



REFERENCE

Plant Exports Management System (PEMS) Authorised officer user guide – Bulk Vessel Inspections

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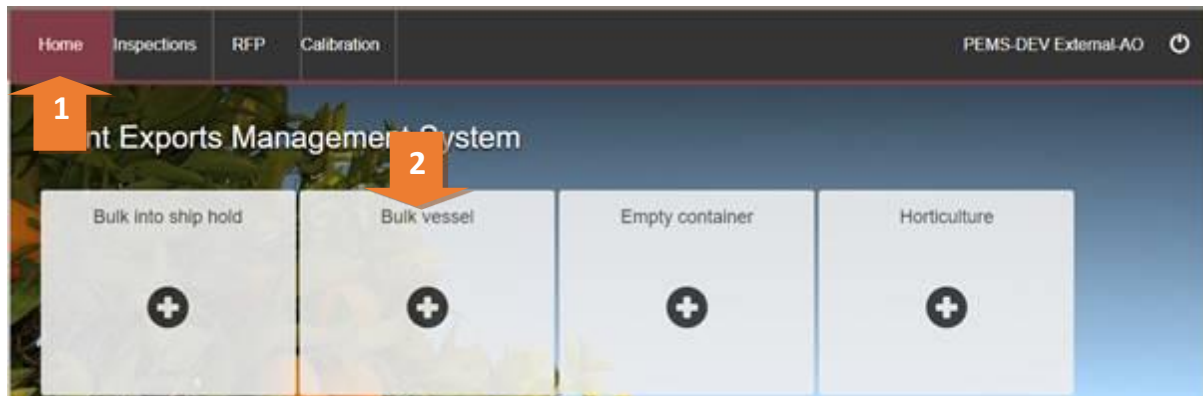
Purpose of this document

This reference outlines how to use PEMS to record a Bulk Vessel Inspection.

Note: An overview of PEMS and general functions can be found in the [Reference: Plant Exports Management System \(PEMS\) Authorised Officer User Guide – Overview and general functions](#).

Initiating a bulk vessel inspection

To initiate a bulk vessel inspection, click on the **Home**¹ PEMS menu tab and click the **Bulk vessel**² button.



The *Create Bulk Vessel Inspection* window will display.

Enter the **IMO number**¹ of the vessel. The IMO number must consist of the letters 'IMO' followed by seven digits; for example, IMO1234567.

Click **Search**². If an inspection record for the vessel has been recorded in PEMS previously, the name and number of holds will populate automatically. PEMS will allow you to update the name and number of holds. If the vessel's IMO number is not in PEMS, you should manually enter the vessel's **Name**³ and the **Number of holds**⁴.

Enter the **Port**⁵ where the inspection is occurring from the auto-search list when it displays.

Click **Create**⁶.

The screenshot shows a web form titled "Create Bulk Vessel Inspection" with a close button (X) in the top right corner. The form contains the following fields and buttons:

- 1** IMO number*: A text input field containing "IMO7654321".
- 2** Search: A blue button next to the IMO number field.
- 3** Name*: A text input field containing "Big Red Boat".
- 4** Number of holds*: A text input field containing "3".
- 5** Port*: A text input field containing "Sydney (SYD)".
- 6** Create: A blue button at the bottom right.
- Close: A button at the bottom right, next to the Create button.

The *bulk vessel inspection* page will display by default.

The inspection record will remain **Active**¹ until the record is withdrawn, submitted, or cancelled.



While the record is active, the date provided at the top of the bulk vessel inspection record is the date the inspection record was initiated.

The screenshot shows the "Bulk Vessel Inspection" page. At the top, there is a navigation bar with tabs: Home, Inspections (selected), RFP, and Calibration. On the right of the navigation bar, it says "UAT11 Testing" with a settings gear icon and a power icon. Below the navigation bar, the main heading is "Bulk Vessel Inspection" followed by "Active 28/06/2022" (callout 1) and "Required fields denoted by *". Below this, the "Inspection ID - V725117" is displayed. A horizontal bar contains several links: "Inspection" (with a document icon), "Authorised Officers" (with a person icon), "Time Entry" (with a clock icon), "Communications" (with a speech bubble icon), and "Actions" (with a dropdown arrow). Below this bar, there are two sections: "Inspection details" with a "Change" link, and "Marine surveyor details" with a "Change" link.

Bulk vessel inspection page

The *bulk vessel inspection* page will display the following key sections:

- **Inspection details**¹ – displays general information relating to the inspection
- **Marine surveyor details**² – where the marine surveyor certificate details are recorded
- **Vessel details**³ – read-only information populated based on data provided when the inspection record was created
- **Results**⁴ – where the hold inspection results are recorded
- **Additional areas**⁵ – where you add and record inspection results for additional areas of the vessel
- **Comments**⁶ – where general comments regarding the inspection can be recorded. See [Section 3.6 Adding comments to an inspection record](#) of the [PEMS AO user guide – Overview and General Functions for more information](#).

Step-by-step instructions on how to record or change data in these sections is provided below.

Bulk Vessel Inspection Active 08/02/2021 Required fields denoted by *

Inspection ID - V568542

Inspection | Authorised Officers | Time Entry | Communications | Actions

1

Inspection details Change | Reinspection
Port COFFS HARBOUR
Goods onto Vessel No
Level Consumable
Supplementary Inspection No
Reinspection No

2

Marine surveyor details Change
Certificate sighted No
Name
Vessel details
IMO number IMO9988776
Name Rainbow Boat
Number of holds 2

3

4

Results (2)

Hold	Result	Approved for Loading	Authorised officers	Actions
1		<input type="checkbox"/>		Open
2		<input type="checkbox"/>		Open

5

Additional areas (5) Add

Area	Result	Approved for Loading	Authorised officers	Actions
FO's's'le Lockers		<input type="checkbox"/>		Open
Weather deck		<input type="checkbox"/>		Open
Mast houses		<input type="checkbox"/>		Open
Provision stores		<input type="checkbox"/>		Open
Dunnage		<input type="checkbox"/>		Open

6

Comments Change
No comment.

