

# e-RAV Quick Start series for CPCs:

## The List of Vessels

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### What is this guide about?

**This quick start guide will give you a quick tour of the e-RAV List of Vessels, which is your central hub for using e-RAV.**

*Note: all examples in this manual are presented for illustration only and do not reflect actual vessel information.*

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## Accessing the e-RAV List of vessels

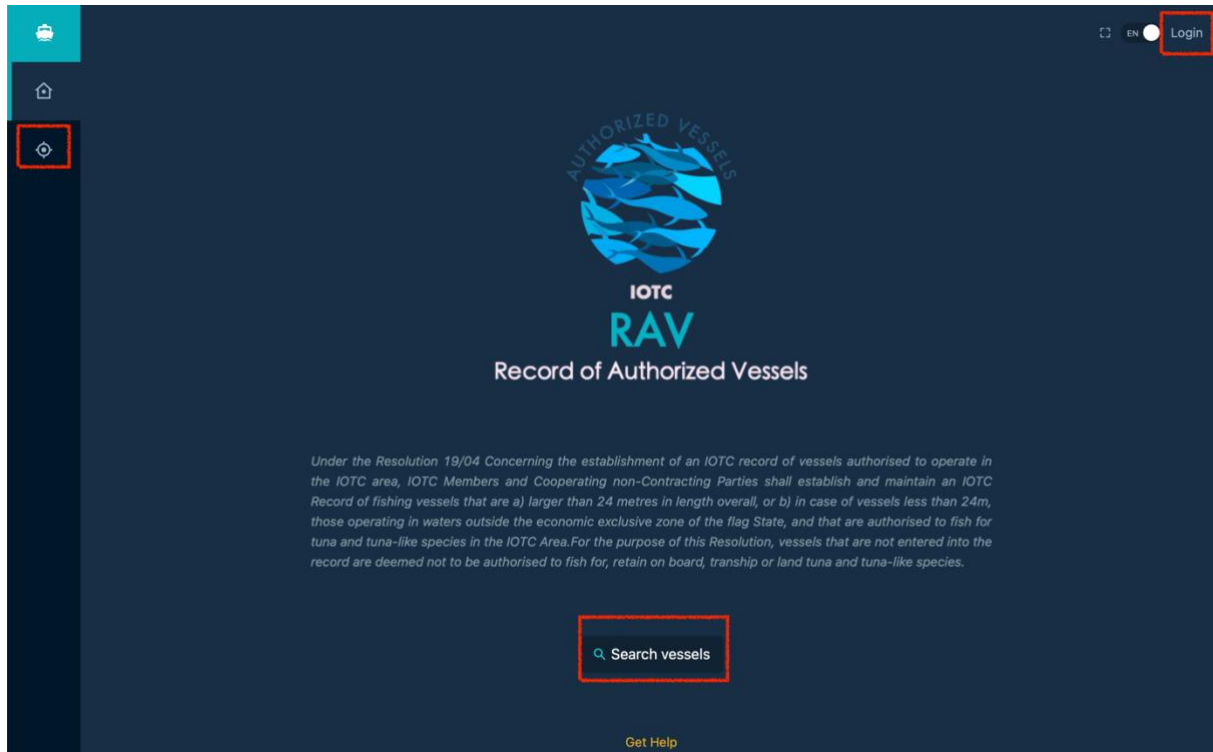
To consult the IOTC List of Authorised Vessels and Carrier Vessels (e-RAV), you do not need to be signed in with a user account, but if you do sign in, you will have access to more features, depending on your user's permissions.

**STEP 1: Open the e-RAV URL in your web browser:**

<http://rav.iotc.org>,

and you will land on the e-RAV home page. From there you can:

