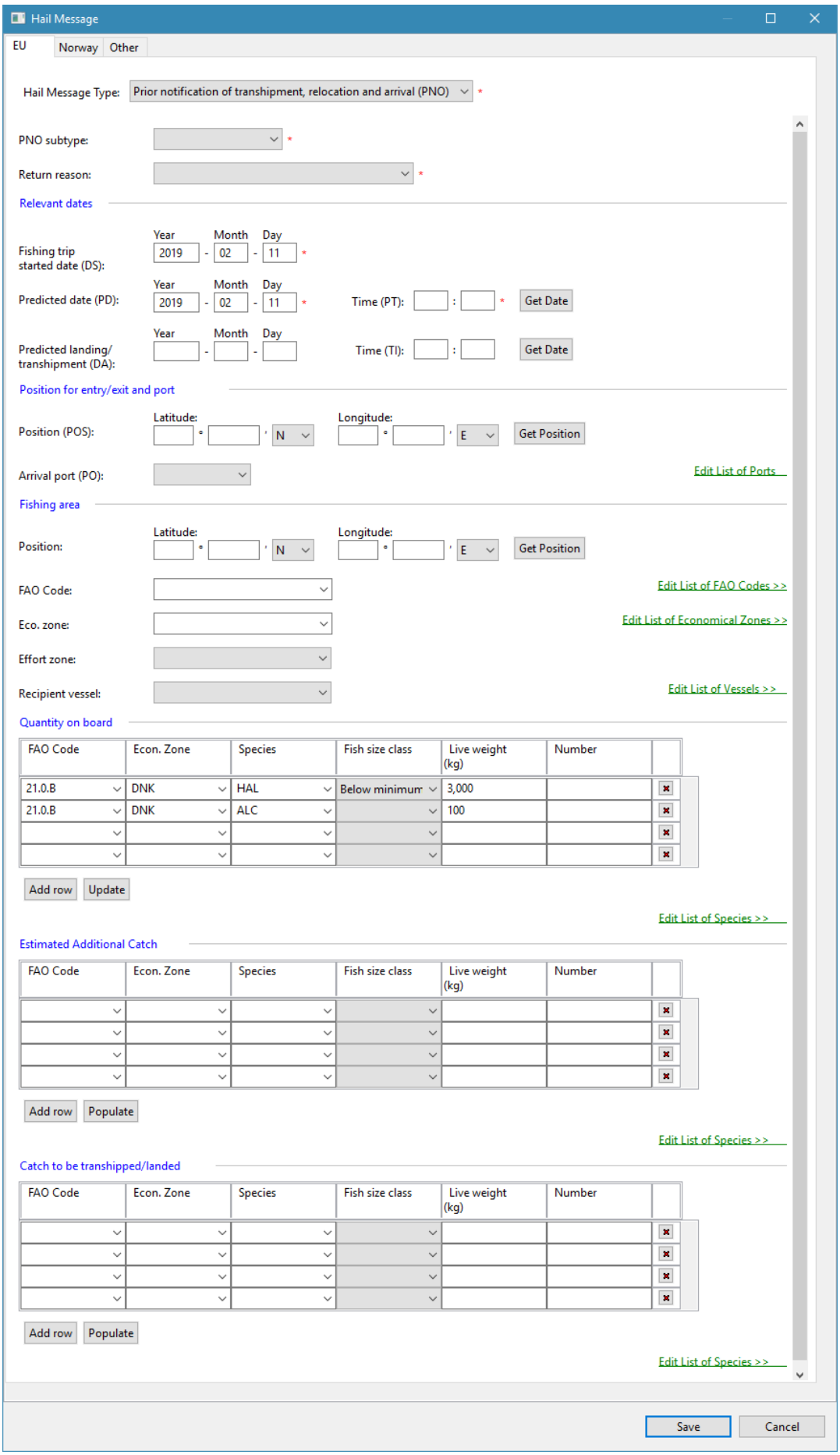

Hail Message
EU
Norway
Other
Hail Message Type: Prior notification of transhipment, relocation and arrival (PNO) *
PNO subtype: *
Return reason: *
Relevant dates
Year Month Day
Fishing trip started date (DS): 2019 - 02 - 11 *
Predicted date (PD): 2019 - 02 - 11 * Time (PT): : * Get Date
Predicted landing/ transhipment (DA): Time (TI): : Get Date
Position for entry/exit and port
Position (POS): Latitude: ° ' N Longitude: ° ' E Get Position
Arrival port (PO): Edit List of Ports
Fishing area
Position: Latitude: ° ' N Longitude: ° ' E Get Position
FAO Code: Edit List of FAO Codes >>
Eco. zone: Edit List of Economical Zones >>
Effort zone:
Recipient vessel: Edit List of Vessels >>
Quantity on board
FAO Code | Econ. Zone | Species | Fish size class | Live weight (kg) | Number
21.0.B | DNK | HAL | Below minimum | 3,000
21.0.B | DNK | ALC | 100
Add row Update
Edit List of Species >>
Estimated Additional Catch
FAO Code | Econ. Zone | Species | Fish size class | Live weight (kg) | Number
Add row Populate
Edit List of Species >>
Catch to be transhipped/landed
FAO Code | Econ. Zone | Species | Fish size class | Live weight (kg) | Number
Add row Populate
Edit List of Species >>
Save
Cancel

Figure 40, Prior notification of transhipment, relocation and arrival hail message - EU

Prior notification of transhipment, relocation and arrival hail message details:

- PNO subtype
- Return reason

3.10.1.4.1.1 Relevant dates

- Fishing trip started date (DS)
- Predicted date of entry (PD)
- Predicted time of entry (PT) (press Ctrl + N to enter the current time)
- Date of predicted landing or transhipment (DA) if relevant
- Time of predicted landing or transhipment (TI) if relevant

3.10.1.4.1.2 Position for entry/exit and port

- Position (POS) as latitude and longitude
- Arrival port (PO). If the Arrival port selected is not a port in the flag state this hail message will automatically be exchanged to the relevant FMC in the coast state (ERS format).

3.10.1.4.1.3 Fishing area (configurable)

- Position of fishing area if relevant. Registered as latitude and longitude and/or FAO Code and/or Economical zone
- Effort zone
- Recipient vessel

3.10.1.4.1.4 Quantity on board

- FAO code
- Economical zone
- Species
- Fish size class
- Processing (configurable)
- Live weight (kg)
- Number

3.10.1.4.1.5 Estimated Additional Catch (configurable)

- FAO code
- Economical zone
- Species
- Fish size class
- Processing (configurable)
- Live weight (kg)
- Number

3.10.1.4.1.6 Catch to be transhipped/landed

- FAO code
- Economical zone
- Species
- Fish size class
- Processing (configurable)
- Live weight (kg)
- Number

When using the ‘Get Date’ function the associated position, if any, is automatically filled in as well. In the same way the associated date is automatically filled in if the ‘Get Position’ function is used.
By activating the “Populate” buttons you will see your onboard catch. By selecting one or more of the catches and then selecting the “Populate” button the data will automatically be copied to the Catch table.

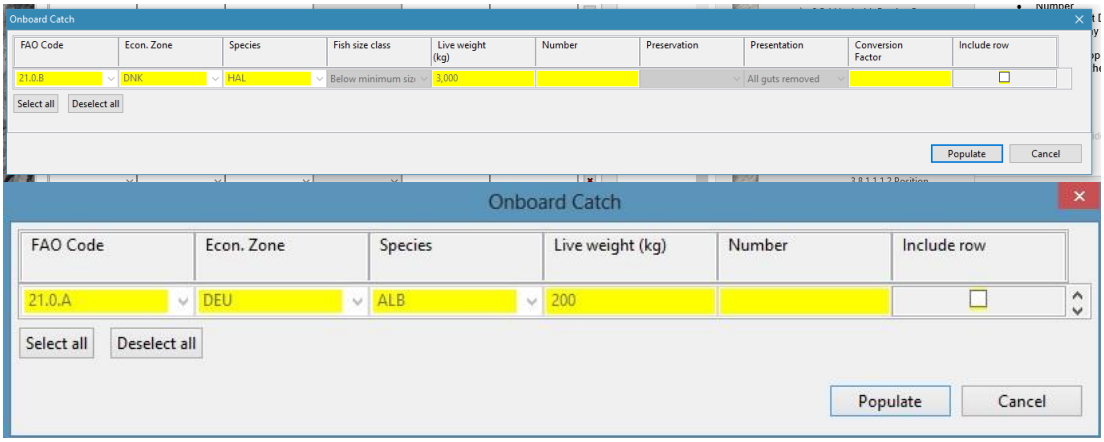


Figure 41, Onboard catch

3.10.2 Norway (CREWS messages)

All the hail messages listed under the “Norway” tab will automatically be exchanged to the Norwegian FMC (CREWS format).

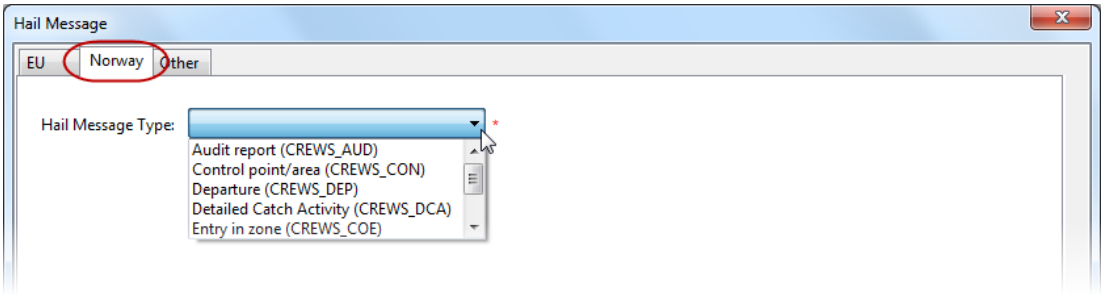


Figure 42, Norway tab

See section 3.10.2.10 and 3.10.2.11 for correction and cancelling of CREWS messages.

3.10.2.1 Audit report (CREWS AUD)

The Audit report is used to test the connection between vessel and FMC.

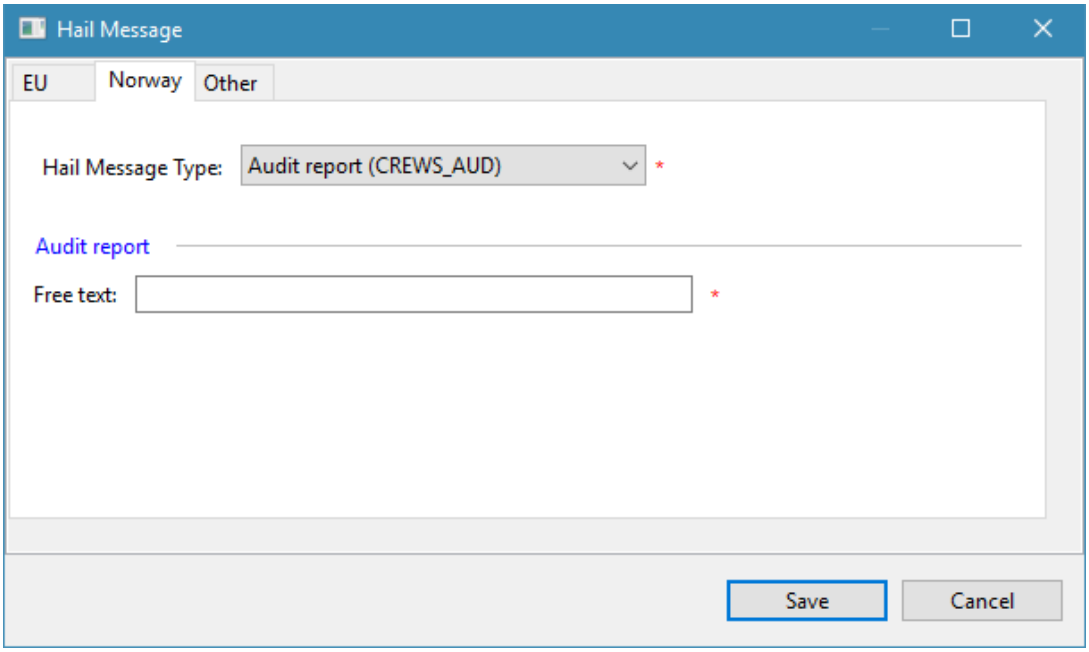


Figure 43, Audit report hail message - Norway

3.10.2.2 Control point/area (CREWS CON)

This hail message is used to report on position for control.

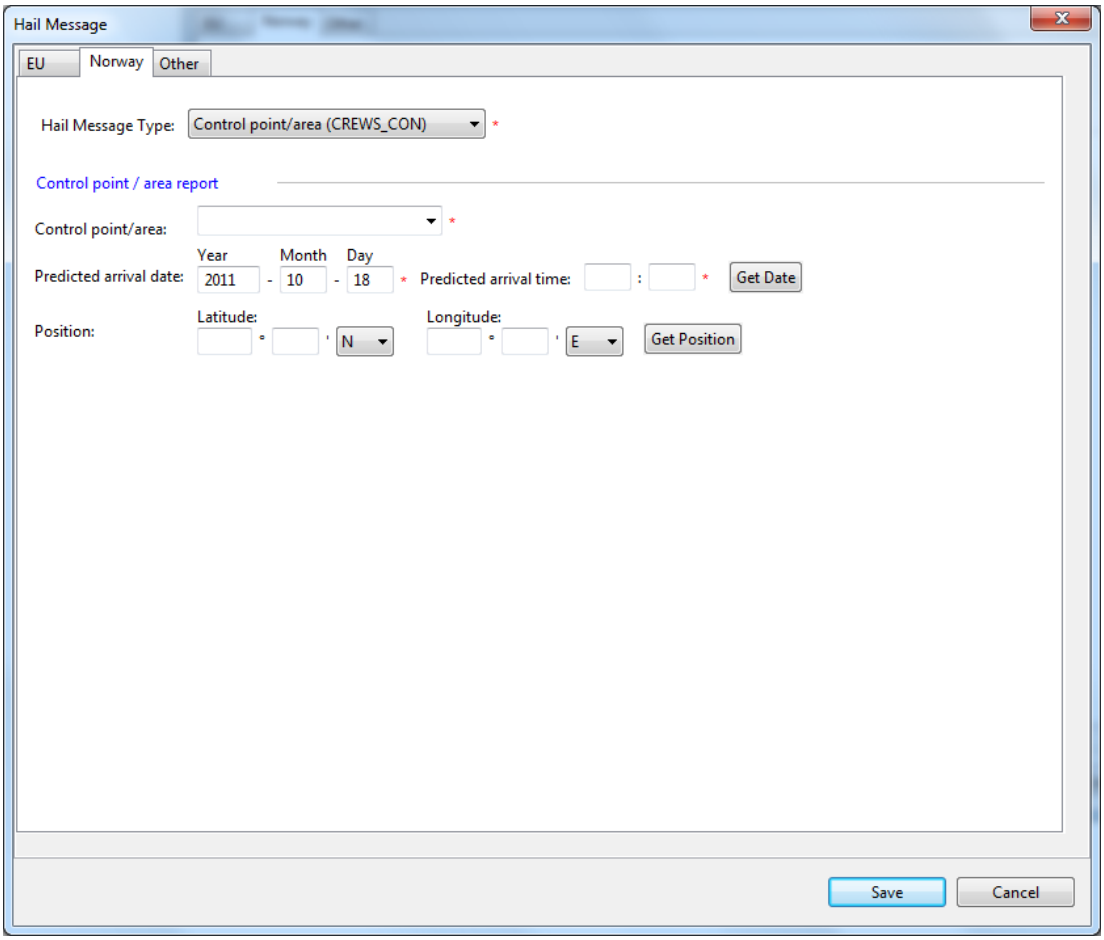


Figure 44, Control point/area hail message - Norway

Control point/area hail message details:

- Control point/area
- Predicted arrival date (when using the 'Get Date' function the associated position, if any, is automatically filled in as well)
- Predicted arrival time (press Ctrl + N to enter the current time)
- Position as latitude and longitude (the associated date is automatically filled in as well if the 'Get Position' function is used)

3.10.2.3 Departure (CREWS DEP)

This hail messaged is used before departing a Norwegian port.

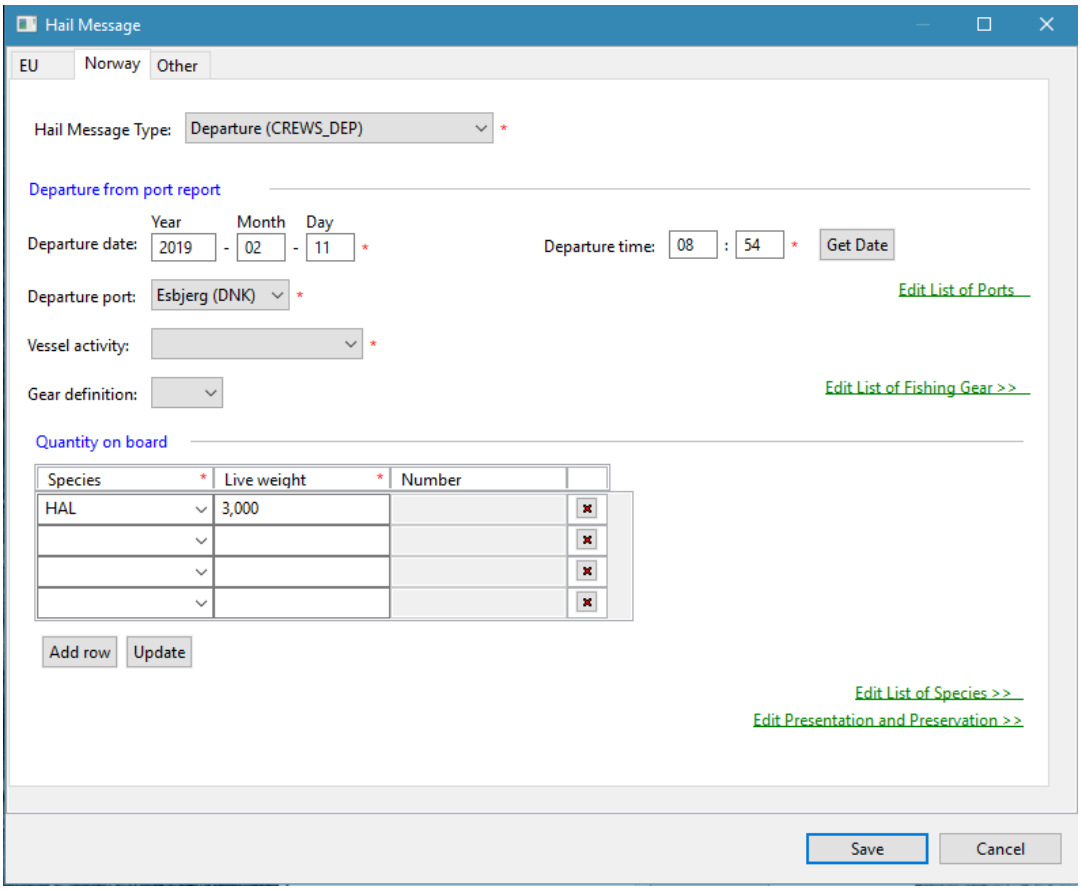


Figure 45, Departure hail message - Norway

Departure hail message details:

- Departure date (when using the 'Get Date' function the associated position, if any, is automatically filled in as well)
- Departure time (press Ctrl + N to enter the current time)
- Departure Port
- Vessel activity
- Gear definition
- Quantity on board (Species, Live weight, Number)

3.10.2.4 Detailed Catch Activity (CREWS DCA)

This hail message is used to specify the catch activity of the vessel.

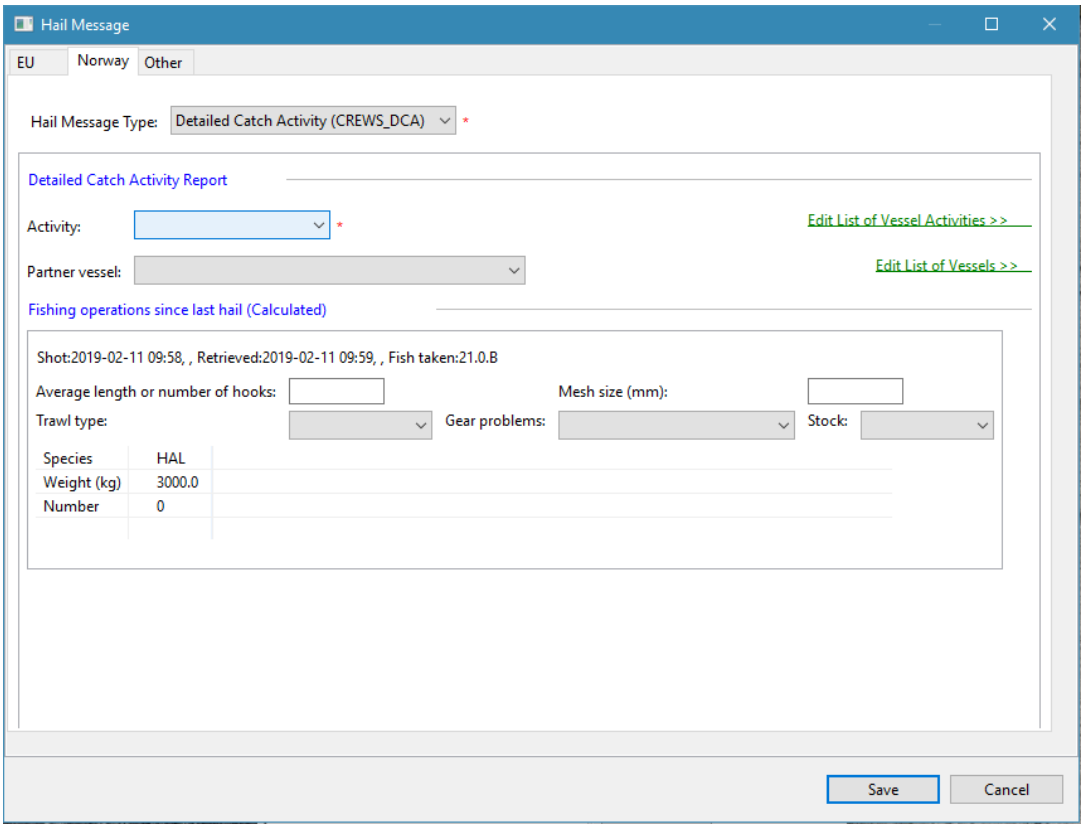


Figure 46, Detailed Catch Activity hail message - Norway

Detailed Catch Activity hail message information:

- Activity
- Partner vessel

Fishing operations since last hail (Calculated):

- Average length or number of hooks
- Mesh size (mm)
- Trawl type
- Gear problems
- Stock

3.10.2.5 Entry in zone (CREWS COE)

This hail message is used when a vessel intends to fish in Norwegian waters.

