



IAATO LIVE SHIP SCHEDULER GUIDE v2.1

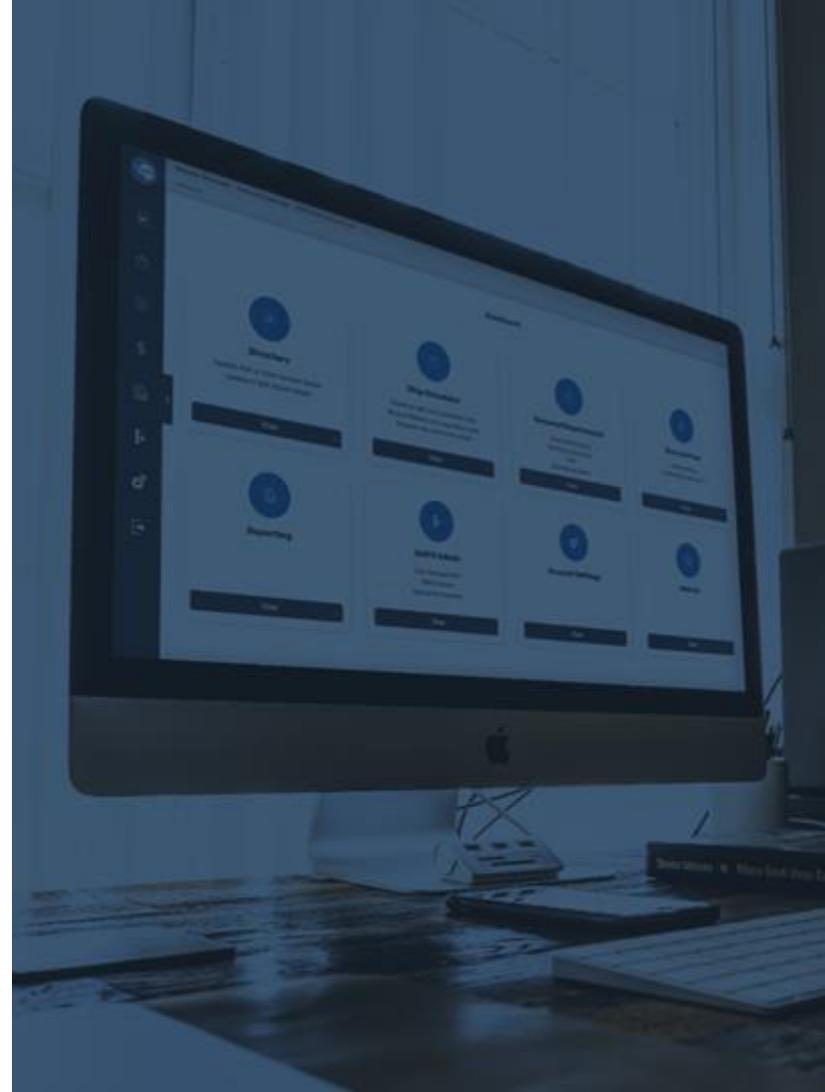
General User



IAATO LIVE SHIP SCHEDULER GUIDE

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Login Screen

To gain access to the **IAATO Live Ship Scheduler** the user will need to enter their username and password for an account with Ship Scheduler access.

The live map can be accessed at:
<https://liveshipscheduler.iaato.org>

In order to use the live map the user must select a vessel and enter the corresponding **PIN number**.

The screenshot shows the login interface for the IAATO Live Ship Scheduler. At the top, there are navigation links: "Return to IAATO website" and "Member Login". The main heading is "Login". Below this, there are two input fields: "Username" and "Password". To the right of the password field are two links: "Forgot your password?" and "Resend activation email?". Below these links is a checkbox labeled "Remember My Login". At the bottom center is a dark blue "Login" button with a right-pointing arrow. The footer contains the website address "WWW.IAATO.ORG" and links for "Terms and Conditions" and "Privacy Policy".



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Live Map

Right Navigation Menu

The Ship Scheduler Live Map has two navigation menus. The menu on the top right is used to interact in real-time with what is being displayed on the map.