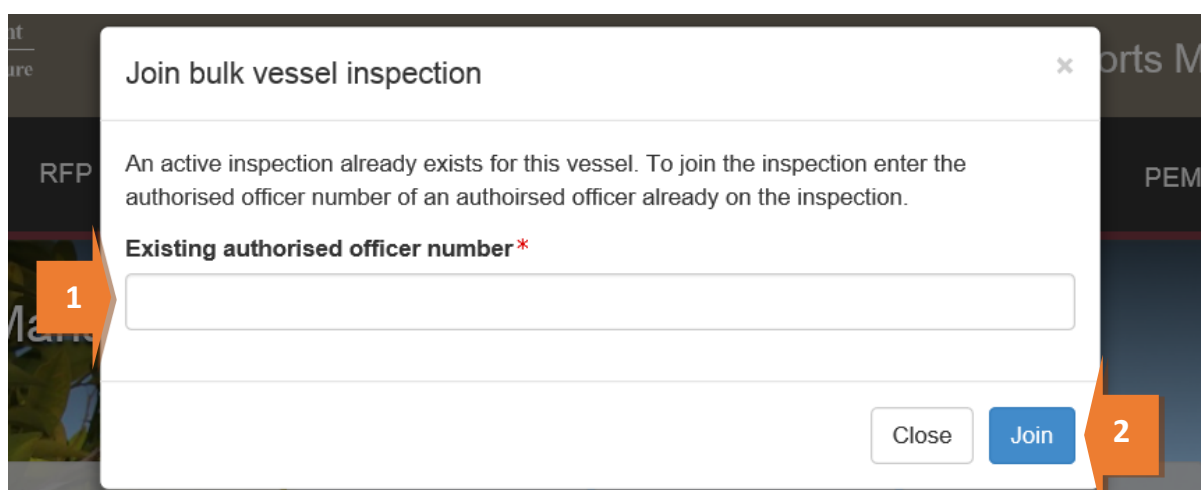
Joining a bulk vessel inspection

When the inspection record is 'Active'

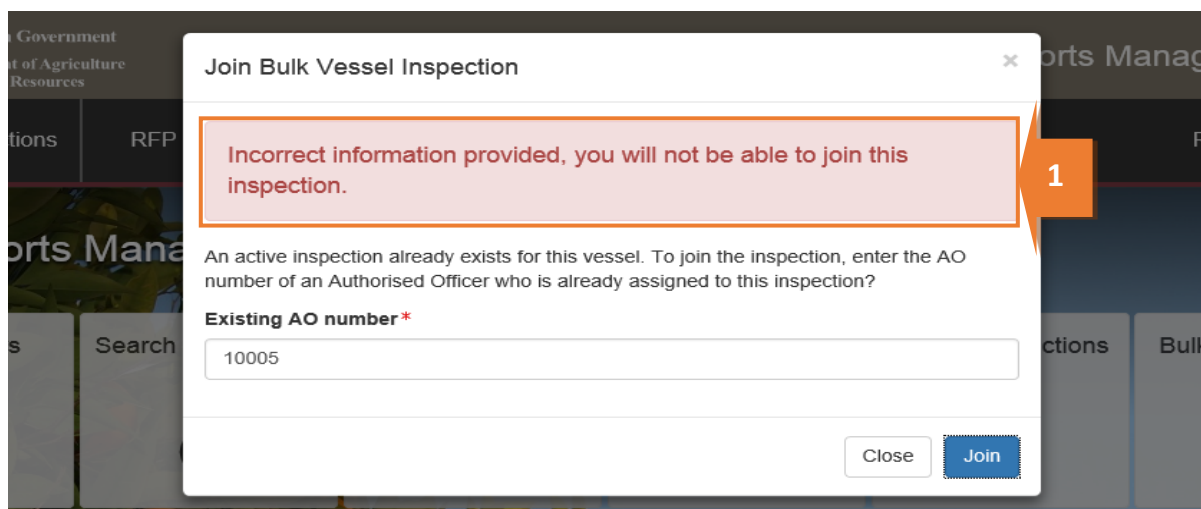
PEMS allows multiple AOs, with the required job function, to join an active bulk vessel inspection record. As a security requirement, any new AO wanting to join an active bulk vessel inspection record must know the AO number of an AO already assigned to the inspection record.

To join an existing bulk vessel inspection record, follow the step-by-step instructions provided above for 'Initiating a bulk vessel inspection'. After clicking create on the *Create Bulk Vessel Inspection* window, the *Join bulk vessel inspection* window will display.

Enter the number of an AO already assigned to the inspection record into the **Existing authorised officer number**¹ field and click **Join**².



Where the wrong AO number is entered an **error message**¹ will display. You will not be able to join the bulk vessel inspection until a correct existing AO number is entered.



If the existing AO number entered is correct, the *Bulk Vessel Inspection* page will display.

Bulk Vessel Inspection Active 08/02/2021 Required fields denoted by *

Inspection ID - V568523

Inspection | **Authorised Officers** | Time Entry | Communications | Actions

Inspection details Change | Reinspection

Port	ESPERANCE
Goods onto Vessel	No
Level	Consumable
Supplementary Inspection	No
Reinspection	No

Marine surveyor details Change

Certificate sighted	No
Name	

Vessel details

IMO number	IMO1234124
Name	The boat
Number of holds	2

When inspection record is 'Completed'

An AO is now able to join a completed inspection, enabling them to reactivate and update the inspection results as detailed above.

To join a completed bulk vessel inspection record, enter the International Maritime Organisation (IMO) number. More information about the Inspection Search function can be found in the [Reference: Plant Exports Management System \(PEMS\) Authorised Officer User Guide – Overview and general functions section 2.1 Inspection Search](#).

Select the **Authorised Officers** tab¹ and click **Join**².

The AOs name will appear in the **Assigned authorised officers list**³.

Bulk Vessel Inspection Completed 07/06/2022 Required fields denoted by *

Inspection ID - V574636

Inspection | **Authorised Officers** | Time Entry | Communications | Actions

Assigned authorised officers (2) Join

Number	First name	Last name
07002	PEMS-DEV	External-AO
60135	PEMS-DEV	Test3

Required job functions (1)

- BVI3001 - Export inspection of empty bulk vessels

Changing the inspection level

The default inspection level for a bulk vessel is consumable.

To change the inspection level of the bulk vessel, click the **Inspection**¹ tab and then click **Change**² under the inspection details section.



Bulk Vessel Inspection Active 08/02/2021

Inspection ID - V568523

1 **Inspection** 2 **Authorised Officers**

Inspection details Change | Reinspection

Port	ESPERANCE
Goods onto Vessel	No
Level	Consumable
Supplementary Inspection	No
Reinspection	No

The *Inspection details* window will display.

Select the appropriate inspection **Level**¹ of consumable or non-consumable.

Click **Save**².



If the inspection level is set to consumable, the marine surveyor certificate details must be entered. For further information see '**Recording marine surveyor certificate details**' below.



Inspection Details [Close]

Level*

1 **Consumable**

2 **Save**

Close Save

The bulk vessel inspection page will display the updated inspection **level**¹ information.

Bulk Vessel Inspection

Active 28/06/2022

The inspection details have been updated.

Inspection ID - V725128

Inspection

Authorised Officers

Inspection details

[Change](#)

Port	Sydney
Goods onto Vessel	No
Level	Non-consumable
Inspection reason	Re-inspection

1

Recording reinspection of a bulk vessel

These steps apply when an AO is required to record a reinspection of a bulk vessel against an existing inspection record.

Enter the **IMO number**¹ of the vessel and click **Search**². PEMS will provide a **warning message**³.

Enter the **Port**⁴ where the inspection is occurring.

From the drop down select the **Inspection reason**⁵ as 'Re-inspection'.

Click **Create**⁶.

