



SIRE 2.0 – Instructions for Uploading Photographs to the Photograph Repository

Version 1.0

April 2022



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Document Control

Doc Version	Date	Change
1.0	07 April 2022	Initial release

Project Background

OCIMF established the Ship Inspection Report (SIRE) Programme in 1993 and it has developed and grown in scope since then. In 2022 the programme was renamed SIRE 2.0 after a complete revision of the inspection process. This included requiring the vessel operator to upload standardised vessel photographs applicable to the inspection process from a defined list. The photographs are made available to the assigned inspector through the inspection software prior to boarding and during the inspection.

Benefits

The photographs are used for condition verification by the inspector during the inspection and inserted in the final report for the information of the report recipient.

The photographs will allow the reader of the final report to assess the physical and cosmetic condition of the vessel being inspected rather than the inspector attempting to make a subjective evaluation of condition during the inspection.

SIRE 2.0 Vessel Operator Input

SIRE Vessel Operators provide key data into the SIRE 2.0 Inspection process.

Vessel Operator supplied data must be entered before a SIRE 2.0 Inspection can take place, and the Vessel Operator must declare that all entered information is accurate and is up to date.

Each of the four Vessel Operator supplied data entry areas are ‘living repositories’ of information that the Vessel Operator can update at any time, a snapshot of the data is taken for use within the SIRE 2.0 Inspection at the point the Vessel Operator makes their pre-inspection declaration.

The four areas are:

- Vessel Photograph Repository
- Vessel Certificate Repository
- Vessel Particulars (HVPQ)
- Vessel Pre-Inspection Questionnaire (PIQ)

SIRE 2.0 Vessel Photographs

Vessel Operators are required to upload a specific set of 36 or 42 standardised vessel photographs to the OCIMF Vessel Photograph Repository to participate within the SIRE 2.0 Programme, the photographs are then verified by the inspector during the SIRE 2.0 Inspection.

The photographs provided should be representative of the general condition of all similar areas. If the area shown in the photograph has been upgraded while the remaining similar areas have not, then the photograph cannot be considered to be representative of the general condition. Vessel operators and crews should not selectively upgrade areas of a vessel to permit unrepresentative photographs to be taken and uploaded.

Where a vessel is fitted with duplicated equipment, for example main engines, boilers or generators, a representative photograph of just one item of equipment should be uploaded.

Where a vessel is not outfitted with the equipment identified in a standard photograph, the vessel operator should follow the Vessel Photograph Unavailable instructions below which will result in the appropriate photograph question being tagged as 'not applicable – equipment not fitted' in the final report.

The vessel operator should upload a new set of photographs to the OCIMF database at approximately six-month intervals. The vessel operator may choose to extend the interval for refreshing the photographs on the database for as long as they consider them to remain representative. It is recommended that new photographs are uploaded prior to each inspection to ensure that the condition depicted in each photograph is fully representative.

To ensure consistency across all vessel types, the standard photograph set has been devised with a core set of photographs where the majority will be applicable to all vessel types, followed by a small selection of vessel type specific photograph locations.

Core photograph set

- 1 Bow area from dead ahead.
- 2 Hull forward end starboard side.
- 3 Hull forward end port side.
- 4 Hull aft end starboard side.
- 5 Hull aft end port side.
- 6 Transom from right astern.
- 7 Forecastle port side looking towards fairleads.
- 8 Forecastle starboard side looking towards fairleads.
- 9 Port or starboard windlass.
- 10 Forward main deck showing condition of deck (and external framing).
- 11 Forward main deck showing condition of pipe-rack.
- 12 One mooring winch showing brake setting arrangement.
- 13 One hose crane overall view.
- 14 One hose crane showing hoisting winch, stowed wire, and limit switches.
- 15 Starboard manifold looking from aft to forward.
- 16 Starboard manifold looking forward to aft.
- 17 Aft main deck showing condition of deck (and external framing).

- 18 Aft main deck showing condition of pipe-rack.
- 19 Poop deck looking from midships to starboard including fairleads.
- 20 Aft emergency towing equipment storage arrangement.
- 21 Aft emergency towing equipment deployment system.
- 22 Lifeboat and davit.
- 23 The emergency generator or accumulator batteries.
- 24 Engine room general view showing top of main engine.
- 25 One generator engine.
- 26 The oil filtering equipment.
- 27 The incinerator.
- 28 One boiler from the front.
- 29 One boiler from the top showing control equipment.
- 30 Purifier room general view.
- 31 Main engine side showing local control station.
- 32 Steering gear room general view showing access.
- 33 Main steering gear.