From the drop down, the user can toggle on and off which sites they would like to be displayed (my booked sites, available, and unavailable). The users own booked sites are displayed with a yellow triangle icon. Available sites are displayed with a green circle icon, and unavailable sites are displayed with a red hexagon icon. The user can also filter by date and timeslot, as well as by site regions. There is also a search function.

Vessels are displayed with a black vessel icon, the users own vessel is highlighted with a white circle.

If the user clicks on a Vessel they can see additional information about the Vessel including contact information

The user can choose to show only their vessel, or show all vessels on the map.

Protected areas are displayed with a red triangle shape.

These can be toggled on and off in the drop down menu.

The user can click on the voyage number drop down to view information about the selected voyage, and change voyages.

The screenshot displays the IAATO Live Ship Scheduler interface. On the left is a vertical navigation menu with icons for location, globe, notifications, mail, chat, back, and forward. The main area is a map of Antarctica with several site markers: a red hexagon (unavailable), a yellow triangle (booked), and green circles (available). A black vessel icon is also visible. On the right is a control panel with the following sections:

- Status:** Connected, Voyage Number: GIA01NOV2023, Filter Date: 01 Nov 2023
- Useful Tip:** Use the below options to filter the availability. Click the marker on the map to book.
- Sites & Regions:** My Booked Sites (checked), Available (checked), Unavailable (checked), Regions (checked)
- Filter by date:** 01 Nov 2023
- Filter by timeslots:** Select a timeslot
- Filter by site regions:** Select a site region
- Find site:** Select or search for a site
- Vessels:** All (checked), My Vessel (checked)
- Protected Areas:** Show (checked)
- Voyage Overview:** Show (checked)

At the bottom right, there is a zoom control for the map with a 'Reset Zoom' button and a 'Show' button. The text 'ANTARCTICA' is visible above the zoom controls. At the very bottom right, there is a small footer with 'Keyboard shortcuts Map data ©2023 Terms'.



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Live Map

Search

You can search the list of sites via the text input box at the top of the Site list. The search is a real-time search and will filter out sites that don't match your text input as you type.

Once you have selected a site, the map will pan to the site and the site booking window will open.

To clear the search once you have selected a site or typed one in you can click the X on the right hand side of the text input, or click "Clear" at the bottom of the sites list.

If you have also filtered by a site region the list of sites will be filtered by those included in the selected site region only.

The screenshot displays the IAATO Live Ship Scheduler interface. On the left, a vertical sidebar contains navigation icons: a location pin, a globe, a bell, an envelope, a speech bubble, a back arrow, and a forward arrow. The main area is a map of the Arctic region, showing various sites marked with numbered icons (e.g., 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100). The map is overlaid with a grid and a compass. On the right, a dark-themed filter panel is visible, containing the following sections:

- Last updated:** 16:20
- Status:** Connected
- GlaOne**
- Voyage Number:** GIA01NOV2023
- Filter Date:** 01 Nov 2023
- No other active filters**

Useful Tip
Use the below options to filter the availability. Click the marker on the map to book.

Sites & Regions

- My Booked Sites
- Available
- Unavailable
- Regions

Filter by date: 01 Nov 2023

Filter by timeslots: Select a timeslot

Filter by site regions: Select a site region

Find site: Select or search for a site

Vessels

- All
- My Vessel

Protected Areas

- Show

Voyage Overview
Voyage overview will show all site visits during your currently active voyage. All other filters will be disabled.