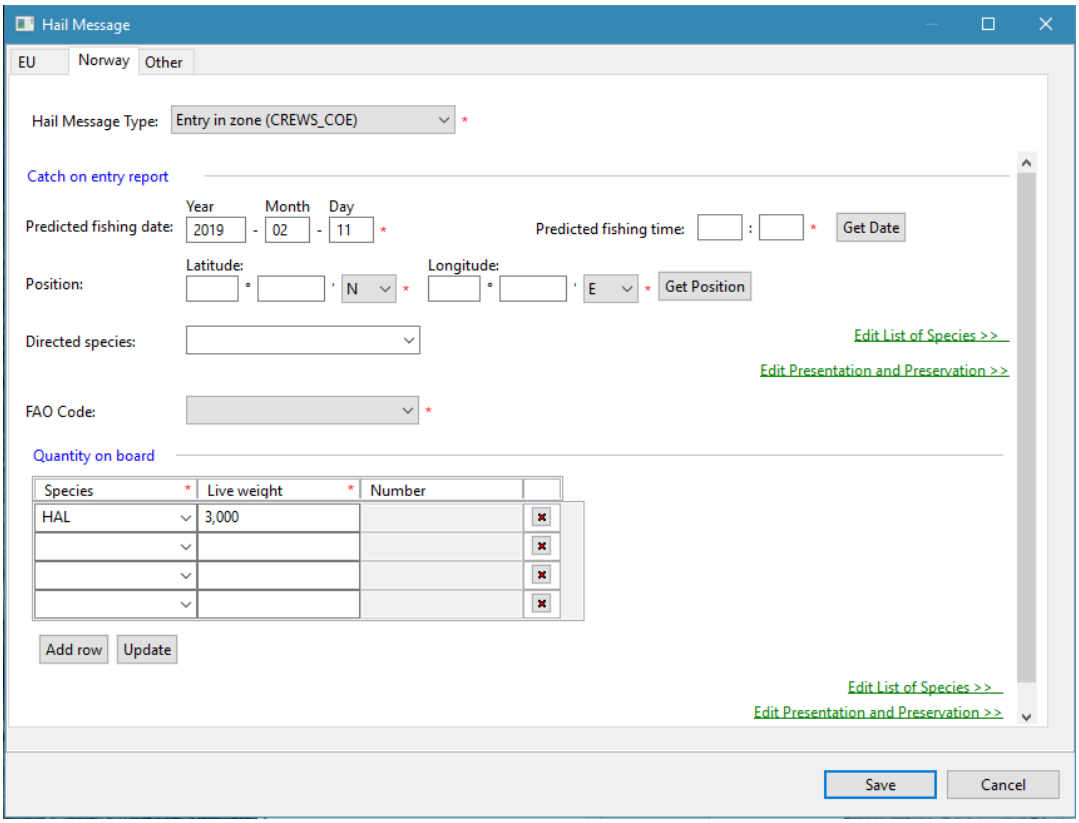


Figure 47, Entry in zone hail message - Norway

Entry in zone hail message to Norway details:

- Predicted fishing date (when using the 'Get Date' function the associated position, if any, is automatically filled in as well)
- Predicted fishing time (press Ctrl + N to enter the current time)
- Catch position as latitude and longitude (the associated date is automatically filled in as well if the 'Get Position' function is used)
- Directed species
- FAO Code
- Quantity on board (Species, Live weight, Number)

3.10.2.6 Exit from zone (CREWS COX)

This hail message is used before the vessel exits from Norwegian waters.

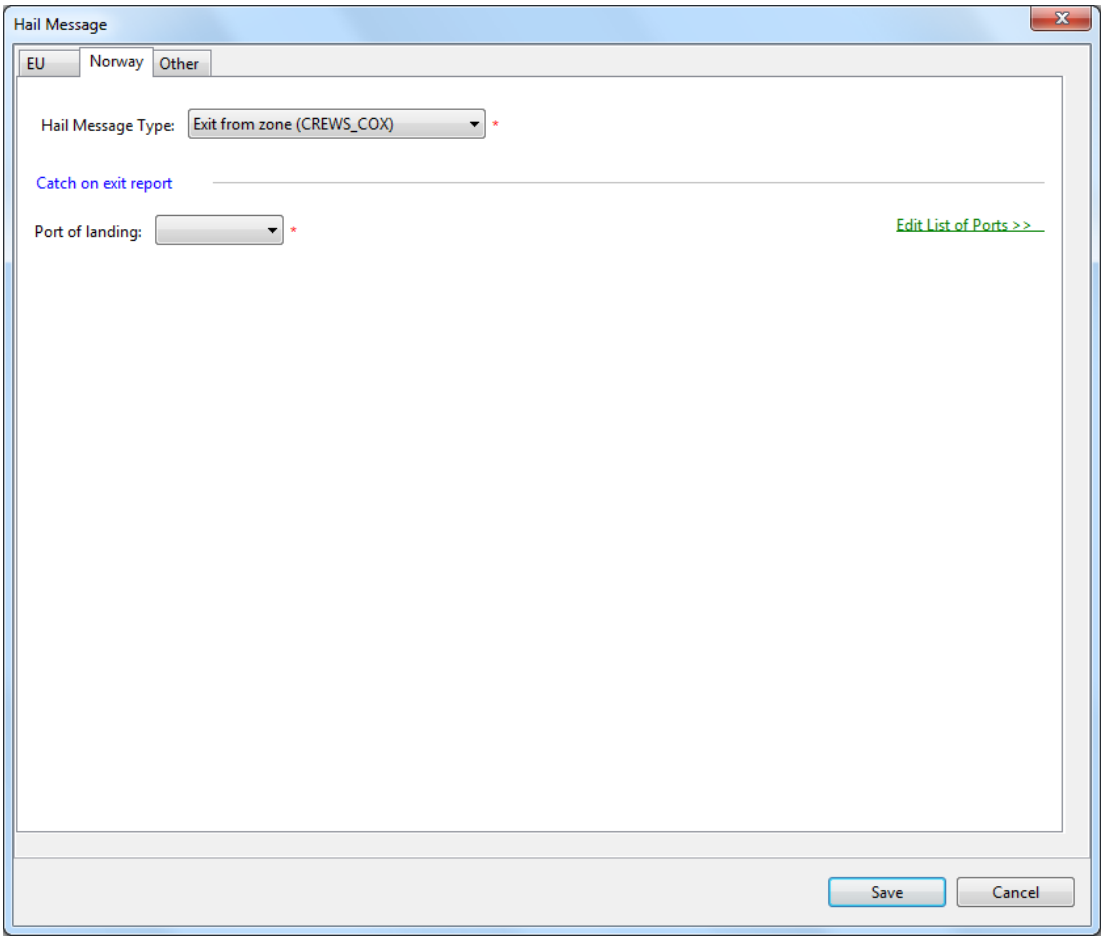


Figure 48, Exit from zone hail message - Norway

Exit from zone hail message details:

- Port of landing

3.10.2.7 Port report (CREWS POR)

This hail message is used when a vessel is entering a Norwegian port.

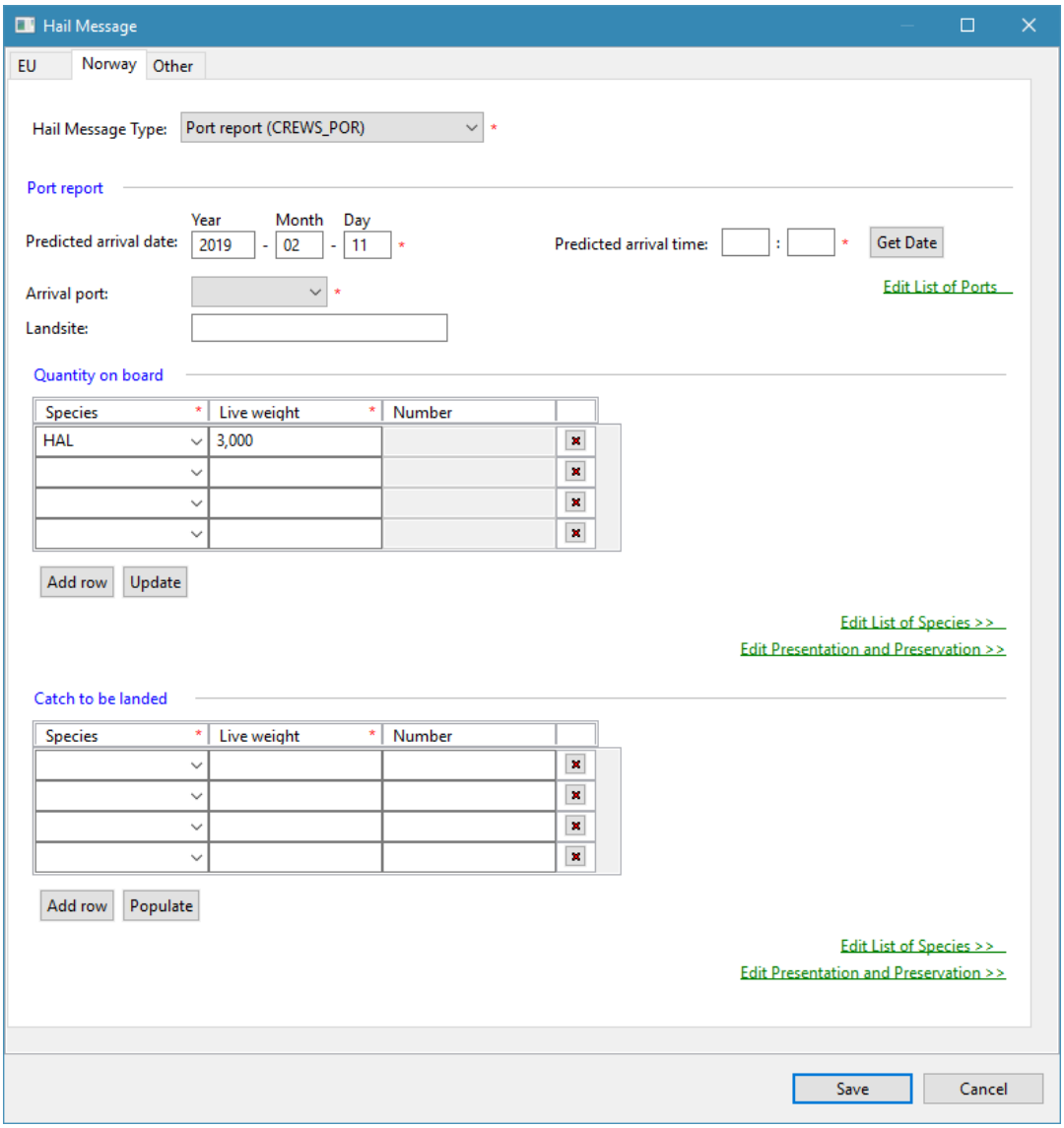


Figure 49, Port report hail message - Norway

Port report details:

- Predicted arrival date (when using the 'Get Date' function the associated position, if any, is automatically filled in as well)
- Predicted arrival time (press Ctrl + N to enter the current time)
- Arrival Port
- Landsite
- Quantity on board (Species, Live weight (kg), Number)
- Catch to be landed (Species, Live weight (kg), Number)

From vCatch 4.0.0 the function to populate catch was implemented in Hail Message CREWS POR dialog. Populated catch is calculated by adding all the catch that was entered in Departure, Catch and Transhipment→Recipient dialogs and then by subtracting catch that was entered in Transhipment→Donor dialogs.

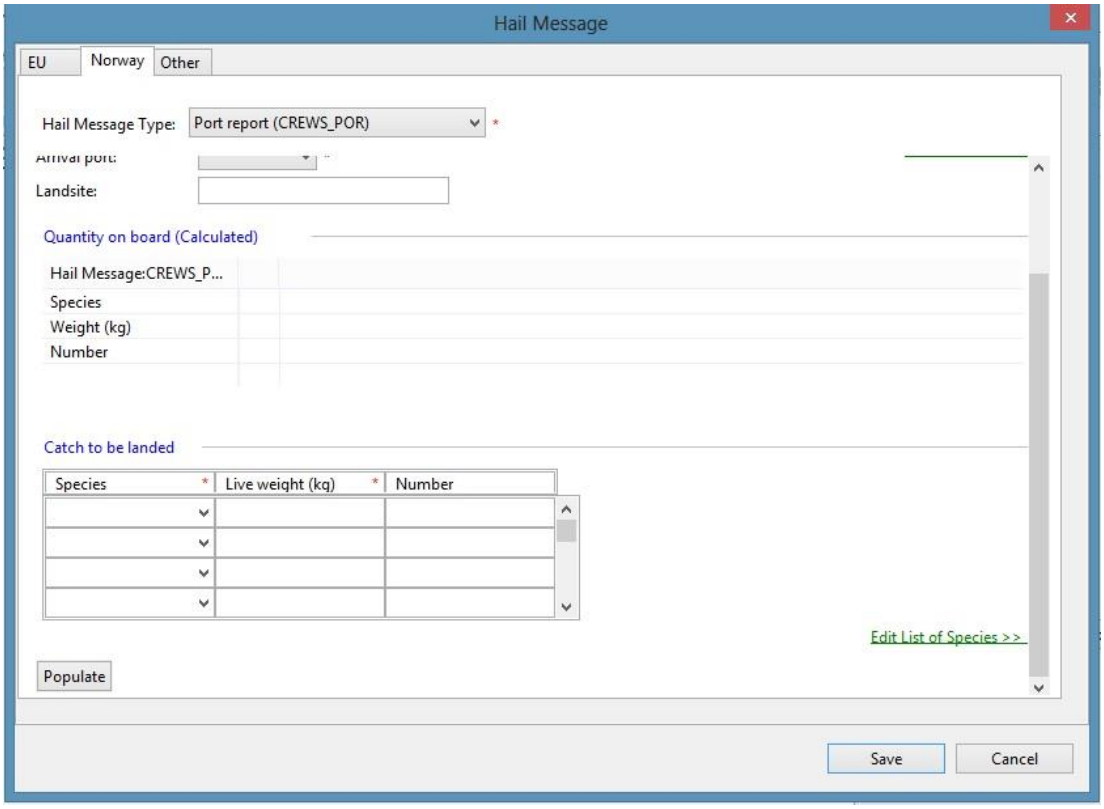


Figure 50, Populate button in Port report hail message - Norway

3.10.2.8 Transhipment report (CREWS TRA)

This hail message is used when a vessel is taking part in transhipment at sea in Norwegian waters.

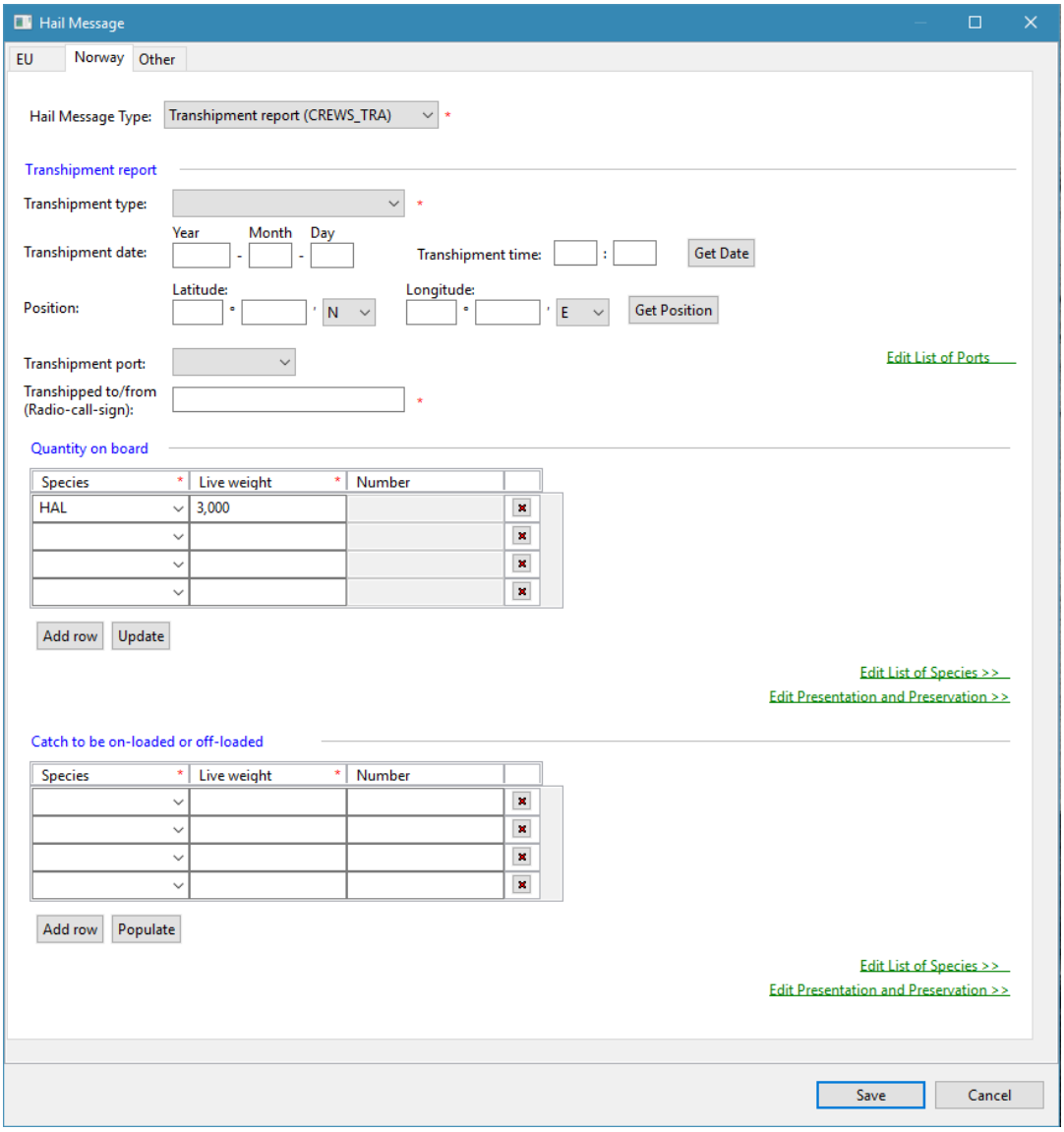


Figure 51, Transhipment report hail message - Norway

Transhipment report hail message details:

- Transhipment type
- Transhipment date (when using the 'Get Date' function the associated position, if any, is automatically filled in as well)
- Transhipment time (press Ctrl + N to enter the current time)
- Position as latitude and longitude (the associated date is automatically filled in as well if the 'Get Position' function is used)
- Transhipment port
- Transhipped to/from (Radio-call-sign)
- Quantity on board (Species, Live weight (kg), Number)
- Catch to be on-loaded or off-loaded (Species, Live weight (kg), Number)

From vCatch 4.0.0 the function to populate catch was implemented in Hail Message CREWS TRA dialog. Populated catch is calculated by adding all the catch that was entered in Departure, Catch and Transhipment→Recipient dialogs and then by subtracting catch that was entered in Transhipment→Donor dialogs.