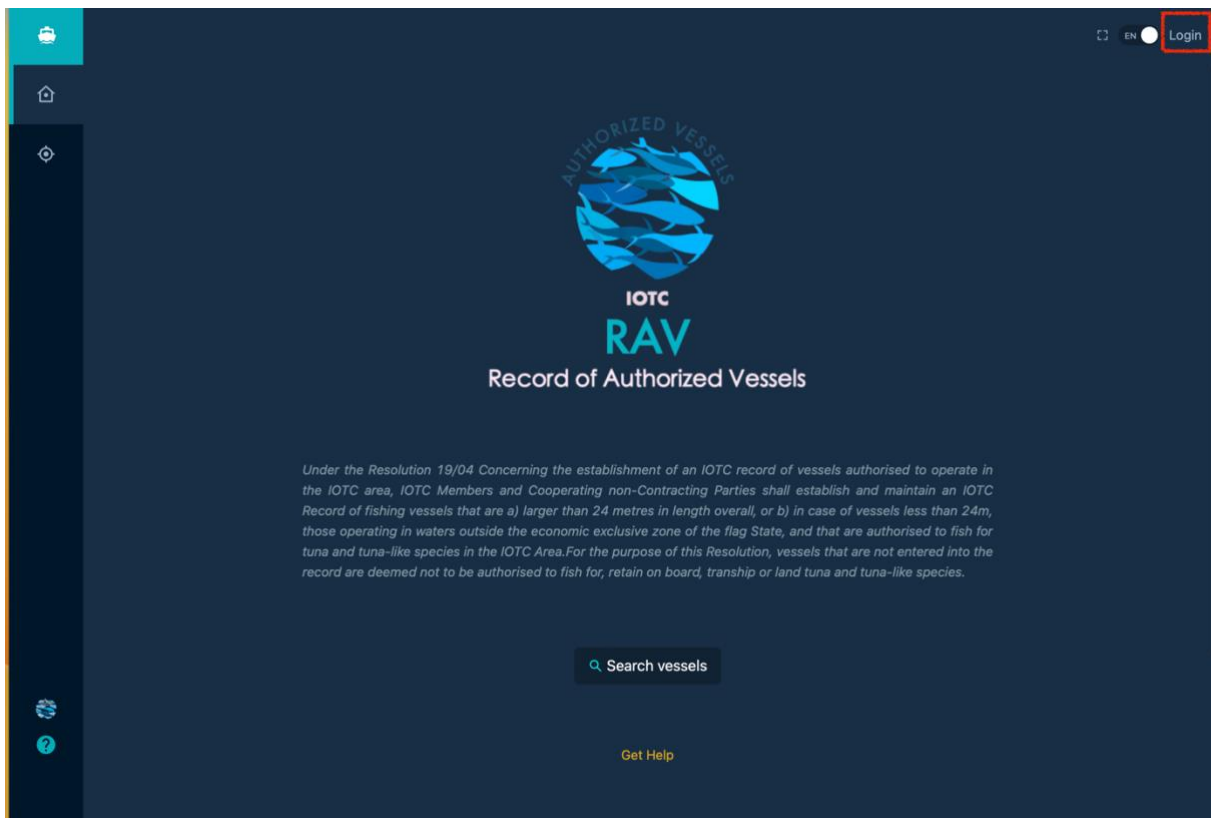
- **Search and consult the list of vessels**, by clicking on the Search Vessels button in the homepage or in the sidebar
- **Sign-in** by clicking on the Login button in the top right (if you have an account).



## Signing in to the e-RAV

**STEP 1: Open the e-RAV URL in your web browser:**

<http://rav.iotc.org>,



**STEP 2: Log in:**

click on the "Login" button in the top right corner and enter your username or email and password in the login screen, then click "Submit".

*Note that once connected, the application will keep you logged in for several days, unless you log out manually.*

Once logged in, you will land on the e-RAV home page.

## The e-RAV List of vessels in a nutshell

The screenshot shows the 'All Vessels' page in the e-RAV system. It features a search panel at the top, a summary bar, a pagination section, a column configurator, and a table of vessel results.

Identifier	Name	Flag State	IMO	Type	From	To
IOTC090016	KILAT MAJU JAYA - 8	Bahamas	PENDING	Longliner	19/01/23	26/12/23
IOTC001579	WAKABA MARU No.8	Japan	8921406	Purse seiner	12/07/23	01/07/24
IOTC008938	ADHUREAN	Maldives	NE	Pole and Line vessel	31/01/23	30/01/24
IOTC013519	ALIRAASTHA	Maldives	NE	Pole and Line vessel	08/02/23	07/02/24
IOTC017609	SAMAK	Maldives	NE	Pole and Line vessel	03/02/23	02/02/24
IOTC017612	ROADHI	Maldives	NE	Pole and Line vessel	07/02/23	06/02/24
IOTC009115	FAHIROADHI	Maldives	NE	Pole and Line vessel	04/02/23	03/02/24
IOTC015497	DHOADHI	Maldives	NE	Pole and Line vessel	07/02/23	06/02/24

The e-RAV List of vessels is where you can consult and search for authorised and carrier vessels in the IOTC Record of Authorized Vessels.

It is made of these main components, which are described in details in the following sections:

1. The **Search panel**: this allows you to build queries to search for specific vessels according to your needs.
2. The **Search result number**: this shows you how many vessels were found matching your query.
3. The **Pagination**: this allows you to quickly jump through the pages of results.
4. The **Column configurator**: this allows you customize the columns you want to see in the table of search results.
5. The **List of vessels**: this is where you see the list of vessels matching your query. By default when there is no query, this shows the list of all vessels, ordered by most recently updated.

## Details on some e-RAV additional features

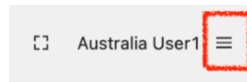
### Focus mode



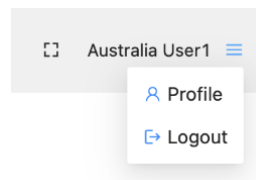
Click the **Focus Mode** button and the left sidebar and top section will hide away, allowing you to see more content (useful on small laptop screens). Move your mouse cursor to the left or the top of the screen to see them reappear. Click the Focus Mode button again to turn this mode off.

## User menu

If you are signed in to your account, a User menu will replace the Login button:



Click this icon to open the **User Menu**, where you have options to open your Profile or Logout of e-RAV.