The screenshot shows a web form titled "Create Bulk Vessel Inspection" with a close button (X) in the top right corner. The form contains several fields and a dropdown menu, with numbered callouts indicating the steps for recording a reinspection:

- Callout 1:** Points to the "IMO number*" field, which contains the text "IMO6666666".
- Callout 2:** Points to the "Search" button.
- Callout 3:** Points to a yellow warning box containing the following text:
 - There are existing inspections related to the IMO number specified. Please select the Inspection reason.
 - Re-inspection is when the original inspection has a failed Hold result or an additional area result, a reinspection is performed after treatment/reconditioning.
 - Supplementary inspection is additional inspection record for the hold that is set under ballast water.
- Callout 4:** Points to the "Port*" field, which is empty. Below it, a red error message states "Port is required."
- Callout 5:** Points to the "Inspection reason*" dropdown menu, which is open and shows three options: "Re-Inspection" (highlighted in blue), "Re-Inspection", and "Supplementary inspection".
- Callout 6:** Points to the "Create" button at the bottom right of the form.

Other fields in the form include "Name*" with the text "Testing Ship" and "Number of holds*" with the value "2". At the bottom right, there are "Close" and "Create" buttons.

The bulk vessel inspection page will display the updated **reinspection¹** details

Bulk Vessel Inspection

Active 28/06/2022

Required fields denoted by *

Inspection ID - V725128

Inspection

Authorised Officers

Time Entry

Communications

Actions

Inspection details

Change

Port

Sydney

Goods onto Vessel

No

Level

Consumable

Inspection reason

Re-Inspection

1

Marine surveyor details

Change

Certificate sighted

No

Name

Vessel details

IMO number

IMO6666666

Name

Testing Ship

Number of holds

2

Results (2)

Hold	Result	Approved for Loading	Authorised officers	Actions
1		<input type="checkbox"/>		<button>Open</button>
2		<input type="checkbox"/>		<button>Open</button>

Previous results - Passed in previous inspection

No results.

Additional areas (5)

Add

! If a reinspection is conducted after the detection of *Trogoderma* Sp., PEMS will mandate a fumigation certificate be attached prior to submission of the inspection record.

! Reinspection of a hold or additional areas is an inspection following failure and treatment.

Recording supplementary inspection of a bulk vessel

These steps apply when an AO is required to record extra inspection activities against an existing inspection record.

Enter the **IMO number**¹ of the vessel and click **Search**². PEMS will provide a **warning message**³.

Enter the **Port**⁴ where the inspection is occurring.

From the drop down select the **Inspection reason**⁵ as '*Supplementary inspection*'.

Click **Create**⁶.

The screenshot shows a web form titled "Create Bulk Vessel Inspection" with a close button (X) in the top right corner. The form contains several fields and a warning message. Numbered callouts (1-6) point to specific elements:

- Callout 1:** Points to the "IMO number *" field, which contains the text "IMO8877999".
- Callout 2:** Points to the "Search" button located to the right of the IMO number field.
- Callout 3:** Points to a yellow warning box containing two bullet points:
 - There are existing inspections related to the IMO number specified. Please select the Inspection reason.
 - Supplementary inspection is additional inspection record for the hold that is set under ballast water.
- Callout 4:** Points to the "Port *" field, which is empty. Below it, the text "Port is required." is displayed in red.
- Callout 5:** Points to the "Inspection reason *" dropdown menu, which has "Supplementary inspection" selected and highlighted in blue.
- Callout 6:** Points to the "Create" button at the bottom right of the form.

Other fields in the form include "Name *" with the value "TESTING INSPECTION REASON" and "Number of holds *" with the value "3". At the bottom right, there are "Close" and "Create" buttons.

Under Previous Results previous inspections can be opened by selecting **Open inspection**².

Supplementary inspection is an inspection of a hold previously passed for cross contamination and is now being inspected for loading prescribed goods; for example, holds previously under ballast.

This function is only available for vessels with a current bulk vessel approval.

Where goods are only being loaded into the holds of the bulk vessel, at least one hold must have a result of passed and all remaining holds (including additional areas) must be passed, passed for any cross-contamination risk or N/A. The hold to be loaded must be identified by selecting the *'Approved for loading'* checkbox for bulk vessel approval to be issued.

If any hold (including additional areas) receives a result of failed, the bulk vessel approval cannot be issued, and the AO cannot complete the inspection record without providing results for other holds or additional areas.

Time entry will be mandatory for completing the inspection.

Supplementary Inspection

No

Reinspection

Yes

Vessel details

IMO number

IMO0404040

Name

Disney Lane Ship

Number of holds

2

Results (2)

Hold	Result	Approved for Loading	Authorised officers	Actions
1		<input type="checkbox"/>		<div>Open</div>
2		<input type="checkbox"/>		<div>Open</div>

The *Inspection Result Hold* window will display (next 3 screen shots).

The inspection result window will display the 9 possible sites that must be inspected during a hold inspection (next screen shot). The inspection sites are:

- hatch covers
- bulkheads
- deck beams
- exposed metal surfaces
- cable casings
- tank top ceilings
- pipe casings
- bilges
- ventilation trunking.

If all 9 sites have been cleared for loading, select **clear all hold sites**¹. Once the checkbox is selected all 9 sites will be cleared and the default result for the hold will be passed for loading.

When other remarks are selected along with **clear**² for a particular hold, the result will still appear as 'passed' by default. However, the user will be required to select one of the remarks.

If any site is not applicable to the hold being inspected, select the **N/A**³ checkbox under the relevant heading. Once the N/A checkbox is selected you will be unable to select other checkboxes relating to that inspection site.

For each hold proposed to be loaded, the **clear**² or **N/A**³ checkbox for **each inspection site**⁴ will need to be selected for that hold to pass inspection for loading. If any other checkbox is selected for an inspection site, the result for the hold can be failed or passed for risk of cross contamination.

Australian Government
Department of Agriculture and Water Resources

Home

Inspections

Bulk Vessel

Inspection

Inspection details

Port
Goods onto Vessel
Level
Supplementary inspection
Reinspection
Approval issued

Results (2)

Hold	Result
1	Passed
2	

Additional areas (5)

Area
FOC's/le Lockers
Weather deck
Mast houses

Inspection Result Hold 2

☒ Clear all Hold Sites

Hatch covers

☒ Clear

☐ Grain

☐ Mineral Residue

☐ Other

☐ Rodents

☐ Scale

☐ Trogoderma Sp.

☐ Water

Deck beams

☐ N/A

☒ Clear

☐ Grain

☐ Mineral Residue

☐ Other

☐ Rodents

☐ Scale

☐ Trogoderma Sp.

☐ Water

Cable casings

☐ N/A

☒ Clear

☐ Grain

☐ Mineral Residue

☐ Other

☐ Rodents

☐ Scale

☐ Trogoderma Sp.