Crude / product / chemical tankers / OBO

- 40 IG system pressure/vacuum-breaking (P/V) device.
- 41 IG system first non-return device (deck seal or double block and bleed arrangement).
- 42 One main cargo pump and, if in pump room, including bilges.

LPG pressurised

- 50 A cargo tank liquid dome including load and discharge valve.
- 51 Electric motors for deepwell pumps.
- 52 Compressor / motor room internal view.

LPG refrigerated

- 60 A cargo tank liquid dome including load and discharge valve.
- 61 Electric motors for deepwell pumps.
- 62 Compressor room internal view.

LNG Membrane type

- 70 A cargo tank liquid dome including load and discharge valve.
- 71 A cargo tank vapour dome including cargo system relief valves.
- 72 Compressor house internal view.

LNG Moss type

- 80 A cargo tank liquid dome including load and discharge valve.
- 81 General view of one moss sphere.
- 82 Compressor house internal view.

Shuttle tanker

- 90 Bow mooring arrangement from forward looking aft showing chain stopper.
- 91 Bow mooring arrangement from aft looking forward showing winch.
- 92 General view of hose connection area.
- 93 Hose coupling arrangement.
- 94 General view forward bow thruster room.
- 95 Forward bow thruster room showing one azimuth thruster.

Selecting a Vessel Photograph Template

Before photographs can be uploaded to the Vessel Photograph Repository, a vessel must be assigned a Photograph Template to confirm which standardised set of photographs are applicable to the vessel.

When adding a new vessel, the Photo Template must be assigned before the vessel can be created within SIRE.


The screenshot shows the 'Add Vessel' form. The 'Photo Template' dropdown is open, displaying a list of options. The options are: 'Please Select -', 'Please Select -', 'Crude / product/ chemical tankers / OBO', 'LNG Membrane type', 'LNG Moss type', 'LPG pressurised', 'LPG refrigerated', and 'Shuttle tanker'. The dropdown is highlighted with a red box.

For vessels that existed within SIRE prior to the launch of SIRE 2.0, the option to set the SIRE 2.0 Vessel Photograph Template will be presented to the user the first time the Vessel Photograph Repository is launched.

The screenshot shows the 'Edit Photo Template for Yolanda Way' form. The 'Photo Template' dropdown is open, displaying a list of options. The options are: 'Please Select -', 'Please Select -', 'Shuttle tanker', 'LNG Membrane type', 'Crude / product/ chemical tankers / OBO', 'LPG refrigerated', 'LNG Moss type', and 'LPG pressurised'. The dropdown is highlighted with a red box.

If the incorrect Vessel Photograph Template has been selected, the template can be updated via the Edit Vessel Details page.

The screenshot shows the 'Edit Vessel' page for 'Yolanda Way'. The 'Edit' icon is highlighted with a red box.

Selecting the  icon opens the 'Edit Vessel' page, from where the Photograph Template can be updated.

The screenshot shows the 'Edit Vessel' form for 'Yolanda Way'. The 'Photo Template' dropdown is open, displaying the selected option 'LNG Moss type'. The dropdown is highlighted with a red box.

If a vessels Photograph Template is changed, any previously uploaded photographs that are part of the **Core photograph set** are retained, however, any previously uploaded photographs for vessel type specific locations are automatically removed.

Vessel Photograph Criteria

When preparing photographs for upload to the SIRE 2.0 Vessel Photograph Repository, please ensure that they adhere to the following criteria:

- **Image Criteria:**
 - Photographs must be in colour.
 - Photographs must be clear and in focus.
 - Photographs must be taken in landscape orientation.
 - Where possible, photographs should be digitally time and date stamped within the image.
 - Photographs must not include images of humans.
 - Photographs must be in high-resolution.
- **Acceptable file types:** .jpeg or .png only.
- **Acceptable file size:** to a maximum of 10Mb.

Accessing the SIRE 2.0 Vessel Photograph Repository


To access the Vessel Photograph Repository, users must have been assigned the ‘SIRE – Operator User Can Manage Vessel Photographs’ role.