- **Profile:** this gives you some information about your user profile, including:
  - **Details:** information about you, such as your Name, username and email, and allows you to edit this information with the “**Edit**” button below;
  - **Party:** the Party to which you belong;
  - **I am:** what type of user you are (always “User” for CPCs)
  - **I can:** The permissions you have in e-RAV;
  - **Language:** the language in which you are currently using e-RAV, which you can change temporarily here (or permanently by editing your profile above);
  - **Mail me:** clicking this button allows you to have e-RAV send you a test email, for example to verify you are receiving e-RAV emails correctly.

Profile

Edit Profile

Save
 Revert

**Australia User1**  
AUSTRALIA1  
australia1@mail.com

Edit

**I Can**

The set of permissions you have right now.  
Hover on them to reveal more information.

Manage Party and Party User (1)

**Current Language**

The current language of the interface.  
This is based on your preference in the profile, but here you can switch to another language for this session only.

English

**Mail Me**

Send out a test message to verify emails from the system reach your inbox.

Send message now

**Username**

australia1

The identifier provided by the user to log in.  
Mnemonic and unique, no spaces or punctuation.

**First Name**

Australia

**Last Name**

User1

The first name and last name are combined to form a label for the user.  
The full name should really be unique among all users.

**Email**

australia1@mail.com

This is used exclusively for communication.  
Primary address.

**Address**

Any information available about the location of the user.  
Free-form text.

**Phone**

A work number where the user is most easily reachable for urgent enquiries.  
Include all relevant prefixes.

**Preferred language**

English

The preferred language is used to present the user interface, but it may also be used in e-mails and other forms of communication.

**Email Notification Topics**

[All Topics]

Select one or more topics for which you want to receive emails.  
Select topics to increase or reduce mail notifications.  
General topics are in boldface, replace them with more specific ones to receive less notifications.

- **Logout:** clicking this button will disconnect you from e-RAV.

## The Search panel and running queries

The Search panel allows you to build queries to search for vessels according to your criteria.

IDENTIFIER

NAME

FLAG

TYPE

KIND

GEARS

SPEC

RANGE

PORT

CONTACT

IOTC N. ▾

NAME

FLAG

▾

DELISTED

HISTORICAL

### STEP 1: Select your search criteria

At the top is a list of available search criteria. Greyed out criteria have already been added to the query panel, while the others are available to add. To add a new criteria to your query, simply click it:

Add Vessel Type

E

FLAG

+ TYPE

KIND

IDENTIFIER

NAME

FLAG

TYPE

KIND

GEARS

SPEC

RANGE

PORT

CONTACT

IOTC N. ▾

NAME

FLAG

▾

TYPE

▾

To remove a criteria from your query, click on the "-" icon on its right in the query panel:

Note that some criteria, such as Identifier or "Spec" offer you a choice of sub-type when added. A default type is selected, but you can change it by clicking on the arrow button on the right:

The following criteria are available:

- **Identifier:** vessel identifiers, including IOTC number, IMO number, IRCS or Registration number.
- **Name:** the name of the vessel.
- **Flag:** the vessel's flag.
- **Type:** the type of vessel.
- **Kind:** whether the vessel is a Fishing Vessel (FV) or Carrier Vessel (CV).
- **Gears:** the fishing gears used by the vessel.
- **Spec:** the vessel's technical specifications, including GT, Total volume (of fish holds), Length overall, GRT, and Carrying capacity (for Carrier Vessels). You can select an min and max value for the selected specification.
- **Range:** the range of operation of the vessel (EEZ, High seas or both).
- **Port:** the port of registration of the vessel
- **Contact:** the name of the vessel contacts, including: Operator, Operating Company, Beneficial Owner and Owner.

## STEP 2: Enter values for your search criteria

In each of the activated criteria field, you can enter the value(s) you want to search for.

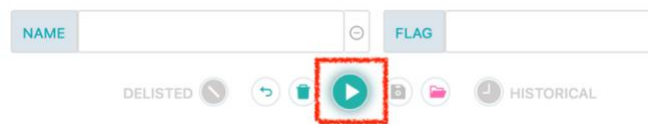
Some fields, such as Flag, offer you a list of values to select from. Click in the field to open the list of available values and select one. Repeat as needed to select multiple values. Click on the "-" icon to the right of a selected value to remove it.

Some fields, such as Name, allow you to enter free text. Type the text you want to search for, then hit Return to validate. Do it again to add multiple search strings. This is particularly useful if you want to search for, say, two vessel names that contain spaces:

Some fields, such as Spec(ifications) allow you to enter a range of values:

### STEP 3: Run your query

When you have composed your query by selecting criteria and entering values, you can run the query by clicking on the "Play" button:



The list of results matching your query will then be displayed.




Note that there are two modifiers that you can apply when running a query:



- Delisted: click this button to also search for vessels that are no longer listed in the RAV (e.g. their authorisation has been rescinded or has expired for more than 2 years, or they have been scrapped or deflagged...)
- Historical: click this button to also search for historical vessel records.