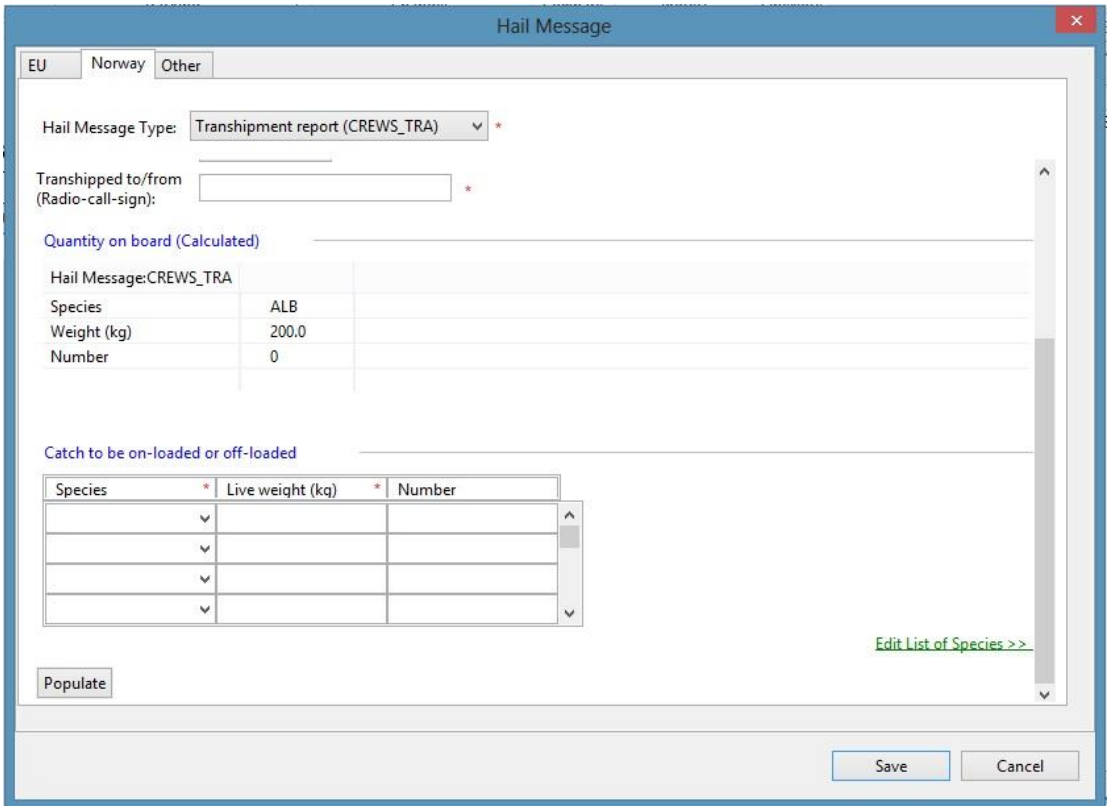


Figure 52, Populate button in Transhipment report hail message – Norway

3.10.2.9 Forwarding text message from MS field to Vessel client

Whenever CREWS message is rejected by Norway with an ACK, one or more error codes are contained in this message and vCatch server forwards those error codes to the Vessel client. In addition Norway gives more information (i.e. the name of the field containing the problem) in a text message field MS. From vCatch 4.0.0 this text message can be forwarded to the Vessel client in order for the Vessel client user to understand what needs to be corrected.

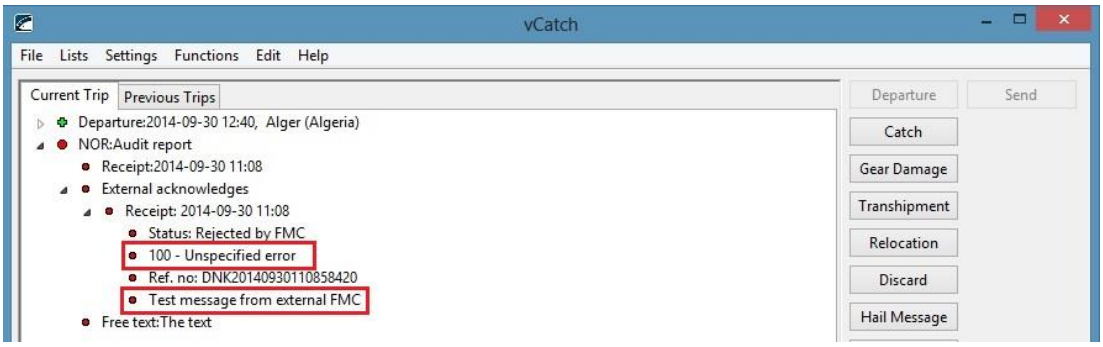


Figure 53, Rejected Hail message CREWS AUD with the error code and additional text message from Norway

3.10.2.10 Correction of CREWS messages

The vessel client allows for correction of relevant CREWS hail messages which includes DCA, POR and TRA. In the agreement between Norway and the EU commission this is described as:

- DCA: Must be sent every day before 23.59 UTC. May be corrected until 12.00 UTC the day after
- POR: Must be sent 2 hours before entering the port. May be corrected or cancelled.
- TRA: Donor vessel must send 24 hours before transhipment. Receiving vessel must send no later than 1 hour after transhipment. May be corrected or cancelled.

The vessel client does not prevent later correction of for instance a DCA and it is thus up to the logbook master to adhere to the relevant legislation.

Below an open logbook is shown, illustrating a Danish fishing vessel currently fishing in Norwegian waters. As can be seen, the logbook so far consists of a Departure, CREWS Entry in Zone (COE), one Catch and then a CREWS Detailed Catch Activity (DCA). All records have been sent to the vCatch server which has replied indicated by the 'green' status.

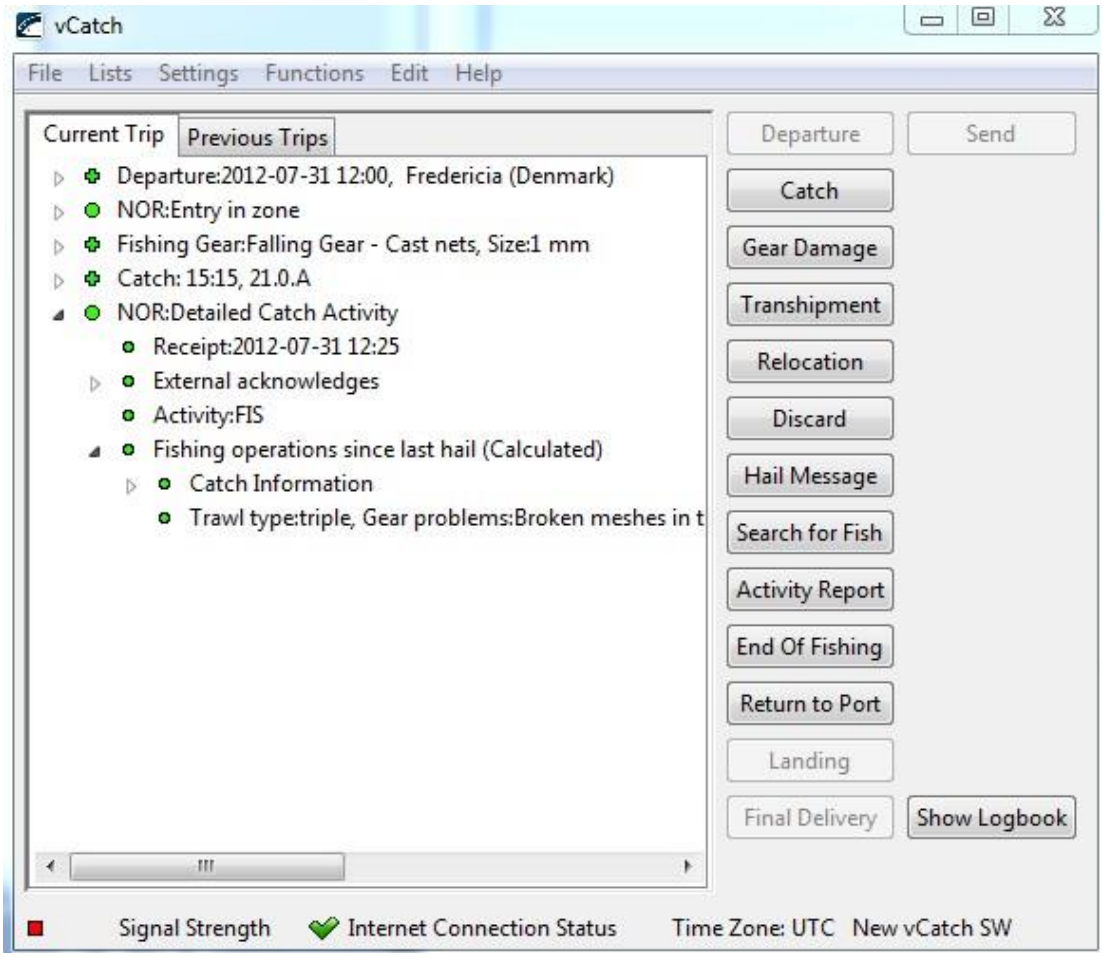


Figure 54, Correction of CREWS message, Illustration 1 – open logbook with e.g. catch and DCA

Now, the DCA record can be edited by right-clicking on the record and then selecting 'Edit'. Doing this results in the dialog shown below. As the catch activity partly is calculated by the vessel client it is not all information that can be edited directly from this client dialog. But it will be possible to for instance change the activity, add a partner vessel or add/change attributes like gear length/number of hooks, trawl type, gear problems and stock. To change one or more of these values enter the desired values and press the 'Save' button. Now, the DCA record will appear as unsent in the main window, i.e. status 'Red' and can thus be resent by pressing the 'Send' button.

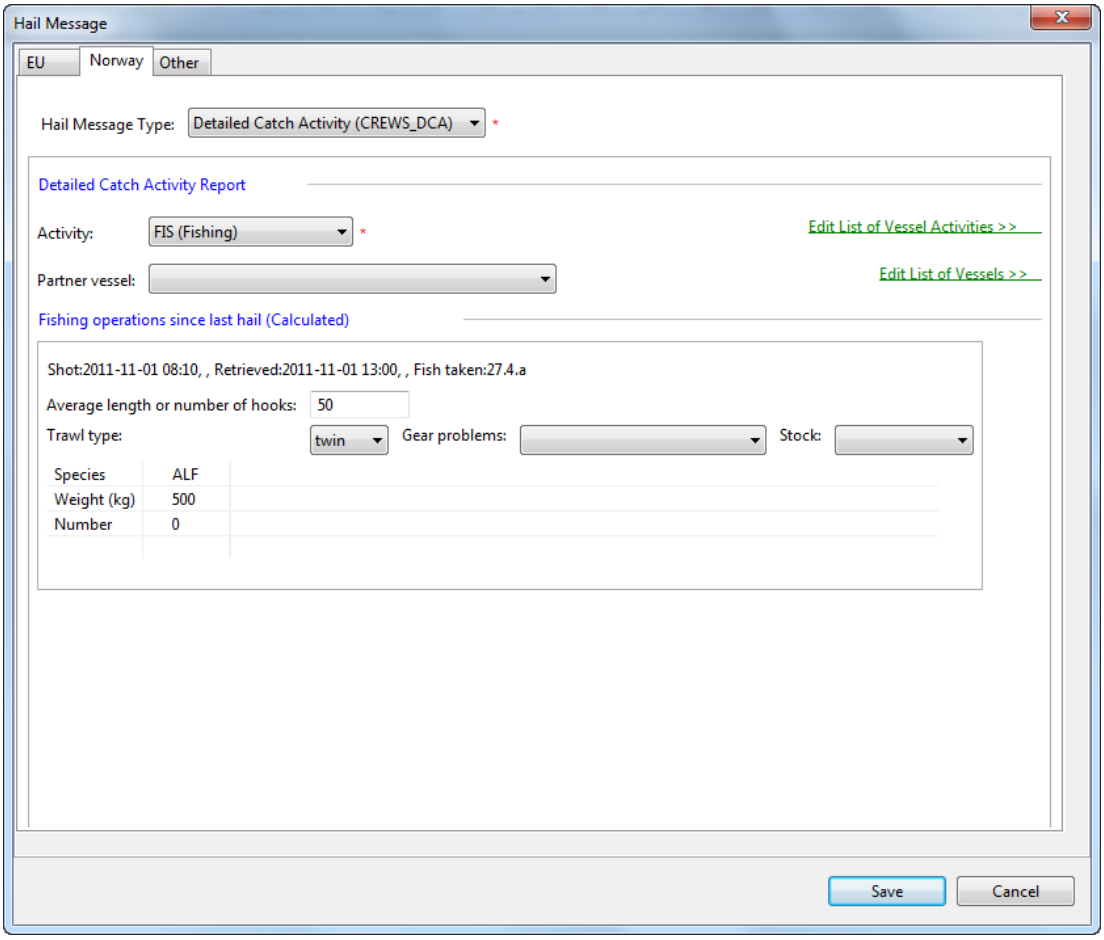


Figure 55, Correction of CREWS message, Illustration 2 – edition of DCA

If there are changes to the actual catch included in the DCA, the relevant catch record(s) must be corrected first. In the following figure an example is shown where a Catch previously included in the DCA has been corrected.

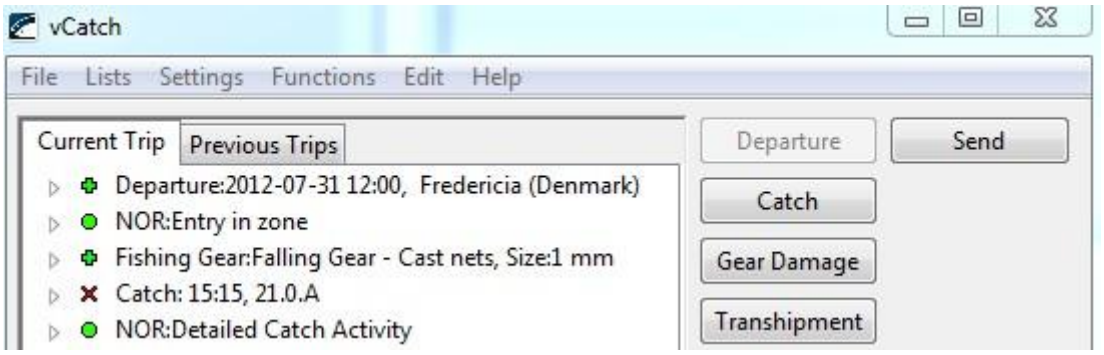


Figure 56, Correction of CREWS message, Illustration 3 – catch has been edited

The belonging DCA will not automatically reflect the changes introduced in the Catch. To do this the DCA must also be edited and if the calculated catch is correct the 'Save' button is pressed. This will result in the situation illustrated next.

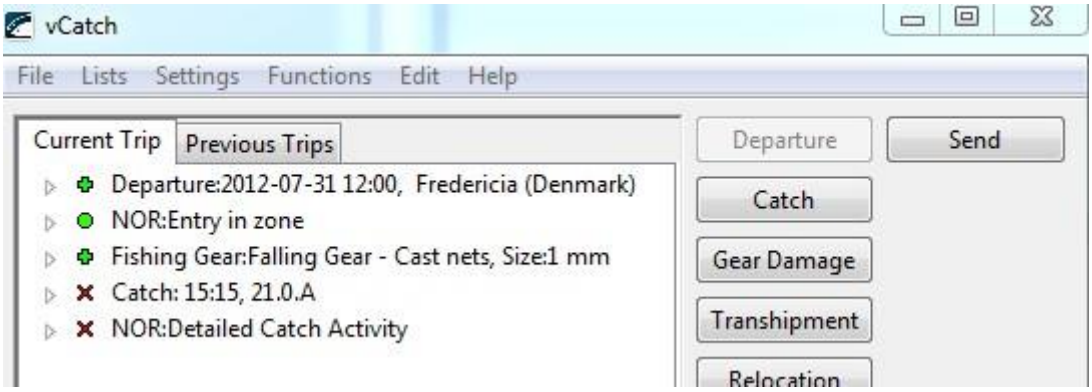


Figure 57, Correction of CREWS message, Illustration 4 – DCA has been edited

As it appears from the figure above both the Catch and DCA records are changed and pressing the 'Send' button will transmit the changed records to the FMC. It is important to note, that by just changing and sending one or more Catch records without also updating the DCA not will trigger any DCA changes at the local authority and for this reason no correction will be sent to Norway.

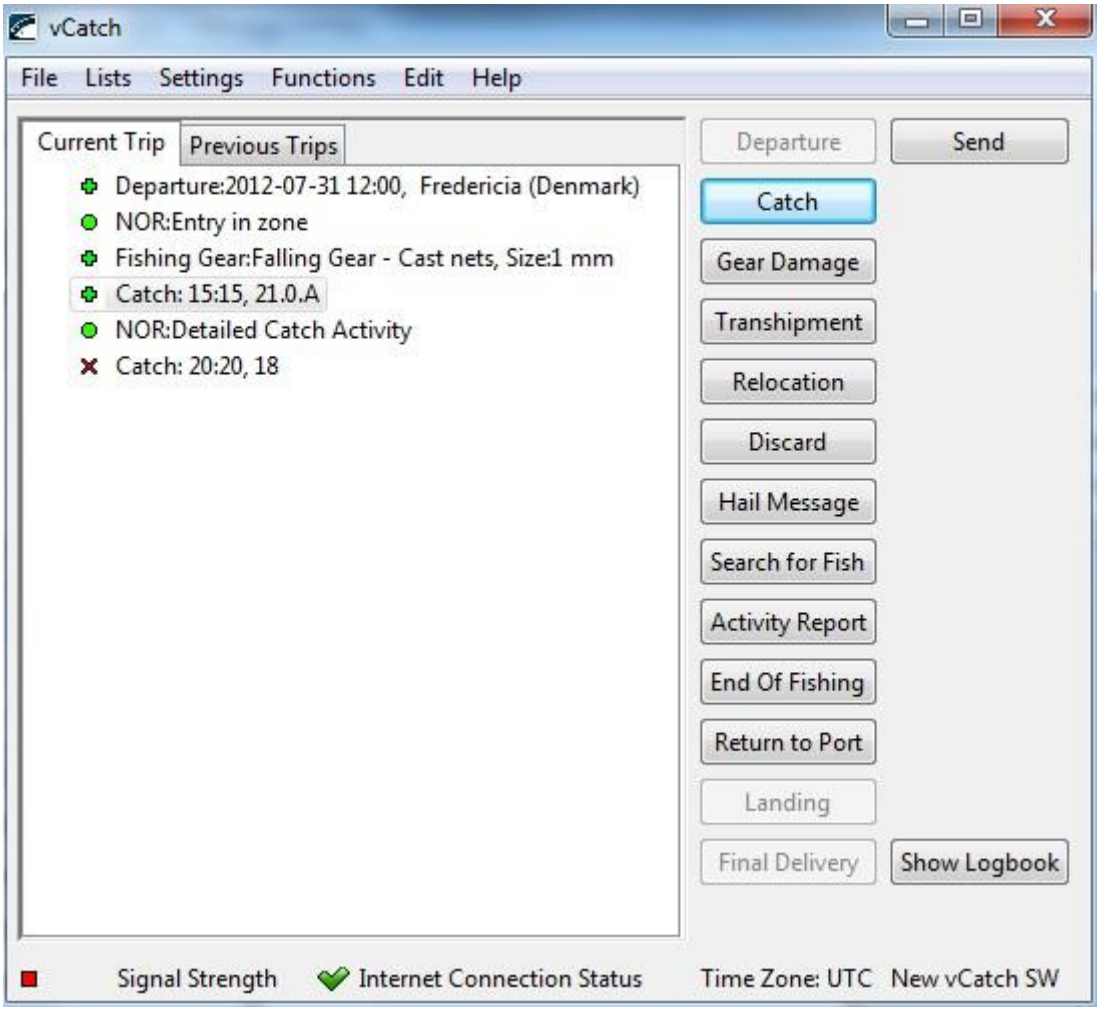


Figure 58, Correction of CREWS message, Illustration 5 – a new catch has been added

It is not possible to include a new Catch record to an already send DCA. So to add a new Catch a Catch record must be added followed by another DCA. In the figure above a Catch record is added as the next record after the previously sent Catch and DCA.
As stated previously it must also be possible to edit transhipment and port hail messages. As with DCA hail messages these hail messages can be edited by right-clicking the belonging records and then selecting the 'Edit' menu.

3.10.2.11 Cancelling of CREWS messages

From vCatch v4.0.0B there is possibility to cancel some of the CREWS messages. CREWS Entry in zone, Exit from zone and Control point/area messages can be cancelled. Cancel action only possible when CREWS message status is green circle.

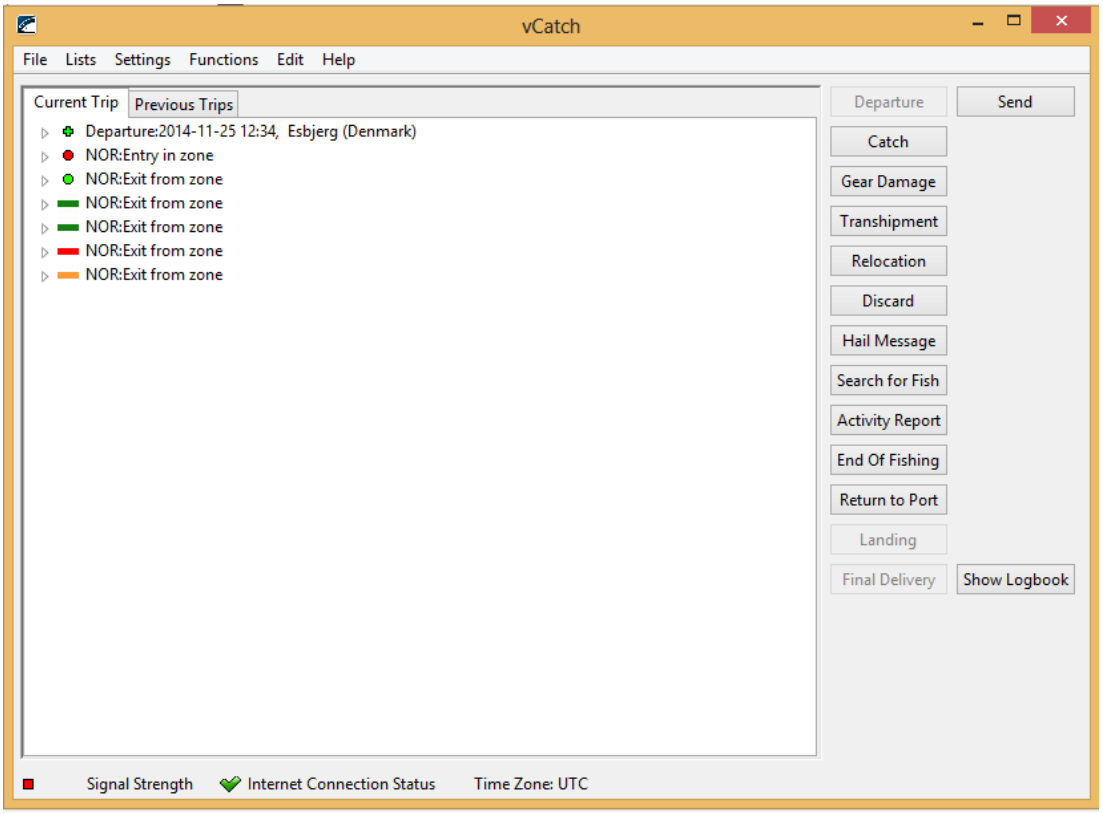


Figure 59, Cancelled crews messages

3.10.3 Other

Figure 60, Other tab

3.10.3.1 Crew Manifest

The crew manifest is used to report to the FMC who form the crew for the current sailing trip (this can be configured and your FMC might have chosen not to display this information).