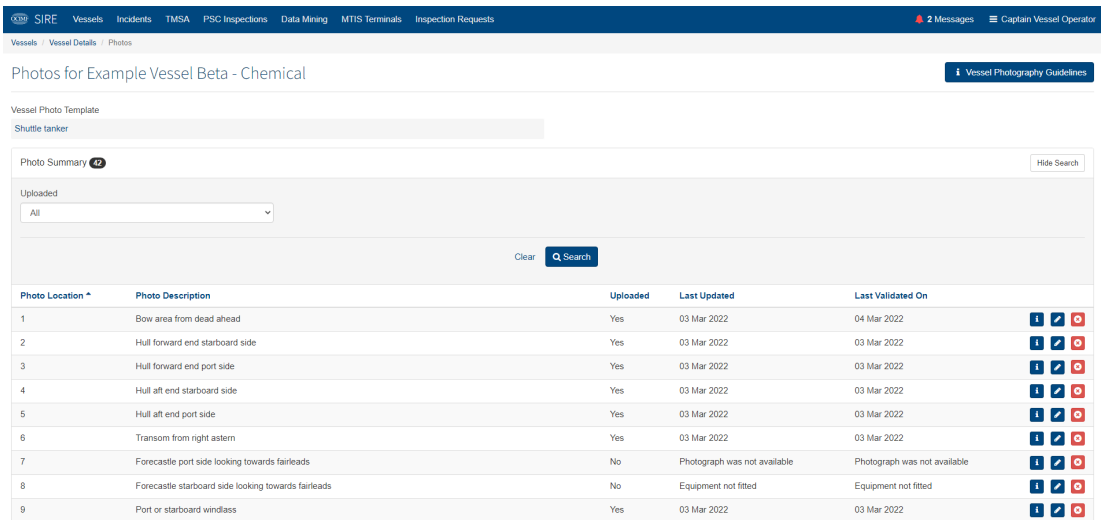
Each vessel within the vessel operators’ fleet has its own Vessel Photograph Repository, which is accessed from the vessel details page:

The screenshot displays the SIRE 2.0 Vessel Details page for 'Example Vessel Beta - Chemical' (IMO 9422653, OCIMF-ID A-100-011-188). The page features a navigation bar at the top with links to SIRE, Vessels, Incidents, TMSA, PSC Inspections, Data Mining, MTIS Terminals, and Inspection Requests. Below the navigation bar, the vessel details are organized into several sections:

- Vessel Particulars:** Last published: 03 Mar 2022. Includes links for Edit, View PDF, and Add to Downloads.
- Vessel Certificates:** Last Updated: 03 March 2022. Includes links for Edit, Download All, and History.
- Online Crew Matrix:** Last Updated: 03/03/2022. Includes links for Edit, View PDF, View XML, and View Audit History.
- PSC Inspections:** Includes a 'New PSC Inspection' button and a table with columns for 'For Vessel', 'Current operator', 'Previous operator', and 'Current Operators Fleet'.
- Incidents:** Includes a 'New Incident' button and a table with columns for 'For Vessel', 'Current operator', 'Previous operator', and 'Fleet'.
- Vessel PIQ:** Includes links for Edit PIQ and Download PIQ.
- Inspections:** A section at the bottom indicating 'There are no inspections for this vessel' and 'Inspections are only valid and displayed if they are less than 18 months old'.

The 'SIRE 2.0 Vessel Photographs' link is highlighted with a red box, indicating the path to access the vessel's photograph repository.

Selecting the  **Edit** icon will open the Vessel Photography page.






