### Useful tips on queries

There are a number of useful features relevant to queries that can make your life easier:

-  Revert: click this button if you have made changes to your query but want to cancel them (works only until you run the query)
-  Reset: click this button to reset the query panel to its default state
-  Save and load query: see detailed explanation below.

### STEP 4: Consult the list of results

Once a query has been run, the list of results is displayed:

216 MATCHED VESSEL(S).




Identifier	Name	Flag State	IMO	Type	From	To
# IOTC017486	Marlu 6	Seychelles	8568230	Longliner	09/08/23	08/06/24
# IOTC018747	ALOKA	Seychelles	1017684	Longliner	31/05/23	30/05/24
# IOTC018243	Marlu 9	Seychelles	8589777	Longliner	21/06/23	20/06/24
# IOTC017645	Marlu 7	Seychelles	8568242	Longliner	03/06/23	02/06/24
# IOTC003782	San Carlos No. 3	Seychelles	8214786	Longliner	01/01/23	01/01/23
# IOTC018660	ANASTASIA	Seychelles	8436463	Longliner	10/05/23	09/05/24
# IOTC018659	CHARAN II	Seychelles	8435550	Longliner	05/08/23	05/07/24
# IOTC015391	HONG YANG 89	China	9666950	Longliner	25/04/23	24/04/28

In the top left, the number of results is displayed.

In the top right, the pagination bar allows you to quickly jump through pages of results (each page shows 100 vessels).



The table of results presents a number of columns (which you can customize, see below), with one row per vessel found matching your search criteria. The default layout includes: Identifier (IOTC#), Vessel Name, Flag State, IMO#, Vessel Type, Authorized From/to dates. Click on a vessel's Identifier to open the page showing all the details about the vessel.


You can sort the results by clicking on any column header where a  icon is displayed. Click once to sort on the column in ascending order (e.g. A to Z for text) and the icon will change to . Click again to sort in descending order (e.g. Z to A) and the icon will change to . Click again to cancel the sorting on this column.

Visual indication of specific states:

- In the (Authorized) "To" column, which shows the end date of a vessel's authorisation, a small orange icon is displayed if the authorization has expired:



- If a vessel has been delisted, i.e. they are not authorised anymore to fish in the IOTC area, (only included in search results if the "Include delisted" option has been activated), it will be visually identified with strikethrough text:

# IOTC008453	FUTAGAMI	Panama	9105293	Cargo freezer	29/01/23	29/01/24
# IOTC008442	RYOMA	Panama	9133305	Cargo-freezer	20/01/19	31/12/19 
# IOTC008449	BAO WIN	Panama		Cargo freezer	12/05/23	12/05/25

## Customizing the display of the list of results

### Columns









Apply ✓

Discard ↺

Select which columns you want to see in the table and/or drag-and-drop them to change their order.

Changes will persist for the length of this session, but you can also save them as the default for future sessions.

Select All  Deselect All 

 Identifier	<input checked="" type="checkbox"/>
 Name	<input checked="" type="checkbox"/>
 Flag State	<input checked="" type="checkbox"/>
 IMO	<input checked="" type="checkbox"/>
 Type	<input checked="" type="checkbox"/>
 From	<input checked="" type="checkbox"/>
 To	<input checked="" type="checkbox"/>
 IRCS	<input type="checkbox"/>

Some columns not shown for space reasons

 Operator	<input type="checkbox"/>
 Operating Company	<input type="checkbox"/>
 Beneficial Owner	<input type="checkbox"/>
 Owner	<input type="checkbox"/>

 Reset to Defaults



 Save as preference

If you want to change the columns displayed in the list of results and the order in which they appear, simply click the Columns button

< 1 2 3 > Columns 

. This opens the Columns drawer, showing the list of available data fields.

- Toggle a field on to show it in the list of results, or toggle it off to hide it.
- Click on Select all or deselect all to do what it says.
- Click on a field name and drop it where you want to reorder the column layout

 Port	<input type="checkbox"/>
 Gears	<input type="checkbox"/>

- Click the Apply button to apply your changes.
- Click the Discard button to cancel your changes.
- Once you have applied changes, you can click on the Save as preference button to make this column layout permanent when you run queries.

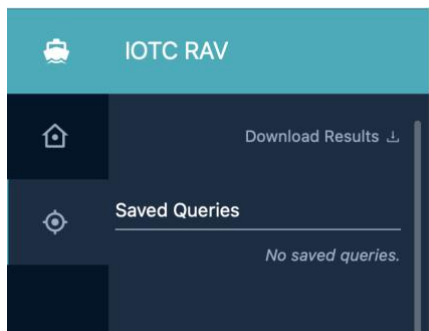
 Save as preference

- If you have saved a layout as preference, click the Reset to defaults button to go back to the standard layout.