- Show

Reset Zoom

Keyboard shortcuts | Map data ©2023 | Terms



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Live Map

Entire Voyage Overview

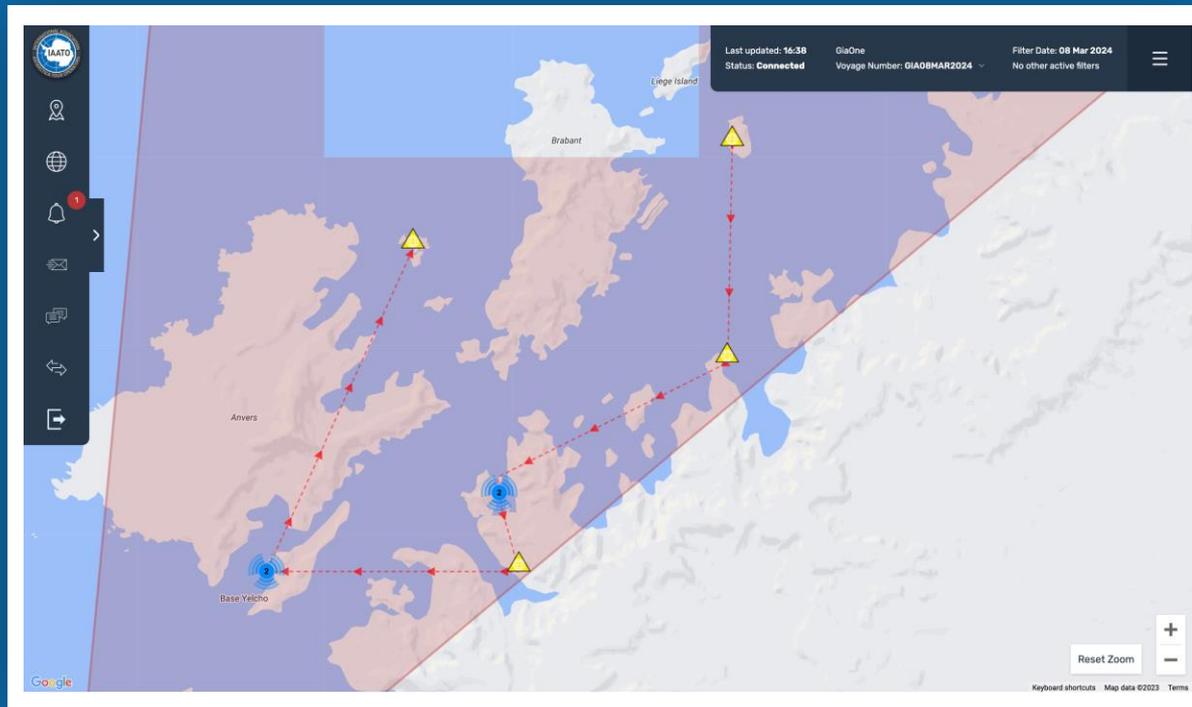
At the bottom of the right navigation menu, the user can access the Voyage Overview feature.

This feature allows the user to toggle on the voyage overview mode to see all bookings for the selected voyage.

The site bookings will appear on the screen with a red dotted line that links the bookings in order of date.

If the user hovers their mouse over the site booking, they will be able to see the site name and booking date/ time.

Site bookings can be released from the viewing mode, but any other schedule changes will need to be made with the voyage overview toggled off.