Photos for Example Vessel Beta - Chemical

Vessel Photo Template
Shuttle tanker

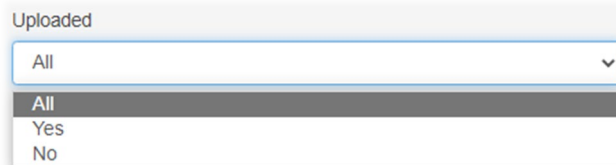
Photo Summary **42** Hide Search

Uploaded
All

Clear Search

Photo Location ^	Photo Description	Uploaded	Last Updated	Last Validated On	
1	Bow area from dead ahead	Yes	03 Mar 2022	04 Mar 2022	  
2	Hull forward end starboard side	Yes	03 Mar 2022	03 Mar 2022	  
3	Hull forward end port side	Yes	03 Mar 2022	03 Mar 2022	  
4	Hull aft end starboard side	Yes	03 Mar 2022	03 Mar 2022	  
5	Hull aft end port side	Yes	03 Mar 2022	03 Mar 2022	  
6	Transom from right astern	Yes	03 Mar 2022	03 Mar 2022	  
7	Forecastle port side looking towards fairleads	No	Photograph was not available	Photograph was not available	  
8	Forecastle starboard side looking towards fairleads	No	Equipment not fitted	Equipment not fitted	  
9	Port or starboard windlass	Yes	03 Mar 2022	03 Mar 2022	  

The Vessel Photography page displays the list of photograph locations that are applicable to the vessel based upon the Photograph Template selected; the list can filtered to only display those locations that still require a photograph to be uploaded by using the 'Uploaded' filter.



Uploaded

All













Yes

No


To apply the filter, make a selection from the drop-down, then press the Search button. To remove the filter, select All or press the Clear button. To access the filter, press Show Search.

For each Photograph location within the Vessel Photograph grid, the following information is displayed:

- **Photo Location** – identifier for the photograph location within the Vessel Photograph List
- **Photo Description** – textual description of the Photograph location.
- **Uploaded** – Yes / No
- **Last Updated** – date the photograph was uploaded to SIRE
- **Last Validated On** – date the photograph was last reviewed and validated by the vessel operator

<u>Photo Location</u> ^	Photo Description	Uploaded	Last Updated	Last Validated On	
1	Bow area from dead ahead	Yes	03 Mar 2022	04 Mar 2022	  
2	Hull forward end starboard side	Yes	03 Mar 2022	03 Mar 2022	  
3	Hull forward end port side	No			  
4	Hull aft end starboard side	Yes	03 Mar 2022	03 Mar 2022	  


Uploading a Vessel Photograph

To add a Vessel Photograph, select the Pen () icon.

Browse to the desired photograph file using the standard file picker, the date upon which the photograph was taken must be supplied.

View Image ✕


Image location 3 - Hull forward end port side



Choose File Standard ph...ort side.JPG

Photo Taken On
10/10/2021


Upload

Selecting the information icon (), opens a comparison pane displaying the currently uploaded photograph and the ideal example image.


View Example Image ✕

Image location 3 - Hull forward end port side

Example



Uploaded



Guidance

Example guidance for location 3

Close

Validating an existing Vessel Photograph

If an existing photograph is still representative of the condition of the location and/or the equipment, then it can simply be validated rather than having to upload a new image.

View Image ×

Image location 3 - Hull forward end port side




Photo Taken On: 10 Oct 2021
 Uploaded: 28 Mar 2022
 Last Validated: 28 Mar 2022

Choose File No file chosen


Validate










Once the 'Validate' button is pressed the 'Last Validated' timestamp is updated.

Updating a Vessel Photograph

If the vessel photograph is no longer representative of the condition of the location and/or equipment, a new photograph can be uploaded by selecting the 'Choose File' icon and browsing to the new image.

Deleting a Vessel Photograph

If a vessel photograph has been uploaded in error, the photograph may be deleted by selecting the cross icon ().

Uploaded	Last Updated	Last Validated On	
Yes	03 Mar 2022	04 Mar 2022	  
Yes	03 Mar 2022	03 Mar 2022	  
Yes	28 Mar 2022	28 Mar 2022	  

The user must confirm the action before the photograph is deleted from SIRE.


Delete Photograph ×

Delete the photograph associated to location 9 - Port or starboard windlass?

Back Delete Photograph

Vessel Photograph Unavailable

If a photograph is not available for any location, a reason must be provided.

If no photograph is uploaded for a location, selecting the cross icon () opens the 'Photograph Unavailable' menu, from which the reason can be selected from either:

- Photograph was not available
- Equipment not fitted

Photograph Unavailable

Confirm the reason a photograph has not been uploaded

☒ Photograph was not available


☐ Equipment not fitted


Back

Confirm Not Available

The Photograph Unavailable reason is then carried through to the Inspectors tablet for verification during the SIRE 2.0 Inspection.


SIRE 2.0 Vessel Standard Photography Set Guidance

Selecting the  icon displays the guidelines for acceptable vessel photography along with example photographs for each of the locations.