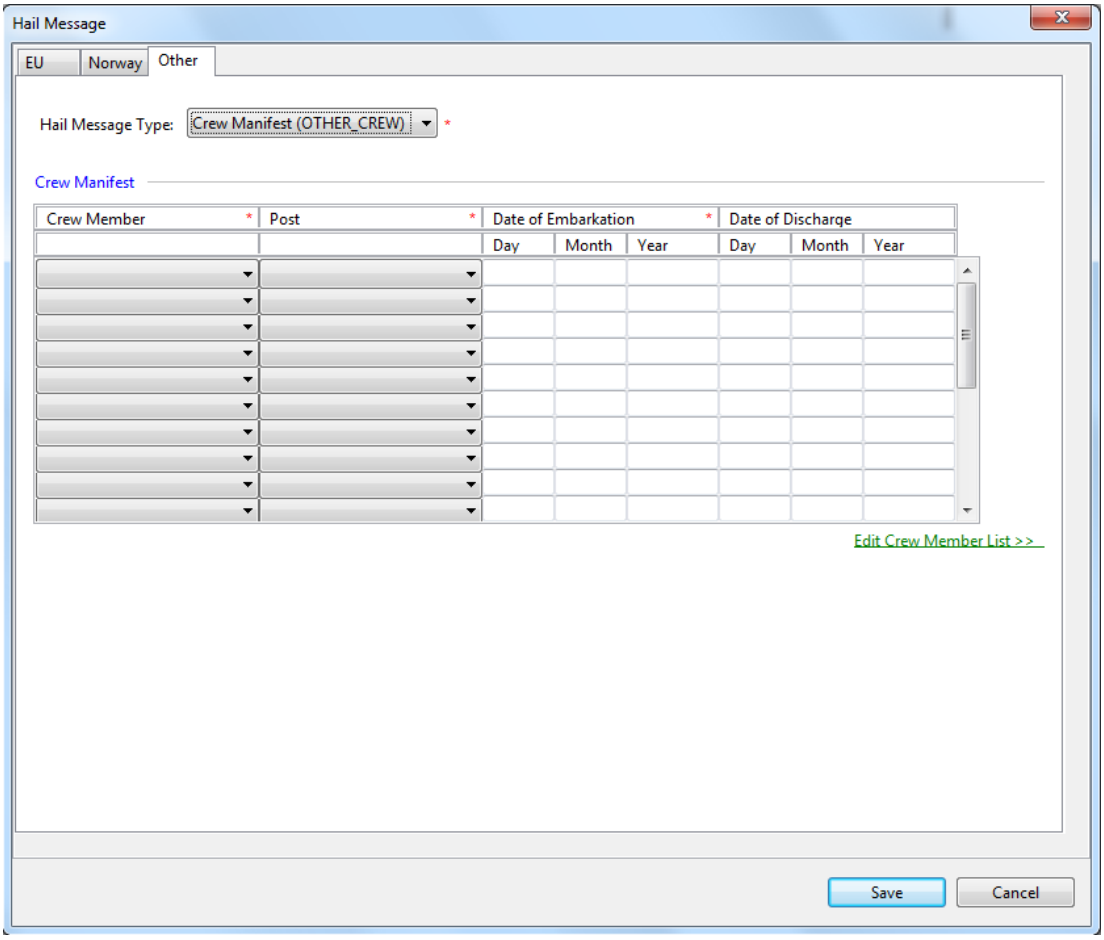


Figure 61, Crew Manifest

Crew Manifest details:

- Crew Member (created and maintained in the Crew Member List under the List menu – see section 2.3.5)
- Post
- Date of Embarkation (the start date for the crew member)
- Date of Discharge

3.11 Search for Fish

In this section it is possible to specify when the vessel starts to search for fish (this feature is configurable by the FMC and might not be shown). Select ‘Search for Fish’ in the overview window.

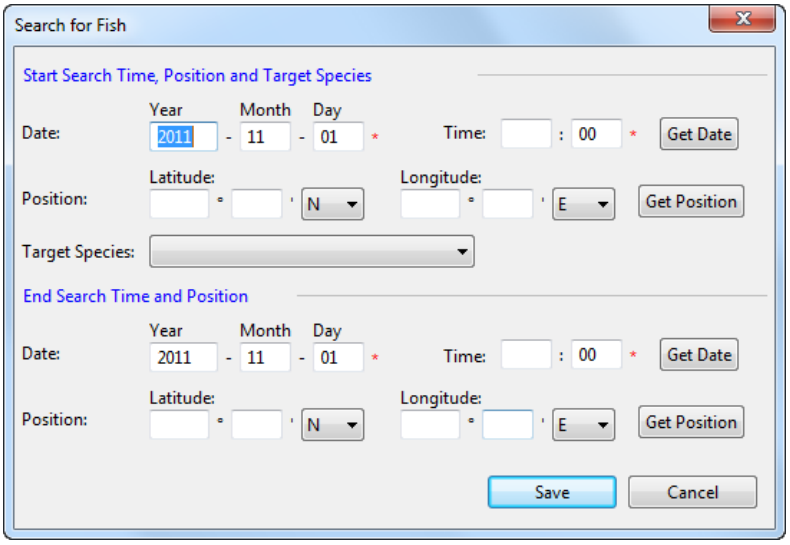


Figure 62, Search for Fish

Search for fish details:

3.11.1.1.1.1 Start Search Time, Position, and Target Species

- Date and time for the start of searching for fish
- Position for the start of searching for fish as Latitude and Longitude (configurable)
- Target Species (configurable)

3.11.1.1.1.2 End Search Time and Position

- Date and time for the end of searching for fish
- Position for the end of searching for fish as Latitude and Longitude (configurable).

When using the ‘Get Date’ function the associated position (if any) is automatically filled in as well. Similarly the associated date is automatically filled in if the ‘Get Position’ function is used.

3.12 Activity Report

This section details the sending of activity reports (this feature is configurable by the FMC and might not be shown). Select ‘Activity Report’ in the overview window.

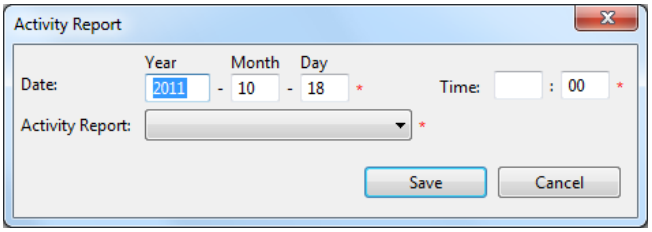


Figure 63, Activity report

Activity report details:

- Date and time for the message (press Ctrl + N to enter the current time)
- Activity Report. The message you wish to send

3.13 End of Fishing

This section details the sending of end of fishing declarations

After your final fishing operation and before returning to port you can transmit an ‘End of Fishing’-declaration.

Select ‘End of Fishing’ in the overview window.

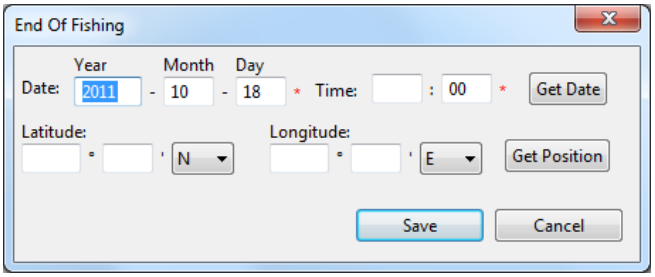


Figure 64, End of Fishing

End of Fishing details:

- Date and time when the final fishing operation finished (press Ctrl + N to enter the current time)
- Position as Latitude and Longitude (configurable)

When using the ‘Get Date’ function the associated position (if any) is automatically filled in as well. Similarly the associated date is automatically filled in if the ‘Get Position’ function is used.

It is configurable whether it is possible to enter new catch information once an End of Fishing has been entered or not.

Deletion of an End of Fishing declaration is not supported by vCatch.

3.14 Inspection Declarations

When an inspection is carried out on-board the vessel the inspector can add one or more inspection declarations to the logbook (can be configured and your FMC might have chosen not to display this information).

To enter inspection declarations, select “Register Inspection” in the “Function” menu (this feature is configurable by the FMC and might not be shown). Note that this function is only permitted for the authorities/inspectors and not the vessel master.

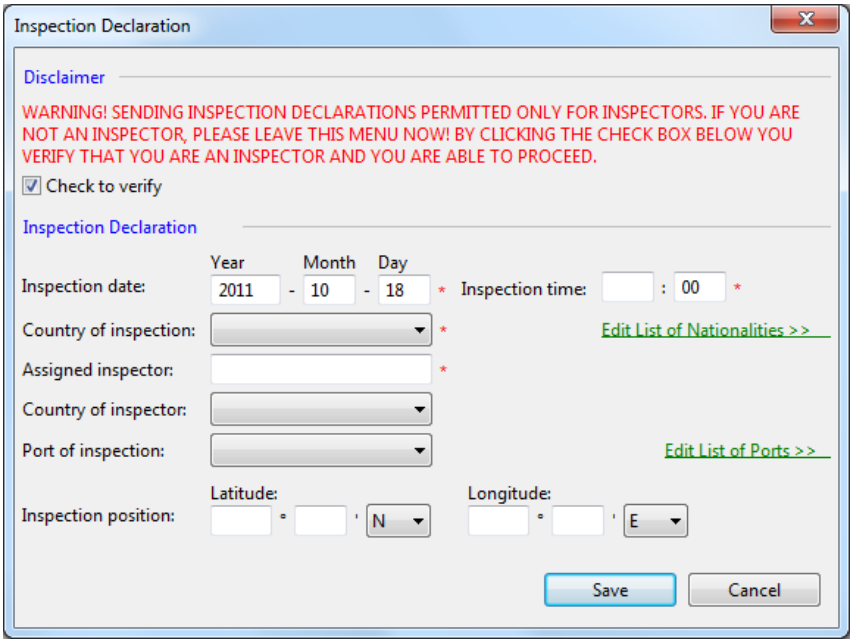


Figure 65, Inspection Declaration

Inspection declaration details:

- Check to verify. Until this checkbox is checked, the rest of the fields are disabled
- Inspection date
- Inspection time (press Ctrl + N to enter the current time)
- Country of inspection
- Assigned inspector (4 digit number identifying the inspector)
- Country of inspector
- Port of inspection
- Inspection position entered as a position in latitude and longitude

Once the inspection declaration is saved the window is closed and the overview window is updated with the new information.

As soon as an inspection declaration is sent it is not possible to edit it anymore.

3.15 Return to Port

On entry into port (and before any landing activity) the Fishery Authorities must be notified.

Select ‘Return to Port’ in the overview window.

Once selected the ‘Return to Port’ window will open.

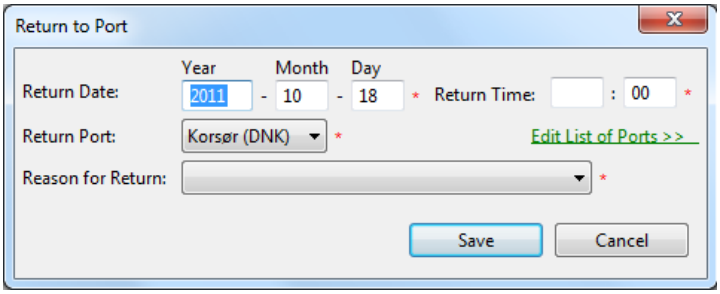


Figure 66, Return to port

Return to port information:

- Return Date and Time (press Ctrl + N to enter the current time)
- Return port
- Reason for Return

Once the information is saved the window is closed and the overview window is updated.

3.16 Landing and transport declaration

First you need to select the relevant logbook – either in the ‘Current Trip’ or ‘Previous Trips’ tab of the overview window.

- select relevant logbook
- select ‘Landing’ in the overview window

This will launch the ‘Landing’ window with details information about when and where the landing takes place and what is landed.

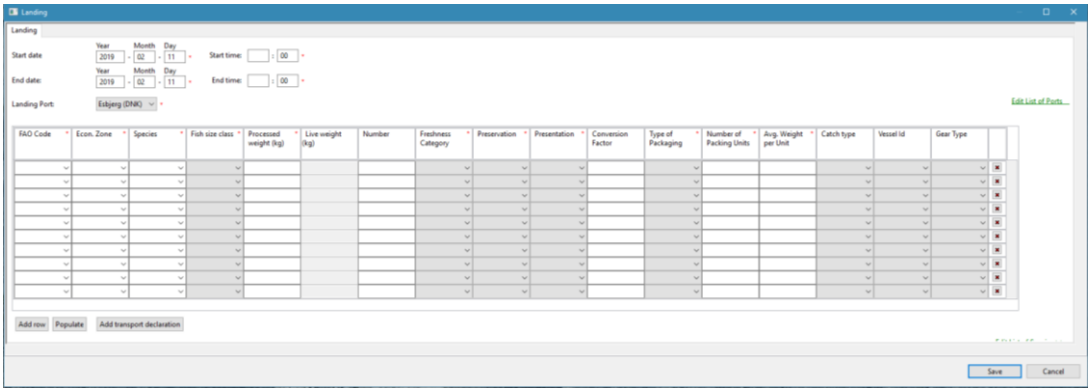


Figure 67, Landing

Landing declaration details:

- Landing Start date and Start time (press Ctrl + N to enter the current time)
- Landing End date and End time (press Ctrl + N to enter the current time)
- Landing port. If the port selected is not a port in the flag state this landing declaration will automatically be exchanged to the relevant FMC in the coast state (ERS format).
- Landed catch. For each catch: FAO Code, Economical Zone, Species, Fish size class, Processing, Processed weight (kg), Live weight (kg), Number, Freshness Category, Preservation, Presentation, Conversion Factor, Type of Packaging, Number of Packing Units, Average Weight per Unit, Catch type, Vessel Id and Gear Type (this information can be configured and your FMC might have chosen only some of them).

Live weight in Landing is calculated by multiplying Processed weight and Conversion factor values.

By activating the “Populate” button you will see your onboard catch. By selecting one or more of the catches and then selecting the “Populate” button the data will automatically be copied to the Landing table.

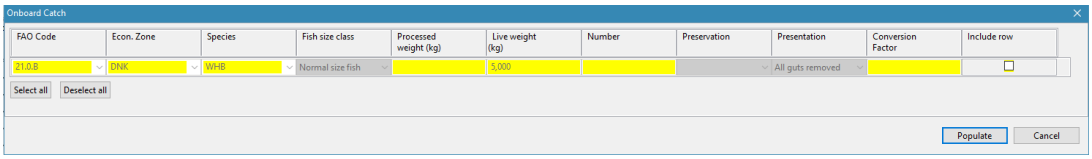


Figure 68, Onboard Catch

To add one or more transport declarations to a landing declaration select the “Add transport declaration” button (can be configured and your FMC might have chosen not to display this information). A transport declaration is used to declare fish that is not landed and sold directly to a buyer but instead loaded onto a vehicle, e.g. a truck, and then transported to a buyer in another country.

The transport declaration opens in a new tab and each new tab contains a transport document.

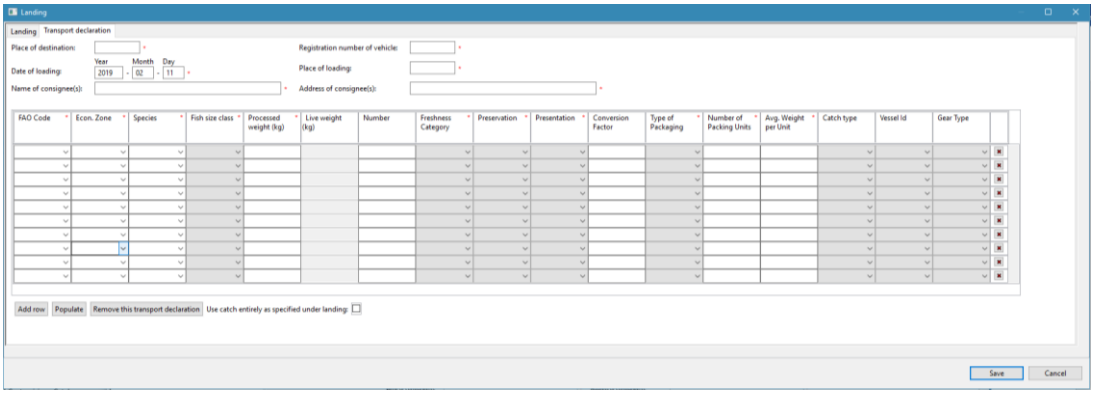


Figure 69, Transport declaration

Transport declaration information:

- Place of destination. Either a standard vCatch port code or a UN LOCODE in the format CC PPP, e.g. ‘DE BER’.
- Registration number vehicle
- Date of loading
- Place of loading. Either a standard vCatch port code or a UN LOCODE (format CC PPP, e.g. ‘DE BER’).
- Name of consignee(s). One or more names of the consignee(s) of the load.
- Address of consignee(s)
- Catch to be transported. If the catch to be transported is already specified in the landing declaration just select the checkbox “Use catch entirely as specified under landing.

If it is not already specified in the landing declaration fill in the details: FAO code, Economical zone, Species, Fish size class, Processing, Processed weight (kg), Live weight (kg), Number, Freshness category, Preservation, Presentation, Conversion Factor, Type of packaging, Number of packing units, Average weight per unit, Catch type, Vessel ID and Gear type (this information can be configured and your FMC might have chosen only some of them). Live weight in Transport Declaration is calculated by multiplying Processed weight and Conversion factor values.

By activating the “Populate” button you will see your onboard catch. By selecting one or more of the catches and then selecting the “Populate” button the data will automatically be copied to the Catch table.

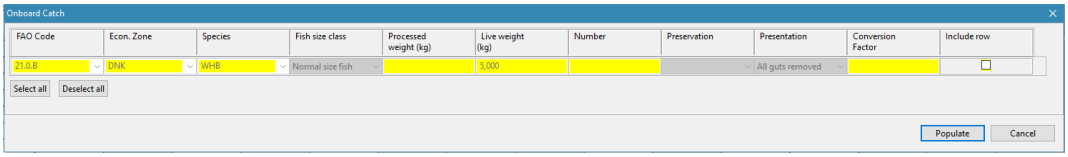


Figure 70, Onboard Catch

To delete a transport document tab again select “Remove this transport declaration” button.

3.17 Final Delivery

This section details information about the final delivery. Select ‘Final Delivery’ in the overview window.

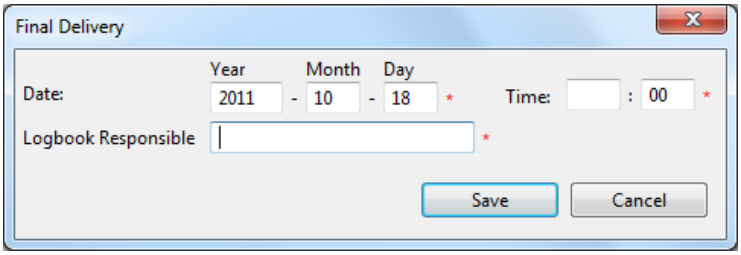


Figure 71, Final delivery

Clicking the “Send” button (in the overview window) sends the logbook to the Fishery authorities but until a final delivery has been entered; the logbook remains open for further editing.

In order to create a new logbook for the next journey the current one must be closed by entering a final delivery. It is possible to create and transmit landing declarations for closed logbooks – see section 3.21.

Final delivery details:

- Date and time of final delivery (press Ctrl + N to enter the current time)
- Logbook Responsible. The name of the person entering the logbook

3.18 Logbook Comments

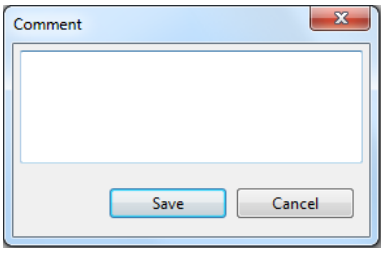
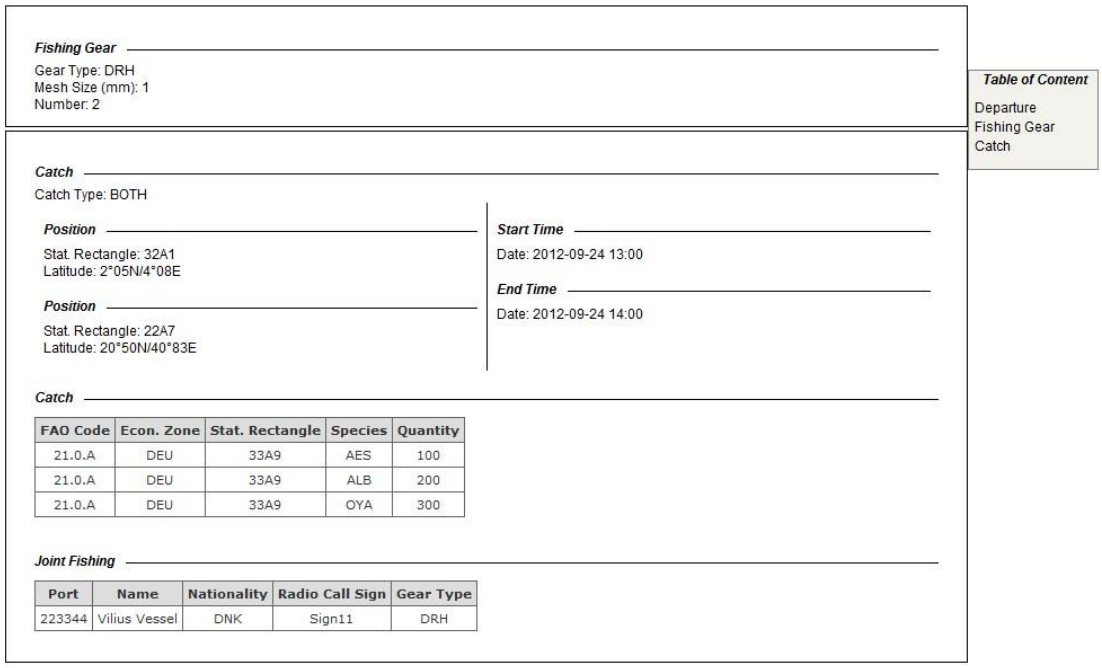


Figure 72, Logbook comments window

You can add a textual comment to every main logbook entry you create: to do so, highlight the entry or any of its “children” in the overview window and select the “Add comment” item on the “Edit” menu (alternatively, right-click the item in the overview window). Select the “Remove comment” menu item to delete the comment.