You can download the list of results as an Excel file: open the sidebar by clicking on the ">" icon in the bottom left:



Then click the "Download results" button at the top:



The Download results drawer will be displayed:

 Download Results



*Download search results as an Excel file.  
Select results from one, some, or all pages, up to 2000 at a time.*

- ☒ Download all results
- ☐ Download current page
- ☐ Download page range

*Many record properties can be represented with codes or the corresponding names.  
Choose to include codes or names in the file.*

- ☒ Include codes
- ☐ Include full names

Download Results Now

Options include:

- Downloading a range of results: if there are less than 2000 results, you can download all of them; if there are more than 2000, you must narrow the range.
- Include codes or Include full names: whether the file will include the codes (e.g. "LL" for a longliner) or names (e.g. "Longliner" for a longliner).

Then click the "Download results now" button to download the Excel file.

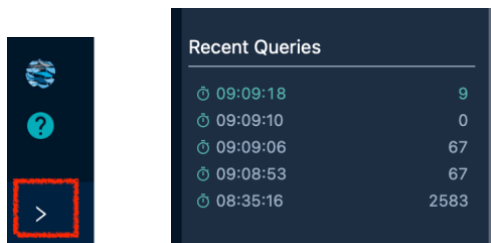
## Replaying queries

The e-RAV offers a way for you to run the same query at a later date, through the Save & Load and Recent Queries features.

## Recent Queries

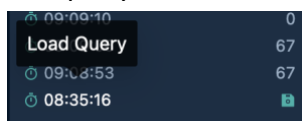
Whenever you run a query, the system records it and stores it in the Recent Queries.

The Recent Queries are accessed in the sidebar, that you can open by clicking on the ">" icon in the bottom left:



The list of Recent Queries shows the Date and time of the query (only time for the current day) as well as the number of result founds at that time.

Simply click on the query Date/time to load it in the Query panel, where you can then replay the query.

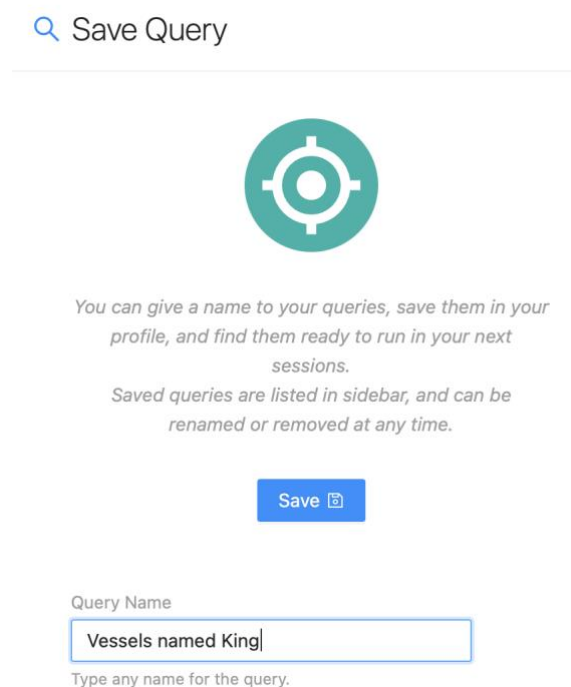


Note that a "Save" icon replaces the number of results when you mouse over a recent query: click this icon to save the recent query (see below).

## Save & load queries

When you have built a query, you can save it with a meaningful name for later replay. This can be useful if you run the same query on a regular basis, for example to track the number of a certain vessel type of a specific LOA range authorized by a certain flag. Instead of rebuilding the query each time you want to run it, simply save and load it.

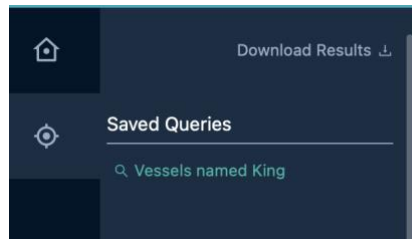
Click the Save icon in the Query panel  and the Save query drawer will appear:

A screenshot of the 'Save Query' drawer. At the top, it says 'Save Query' with a magnifying glass icon. Below this is a large teal circular icon with a white target symbol. Underneath the icon, there is explanatory text: 'You can give a name to your queries, save them in your profile, and find them ready to run in your next sessions.' and 'Saved queries are listed in sidebar, and can be renamed or removed at any time.' Below the text is a blue 'Save' button with a small icon. At the bottom, there is a 'Query Name' label and a text input field containing 'Vessels named King'. Below the input field, it says 'Type any name for the query.'

Enter a name for your saved query and click the Save button. Your query is now saved.

If you want to load a saved query, simply click the Load button  or open the sidebar.

Your saved queries are located at the top:



Simply click on the name of the query you want to replay to load it in the query panel.