[SIRE](#)
[Vessels](#)
[Incidents](#)
[TMSA](#)
[PSC Inspections](#)
[Data Mining](#)
[MTIS Terminals](#)
[Inspection Requests](#)

[0 Messages](#)
[Captain Vessel Operator](#)

[Vessels](#)
[Vessel Details](#)
[Photos](#)
[Vessel Photography Guidelines](#)



SIRE 2.0 Vessel Standard Photography Set Guidance

The vessel operator should upload a new set of photographs at approximately six-month intervals. The operator may choose to extend the interval for refreshing the photographs for as long as they consider them to remain representative. It is recommended that new photographs are uploaded, or existing photographs validated prior to each inspection. Where a photograph is not available, the vessel operator should indicate the reason.

By uploading images to the SIRE 2.0 Vessel Photography Repository, the vessel operators confirms that they are authorised to upload the images and that the images contain no personal data. OCIMF has the right to remove any inappropriate images uploaded to the repository. Vessel Photographs should be taken to provide the best overall view of the subject matter to give the mix between detail and scale.

Each SIRE 2.0 Vessel Standard Photograph will adhere to the guidelines set out below:


- Photographs must be in colour.
- Photographs must be clear and in focus.
- Photographs must be taken in landscape orientation.
- Where possible, photographs should be digitally date/time stamped within the image.
- Photographs must **not** include images of humans.
- Photographs must be in high-resolution.

File upload criteria

- Uploaded files must be provided in the .jpeg or .png filetypes.
- Uploaded files must be no more than 10M in size.

Photographs can be managed as follows:

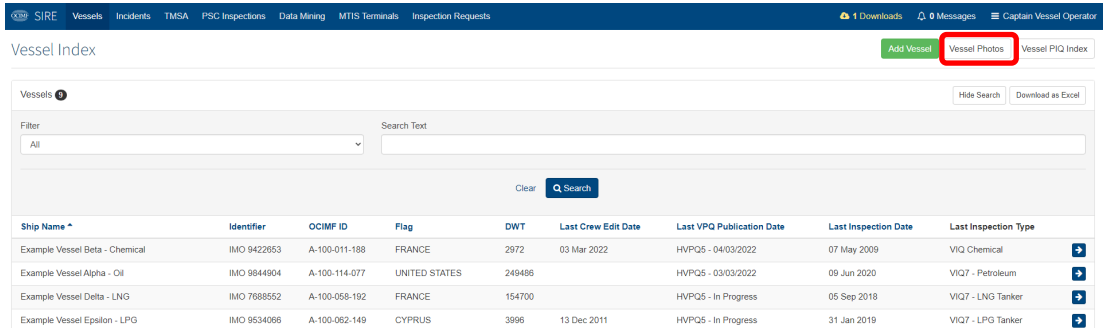
- The Information button displays an example photograph and allows comparison with the uploaded photograph.
- The Edit button allows the existing uploaded photograph to be validated for continuing accuracy or directly replaced with a fresh photograph via the "Choose File" button.
- The Delete button has two functions:
 - 1) If a photograph has been uploaded, the button allows the photograph to be deleted.
 - 2) If a photograph has not been uploaded, the button allows the reason for this to be indicated, i.e. either a photograph is not available, or the particular equipment is not fitted.

Photo Location	Photo Description	Guidance	Example photo
1	Bow area from dead ahead	Example guidance for location 1	

Vessel Photograph Index

The Vessel Photograph Index page provides a summary of both the number and relative ages of the uploaded photographs for each vessel within an operator's fleet.




The Vessel Photograph Index is accessed by selecting the 'Vessel Photos' button from upon the Vessel Index page.