3.19 Show logbook

The ‘Show logbook’ button (in the overview window) displays the logbook in Web browser (in HTML format) in a design emulating traditional paper logbooks.



Fishing Gear

Gear Type: DRH
Mesh Size (mm): 1
Number: 2

Table of Content

Departure
Fishing Gear
Catch

Catch

Catch Type: BOTH

Position

Stat. Rectangle: 32A1
Latitude: 2°05N/4°08E

Position

Stat. Rectangle: 22A7
Latitude: 20°50N/40°83E

Start Time

Date: 2012-09-24 13:00

End Time

Date: 2012-09-24 14:00

Catch

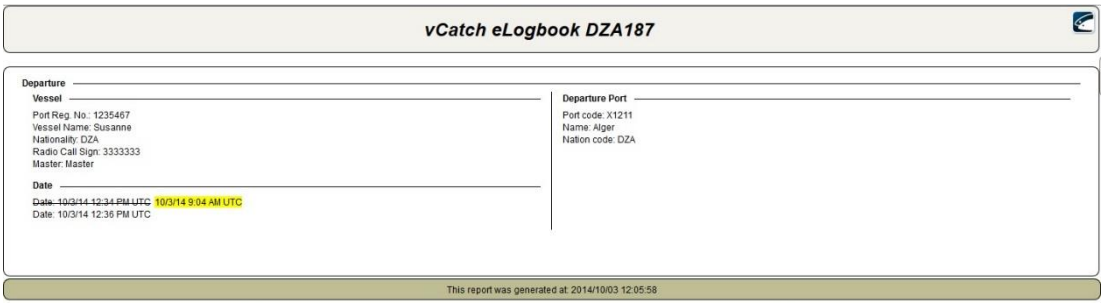
FAO Code	Econ. Zone	Stat. Rectangle	Species	Quantity
21.0.A	DEU	33A9	AES	100
21.0.A	DEU	33A9	ALB	200
21.0.A	DEU	33A9	OYA	300

Joint Fishing

Port	Name	Nationality	Radio Call Sign	Gear Type
223344	Vilius Vessel	DNK	Sign11	DRH

Figure 73, Show Logbook

From vCatch 4.0.0 version change log in vCatch eLogbook was implemented in order for Vessel client user and Fishery Authorities to see every change that was made by the user. Change log shows if something was edited in logbook, i.e. old data is crossed out and new data is displayed in a new line. Next to the old data the date when the data was edited is displayed.



vCatch eLogbook DZA187

Departure

Vessel

Port Reg. No.: 1235467
Vessel Name: Susanne
Nationality: DZA
Radio Call Sign: 3333333
Master: Master

Date

~~Date: 10/3/14 12:34 PM UTC~~ 10/3/14 9:04 AM UTC
Date: 10/3/14 12:36 PM UTC

Departure Port

Port code: X1211
Name: Alger
Nation code: DZA

This report was generated at: 2014/10/03 12:05:58

Figure 74, Change log in vCatch eLogbook

3.20 Sending Information to the Fishery Authorities

When you are saving information in vCatch everything is stored locally only. At any time during the journey, the detail lines in the ‘Current Trip’ tab of the overview window may be transmitted to the Fishery Authorities to ensure timely reports.

The transmission status of the saved information is reflected in the marking to the left of each line in the overview window (see section 2.2.2)

In order to send information select ‘Send’ in the overview window. Before the data is sent you may be notified about the size of the file you are about to transmit and you may be asked to confirm the transmission.

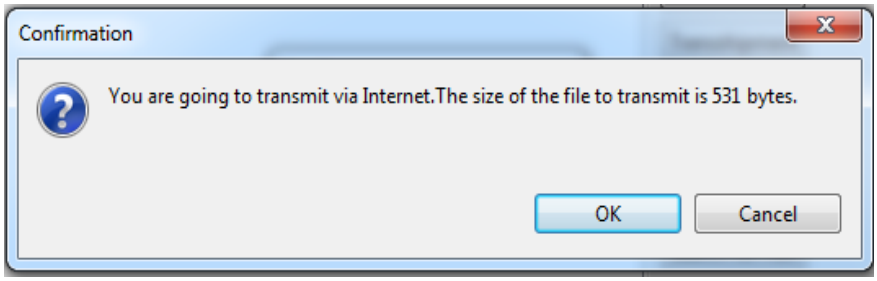


Figure 75, Confirmation window

After your confirmation the data will be sent. The logbook will remain open for further editing.

To close the logbook a final delivery has to be entered before sending the logbook (select 'Final Delivery' in the overview window).

3.21 Previous Logbooks ("Previous Trips" Tab)

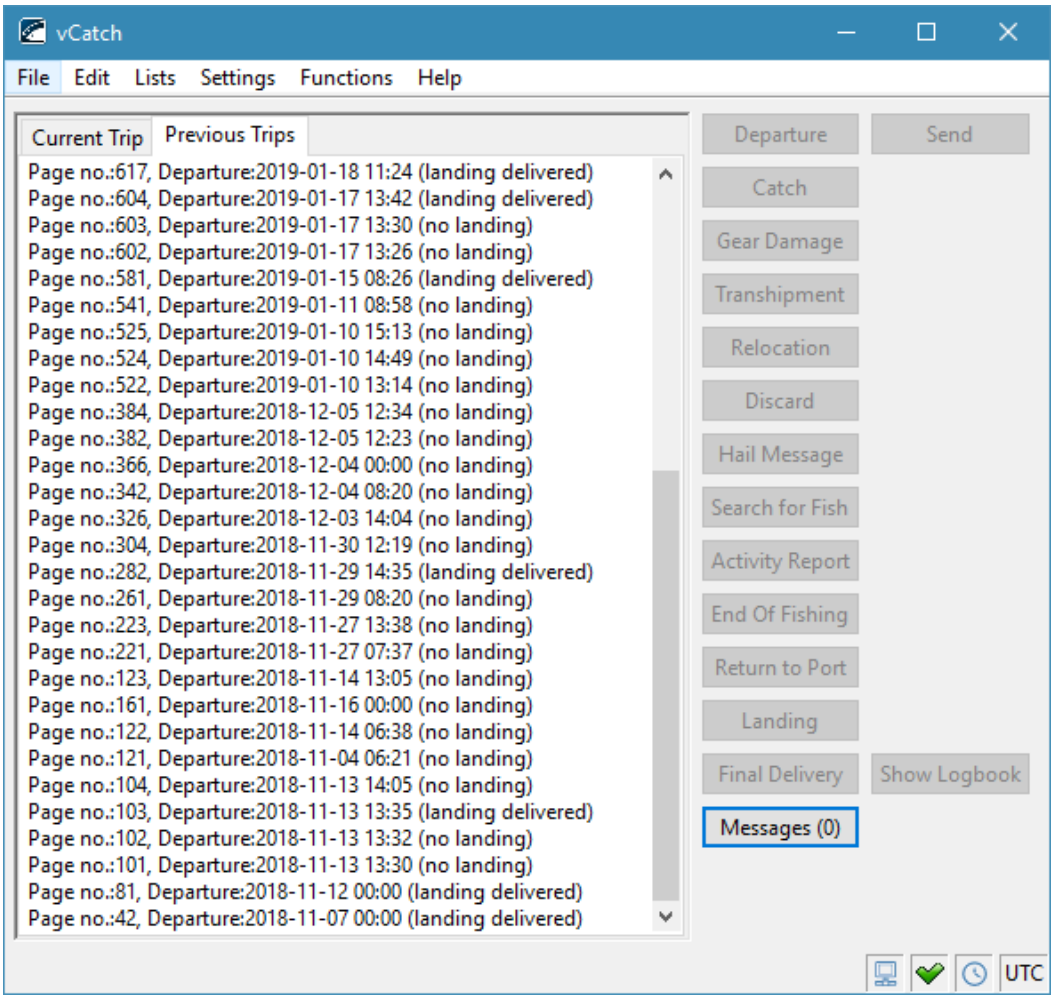


Figure 76 , Overview window with previous, incomplete logbooks

On the "Previous Trips" tab, a list of closed logbooks is shown. By a closed logbook is understood a logbook with a sent final delivery. By default closed logbooks from the last 48 hours are shown. This can be configured and your FMC might have chosen a different value.

Select a logbook by clicking on it in the list (or by navigating to it with the TAB and/or arrow keys). Click the "Landing" button to edit or add a landing declaration to the logbook; click the "Send" button to send the logbook to the FMC.

The closed logbooks can have different states which are indicated by their name. The states are; ‘no landing’, ‘unsent landing’, ‘landing sent’ and ‘landing delivered’. These states are explained in detail in the following.

- **No landing:** If landing information was not added to the logbook before the final delivery was sent, the logbook is initially in state ‘no landing’ in the list of closed logbooks.

  For these logbooks with no landing it is possible to add a landing by selecting the logbook and click ‘Landing’ and then enter the landing information in the appearing landing dialog as specified in Previous Logbooks (“Previous Trips” Tab). When the landing information has been entered, the logbook changes state to ‘unsent landing’.

- **Unsent landing:** For logbooks with an unsent landing it is possible to edit the landing or send the landing by selecting the logbook and clicking either ‘Landing’ or ‘Send’. When ‘Send’ has been clicked the logbook changes state to ‘landing sent’.

- **Landing sent:** Logbooks in state Landing sent are waiting for a receipt from the fishing authority. When the receipt is received, the logbook will change state to ‘landing delivered’. It is possible to retry sending until the receipt has been received.

- **Landing delivered:** Logbooks in state ‘landing delivered’ are logbooks that either had landing information added before the final delivery was sent or logbooks that have had landing information added later and have received a receipt for this from the fishing authority. Logbooks in state ‘landing delivered’ cannot be sent or edited.

Logbooks in all states can be viewed by clicking ‘Show logbook’.

3.22 Text messages

In vCatch it is possible to send and receive text messages between server and client.

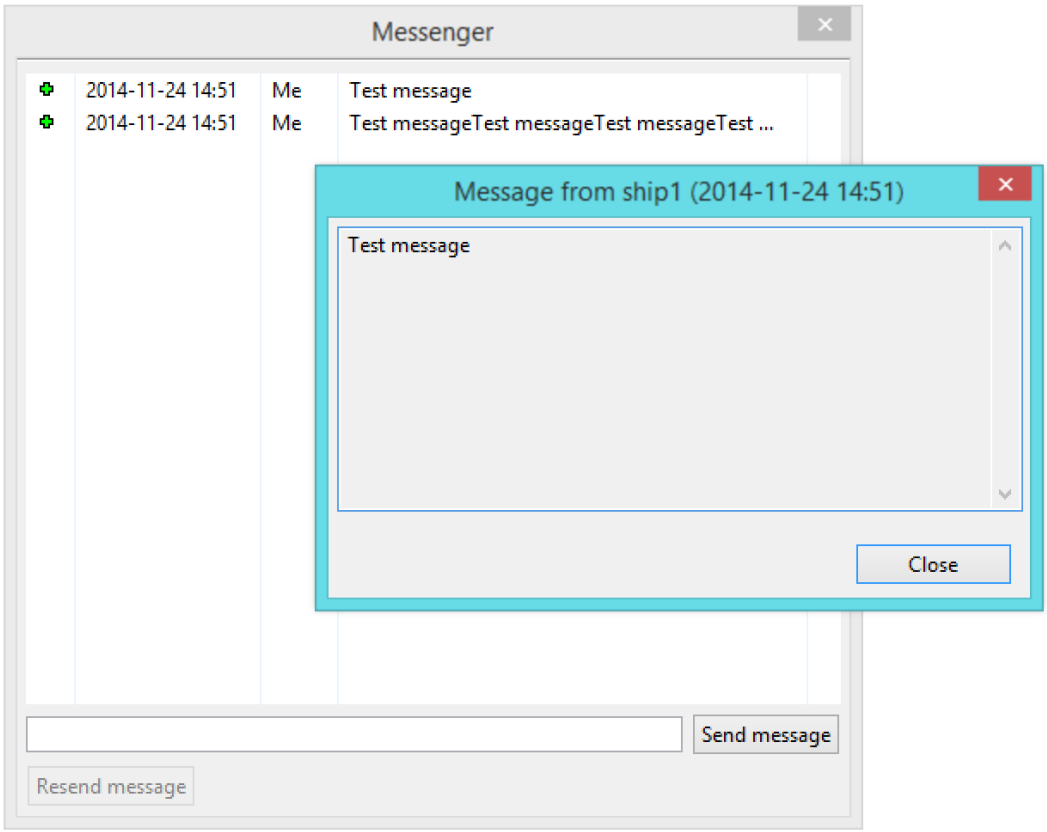


Figure 77, Text messages window

There is a button in actions list to open messages window. If there are new messages, the number of new messages will be displayed on the button. If there was timeout or some other problems during communication, it is possible to resend the message.

Figure 78, Digit in brackets indicates how many new messages are received from server

In client settings it is possible to set maximum amount of text messages are saved in history.

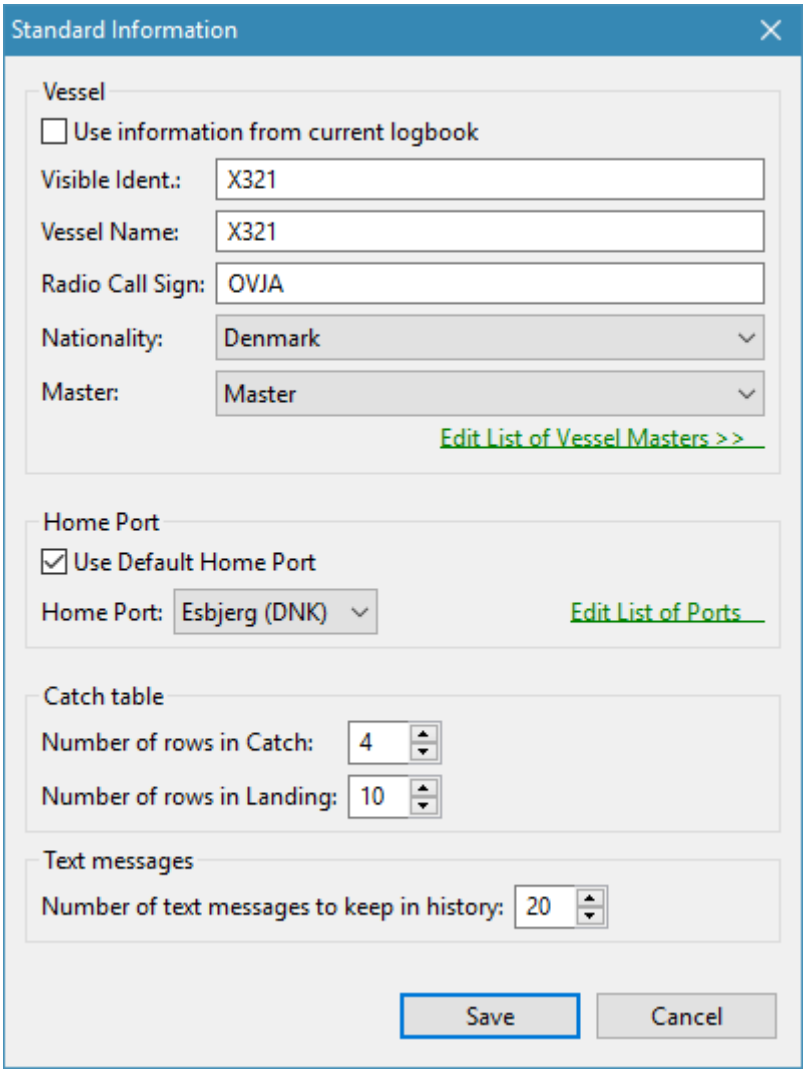


Figure 79, Maximum number of messages in history

4 Customizing vCatch

In addition to the lists of vessels, buyers, fishing gear etc. mentioned in section 2.3 Defining Initial Value Lists, vCatch provides options for you to customize the following lists:

- Species
- Nations
- FAO Codes (waters)
- Economical zones
- Condition (of catch)
- Hail messages

These customizations are optional but may be desirable - to e.g. reduce the number of species you have to choose from when logging a catch – as vCatch by default presents every item the system supports in these lists. By customizing the lists you can limit the selection to those items you expect to actually use and hide those you never expect to be relevant to you.

The species list opens in its own window; the nations, FAO Codes, economical zones, condition, and hail messages list are edited in the Standard Lists window, as indicated below.

4.1 Species

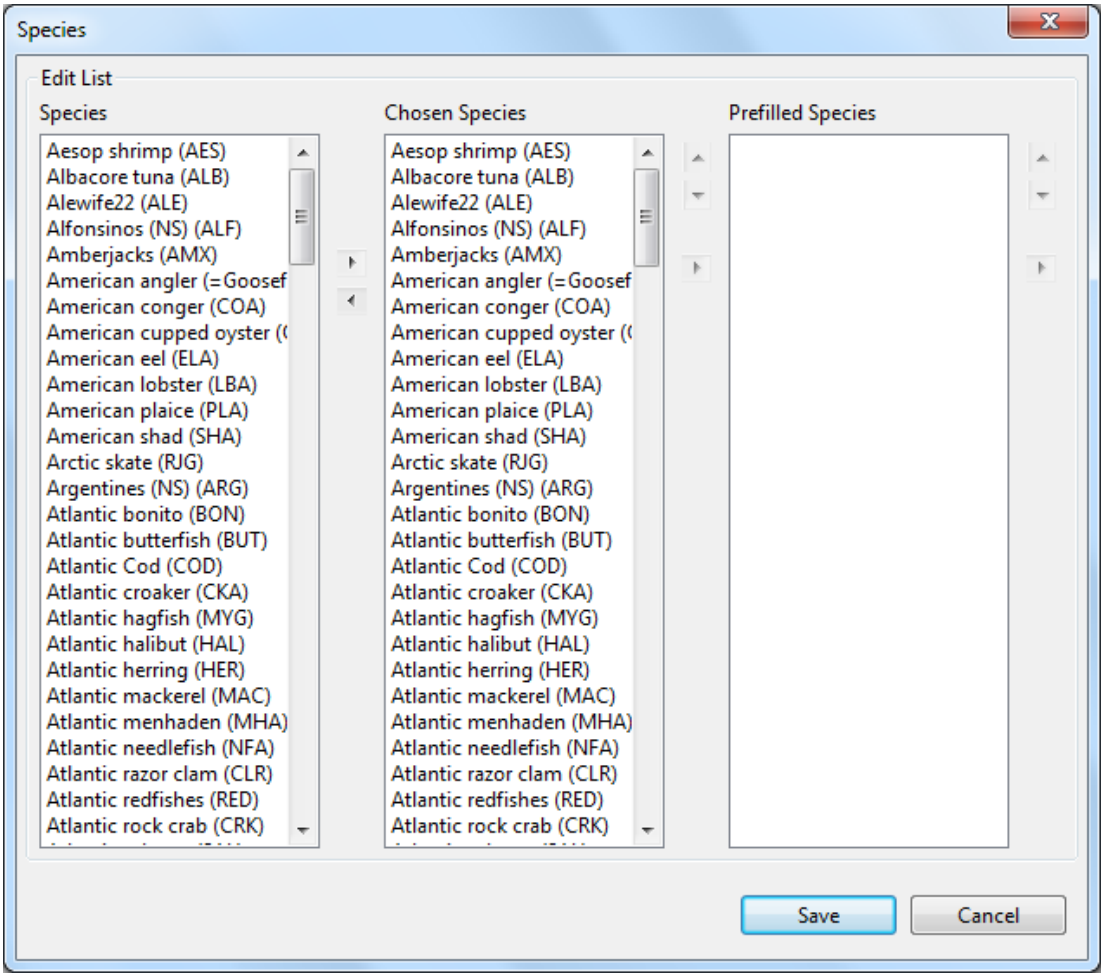


Figure 80, Species window

Selection of species is required for every logbook entry type that includes registration of catch details. To open the species window, select the “Species List” item in the “Lists” menu.

The window contains three lists that you may move items into or out of, and/or reorder, using the arrow buttons. The “Species” list contains every species the system knows of; the “Chosen species” list contains the subset of species that are made available for selection when

registering a catch (this by default contains exactly same items as the “Species” list, but can be reduced using the arrow keys); the “Prefilled species” list contains a set of default species that are pre-filled by default when you create a new catch.