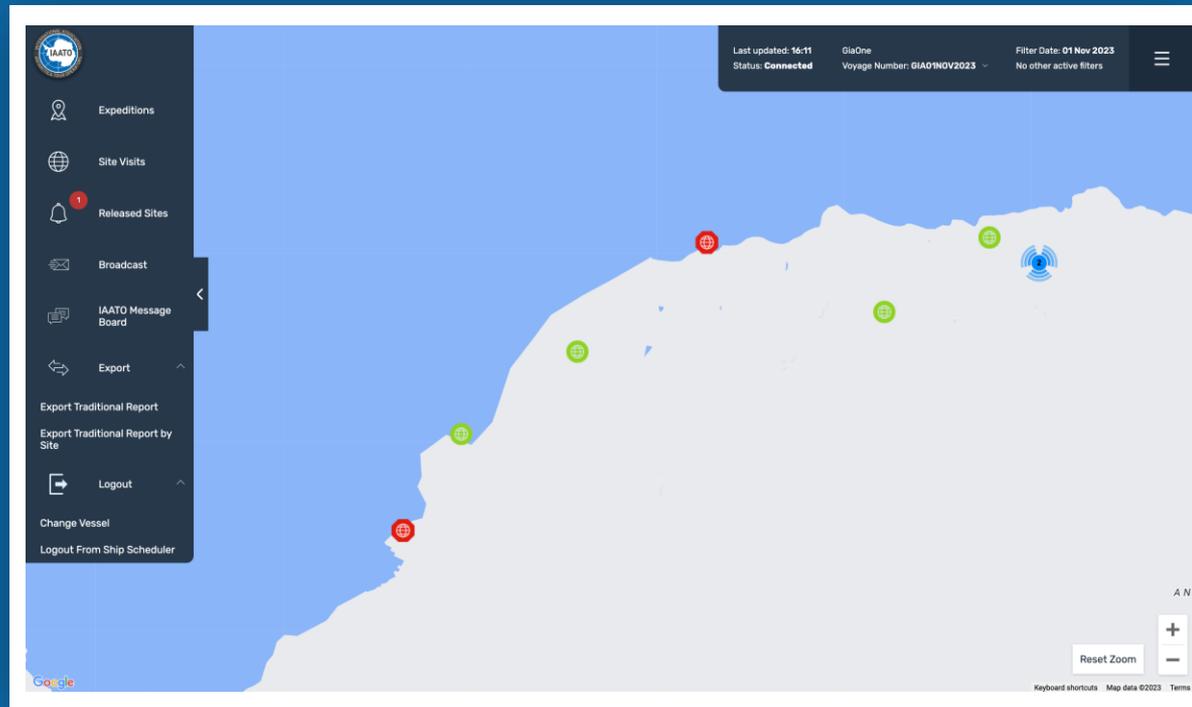
IAATO LIVE SHIP SCHEDULER GUIDE

Live Map

Left Navigation Menu

The left navigation gives the user access to the Expeditions list to view all expeditions for the season, Site Visits list to see all bookings for the selected voyage, and export the traditional report.

Additionally, the user can see all site releases during the active session and view and send messages to the fleet. These two features are highlighted in the next few slides.





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Live Map

Site Groupings

On the Live map, some sites will now appear as grouped together with a blue icon and number of sites in the grouping.. As the user zooms in, sites will start to separate.

This new functionality allows users to know when there are sites close together so they are able to book them. For example, Goudier Island and Jougla Point are very close together and on certain map views they appear as one site. Now they will be grouped with a blue icon. If you click on the blue icon, it will zoom in so both sites are visible.

To zoom back out to view the entire map, click on 'Reset Zoom' in the bottom right corner of the map.

NEW

The screenshot displays the IAATO Live Ship Scheduler interface. On the left is a navigation sidebar with the IAATO logo and menu items: Expeditions, Site Visits, Released Sites, Broadcast, IAATO Message Board, Export, and Logout. The main area is a map of Antarctica with numerous blue circular icons representing site groupings, each with a number inside. Some icons are zoomed in, showing individual sites. Labels on the map include 'Vinson Massif', 'General Bernardo O'Higgins Base', 'Base Marambio', and 'Adelphi'. A top status bar shows 'Last updated: 15:58', 'Status: Connected', 'GlaOne', 'Voyage Number: GIA01NOV2023', and 'Filter Date: 01 Nov 2023'. A 'Reset Zoom' button is located in the bottom right corner of the map area.



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Live Map

Bookings

The user can click on a site to see more information about the site including which time slots are available, the site coordinates, site feature, and site region. Unavailable time slots will be greyed out with the booked vessel listed underneath.

To book a site, the user can click on a time slot, then select whether the visit will be Landed or Non Landed, then select 'Book Site Visit'. If booking two consecutive time slots, check Non-Landed for the second time slot.

To release a site, open the site booking window, and click 'Release' under the time slot.

The screenshot displays the IAATO Live Ship Scheduler interface. On the left is a dark navigation sidebar with icons and labels for Expeditions, Site Visits, Released Sites, Broadcast, IAATO Message Board, Export, and Logout. The main area is a map showing a blue landmass with a green location pin on the coast. A white modal window titled 'Bay of Whales' is open, displaying site details: 'Available' status, coordinates (Latitude: -78.50, Longitude: -164.33), and site features (Bay, Site Region, Continent). Below this, a section titled 'Time Slots Available (01 Nov 2023)' shows five time slots: 04:01 - 07:30 (selected with a black dot), 07:31 - 13:00, 13:01 - 18:30, 18:31 - 22:00, and 22:01 - 04:00. A 'Landed?' section has 'Yes' checked and 'No' unchecked. At the bottom of the modal are 'Cancel' and 'Book Site Visit' buttons. The top right of the interface shows system information: 'Last updated: 15:58', 'Status: Connected', 'GlaOne', 'Voyage Number: GIA01NOV2023', 'Filter Date: 01 Nov 2023', and 'No other active filters'. The bottom right corner includes a 'Reset Zoom' button and a 'Keyboard shortcuts' link.