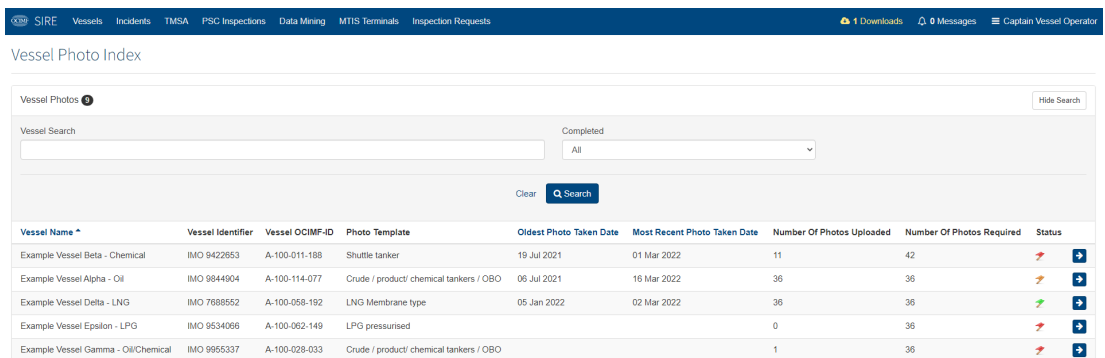


The screenshot shows the 'Vessel Index' page. At the top, there is a navigation bar with links: SIRE, Vessels, Incidents, TMSA, PSC Inspections, Data Mining, MTIS Terminals, and Inspection Requests. On the right, there are icons for Downloads (1), Messages (0), and a Captain Vessel Operator button. Below the navigation bar, the page title is 'Vessel Index'. On the right side of the page, there are three buttons: 'Add Vessel', 'Vessel Photos' (highlighted with a red box), and 'Vessel PIQ Index'. The main content area shows a table of vessels with columns: Ship Name, Identifier, OCIMF ID, Flag, DWT, Last Crew Edit Date, Last VPQ Publication Date, Last Inspection Date, and Last Inspection Type. The table contains five rows of example vessels.






Ship Name *	Identifier	OCIMF ID	Flag	DWT	Last Crew Edit Date	Last VPQ Publication Date	Last Inspection Date	Last Inspection Type
Example Vessel Beta - Chemical	IMO 9422653	A-100-011-188	FRANCE	2972	03 Mar 2022	HVPQ5 - 04/03/2022	07 May 2009	VIQ Chemical
Example Vessel Alpha - Oil	IMO 9844904	A-100-114-077	UNITED STATES	249486		HVPQ5 - 03/03/2022	09 Jun 2020	VIQ7 - Petroleum
Example Vessel Delta - LNG	IMO 7688552	A-100-058-192	FRANCE	154700		HVPQ5 - In Progress	05 Sep 2018	VIQ7 - LNG Tanker
Example Vessel Epsilon - LPG	IMO 9534066	A-100-062-149	CYPRUS	3996	13 Dec 2011	HVPQ5 - In Progress	31 Jan 2019	VIQ7 - LPG Tanker

The Vessel Photograph Index provides the following information for each vessel:

- **Photograph Dates** – the date taken for the most recent and oldest photograph for the vessel
- **Number of Photographs** – total number of photographs uploaded for the vessel and the expected number for the selected template.
- **Status** – Red / Amber / Green rating for the vessel's photography
 -  One or more vessel photograph locations does not have an entry.
 -  All vessel photograph locations have an entry, however, at least one photograph has a date 'Last Validated On' over six months in the past.
 -  All vessel photograph locations have an entry and all entries have been validated or have a Photograph Taken date within the last six month.



The screenshot shows the 'Vessel Photo Index' page. At the top, there is a navigation bar with links: SIRE, Vessels, Incidents, TMSA, PSC Inspections, Data Mining, MTIS Terminals, and Inspection Requests. On the right, there are icons for Downloads (1), Messages (0), and a Captain Vessel Operator button. Below the navigation bar, the page title is 'Vessel Photo Index'. On the right side of the page, there is a 'Hide Search' button. The main content area shows a table of vessels with columns: Vessel Name, Vessel Identifier, Vessel OCIMF ID, Photo Template, Oldest Photo Taken Date, Most Recent Photo Taken Date, Number Of Photos Uploaded, Number Of Photos Required, and Status. The table contains five rows of example vessels. The 'Completed' filter is set to 'All'.

Vessel Name *	Vessel Identifier	Vessel OCIMF ID	Photo Template	Oldest Photo Taken Date	Most Recent Photo Taken Date	Number Of Photos Uploaded	Number Of Photos Required	Status
Example Vessel Beta - Chemical	IMO 9422653	A-100-011-188	Shuttle tanker	19 Jul 2021	01 Mar 2022	11	42	
Example Vessel Alpha - Oil	IMO 9844904	A-100-114-077	Crude / product/ chemical tankers / OBO	06 Jul 2021	16 Mar 2022	36	36	
Example Vessel Delta - LNG	IMO 7688552	A-100-058-192	LNG Membrane type	05 Jan 2022	02 Mar 2022	36	36	
Example Vessel Epsilon - LPG	IMO 9534066	A-100-062-149	LPG pressurised			0	36	
Example Vessel Gamma - Oil/Chemical	IMO 9955337	A-100-028-033	Crude / product/ chemical tankers / OBO			1	36	

The Vessel Photograph Index can be filtered to only display those vessels that still require photographs to be uploaded by using the Completed filter.