4.2 Standard Lists

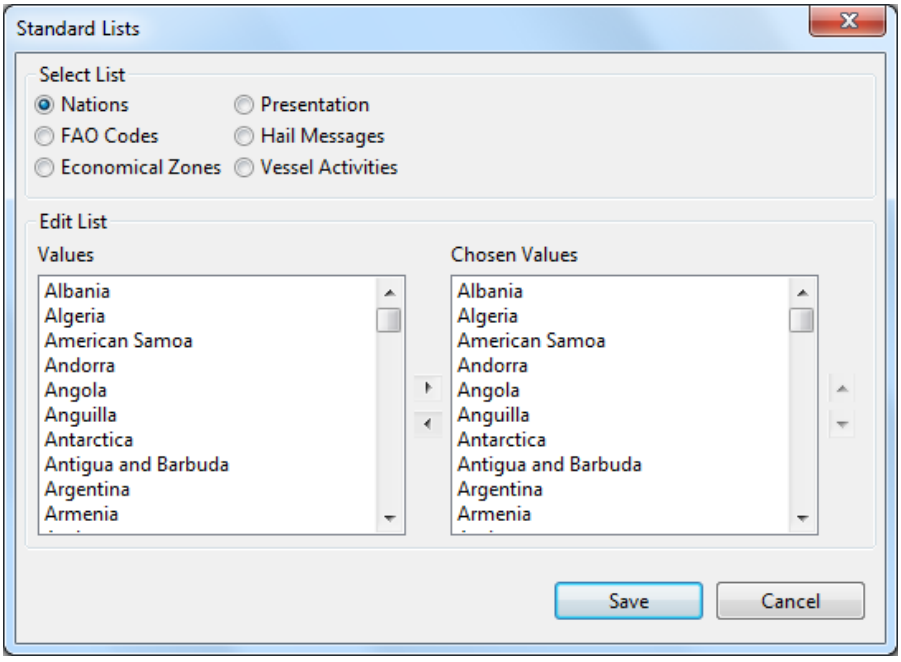


Figure 81, Standard lists window

To edit standard lists, open the “Standard Lists” item on the “Lists” menu then tick the type of list you wish to customize (the “Nations” list is selected by default). The “Edit list” pane presents two lists: to the left (“Values”) the total list of all items known by the system (e.g. every fishing nation on Earth); to the right (“Chosen values”) the selection from the total list that is currently displayed elsewhere in the system when you need to enter e.g. the condition of a catch.

To shorten the list of “Chosen values”, select one or more items in the list to the right (hold down the CTRL or SHIFT key while clicking to select multiple items), then click the left arrow. To add one or more items to “Chosen values” select the item(s) in the list to the right then click the right arrow. To reorder “Chosen values”, select an item in the list to the right, then click either the up or down arrow.

5 Setting System Preferences

5.1 Position Format

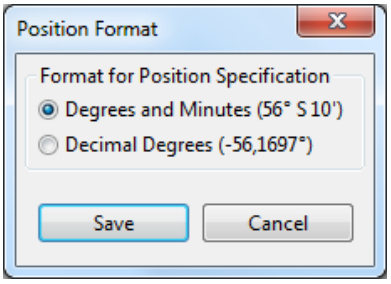


Figure 82, Position format window

In vCatch it is possible to enter positions either by entering degrees and minutes, or degrees and decimal minutes. Select your preferred format to have vCatch use that format.

5.2 Communication

5.2.1 Communication channel

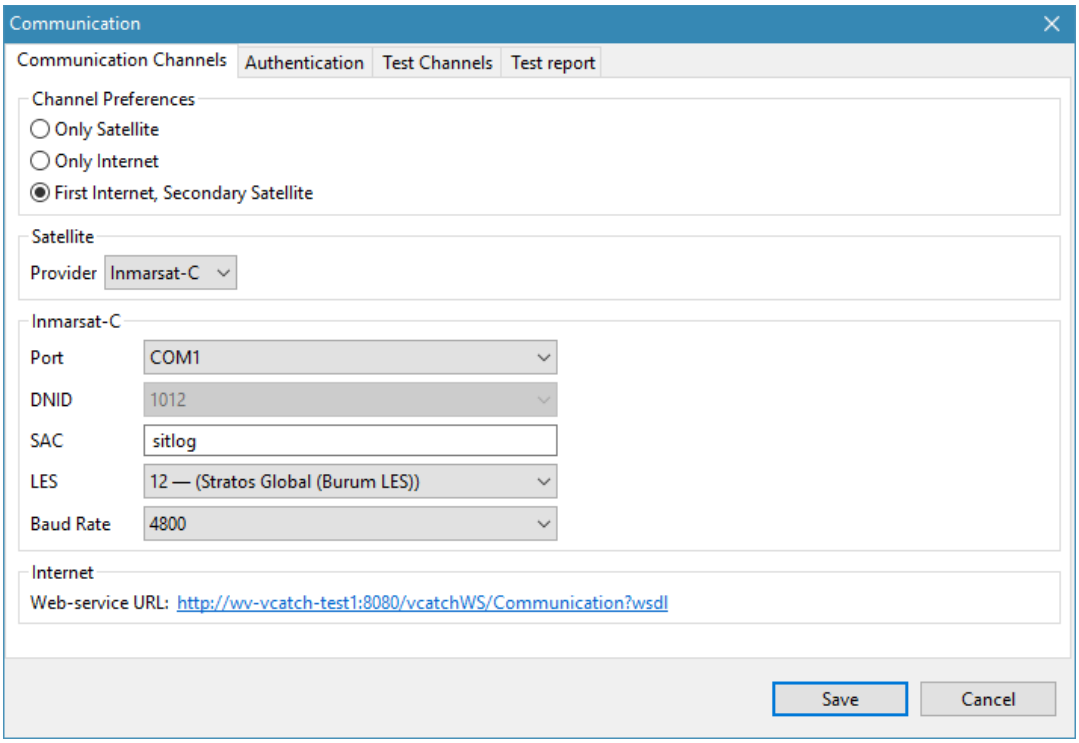


Figure 83, Communication Channels tab

Set the channel preferences by ticking the preferred choice. vCatch offers different options for communicating with the Fishery authorities:

- Only Satellite: vCatch only communicates via the transceiver.
- Only Internet: vCatch only communicates via internet
- First Internet, Secondary Satellite: vCatch priorities internet communication over satellite. As long as internet communication is possible, vCatch will use internet. If

internet communication is not accessible, vCatch will use satellite communication. If neither internet nor satellite communication is accessible, transmitting will stop and can be resumed later.

Furthermore you can inspect and change the Inmarsat-C settings, e.g. communication port, DNID, SAC, LES identification, and baud rate.

The baud rate used in the communication between the vessel client and the transceiver is default set to 4800 which can be changed in the transceiver. However as the client and transceiver must agree on this, it is possible to select the baud rate in the client.

If communication with the Fishery authorities is done via internet, you must specify a user login and a password on the Authentication tab (Figure 853.1). Contact your Fishery authorities to get a login and password, if you want to use internet.

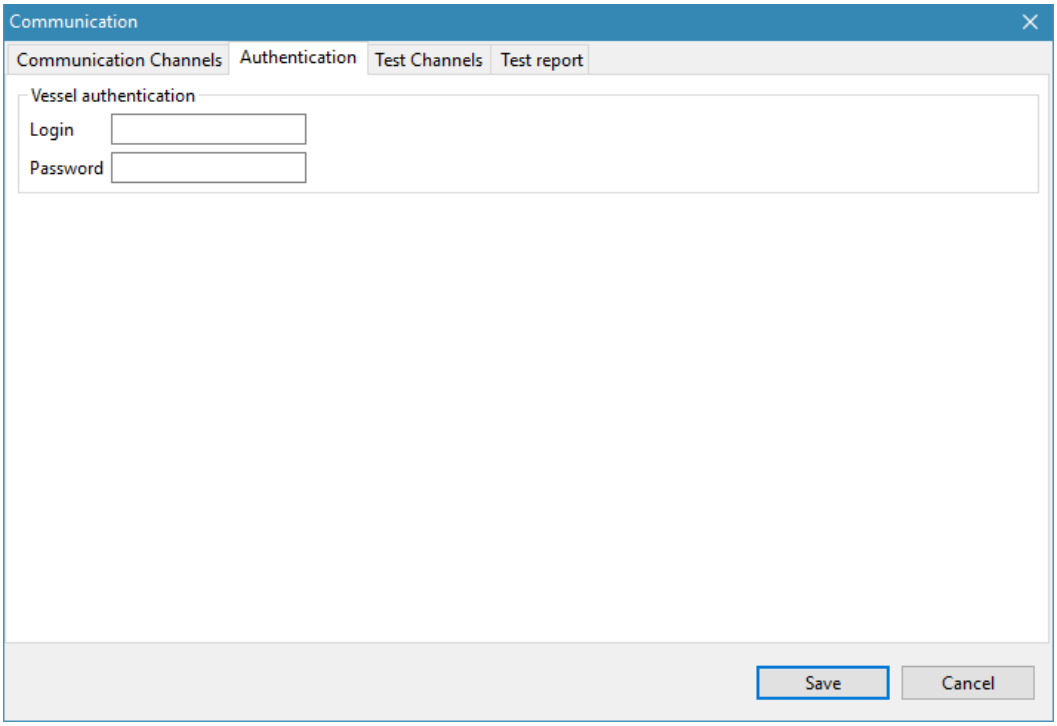


Figure 843.1, Authentication tab

5.2.2 Test of channels

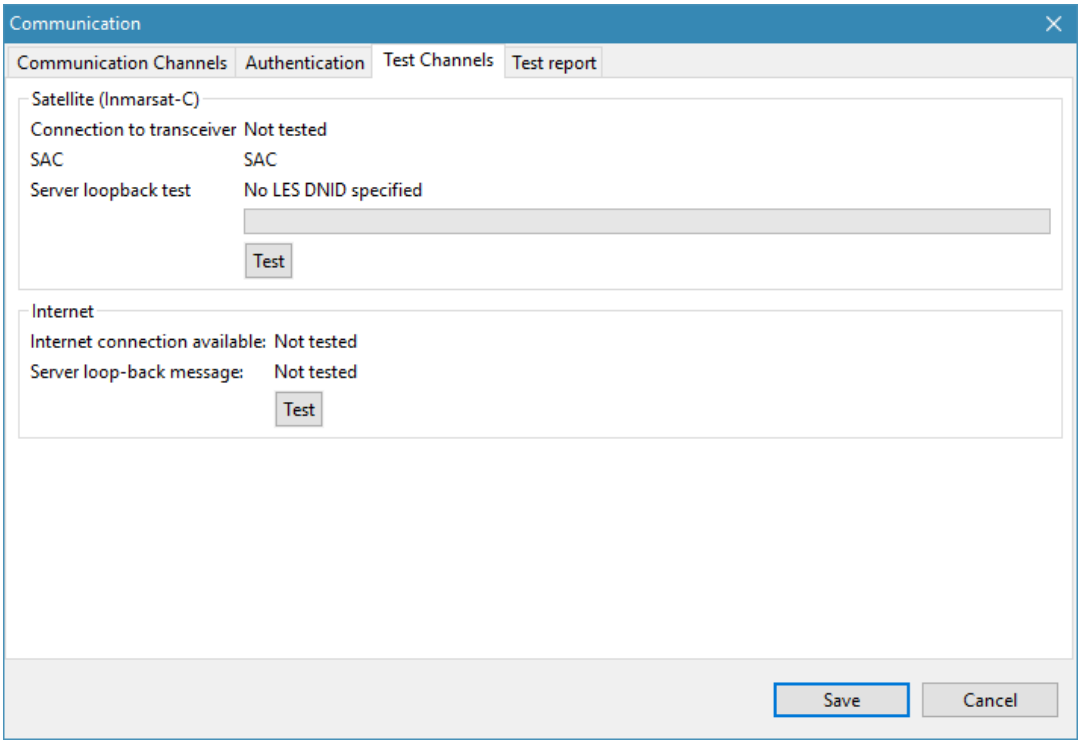


Figure 85, Test Channels tab

On the 'Test Channels' tab it is possible to test the availability of the two communication channels (using the settings specified on the Communication Channel tab), i.e. Satellite and Internet.

For each test a detailed overview of both the progress and the results are presented. When the tab is first selected all test results display 'Not tested'. Then, when pressing one of the 'Test' buttons, the selected test will start with the first step, e.g. testing the connection between the PC and transceiver. In the above example (Figure 85) the PC is not connected to a transceiver as displayed.

If one step fails the remaining steps are not executed as this makes no sense.

5.2.3 Test report

From vCatch 4.1.0 it is possible to send in a test report to the server to check if everything works as expected. A new tab in "Communication" window is available called Test report. Selecting this option will open the dialog Figure 87, Test report window. What you are shown in the Last result message column is a result of what answer you receive from the test, which is start by pressing the test button. One of the following messages will be shown:

- Ok – test message was sent and correct answer from server was received.
- INVALID – test message was sent but incorrect message from server was received.
- TIMEOUT – there was timeout.
- CANCELLED – test report was cancelled during sending process.
- INVALID_LOCAL – test message cannot be send because there are some problems in client (there will be message what is wrong).

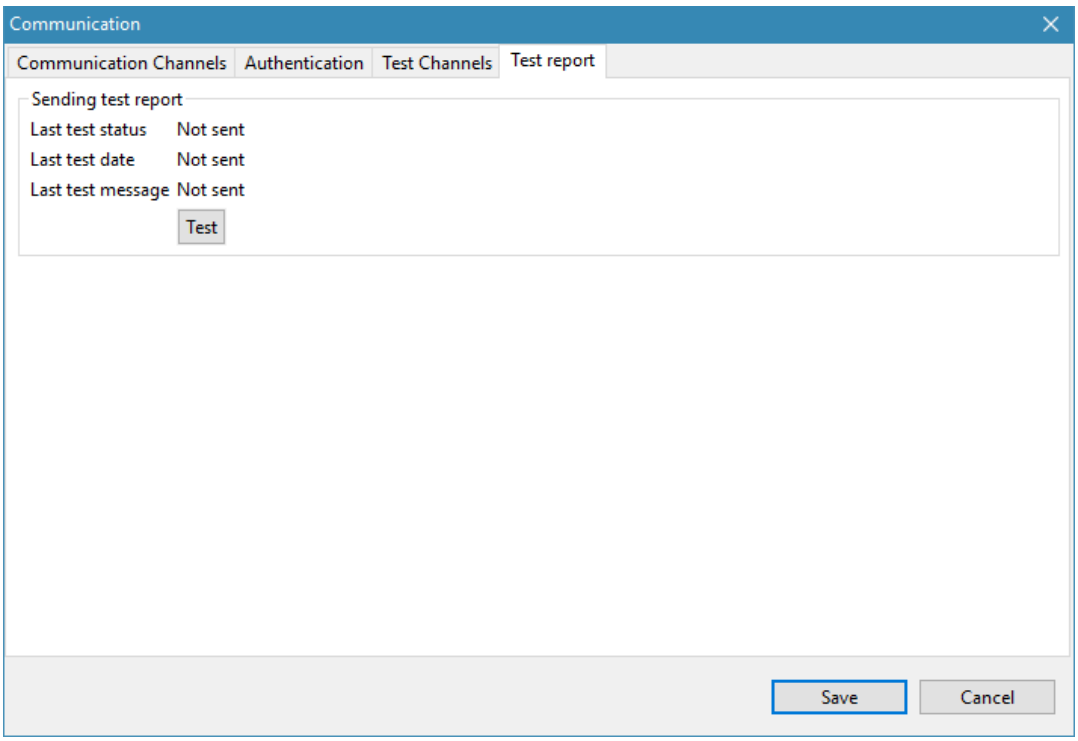


Figure 86, Test report can be found in Communication window

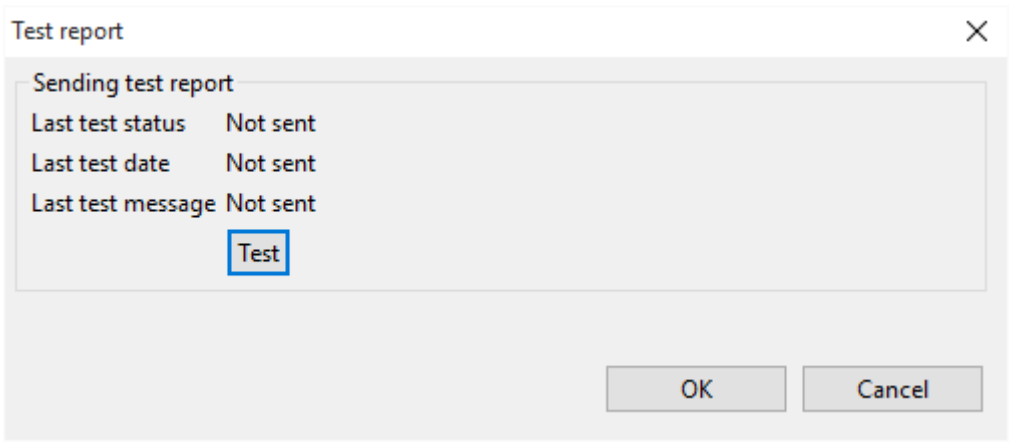


Figure 87, Test report window

5.3 Time Zones

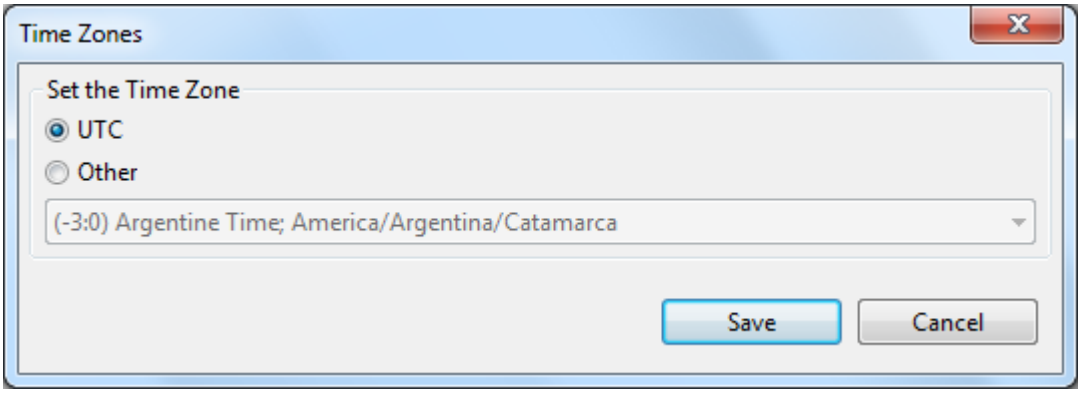


Figure 88, Time zones window

Timestamps in vCatch can be UTC (default) or if preferred any other time zone. Tick UTC to enter time in UTC time. Select “Other” and choose a time zone in the drop down list. If time is entered in another time zone, it will be converted into UTC time when communicating with the Fishery authorities.

5.4 Language

To change the language of vCatch select “Language” in the Settings menu. Choose the relevant language and select the “Save” button.

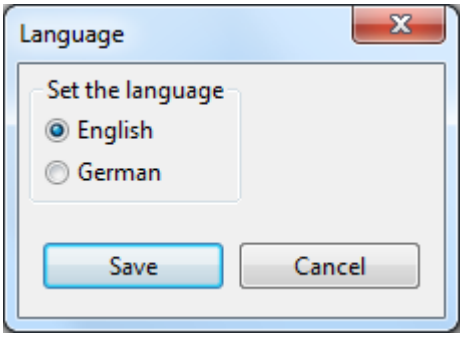


Figure 89, Choosing language

Restart vCatch to activate the change of language.

5.5 Concurrent Catches Allowed

In the menu list “Settings” tick the “Concurrent catches allowed” if you want to be able to register from two catches at the same time.

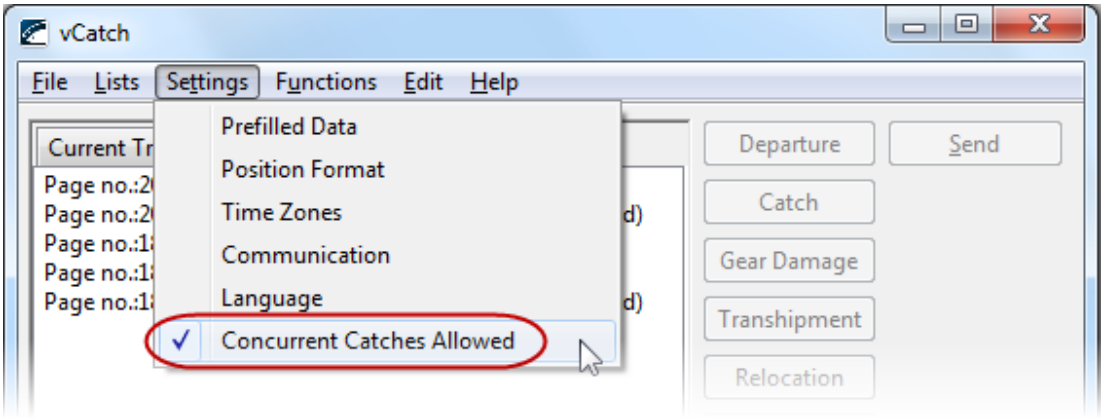


Figure 90, Concurrent Catches Allowed

When “Concurrent catches allowed” is ticked, the catch window has an extra button at the bottom: “New Catch”. Clicking this button switches between two open catch windows.