☐ Water

Bulkheads

☐ N/A

☒ Clear

☐ Grain

☐ Mineral Residue

☐ Other

☐ Rodents

☐ Scale

☐ Trogoderma Sp.

☐ Water

Exposed metal surfaces

☒ N/A

☐ Clear

☐ Grain

☐ Mineral Residue

☐ Other

☐ Rodents

☐ Scale

☐ Trogoderma Sp.

☐ Water

Tank top ceilings

☐ N/A

☒ Clear

☐ Grain

☐ Mineral Residue

☐ Other

☐ Rodents

☐ Scale

☐ Trogoderma Sp.

☐ Water

S-DEV Internal-AO

Required fields denoted by *

Actions

Open

Open

Actions

Open

Open

Open

For each hold proposed to be loaded, results should also be recorded or edited as applicable by:

- selecting a **Total infestation**⁵ level of heavy, light or nil
- selecting the **Number of insects**⁶ detected from one to 50, or 50+ insects
- selecting a **Result**⁷ of passed or failed for the hold
- adding **Result comments**⁸ if applicable (**Note:** there is a limit of 500 characters for this field)
- selecting one or more **Remarks**⁹ checkbox for the hold
(**Important:** This is mandatory if the hold is failed or any other checkbox other than *Clear* or *N/A* or in addition to *Clear* or *N/A* is selected for hold sites)
- selecting checkboxes for all **Authorised officers**¹⁰ who inspected the hold
(see [Section 3.1 Assigning authorised officers](#) of the [PEMS AO user guide – Overview and General Functions for more information](#)).

For all remaining holds inspected for risk of cross contamination, results should be recorded or edited by:

- selecting a **Result**⁷ of passed for cross contamination or failed for the hold
- as applicable, selecting one or more **Remarks**⁹ checkbox
(**Important:** This mandatory if the hold is failed or any other checkbox other than *Clear* or *N/A* or in addition to *Clear* or *N/A* is selected for hold sites)
- selecting checkboxes for all **Authorised officer**¹⁰ who inspected the hold (see [Section 3.1 Assigning authorised officers](#) of the [PEMS AO user guide – Overview and General Functions for more information](#)).

! To record a hold under ballast water, the inspection result can be recorded as passed for cross contamination and the *hold under ballast water* remark checkbox selected.

! If *Trogoderma* Sp. is selected for any of the inspection sites the only option will be to fail the hold.

The screenshot shows a form for recording hold inspection results. The form is divided into several sections, each with a numbered callout pointing to a specific field:

- 5** points to the **Total infestation** dropdown menu.
- 6** points to the **Number of insects** dropdown menu.
- 7** points to the **Result** dropdown menu.
- 8** points to the **Result comments** text area.
- 9** points to the **Remarks** section, which includes checkboxes for *Cleaned during inspection*, *Other*, *Dried during inspection*, and *Mineral Residue*.
- 10** points to the **Authorised officers** section, which includes a checkbox for *PEMS-DEV Internal AO*.



This is a CONTROLLED document. Any documents appearing in paper form are not controlled and should be checked against the IML version prior to use.

Once the inspection results have been entered appropriately, click **Save**¹ to save the record and exit the inspection result window.

The screenshot shows a form titled 'PEMS-DEV Internal-AO'. It has buttons for 'Previous', 'Next', 'Close', and 'Save'. A red arrow points to the 'Save' button with the number 1.

The bulk vessel inspection page will display the **hold inspection results**¹.

Results (2)

Hold	Result	Approved for Loading	Authorised officers	Actions
1	Passed	<input checked="" type="checkbox"/>	PEMS-DEV Internal-AO	
2	Passed for Cross Contamination	<input type="checkbox"/>	PEMS-DEV Internal-AO	

Recording hold inspection results where goods only loaded to other parts of vessel

To record or change hold inspection results for hold inspections where goods are only going to be loaded on to other parts of the vessel, click **Open**¹ beside the relevant hold.





Where goods are being loaded onto other parts of the bulk vessel, at least one additional area must have a result of passed and all additional areas (including holds) must be passed for the risk of cross-contamination or N/A. The additional area to be loaded must be identified by selecting the 'Approved for loading' checkbox for bulk vessel approval to be issued.

If any hold or additional area receives a result of failed, the bulk vessel approval cannot be issued, and the AO cannot complete the inspection record without providing results for other holds or additional areas.

Time entry will be mandatory for completing the inspection.

Results (2)

Hold	Result	Approved for Loading	Authorised officers	Actions
1		<input type="checkbox"/>		
2		<input type="checkbox"/>		

The *Inspection Result Hold* window will display.

The only site of a hold(s) that is mandatory for inspection is the hatch cover. Select the **Clear**¹ checkbox if the hatch cover is clear and to record that a hold has passed for risk of cross contamination. If applicable, you can select any **other**² hatch cover checkbox.

Inspection Result Hold 1

☐ **Clear all Hold Sites**

Hatch covers

☒ Clear

☐ Grain

☐ Mineral Residue

☐ Other

☐ Rodents

☐ Scale

☐ Trogoderma Sp.

☐ Water

Deck beams

☐ N/A

☐ Clear

☐ Grain

☐ Mineral Residue

☐ Other

☐ Rodents

☐ Scale

☐ Trogoderma Sp.

☐ Water

Bulkheads

☐ N/A

☐ Clear

☐ Grain

☐ Mineral Residue

☐ Other

☐ Rodents

☐ Scale

☐ Trogoderma Sp.

☐ Water

Exposed metal surfaces

☐ N/A

☐ Clear

☐ Grain

☐ Mineral Residue

☐ Other

☐ Rodents

☐ Scale

☐ Trogoderma Sp.

☐ Water

Hold inspection results should also be recorded or edited as applicable by:

- selecting a **Total infestation**³ level of nil, light or heavy
- selecting the **Number of insects**⁴ detected from one to 50, or 50+ insects
- selecting a **Result**⁵ of passed for cross contamination or failed for cross contamination
- adding **Result comments**⁶ if applicable (there is a limit of 500 characters for the field)
- as applicable, selecting one or more **Remarks**⁷ checkbox (mandatory if the hold is failed or any other checkbox other than Clear or in addition to Clear is selected for hold sites)
- selecting checkboxes for all **Authorised officer**⁸ who inspected the hold (see [Section 3.1 Assigning authorised officers](#) of the [PEMS AO user guide – Overview and General Functions for more information](#))
- Click **Save**⁹.



If *Trogoderma* Sp. is selected for any of the inspection sites the only option will be to fail the hold.

The screenshot shows a form for recording hold inspection results. The fields and their values are as follows:

- Total infestation** (3): Light
- Number of insects** (4): 9
- Result*** (5): Passed for Cross Contamination
- Result comments** (6): (Empty text area)
- Remarks** (7):
 - ☐ Cleaned during inspection
 - ☐ Hold under ballast water
 - ☐ Other
 - ☐ Dried during inspection
 - ☐ Mineral Residue
- Authorised officers*** (8):
 - ☒ Rajesh Iyer

At the bottom, there are buttons for **Previous**, **Next**, **Close**, and **Save** (9).