To apply the filter, make a selection from the drop-down, then press the Search button. To remove the filter, select All or press the Clear button. To access the filter, press Show Search.

Appendix 1 – Example Vessel Photographs

Appendix 1 contain the example vessel photograph images included within the SIRE 2.0 Vessel Photograph Repository.

Each image illustrates the desired overall view of the subject matter.

Core photograph set (1 to 33)

Standard photo (1) Bow area from dead ahead



Standard photo (2) Hull forward end starboard side



Standard photo (3) Hull forward end port side



Standard photo (4) Hull aft end starboard side



Standard photo (5) Hull aft end port side



Standard photo (6) Transom from right astern



Standard photo (7) Forecastle port side looking towards fairleads



Standard photo (8) Forecastle starboard side looking towards fairleads



Standard photo (9) Port or starboard windlass



Standard photo (10) Forward main deck showing condition of deck (and external frame)



Standard photo (11) Forward main deck showing condition of pipe rack



Standard photo (12) One mooring winch showing brake setting arrangement



Standard photo (13) One hose crane overall view



Standard photo (14) One hose crane showing hoisting winch, stowed wire, and limit



Standard photo (15) Starboard manifold looking from aft to forward



Standard photo (16) Starboard manifold looking forward to aft



Standard photo (17) Aft main deck showing condition of deck (and external framing)



Standard photo (18) Aft main deck showing condition of pipe rack



Standard photo (19) Poop deck looking from midships to starboard including fairleads



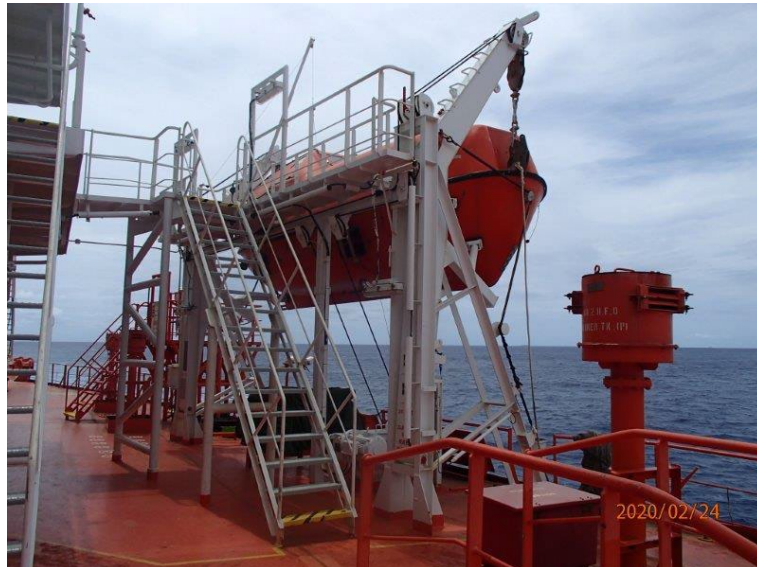
Standard photo (20) Aft emergency towing equipment storage arrangement