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Booking Peer Sites

When booking a site, if the site has a peer site, the user will be alerted in the booking window and asked if they would like to book the peer site as well. The user can select Yes or No, and then select if the booking is landed or non-landed before finalizing the site booking.

When releasing a booking of peer sites, each site will need to be released individually.

The screenshot displays the IAATO Live Ship Scheduler interface. A dark sidebar on the left contains navigation options: Expeditions, Site Visits, Released Sites, Broadcast, IAATO Message Board, Export, and Logout. The main area shows a booking window for 'Goudier Island' with the following details:

- Status: Available
- Latitude (DEC): -64.83 Longitude (DEC): -63.50
- Site Feature: Island Site Region: Peninsula
- Time Slots Available (01 Nov 2023): 04:01 - 07:30, 07:31 - 13:00, 13:01 - 18:30, 18:31 - 22:00, 22:01 - 04:00
- Landed? Yes No
- Message: Goudier Island has 1 peer site. Select the peer site you would also like to book from below.
- Peer Site: Jougla Point Yes No
- Buttons: Cancel, Book Site Visit

The top right of the interface shows system information: Last updated: 15:58, Status: Connected, Voyage Number: GIA01NOV2023, Filter Date: 01 Nov 2023. The bottom right corner includes a 'Reset Zoom' button and a 'Keyboard shortcuts' link.



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Book & Release

When booking a new site, if the user already has a site booking on the same day in the same time slot, a message will appear in the booking window that alerts the user that they have an existing booking. If the user wishes to release the existing booking to book the new site, the user can select 'Yes' and 'Book & Release'.

If they decide not to make the change, the user would select No and Cancel.

If the original booking was two peer sites, the system will release both bookings to book the new site.

The screenshot displays the IAATO Live Ship Scheduler interface. A modal window is open for 'Alexander Island' with the following details:

- Available** (indicated by a green dot)
- Alexander Island**
- Latitude (DEC): -71.00 Longitude (DEC): -70.00
- Site Feature: Island Site Region: Peninsula
- Time Slots Available (01 Nov 2023)**
- Time slots: 04:01 - 07:30, 07:31 - 13:00, 13:01 - 18:30, 18:31 - 22:00, 22:01 - 04:00. The 22:01 - 04:00 slot is selected.
- Landed?** Yes No
- Conflict Message:** ALEXANDER ISLAND: Your vessel already has a booking for selected date and timeslot(s).
- Resolution Prompt:** You have 1 or more conflicting bookings for the selected time slots. Would you like to release the bookings for Bear Peninsula at 22:01? Yes No
- Buttons:** Cancel, Book and Release

The interface also shows a sidebar with navigation options: Expeditions, Site Visits, Released Sites, Broadcast, IAATO Message Board, Export, and Logout. The top right corner displays: Last updated: 15:58, Status: Connected, Vessel: G1aOne, Voyage Number: G1A01NOV2023, Filter Date: 01 Nov 2023, and No other active filters. The bottom right corner includes a 'Reset Zoom' button and a 'Keyboard shortcuts | Map data ©2023 | Terms' link.



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Live Map

Region Booking Window

The booking window for regions will now display all vessels that are booked on that day so other vessels will know which vessels plan to be on the area.

NEW

The screenshot displays the IAATO Live Ship Scheduler interface. On the left is a dark sidebar with navigation options: Expeditions, Site Visits, Released Sites, Broadcast, IAATO Message Board, Export, and Logout. The main area is a light purple map. A modal window titled "Region: Lemaire Channel" is open, showing booking details for 01 Nov 2023. The modal includes a "Booked" status, coordinates, site features, and existing region visits. At the bottom of the modal are "Cancel" and "Release Region Visit" buttons. The top right of the interface shows system information: Last updated: 15:58, Status: Connected, Voyage Number: GIA01NOV2023, Filter Date: 01 Nov 2023, and No other active filters. A "Reset Zoom" button is visible in the bottom right corner of the map area.