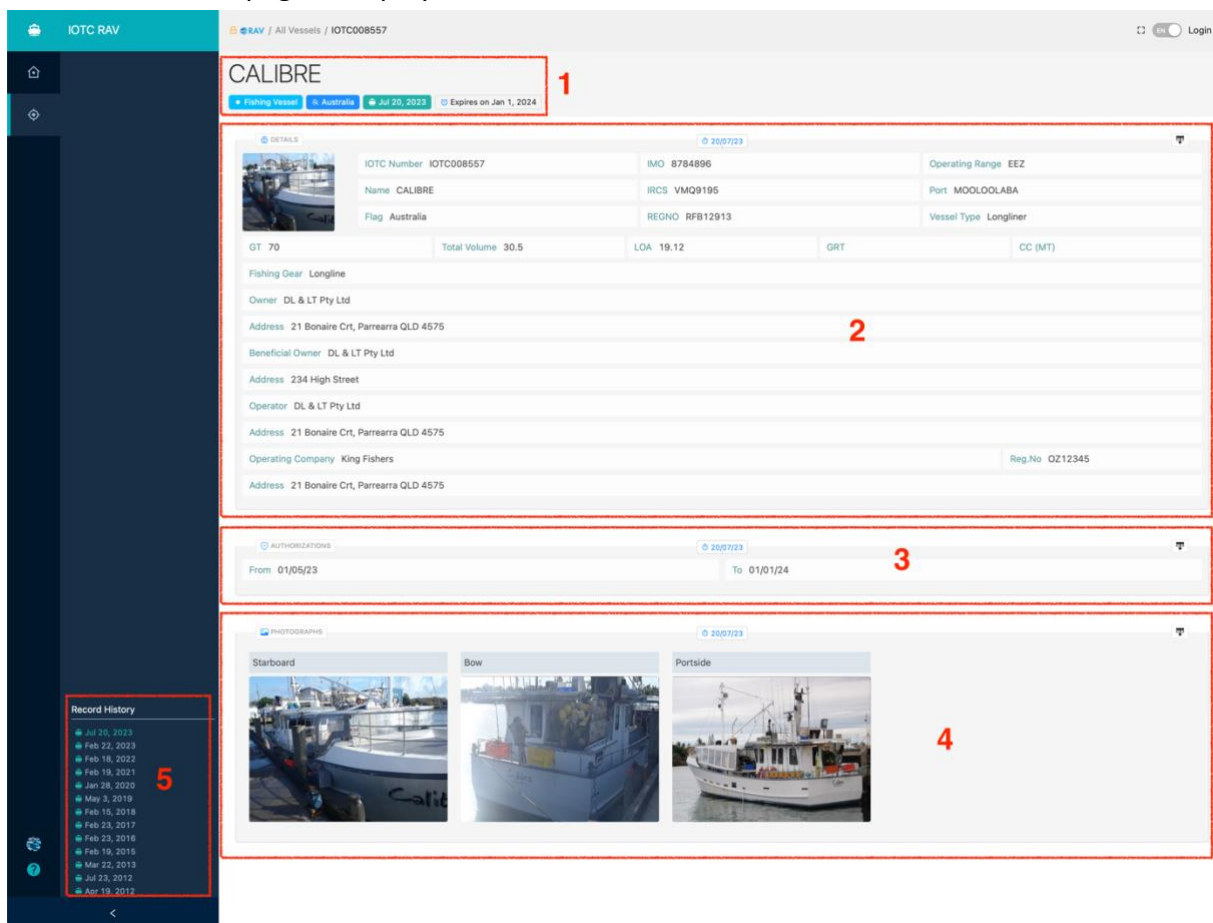
When you load a saved (or recent) query, it will fully restore any criteria and values selected when you saved it.

## Information about a vessel

To consult a vessel's information, follow these simple steps:

- STEP 1: Build a query**
- STEP 2: Run the query**
- STEP 3: Find the vessel in the list of results**
- STEP 4: Click on the vessel's Identifier to open the vessel**

The Vessel details page is displayed.



**1** Header: CALIBRE, Fishing Vessel, Australia, Jul 20, 2023, Expires on Jan 1, 2024

**2** Details:

IOTC Number	IOTC008557	IMO	8784896	Operating Range	EEZ
Name	CALIBRE	IRCS	VMQ9195	Port	MOOLOOLABA
Flag	Australia	REGNO	RFB12913	Vessel Type	Longliner
GT	70	Total Volume	30.5	LOA	19.12
GRT		CC (MT)			
Fishing Gear	Longline				
Owner	DL & LT Pty Ltd				
Address	21 Bonaire Crt, Parrearra QLD 4575				
Beneficial Owner	DL & LT Pty Ltd				
Address	234 High Street				
Operator	DL & LT Pty Ltd				
Address	21 Bonaire Crt, Parrearra QLD 4575				
Operating Company	King Fishers			Reg. No.	OZ12345
Address	21 Bonaire Crt, Parrearra QLD 4575				