Standard photo (21) Aft emergency towing equipment deployment system



Standard photo (22) Lifeboat and davit



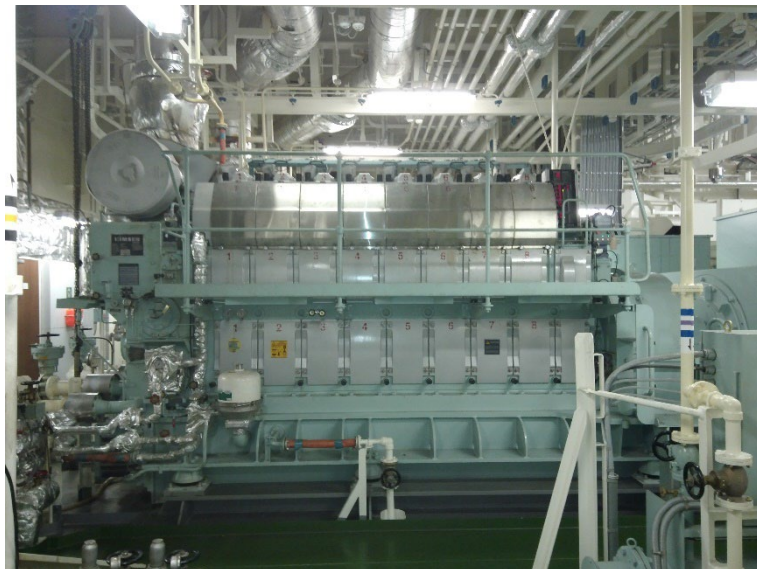
Standard photo (23) The emergency generator or accumulator batteries



Standard photo (24) Engine room general view showing top of main engine



Standard photo (25) One generator engine



Standard photo (26) The oil filtering equipment



Standard photo (27) The incinerator



Standard photo (28) One boiler from the front



Standard photo (29) One boiler from the top showing control equipment



Standard photo (30) Purifier room general view



Standard photo (31) Main engine side showing local control station



Standard photo (32) Steering gear room general view showing access



Standard photo (33) Main steering gear



Crude / product / chemical tankers / OBO (40 to 42)

Standard photo (40) IG system pressure vacuum breaking (PV) device



Standard photo (41) IG system first non-return device (deck seal or double block)



Standard photo (42) One main cargo pump and, if in pump room, including bilges



LPG pressurized (50 to 52)

Standard photo (50) Cargo tank liquid dome



Standard photo (51) Electric motor for deep well pump



Standard photo (52) Compressor motor room internal view



LPG refrigerated (60 to 62)

Standard photo (60) Cargo tank liquid dome LPG Semi tank dome



Standard photo (61) LPG semi deepwell pumps



Standard photo (62) Compressor motor room internal view



LNG Membrane type (70 to 72)

Standard photo (70) Cargo tank liquid dome



Standard photo (71) Cargo tank vapour dome



Standard photo (72) Compressor house internal view



LNG Moss type (80 to 82)

Standard Photo (80) Cargo tank liquid dome



Standard Photo (81) General view of Moss sphere



Standard photo (82) Compressor house internal view



Shuttle tanker (90 to 95)

Standard photo (90) Bow mooring arrangement from forward looking aft



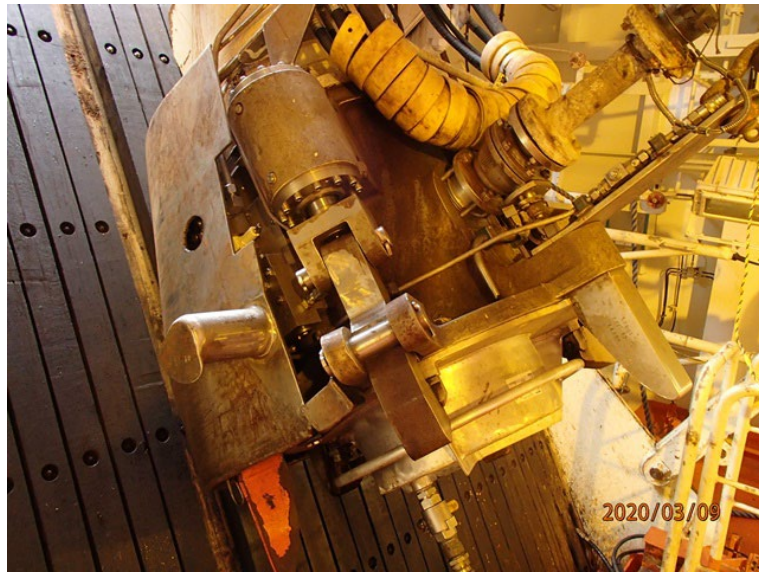
Standard photo (91) Bow mooring arrangement from aft looking forward showing winch



Standard photo (92) General view of hose connection area



Standard photo (93) Hose coupling arrangement



Standard photo (94) General view forward bow thruster room



Standard photo (95) Forward bow thruster room showing one azimuth thruster





Our vision

A global marine industry that causes no harm to people or the environment

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