It is mandatory to record a hold under ballast water. The inspection result can be recorded as passed for cross contamination with the '*hold under ballast water*' remarks checkbox selected.






If none of the hold sites have been selected, the inspection result can be recorded as passed for cross contamination and the *'hold under ballast water'* remarks checkbox must be selected.

The bulk vessel inspection page will display the hold inspection results. Click **Open**¹ to make changes to any hold inspection results.

Click **Approved for Loading**² checkbox for the hold that will be loaded with prescribed goods.

Results (3)

Hold	Result	Approved for Loading	Authorised officers	Actions
1	Passed	<input type="checkbox"/>	PEMS-DEV External-AO	
2	Passed for Cross Contamination	<input type="checkbox"/>	PEMS-DEV External-AO	
3	Passed	<input type="checkbox"/>	PEMS-DEV External-AO	

Navigating between hold inspection windows

Click **Previous** or **Next**¹ at the bottom of the hold inspection windows to navigate quickly between each hold inspection. The inspection results will automatically save when you navigate between the hold inspection windows in this manner.

☐ PEMS-DEV Internal-AO

Previous

Next

Close

Save

Actions

Open

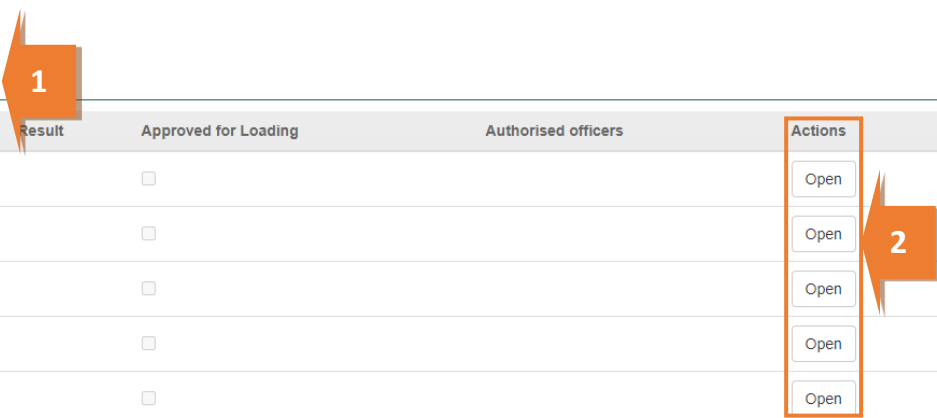
Recording inspection results for additional areas

The 5 additional areas that require mandatory inspection are:

- FO'c's'le Lockers
- Weather deck
- Mast houses
- Provision stores
- Dunnage.

PEMS allows further additional areas to be added to the bulk vessel inspection record to accommodate variations in the make of vessels. To add an additional area to the inspection record, click **Add**¹ under the additional areas section.

To enter or edit results for any additional area click **Open**² beside the additional area.



Area	Result	Approved for Loading	Authorised officers	Actions
FO'c's'le Lockers		<input type="checkbox"/>		Open
Weather deck		<input type="checkbox"/>		Open
Mast houses		<input type="checkbox"/>		Open
Provision stores		<input type="checkbox"/>		Open
Dunnage		<input type="checkbox"/>		Open

The *Additional Area* window will display.

The relevant **Area**¹ name will be populated for all mandatorily inspected additional areas. For any new additional area, you must manually enter the name of the **Area**¹ being inspected, for example hatch covers where goods will be loaded onto the vessel.

Select a **Result**² of *passed, failed, N/A or passed for cross contamination*, and one or more applicable **Remarks**³ checkboxes (mandatory if the additional area has a failed result).

Select the checkbox of all **Authorised officers**⁴ who inspected the additional area. See [Section 3.1 Assigning authorised officers](#) of the [PEMS AO user guide – Overview and General Functions](#) for more information.

Click **Save**⁵.

The screenshot shows a web form titled "Additional Area FO's's'le Lockers" with a close button (X) in the top right corner. The form contains the following fields and controls:

- 1** **Area ***: A text input field containing "FO's's'le Lockers".
- 2** **Result ***: A dropdown menu showing "Passed".
- 3** **Remarks**: A section with four checkboxes: "Cleaned during inspection", "Dried during inspection", "Hold under ballast water", and "Mineral Residue". The "Other" checkbox is also present.
- 4** **Authorised officers ***: A section with one checked checkbox: "PEMS-DEV External-AO".
- 5** At the bottom right, there are four buttons: "Previous", "Next", "Close", and "Save".

The bulk vessel inspection page will display the additional area inspection results. Click **Remove**¹ to remove any new additional area from the inspection record. Click **Open**² to make changes to any additional area inspection results.

Click **Approved for Loading**³ checkbox for the additional area that will be loaded with goods.

Additional areas (6) [Add](#)

Area	Result	Approved for Loading	Authorised officers	Actions
FOC's/le Lockers	Passed	<input checked="" type="checkbox"/>	Rajesh Iyer	Open
Weather deck	N/A	<input type="checkbox"/>	Rajesh Iyer	Open
Mast houses	Passed for Cross Contamination	<input type="checkbox"/>	Rajesh Iyer	Open
Provision stores	Passed	<input checked="" type="checkbox"/>	Rajesh Iyer	Open
Dunnage	N/A	<input type="checkbox"/>	Rajesh Iyer	Open
Hatch Cover	Passed	<input type="checkbox"/>	Rajesh Iyer	Open Remove

For a bulk vessel where it was specified that goods would be loaded onto other parts of the vessel, the **Approved for Loading**³ checkbox must be selected for at least one additional area for bulk vessel approval to be issued.

Navigating between additional areas inspection windows

Click **Previous** or **Next**¹ at the bottom of the additional area inspection window to navigate quickly between each additional area inspection. The inspection results will automatically save when you navigate between the additional area inspection windows in this manner.

☐ PEMS-DEV Internal-AO

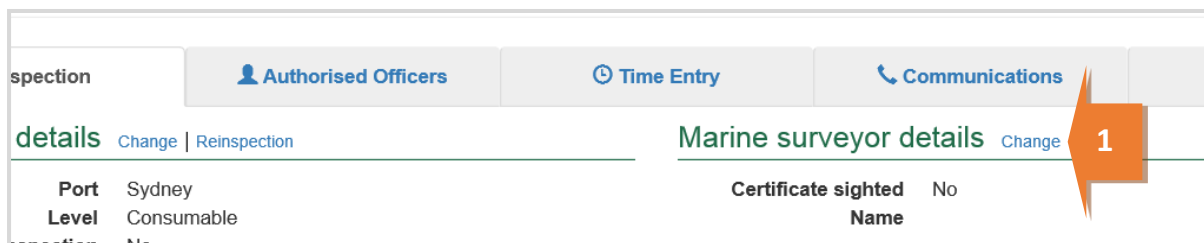
Previous Next Close Save

Open

Recording marine surveyor certificate details

When the bulk vessel inspection level is set to consumable, marine surveyor certificate must be sighted before 'Approved for Loading' is checked for holds that will be loaded with prescribed goods. If any hold or additional area receives a result of failed, the AO can complete the inspection record without recording marine surveyor certificate details.