IAATO

Expeditions

Site Visits

Released Sites

Broadcast

IAATO Message Board

Export

Logout

Last updated: 15:58
Status: **Connected**

GiaOne
Voyage Number: GIA01NOV2023

Filter Date: 01 Nov 2023
No other active filters

Booked

Region: Lemaire Channel

Latitude (DEC): -65.07 Longitude (DEC): -63.95
Site Feature: Channel Site Region: Peninsula

01 Nov 2023

Existing Region Visits
Giangaris: GiaOne

Cancel Release Region Visit

Reset Zoom

Keyboard shortcuts Map data ©2023 Terms



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Live Map

Release Notifications

Release Notifications show all vessel releases in real time and a backlog of releases for the previous 24 hours.

The release notifications are displayed in the Live Ship Scheduler with a bell icon in the left navigation menu. The bell will display a red number upon logging in showing all releases that have been made since the last login within the last 24 hours.

When you click on the bell, a pop up window will appear showing the Site Name, the release date, the date of the site visit, the time slot, and if the visit was landed or non-landed.

During your session, if a release in the release window gets booked, a red "Rebooked" sign will show to the left of the site name. This site release line will disappear from the release notifications window upon your next login.

Released sites can be booked directly from the Release Notifications window. Click on the site name of a released site to be brought to the site's booking window. The map will filter to the date of the release. Select a timeslot and book.

The screenshot shows the IAATO Live Ship Scheduler interface. A dark sidebar on the left contains navigation options: Expeditions, Site Visits, Released Sites (highlighted), Broadcast, IAATO Message Board, Export, and Logout. The main area is a map of Antarctica with several site markers. A 'Released Sites' pop-up window is open, displaying a table of released sites. The table has the following data:

Site Name	Released On	Visit Date	Time Slot	Landed Visit
Marion Island	20 Sep 2023 15:58	01 Nov 2023	04:01-07:30	No
Rebooked Weddell Sea	20 Sep 2023 15:57	01 Nov 2023	04:01-07:30	No
Splettstoesser Glacier	20 Sep 2023 08:54	19 Oct 2023	04:01-07:30	Yes
Horseshoe Island	20 Sep 2023 08:54	17 Oct 2023	07:31-13:00	Yes

The interface also shows a top status bar with 'Last updated: 15:58', 'Status: Connected', 'GlaOne', 'Voyage Number: GIA09NOV2023', and 'Filter Date: 01 Nov 2023'. A 'Reset Zoom' button is visible in the bottom right corner of the map area.



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Live Map

Email Button

The Broadcast Message button allows the user to send a message to the entire fleet or to a select group of stakeholders.

Click on the envelope icon in the left navigation menu to open the message form. Select a group to send it to, fill in the subject and body of the message and add an attachment if applicable, then click Send.

The message will get sent to the group via email as well as a copy to the user who sent the message.

The screenshot displays the IAATO Live Ship Scheduler interface. A 'Broadcast Message' modal form is open over a map of Antarctica. The form includes the following fields and options:

- To:** A dropdown menu labeled 'Select distribution group'.
- Subject:** A text input field.
- Message:** A rich text editor with a font size dropdown set to '12pt' and formatting options for Bold (B), Italic (I), Underline (U), Text Color (A), and Link (I).
- Attachments:** A text input field labeled 'Select a file'.
- Buttons:** 'Cancel' and 'Send' buttons at the bottom of the form.

The background interface shows a map of Antarctica with several green location markers. A right-hand sidebar contains filters for 'Filter by timeslots' and 'Find site'. The top of the interface displays 'Last updated: 09:58', 'GlaOne', and 'Filter Date: 01 Nov 2023'. The bottom right corner includes a 'Reset Zoom' button and a 'Keyboard shortcuts' link.