**3** Authorizations: From: 01/05/23, To: 01/01/24

**4** Photographs: Starboard, Bow, Portside

**5** Record History:

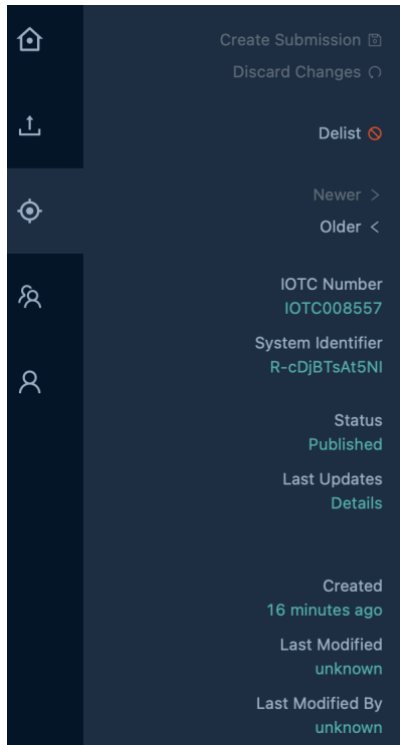
- Jul 20, 2023
- Feb 22, 2023
- Feb 18, 2022
- Feb 19, 2021
- Jan 28, 2020
- May 3, 2019
- Feb 15, 2018
- Feb 23, 2017
- Feb 23, 2016
- Feb 19, 2015
- Mar 22, 2013
- Jul 23, 2012
- Apr 19, 2012

This page is composed of the following sections, showing the **current information** available about this vessel:

1. **Header:** the Vessel Name, along with several "pills" indicating:

- a. The Record Kind: Fishing Vessel or Carrier Vessel
  - b. The Vessel Flag
  - c. The date when the vessel was last updated
  - d. The date on which the vessel's authorisation expires: this will change appearance when the authorisation has expired.
2. **Details:** details about the vessel's identity, specifications, ownership etc
3. **Authorizations:** start and end date of the vessel's current authorisation
4. **Photographs:** the three photographs of the vessel (starboard, bow and port); you can mouse over a photograph to enlarge it or download it.
5. **Record history:** a list of all historical records for this vessel (see below).

Note: if you are signed in to the e-RAV with your user account, the Vessel Details page will offer an extra section in the sidebar:

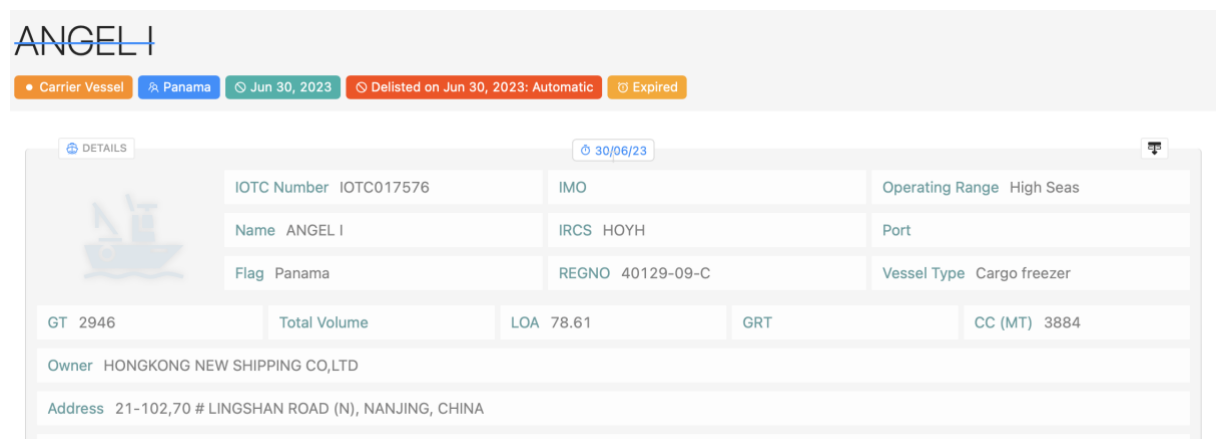


Upper part: offers a number of actions that you can perform, depending on your permissions. See the manual on Updating vessel records for more details.

Middle and lower part: metadata about this vessel, such as the record status, when it was created, updated and by whom.

## Delisted vessels

Vessels which have been delisted from the RAV (i.e. they are not authorised anymore to fish in the IOTC area) are displayed in a specific way:



- Their name is displayed with a strikethrough.

- A "Delisted" red pill is displayed, showing the date and reason of delisting (click on it for more details):
  - Automatic: the vessel was automatically delisted because its authorisation had expired more than 2 years ago (in the case of historical vessels that did not have an end of authorisation date, expired means their "Authorized from" date was more than 2 years in the past);
  - No longer authorised: the Flag State has revoked this vessel's authorisation in the IOTC area;
  - Deflagged: the Flag State has declared that this vessel no longer fly its flag.
  - Scrapped: the Flag State has declared that this vessel has been destroyed (scrapped, sunk etc.)