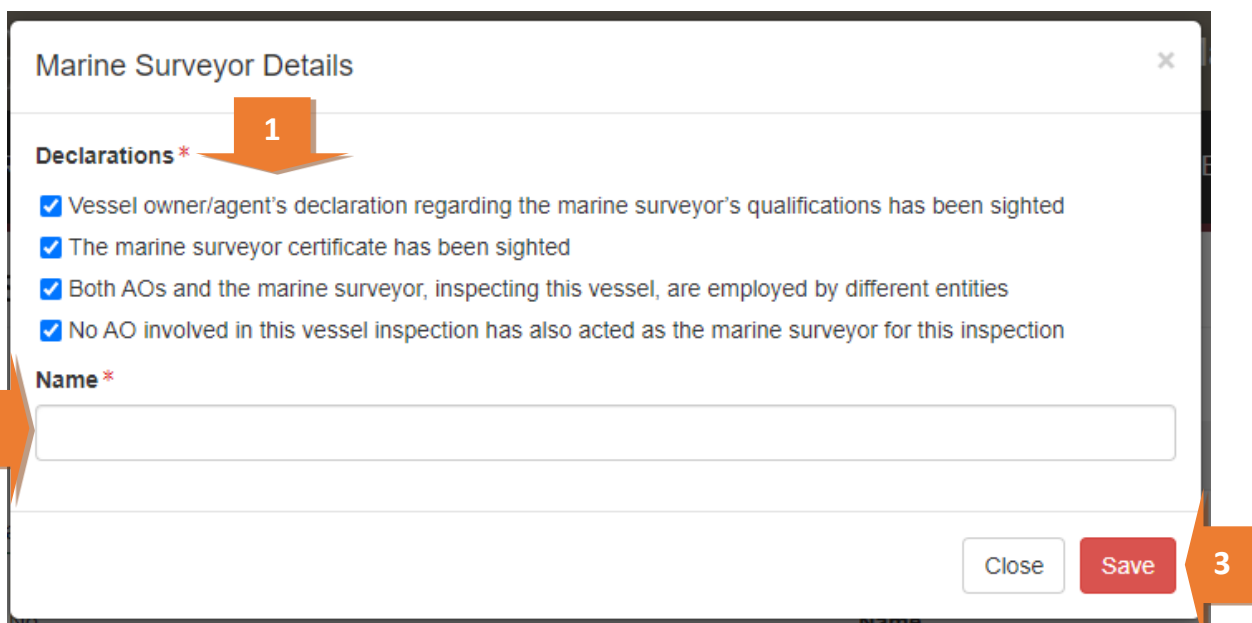
To record the details of marine surveyor certificate that has been sighted, click **Change**¹ under the marine surveyor details section.



Inspection	Authorised Officers	Time Entry	Communications
details	Change Reinspection	Marine surveyor details Change 1	
Port	Sydney	Certificate sighted	No
Level	Consumable	Name	

The *Marine Surveyor Details* window will display.

Select the **Declarations**¹ checkboxes and enter the **Name**² of the marine surveyor who issued the certificate. Click **Save**³.



Marine Surveyor Details

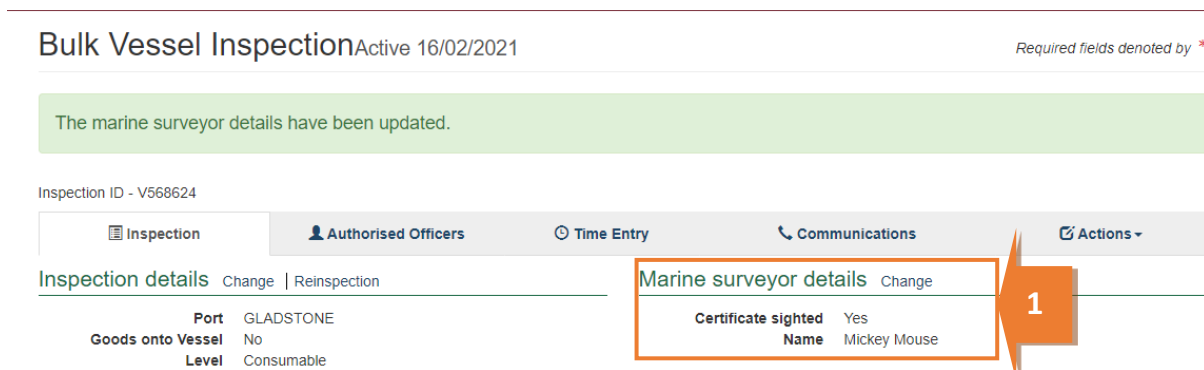
Declarations ¹

- ☒ Vessel owner/agent's declaration regarding the marine surveyor's qualifications has been sighted
- ☒ The marine surveyor certificate has been sighted
- ☒ Both AOs and the marine surveyor, inspecting this vessel, are employed by different entities
- ☒ No AO involved in this vessel inspection has also acted as the marine surveyor for this inspection

Name ²

Close Save **3**

The bulk vessel inspection page will display the **updated marine surveyor details**¹.



Bulk Vessel Inspection

Active 16/02/2021 Required fields denoted by *

The marine surveyor details have been updated.

Inspection ID - V568624

Inspection	Authorised Officers	Time Entry	Communications	Actions
Inspection details	Change Reinspection	Marine surveyor details Change 1		
Port	GLADSTONE	Certificate sighted	Yes	
Goods onto Vessel	No	Name	Mickey Mouse	
Level	Consumable			

Issuing bulk vessel approval

Bulk vessel approval cannot be issued until the following requirements are met:

- Bulk vessels where goods will only be loaded into the holds of the vessel
 - one or more holds must have passed inspection
 - all other holds must be passed for risk of cross contamination
 - holds that have passed, at least one of the holds must be approved for loading
- Bulk vessels where goods will be loaded onto other parts of the vessel
 - holds must be passed for risk of cross contamination
 - one or more additional areas must have passed inspection
 - additional areas that have passed, the area must be approved for loading
 - other additional areas must have passed the risk of cross contamination or N/A.

To issue an approval for the bulk vessel click on the **Inspection**¹ tab and then click **Change**² under the inspection details section.

Bulk Vessel Inspection Active 28/06/2022

Inspection ID - V725117

1

Inspection

Authorised Officers

Inspection details [Change](#) **2**

Port	Sydney
Goods onto Vessel	No
Level	Consumable
Inspection reason	

The *Inspection details* window will display.

From the **Vessel approval status**¹ drop down, select approved. The window will expand requiring an approval date and time. The current date and time will be provided by default.