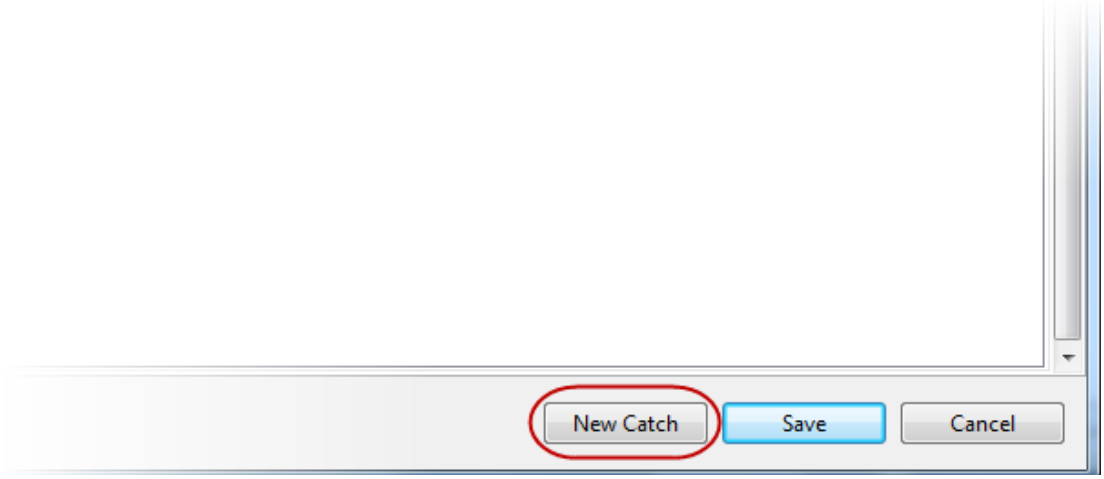


Figure 91, New Catch button on the Catch window

Always save the first catch first to have the correct sequence in the logbook window.

When the catches have been saved it is possible to send. Both catches will be sent at the same time. If each catch must be sent separately, they must be created separately.

To remove the possibility of concurrent catches untick “Concurrent catches allowed” in the menu list Settings.

6 Updating vCatch

Your Fishery authority can send updates to vCatch. The updates can be new versions of the standard lists (e.g. species, presentations, hail messages and many more) or new versions of the application.

6.1 Updating Lists

When new lists are available from your Fishery authority you will be notified in the status bar in the overview window - this notification will appear from the moment where a receipt has been received from the Fishery authorities (green icons).

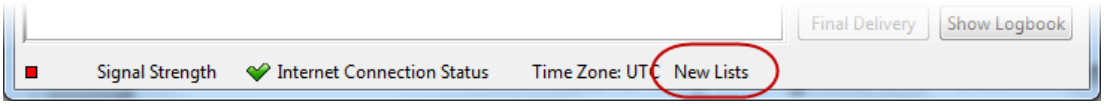


Figure 92, Notification of new lists ready for download

Before updating lists it is recommended to perform a backup as described in section 7.3.1.

From vCatch 4.0.0 version warning message is implemented in order to inform user that new FMS lists are available. This message shows up every time when new FMC lists are available and after finishing old logbook user tries to create a new logbook or closes and then opens up again Vessel client.

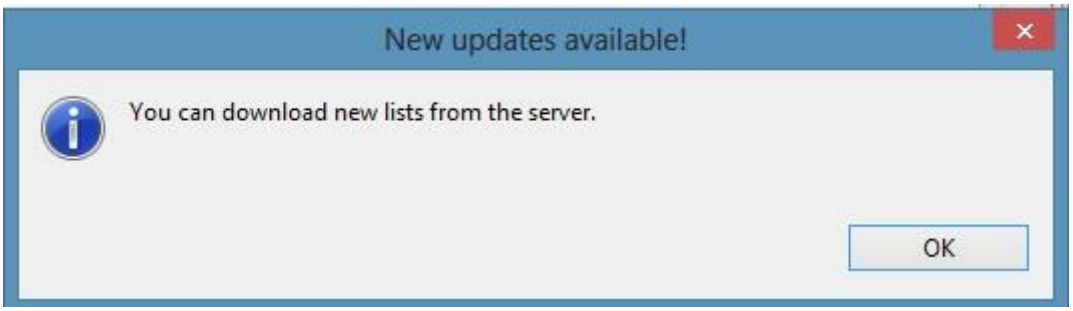


Figure 93, Notification window showing that new lists are ready to download

6.1.1 Update lists with download

You can get these list updates the next time a new logbook is created, Make sure you have a connection to the internet and select “Help”, “About vCatch”.

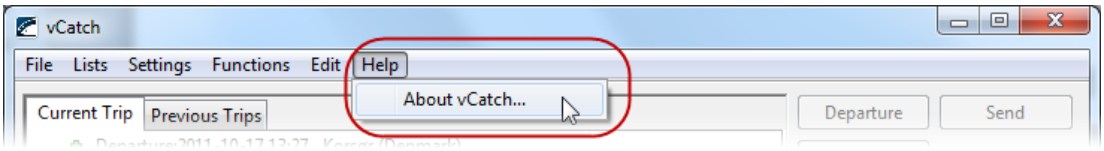


Figure 94, Help in vCatch

When the About dialog opens, click the “Download latest list version” button.

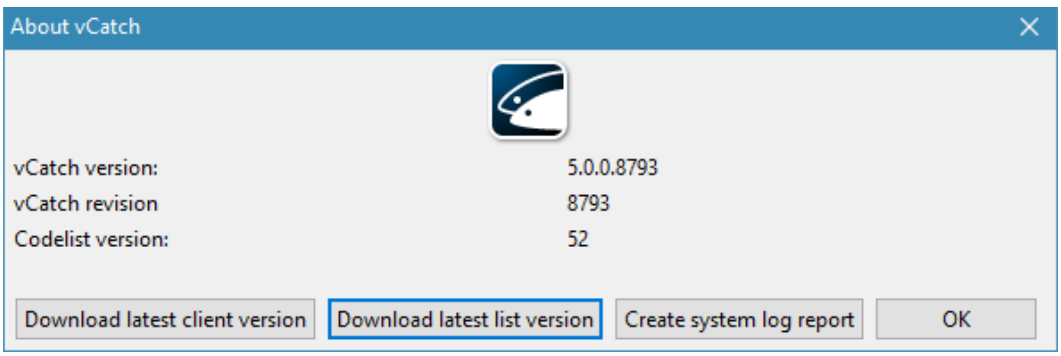


Figure 95, About vCatch dialog – Download latest list version

vCatch checks if new versions of lists are available and before the new lists are downloaded you may be notified about the size of the file and you may be asked to confirm that you will continue the download.

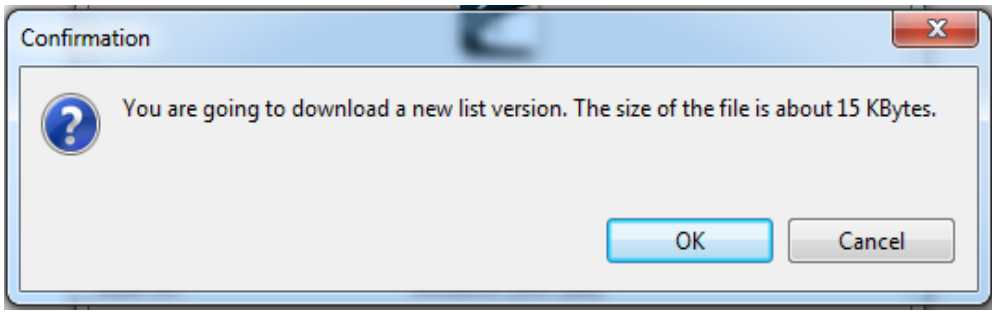


Figure 96, Confirmation dialog

After your confirmation vCatch downloads the new list version and installs the new lists.

Click “OK” when the application is finished downloading and installing. Close vCatch and start it again to activate the updates.

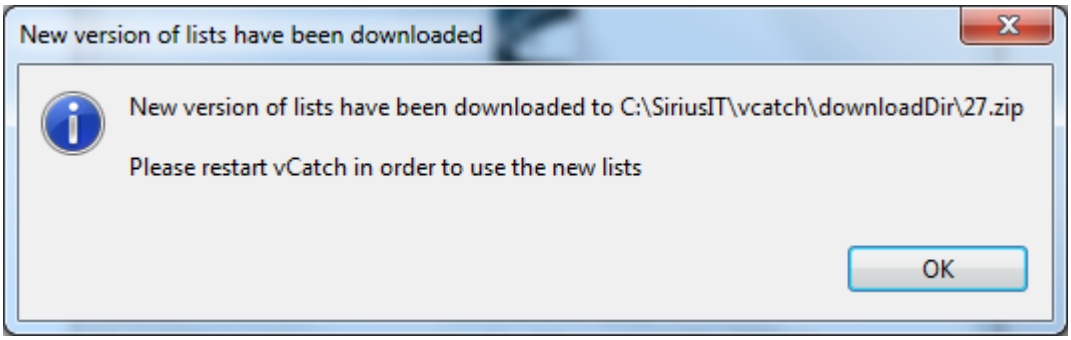


Figure 97, New versions have been downloaded

6.1.2 Update lists without download

You may receive a zip file with a new version of the lists from your FMC on other media like USB stick. Copy this zip file and paste it under the “DownloadDir” folder in the vCatch Destination directory.

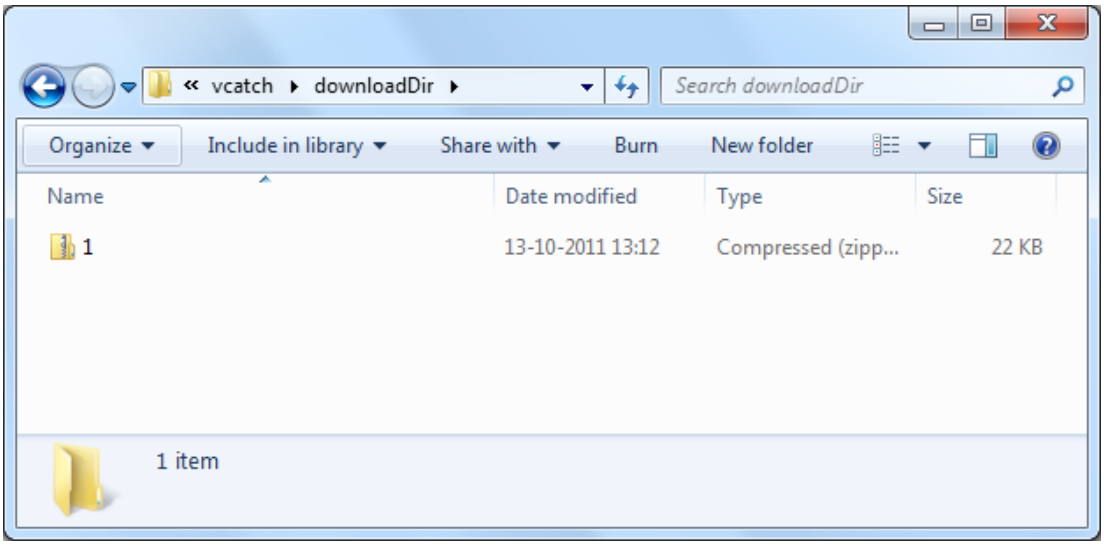


Figure 98, “DownloadDir” folder

Restart vCatch to activate the updates.

6.2 Updating the vCatch Application

When new software is available from your Fishery authority you will be notified in the status bar in the overview window - this notification will appear from the moment where a receipt has been received from the Fishery authorities (green icons).

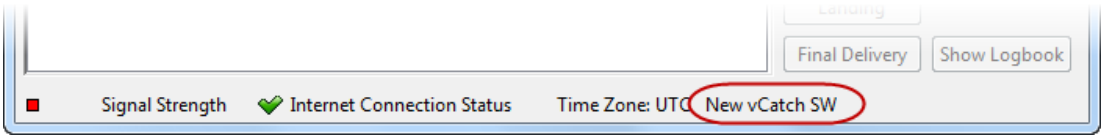


Figure 99, Notification of new software ready for download

Before installing the new software version it is recommended to perform a backup as described in section 7.3.1.

From vCatch 4.0.0 version warning message is implemented in order to inform user that new Vessel client software is available. This message shows up every time when new Vessel client software is available and after finishing old logbook user tries to create a new logbook or closes and then opens up again Vessel client.

6.2.1 Update software with download

To get the software update make sure you have a connection and select “Help”, “About vCatch”. When the About dialog opens，click the “Download latest client version” button (this is only possible if there is no logbook open).

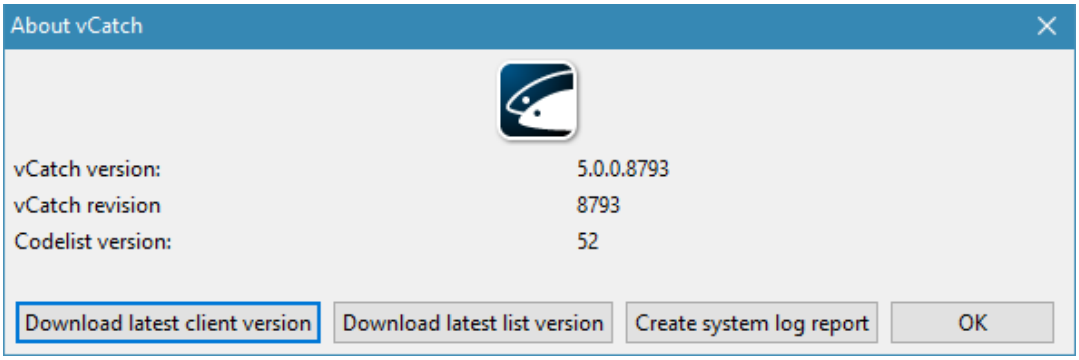


Figure 100, About vCatch dialog- Download latest client version

vCatch checks if new versions are available and before a new software version is downloaded you may be notified about the size of the file and you may be asked to confirm that you will continue the download.

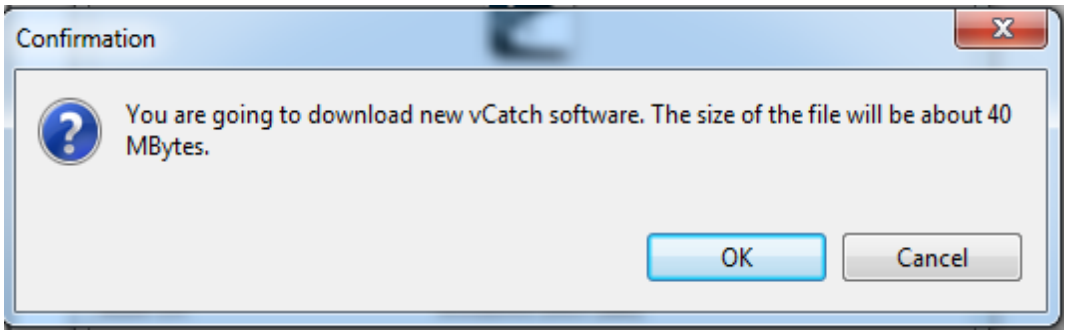


Figure 101, Confirmation dialog

After your confirmation vCatch downloads the new version. The new version must be installed manually.

vCatch displays a progress indicator while the updates are being downloaded from the server.

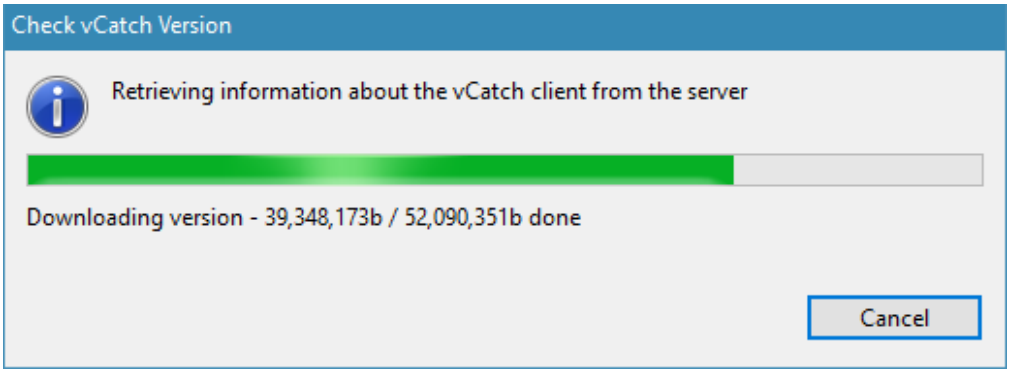


Figure 102, Check Client Version progress indicator

When the download has successfully completed, vCatch displays a message detailing the download location on your local hard drive and providing instructions for how to complete the update.

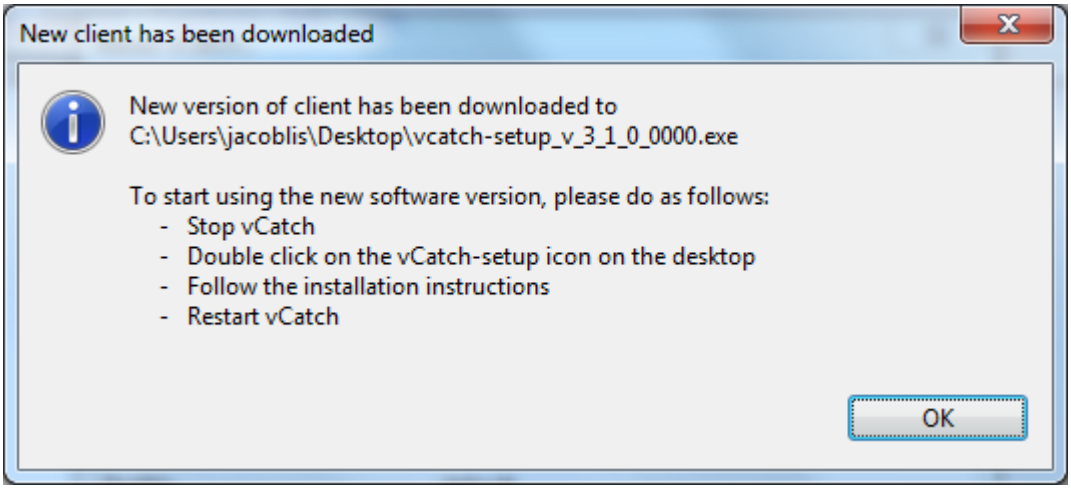


Figure 103, New updates

Close vCatch and double click the vCatch-setup icon on your desktop as specified.

Follow the installation instructions and restart vCatch when the installation is complete.

6.2.2 Update software without download

You may receive a Software installer from your FMC on other media like USB stick.

Make sure there are no open logbooks and close the Vessel Client.

Double click the installer and follow the instructions. When installation is completed, restart vCatch.

7 Vessel Client Installation

If the vCatch Vessel Client has not yet been installed on your computer, you can follow this guide if you are confident in doing so.

7.1 System Requirements

It is recommended to have a computer with the following software installed: Windows 7.

The computer should have access the internet or connection to an Inmarsat-C transceiver.

7.2 Vessel Client Installation

The file vcatch-setup.exe is delivered on a server for download, or distributed via CD's or memory sticks.

Make sure there is access to the vcatch-setup.exe file on the computer where the Vessel Client is to be installed.

Run the vcatch-setup.exe file from the destination computer.

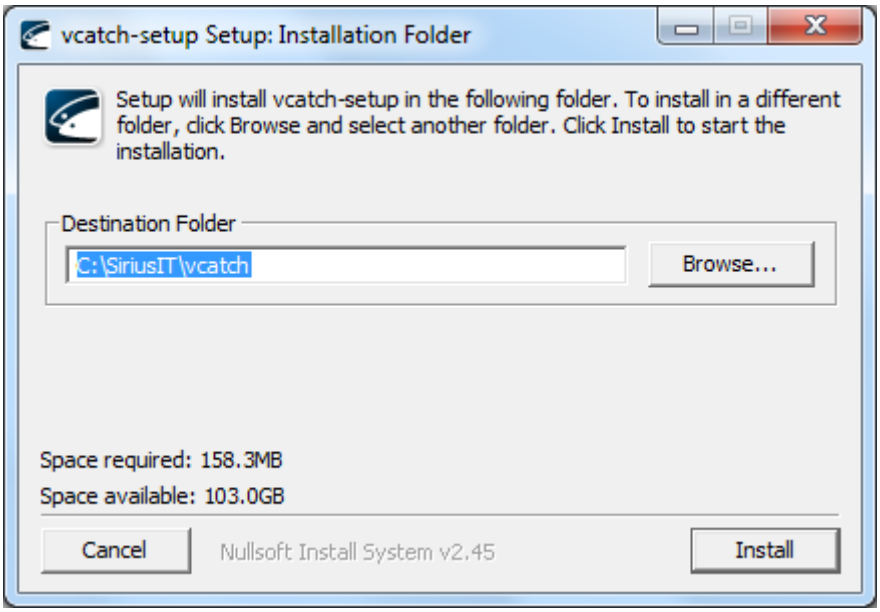


Figure 104, Vessel Client Installer

Figure 104 shows the Vessel Client installer. Specify the desired destination folder and select Install to start the installation.