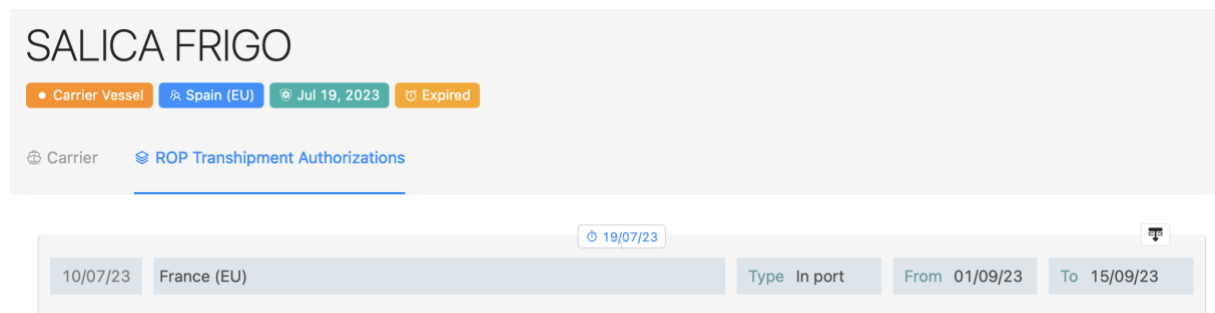
### Carrier Vessel Transshipment authorisations under the ROP

If you are signed in to the e-RAV, you can also consult information reported about Carrier Vessel Transshipment authorisations under the ROP. This shows, for a given carrier vessels, which fishing Flag State have authorised their flagged fishing vessels to tranship with that carrier, and during what period(s).

Find a Carrier Vessel and open it. It's Information page now offers two tabs:



- Carrier: this is where the usual information about the vessel is presented.
- ROP Transshipment Authorizations: this is where all the authorisations given by Fishing Flag States are compiled.



In the example above you can see that France is currently the only Flag State authorising its fishing vessels to tranship (in port, between 01/09 and 15/09/2023).

Opening the History shows the previous, now expired, authorisations:

Carrier ROP Transhipment Authorizations				
19/07/23				
10/07/23	France (EU)	Type In port	From 01/09/23	To 15/09/23
19/07/23				
19/07/23	Australia	Type At sea	From 24/07/23	To 12/08/23
10/07/23	France (EU)	Type In port	From 01/09/23	To 15/09/23
19/07/23				
10/07/23	France (EU)	Type In port	From 01/09/23	To 15/09/23
19/07/23				
19/07/23	Australia	Type At sea	From 24/07/23	To 12/08/23
10/07/23	France (EU)	Type In port	From 01/09/23	To 15/09/23
10/07/23				
10/07/23	France (EU)	Type In port	From 01/09/23	To 15/09/23

Note here that the previous authorisation by Australia (24/07-12/08/2023) should be valid but is not shown as current because it was revoked by Australia.

## The Vessel History

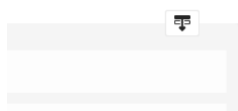
Anytime a vessel's information (details, authorisations, photos) is updated by the Flag State, a historical record is created with the previous information.

You can consult all the previous historical information about a vessel by browsing its History. There are two ways for this:

### Previous versions

This allows you to see the previous versions of information in each of the vessel's sections.

Click on the "History" button next to each section (Details, Authorizations and Photographs) of the vessel information to open the history for that particular section:

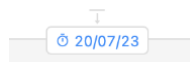


And the list of historical versions of that section will be displayed:



DETAILS

In the middle of each "card" the date when that information was updated is presented:



And any differences between a version and the previous one will be highlighted, allowing you to quickly identify what changed (in the example below, the name of the vessel):

IOTC Number	IOTC008557
Name	CALIBRE
Flag	Australia

The currently selected historical version of the vessel (if any) is marked by a thick left border.

Click again on the History button to close the history and go back to the current version.

## Historical snapshots

This allows you to see Details, Authorizations and Photographs as they were at a given point in time in the life of the vessel.

You can access this feature in two ways:

- By clicking on any "card" (details, authorisations, photographs) in the vessel's history.
- By clicking on any entry in the Record History timeline in the sidebar:

Record History	
	Jul 20, 2023 (CALIBRE)
	Jul 20, 2023 (CALIBRE 3)
	Jul 20, 2023
	Feb 22, 2023
	Feb 18, 2022
	Feb 19, 2021
	Jan 28, 2020
	May 3, 2019
	Feb 15, 2018
	Feb 23, 2017
	Feb 23, 2016
	Feb 19, 2015
	Mar 22. 2013

For example clicking on Jan 28, 2020 opens the vessel as it was at that date:

CALIBRE


Fishing Vessel

Australia

Jan 28, 2020

Expired

DETAILS



IOTC Number IOTC008557

IMO 8784896

Name CALIBRE

IRCS VMQ9195

Flag Australia

REGNO RFB12913

GT 70

Total Volume

LOA 19.12

Fishing Gear Longline

Owner DL & LT Pty Ltd

Address 21 Bonaire Crt, Parrearra QLD 4575

Beneficial Owner

Address

Operator DL & LT Pty Ltd

Address 21 Bonaire Crt, Parrearra QLD 4575

Operating Company

Address

AUTHORIZATIONS

From 01/01/20

To 31/12/20

PHOTOGRAPHS

Portside

If you then open the history of a card (Details, Authorizations, Photographs), the currently selected historical version of the vessel (if any) is marked by a thick left border.