To change the **Approval time**² enter the appropriate time in 24-hour format (hh:mm). Approval time must be within the first and the last time entry recorded by the AO.

The screenshot shows a web application window titled "Inspection Details" with a close button (X) in the top right corner. The window contains four main input fields, each with a red asterisk indicating it is required:

- Level ***: A dropdown menu with "Consumable" selected.
- Vessel approval status ***: A dropdown menu with "Approved" selected. An orange arrow labeled "1" points to this dropdown.
- Approval date ***: A date input field showing "09/02/2021" with a calendar icon to its right.
- Approval time ***: A time input field showing "10:22". An orange arrow labeled "2" points to this field.

At the bottom right of the window are two buttons: "Close" and "Save".

To change the approval date, click on the **calendar icon**¹ and select the **approval date**² from the calendar. The approval date cannot be in the future.

Once all approval data is recorded, click **Save**³.

The screenshot shows the 'Inspection Details' form. Callout 1 points to the 'Approval date' field which contains '05/02/2021' and a calendar icon. Callout 2 points to the calendar pop-up showing February 2021, with the 5th of February highlighted. Callout 3 points to the 'Save' button at the bottom right of the form.

The bulk vessel inspection page will display the **updated approval details**¹.

The screenshot shows the 'Bulk Vessel Inspection' page. It displays the inspection ID 'V725078' and a table of inspection details. Callout 1 points to the 'Vessel Approval Status' field, which is 'Approved'. Other details include 'Port: Brisbane', 'Goods onto Vessel: No', 'Level: Consumable', 'Inspection reason', 'Approval time: 19/06/2022 10:00', and 'Last updated by: Testing UAT11'.

! Vessel approval time must not be in the future and must be within the start and end time of the inspection record.

Completing and submitting the inspection record

The inspection record can only be submitted in PEMS after:

- all inspection results are recorded
- marine surveyor certificate details are recorded, if applicable
- bulk vessel approval is issued, if applicable
- a **Time Entry**¹ is provided for all AOs who recorded inspection results.
Note: Each AO **must** record their own time entry into PEMS. You cannot complete this on behalf of another AO.
- all attachments and correspondence are added under the **Communications**² tab.

The Take 5 assessment should be performed by each AO; however, the checklist can be attached by any AO involved in inspecting the vessel. When an AO selects the Take 5 Assessment checklist checkbox, a dropdown menu with the list of AOs will appear. This drop down prepopulates all AOs inspecting the vessel and allows the Take 5 checklist to be allocated to the appropriate AO.

From the Communications tab, you must add all documents relevant to the inspection. When attaching documents, select the correct document type.

Attachment

File input *

Choose File No file chosen

Document type *

<input type="checkbox"/> Area Freedom Certificate	<input type="checkbox"/> Assessment Tool
<input type="checkbox"/> Assessment Tool	<input type="checkbox"/> Assessment workbook
<input type="checkbox"/> Assessment workbook	<input type="checkbox"/> Assessment Workbook
<input type="checkbox"/> Bulk vessel loading running record	<input type="checkbox"/> Import Permit
<input type="checkbox"/> Export Delegate Certificate	<input type="checkbox"/> Individual Learning Plan
<input type="checkbox"/> Grower / Packer Certificate	<input type="checkbox"/> Marine Surveyor Certificate
<input type="checkbox"/> Individual Learning Plan	<input type="checkbox"/> Other Document
<input type="checkbox"/> Other	<input type="checkbox"/> Testing Certificate
<input type="checkbox"/> Other Documents	<input type="checkbox"/> Treatment certificate
<input type="checkbox"/> Take 5 Assessment checklist	<input type="checkbox"/> Vessel owner/agent's declaration
<input type="checkbox"/> Transfer Certificate	

A document type is required.

If a required piece of correspondence is missing an error message will be generated.

Details on the Time Entry and Communications tabs can be found in [Section 3: General PEMS functions](#) in the [PEMS AO user guide – Overview and General Functions](#).

When you are ready to submit the inspection record, click the **Actions**³ tab and then click **Submit**⁴.

For more information on **Downloading** the inspection report, **Cancelling** the inspection and **Withdrawing**⁵ from the inspection see [Section 3.6 Actions tab](#) of the [PEMS AO user guide - Overview and General Functions](#).



Once the inspection record is submitted the record will become read-only and you will be unable to make changes to the data provided.

16 Required fields denoted by *

Time Entry	Communications	Actions
1 Marine surveyor details 2 Change		
Certificate sighted No		
Name		
Vessel details		
		3 5 4 Download report Cancel Withdraw Submit

A pop-up window will ask you to confirm that you want to **submit this inspection**¹.

It will also ask if you want to **email the exporter/EDI user on the submission of the inspection**².
When selecting this option, the Inspection submit confirmation box will expand.

Enter the **email address**³, this can be multiple email addresses each separated by a comma.

Enter in any **Comments**⁴ that are to be included in the email.

Click **Save**⁵.

The image shows a 'Inspection submit confirmation' dialog box. It contains two checked checkboxes: 'Are you sure you want to submit this inspection?' (callout 1) and 'I want to email the exporter/EDI user on the submission of the inspection.' (callout 2). Below these is an 'Email Address' field containing 'Exporters.email@gl.com' (callout 3). A 'Comment' text area (callout 4) contains the text: 'Dear Exporter', 'Please note I have submitted the inspection record for RFP1111111 in PEMS, please request Authorisation at your earliest convenience.', 'Kind Regards', and 'AO'. At the bottom right are 'Close' and 'Save' buttons (callout 5).

The bulk vessel inspection record will display as **Completed**¹.

The image shows a 'Bulk Vessel Inspection' record. The status is 'Completed' with a date range '08/02/2021 - 09/02/2021' (callout 1). Below this is a green message box stating 'The inspection has been submitted.' The 'Inspection ID' is 'V568523'. At the bottom are three tabs: 'Inspection', 'Authorised Officers', and 'Time Entry'.

! The date(s) specified on the completed inspection record will be the start date and end date for the inspection. The inspection record date corresponds with the earliest and latest time entry across all AOs for the inspection.

Expiration date for bulk vessel approval

After vessel approval has been issued and the inspection record has been submitted the bulk vessel will be assigned an inspection validity expiry date. This date is automatically calculated as 28 days from the date of the first-time entry. To view the expiry date, click the **Inspection**¹ tab and the **Expiry date**² will display under the Inspection validity section.

If the bulk vessel expiry date is extended, the reason for the expiry date extension can be viewed by clicking **History**³ under the Inspection validity section.