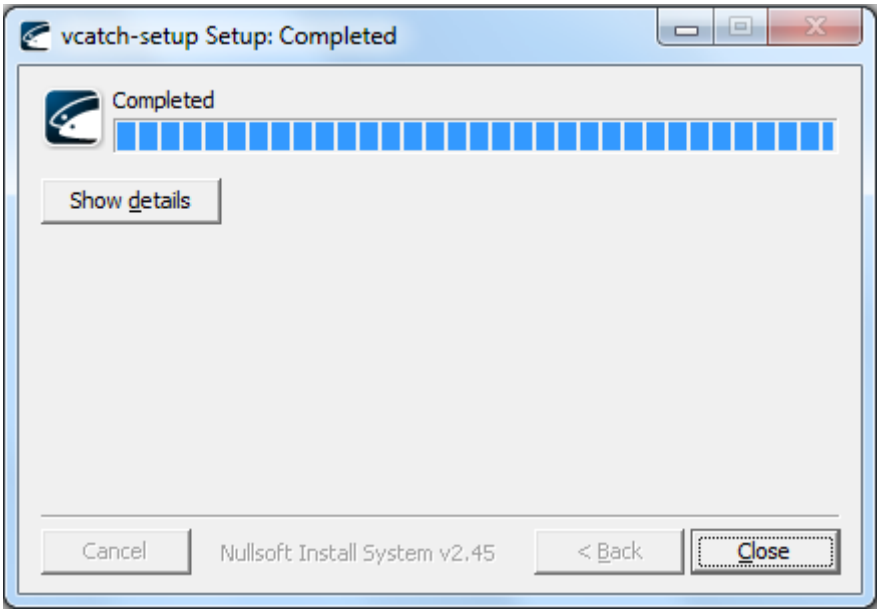


Figure 105, Installation completed

When the installation is completed, close the installer by selecting Close.

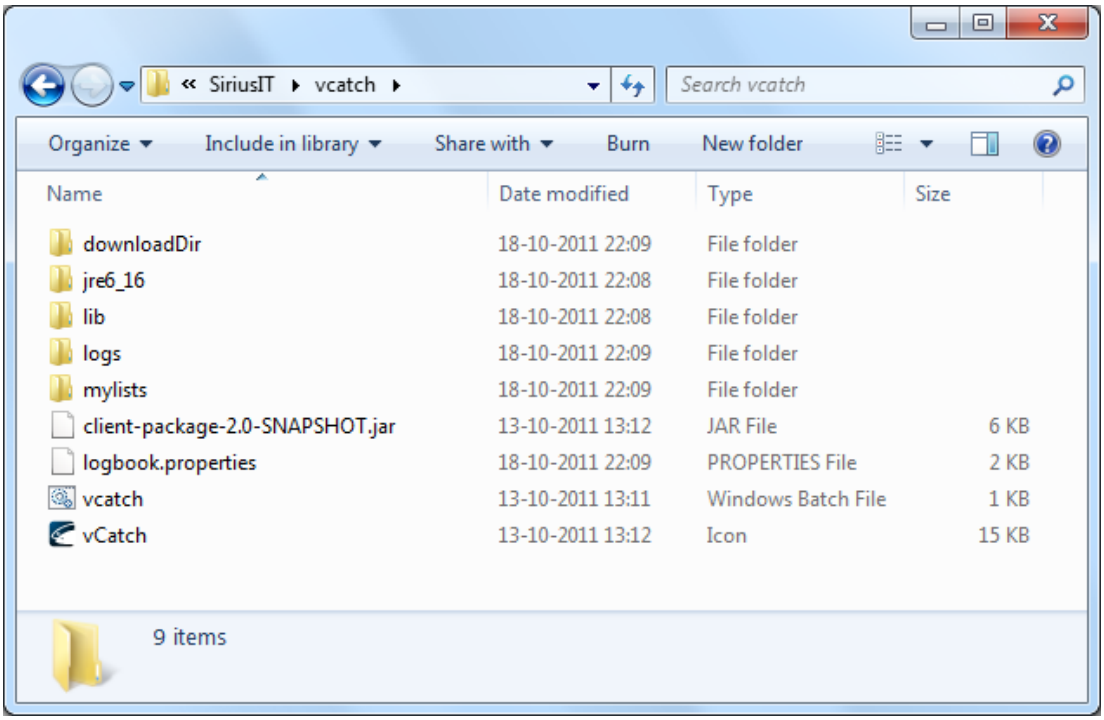


Figure 106, vCatch Destination directory

Browse to the destination directory specified in Figure 104 and verify the content is as shown in Figure 106.

7.3 Vessel Client Maintenance

7.3.1 Creating system log report

If an unlikely event happens, when vCatch is having technical difficulties and cannot act as usual, it is possible to form all the necessary information for investigation. This can be done by going to “Help”, “About vCatch...” and pressing “Create system log report” button. The formed file is located on the desktop.

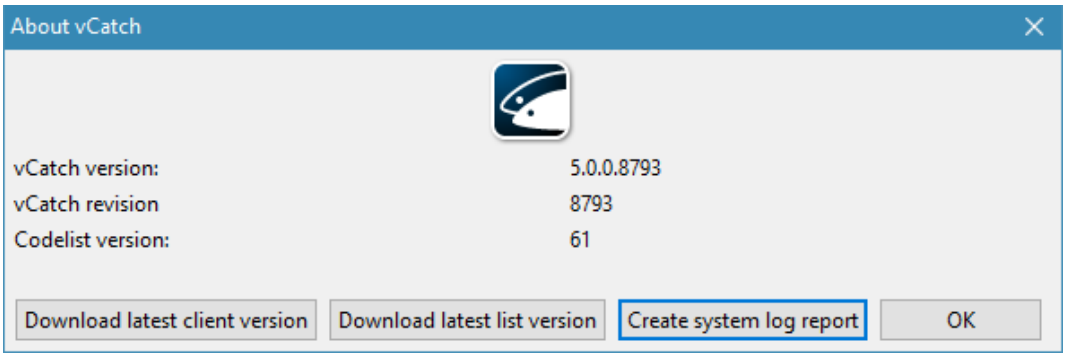


Figure 107, Create system log report button

7.3.2 Backup

In the following %INSTALLATION_DIR% refers to the directory where the Vessel Client was initially installed.

It is recommended to make a regular backup of the following

- %INSTALLATION_DIR%/certificate
- %INSTALLATION_DIR%/downloadDir
- %INSTALLATION_DIR%/logbooks
- %INSTALLATION_DIR%/mylists
- %INSTALLATION_DIR%/outbox
- %INSTALLATION_DIR%/Positions

8 Additional functionality

These features are by default turned off, if you wish to use any of these features please contact vCatch support and we can discuss if desired feature is applicable for your installation. Your vCatch licensing terms may be affected.

8.1 Weighing

8.1.1 Enabling weighing functionality

From vCatch 3.3.0 there is a new functionality called weighing. To use it user should go to Settings menu and select Prefilled Data item. There will be two new checkboxes – Possibility to enter processed weight and Permission to weight catch on board. Regarding these checkboxes user has three options to choose: do not select any of checkboxes, select first checkbox Possibility to enter processed weight or select second checkbox Permission to weight catch on board (then first checkbox Possibility to enter processed weight is checked automatically and disabled).

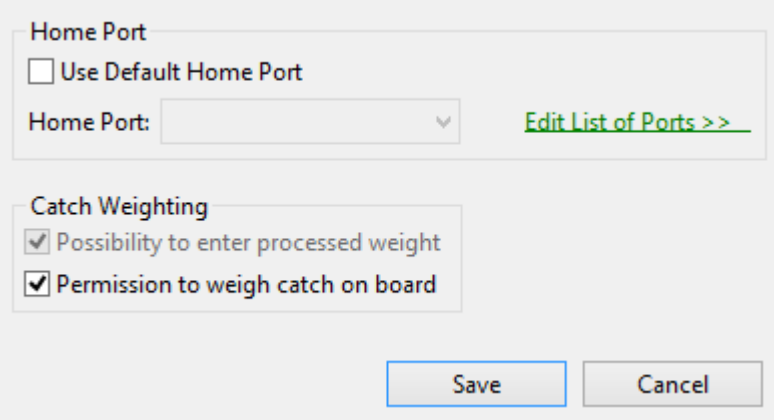


Figure 108, New checkboxes in standard information dialog

- If none checkboxes are selected, the functionality stays the same – user enters live weight only and all the catch tables do not contain new columns (new columns will be described later).
- If Possibility to enter processed weight is selected, user is not able to select anything in the Weighing column dropdown, the value Estimated (EST) is selected by default. User is able to enter only one of the weights: either processed or live. If processed weight is entered – live weight is calculated and not editable. Live weight is calculated automatically using conversion factor.
- If„Permission to weigh catch onboard is selected (Possibility to enter processed weight then is checked automatically), user is able to select weighing type from the Weighing column dropdown values Estimated (EST) and On board (WGH). The value On board is preselected for new rows. User is able to enter only one of the weights: either processed or live. If processed weight is entered – live weight is calculated and not editable.

8.1.2 Additional columns in catch tables and other changes

If weighing functionality is enabled there are new columns in catch tables in order to enter additional information regarding catch weighing, species, fish size class, processed weight, live weight, preservation, presentation, conversion factor and catch type. The column Quantity in Kg (that is used in catch tables if weighing functionality is disabled) is renamed into Live weight.

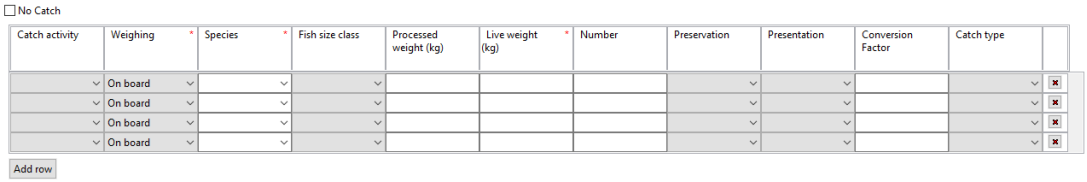


Figure 109, Catch table in Catch Information - Extended dialog when weighing functionality is enabled

New columns described above show up in catch tables of Departure, Catch and Landing dialogs.

From vCatch 3.3.0 the column Live weight is disabled (not editable by the user) in catch table of Landing dialog, so the user is only able to enter or edit Processed weight. The value for Live weight column is populated from Departure, Catch, Transhipment or Relocation catch tables and is recalculated if Processed weight has been changed in Landing. The user is not able to save Landing if Processed weight is missing. If only Live weight has been populated from Departure, Catch, Transhipment or Relocation catch tables and Processed weight is empty then the user has to manually enter a value for Processed weight.

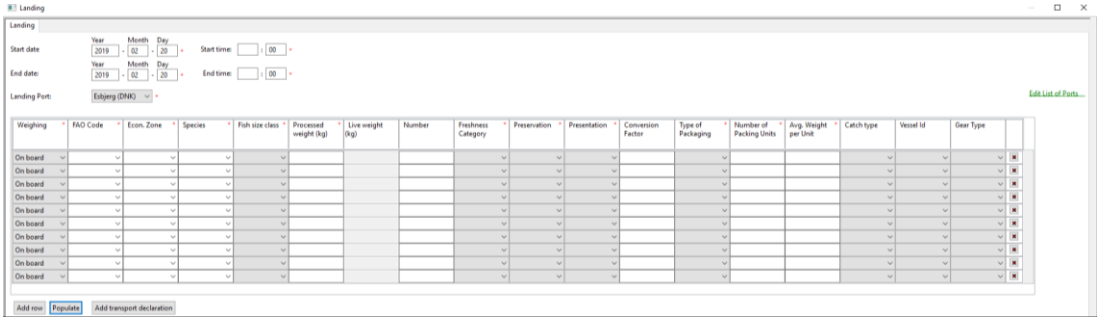


Figure 110, Live weight column disabled in Landing

From vCatch 3.3.0 the value Estimated in Weighing column of catch table in Landing is renamed to the value After landing.

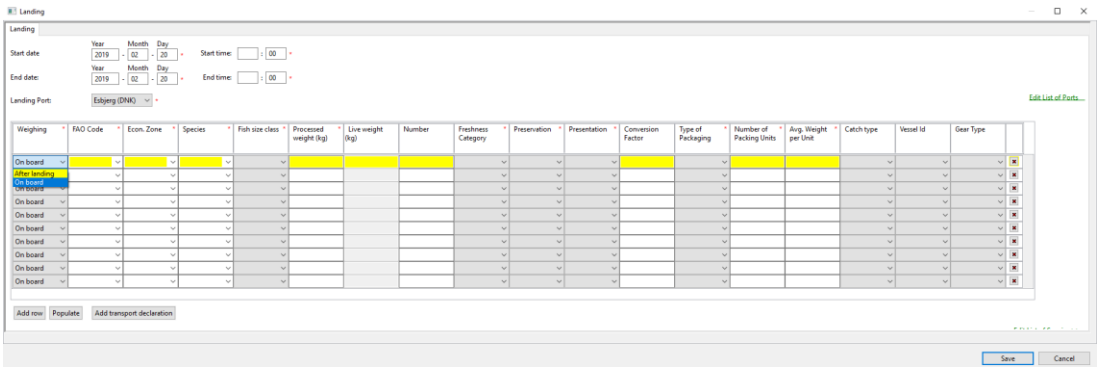


Figure 111, The value After landing in Weighing column of catch table in Landing

From vCatch 3.3.0 Conversion Factor boundaries has expanded. vCatch is now able to manage conversion factor = 0,00.

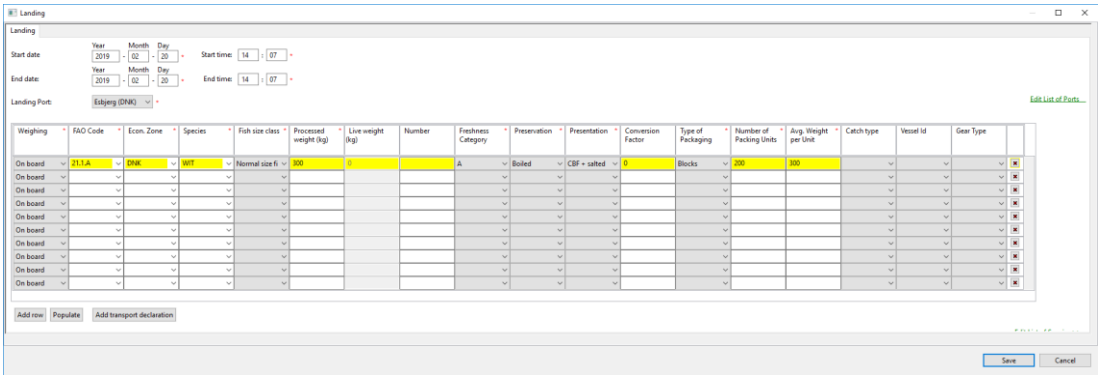


Figure 112, Conversion factor with the value 0 in Landing

If user fills catch table with the same Nation, Species code and Presentation values as they are entered in Conversion factors dialog under FMC Admin menu then Conversion factor is prefilled automatically.

From vCatch 4.0.0 modifications were done to the Transhipment dialog's Transhipped catch table. Now, despite of weighing functionality being enabled or disabled, in Transhipment dialog processed weight and not live weight is being declared according to Council Regulation (EC) No. 1224/2009. So Live weight (kg) value is calculated by multiplying Processed weight (kg) and Conversion factor values.

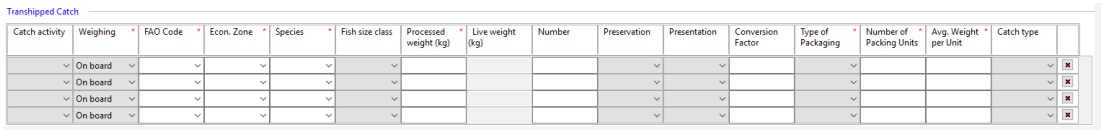


Figure 113, Changes in Transhipped catch table in Transhipment dialog

8.1.3 Populate dialog changes

From vCatch 5.0.0 the populate dialog was changed by adding Fish size class, Live weight and Conversation factor columns for each catch row.

From vCatch 3.3.0 the populate dialog was changed by adding Processed weight and Weighed on-board columns for each catch row.

From vCatch 3.3.0 the functionality for populating catch rows considers not only Species, FAO code and Economical zone but also Weighing, Presentation and Preservation values, i.e. catch rows are not merged if Weighing/ Presentation/ Preservation differs between catch entries for the same species.

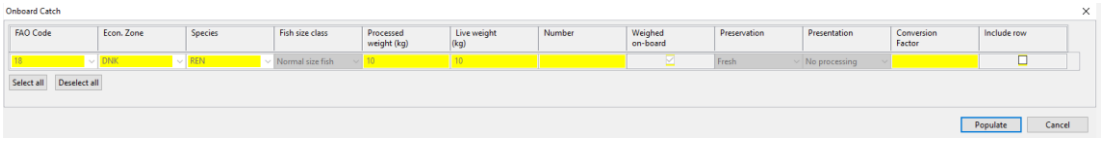


Figure 114, Populate dialog

8.1.4 Presentation and preservation defaults

From vCatch 3.3.0 new Presentation and preservation defaults dialog exists. It can be found in Settings menu, under Presentation and preservation defaults item. It is used to hold a table of all the species selected by the user (selectable in the catch tables) including other species codes that had previously been used and had selected default presentation, preservation or both. User is able to choose one of default preservation, presentation or both.

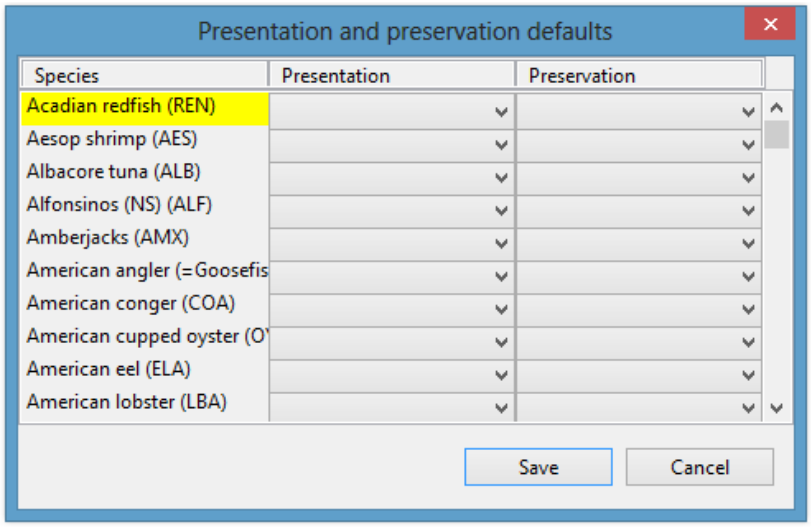


Figure 115, Presentation and preservation defaults window

8.2 Forwarding third party response to vessel

In vCatch it is possible to create hail messages for use in Norwegian and EU waters respectively. Hail messages are always sent to the flag state but will be forwarded to either Norway or the EU coastal member state in accordance with the regulations.

There are four different colours to represent Norway Hail message status in vessel client:

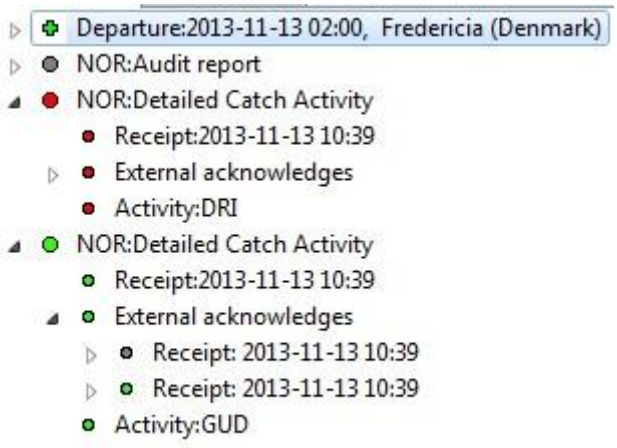


Figure 116, Different Norway Hail message statuses

Grey circle. The Norway message details have been delivered to the Fishery authorities and forwarded to foreign FMC. vCatch client is waiting for acknowledge.

Green circle. The Norway message is accepted.

Red circle. The Norway message is rejected.

Black. A decline has been received from the Fishery authorities. It may be due to an illegal action, i.e. sending a new logbook when one handled by the FMC is still open, or a system error may have been detected. When a logbook has reached this state it can only be unlocked and removed by use of a release key (see section 3.2 for releasing an existing logbook, or see the document “vCatch Fallback Procedures” to read a description of the fallback procedures in vCatch).

8.3 Landing obligation

In vCatch 4.1.1 new functionality has been implemented called landing obligation in accordance with Regulation (EU) No 1380/2013. The functionality is an expansion of catch information in several vCatch dialogs.

1. New column “Activity” – What activity will be conducted for the species on that current row.
2. New column “LSC or BMS” – Is the caught fish LSC (Normal size fish) or BMS (Fish below minimum size)

These dialogs catch information have been updated with the following new columns:

- Departure - 2
- Transshipment
    - Donor - 2
    - Recipient – 1 & 2
- Relocation
    - Donor - 2
    - Recipient – 1 & 2
- Hail Message
    - PNO - 2
- Landing - 2

The catch dialog has received the following modifications:

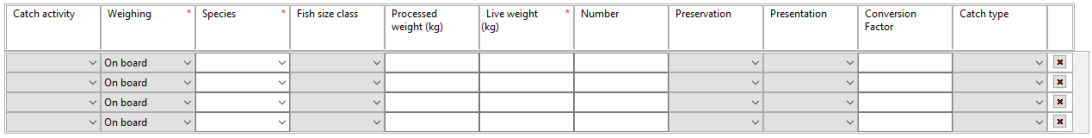


Figure 117, Catch information table

Column	Change
Catch activity	New column that contains the activity done on that species on that row.
Weighing	No change
Species	No change
Fish size class	Is the fish size normal or below minimum size. Deactivated if catch activity was DIS, DIM or ROV.
Processed weight (kg)	No change
Live weight (kg)	No change
Number	No change
Preservation	Both for LSC and BMS. If fish is discarded by DIS, DIM or ROV in catch activity, then defaults to fresh and field is deactivated.
Presentation	Both for LSC and BMS. If fish is discarded by DIS, DIM or ROV in catch activity, then defaults to whole and field is deactivated.
Conversion Factor	No change
Catch type	New column

The following dialogs have been disabled and functionality disabled:

- Discard

All the new information will also be shown in the paper logbook. For more information regarding the paper logbook see 3.19.