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Live Map

IAATO Broadcasts

The IAATO Broadcasts section, which can be accessed by the two messages icon in the left navigation menu, will show a list of messages directly from IAATO with important information. All vessels on the distribution list will receive these messages via email, but they will also be pinned here so that they can be easily found throughout the season.

The screenshot displays the IAATO Live Ship Scheduler interface. On the left, a vertical navigation menu includes icons for location, globe, messages (with a red notification badge), and other functions. The main area features a map of the South Atlantic region, showing several blue circular markers representing vessels. A dark overlay window titled "IAATO Message Board" is open, displaying a list of messages. The top message is "December Ship Schedule" dated 20 Sep 2023 at 14:18. Below it is a "Test" message dated 10 Aug 2023 at 10:38. The selected message, "December Ship Schedule", shows the sender as "IAATO Ship Scheduler" and includes an attached file named "December Ship Schedule.jpg". The message content states: "December 2023 Ship Schedule is attached." The interface also shows a "Reset Zoom" button and a Google logo at the bottom left.



IAATO LIVE SHIP SCHEDULER GUIDE

Live Map

Traditional Report

The Traditional report, an excel document that shows the entire season's scheduled site visits, can be exported through the left navigation menu.

There are two options:

Traditional Report- This will show site bookings organized by date and vessel.

Traditional Report by Site - This will show site bookings organized by date and Site.

In the left navigation menu, select 'Export', then select the desired report.

The screenshot displays the IAATO Live Ship Scheduler interface. On the left, a dark navigation menu contains the following items: Expeditions, Site Visits, Released Sites (with a red notification badge), Broadcast, IAATO Message Board, Export (with a dropdown arrow), Export Traditional Report, Export Traditional Report by Site, and Logout. The main area is a map of the Antarctic region, showing the continent and surrounding waters. Numerous blue circular markers with numbers (e.g., 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100) are scattered across the map, representing scheduled site visits. A yellow triangle marker is also visible. A modal window titled 'Export Traditional Report' is open in the center, with a close button (X) in the top right corner. It contains two buttons: 'Cancel' and 'Export'. The top status bar shows 'Last updated: 15:18', 'Status: Connected', 'GlaOne', 'Voyage Number: GIA01NOV2023', and 'Filter Date: 01 Nov 2023'. The bottom right corner of the map shows 'Reset Zoom' and 'Keyboard shortcuts: Map data ©2023 Google, INEGI Terms'.



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Live Map

Monitoring Your Connection

The user is able to monitor your connection using the status bar at the top right.

If the user has a current connection to the system this will display "Status: Connected." Behind the scenes, the system will be constantly checking for any updates e.g. vessel location change. When it detects or receives an update, it will update the "Last Update" time.

If the user loses this connection, most likely due to a drop in a network connection, this will display as 'Disconnected'.

If a booking attempt or release attempt is made when the user is disconnected this will be added to a queue and the user will be notified of this.

Once a connection is re-established this queue will be processed and the user will be notified of any success or error messages from their initial requests in the top left hand corner.

The screenshot displays the IAATO Live Ship Scheduler interface. At the top left, there is a red notification banner with an exclamation mark icon and the text: "No network connection available. Your booking request for Stancomb Wills Rookery will be added to a queue and sent when a network connection is established." In the top right corner, a status bar shows: "Last updated: 14:27", "Status: Connected", "Voyage Number: GIA17OCT2023", and "Filter Date: 17 Oct 2023". A central modal window titled "Stancomb Wills Rookery" is open, displaying "Available" status, coordinates (Latitude (DEC): -74.08, Longitude (DEC): -22.96), and "Site Feature: Rookery Site Region: Continent". Below this, "Time Slots Available (17 Oct 2023)" are listed as five radio buttons: 04:01 - 07:30, 07:31 - 13:00, 13:01 - 18:30, 18:31 - 22:00, and 22:01 - 04:00. A red error banner at the bottom of the modal reads "STANCOMB WILLS ROOKERY: Network Error". At the bottom of the modal are "Cancel" and "Book Site Visit" buttons. The background is a map with a green location pin and a red error icon. A "Reset Zoom" button is visible in the bottom right corner of the map area.



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General User