The screenshot shows the 'Bulk Vessel Inspection' form, completed on 19/06/2022. It features a top navigation bar with tabs: 'Inspection' (highlighted with callout 1), 'Authorised Officers', 'Time Entry', 'Communications', and 'Actions'. The main content area is divided into sections: 'Inspection details' (with a 'Change' link), 'Marine surveyor details', 'Vessel details', 'Inspection validity' (with a 'History' link), and 'Results (3)'. The 'Inspection details' section includes fields for Port (Brisbane), Goods onto Vessel (No), Level (Consumable), Inspection reason (Vessel Approval Status), Vessel Approval Status (Approved), Approval time (2022 10:00), and Last updated by (JAT11). The 'Inspection validity' section shows the 'Expiry date' as 17/07/2022 (highlighted with callout 2). The 'History' link under 'Inspection validity' is highlighted with callout 3.

If you click history, the *Expiry History* window will display.

Click **Close**¹ to exit the window.

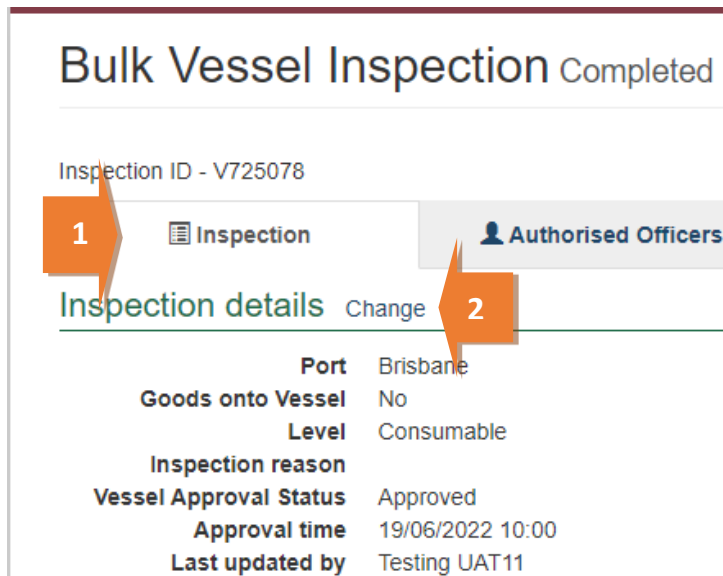
The screenshot shows the 'Expiry History' window, which displays a table of expiry records. The table has columns: 'Expiry date', 'Reason', 'Extended on', 'Extended by', and 'Comment'. The first record shows an expiry date of 03/10/2016, reason of Logistics, extended on 29/08/2016 12:14, and extended by PEMS-DEV Hub-Officer. A 'Close' button is located at the bottom right of the window, highlighted with callout 1.

Issuing suspension of a bulk vessel

The bulk vessel can be suspended, after it has been approved, if it is deemed to no longer meet the requirements for loading. This Vessel Approval Status can only be changed once the vessel approval has been submitted.



See [Section 2.1 Inspection search](#) of the [PEMS AO user guide – Overview and General Functions](#) for more information on how to search for records with the IMO number.

To suspend the bulk vessel, click on the **Inspection**¹ tab and then click **Change**² under the inspection details section.



Bulk Vessel Inspection Completed

Inspection ID - V725078

1  **Inspection**  **Authorised Officers**

Inspection details [Change](#) **2**

Port	Brisbane
Goods onto Vessel	No
Level	Consumable
Inspection reason	
Vessel Approval Status	Approved
Approval time	19/06/2022 10:00
Last updated by	Testing UAT11

The *Inspection details* window will display.

From the **Vessel approval status**¹ drop down, select suspended. The window will expand, requiring a suspension date and time and reason. The current date and time will be provided by default.

To change the **Suspension time**² enter the appropriate time in 24-hour format (hh:mm).

Enter a **Reason**³ stating why the status of the vessel was changed to suspended. This field is mandatory and will appear on the Bulk Vessel Inspection Record.

The screenshot shows the 'Inspection Details' window with the following fields and values:

- Level ***: Consumable
- Vessel approval status ***: Suspended (Callout 1)
- Suspension date ***: 09/02/2021
- Suspension time ***: 10:40 (Callout 2)
- Reason ***: (Empty text box, Callout 3)
- Reason History**: (Empty list area)
- Last updated by**: External-AO PEMS-DEV

At the bottom right, there are 'Close' and 'Save' buttons.

To change the date, click on the **calendar icon**¹ and select the **suspension date**² from the calendar. The date cannot be in the future.

Once all suspended information is recorded, select **Save**³.

The screenshot shows the 'Inspection Details' form. It includes fields for 'Level' (set to 'Consumable'), 'Vessel approval status' (set to 'Suspended'), and 'Suspension date' (set to '09/02/2021'). A calendar pop-up is open for February 2021, with the 9th highlighted. The 'Last updated by' field shows 'External-AO PEMS-DEV'. At the bottom right, there are 'Close' and 'Save' buttons. Three orange callout boxes with numbers 1, 2, and 3 point to the calendar icon, the calendar itself, and the 'Save' button respectively.

Inspection Details

Level*
Consumable

Vessel approval status*
Suspended

Suspension date*
09/02/2021

February 2021

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
5	31	01	02	03	04	05	06
6	07	08	09	10	11	12	13
7	14	15	16	17	18	19	20
8	21	22	23	24	25	26	27
9	28	01	02	03	04	05	06
10	07	08	09	10	11	12	13

Today Clear Close

Last updated by
External-AO PEMS-DEV

Close Save

Confirmation of the update to the inspection details will appear. The record will now show the suspension date and who issued the suspension under **Last updated by**¹.

Bulk Vessel Inspection

Completed 19/06/2022

The inspection details have been updated.

Inspection ID - V725078

Inspection

Authorised Officers

Inspection details

Change

Port

Brisbane

Goods onto Vessel

No

Level

Consumable

Inspection reason

Vessel Approval Status

Suspended

Suspension time

27/06/2022 10:00

Last updated by

Testing UAT11

1

Lifting suspension of a bulk vessel

Where a vessel approval has been suspended, but the issue is able to be rectified the suspension can be lifted. To lift suspension for the bulk vessel, click on the **Inspection**¹ tab and then click **Change**² under the inspection details section.

Bulk Vessel Inspection

Completed 19/06/2022

Inspection ID - V725078

1 Inspection

Authorised Officers

Inspection details

Change

Port

Brisbane

Goods onto Vessel

No

Level

Consumable

Inspection reason

Vessel Approval Status

Suspended

Suspension time

27/06/2022 10:00

Last updated by

Testing UAT11

2

The *Inspection details* window will display.

From the **Vessel approval status**¹ drop down, select **Lift suspension**. The window will expand, requiring a lift suspension date, time, and reason. The current date and time will be provided by default.

To change the **Lift Suspension time**² enter the appropriate time in 24-hour format (hh:mm).

Enter a **Reason**³ stating why the status of the vessel was changed to lift the suspension. This field is mandatory and will appear on the Bulk Vessel Inspection Record.

The screenshot shows the 'Inspection Details' window with the following fields and values:

- Level ***: Consumable
- Vessel approval status ***: Lift Suspension (Callout 1)
- Lift suspension date ***: 09/02/2021
- Lift suspension time ***: 11:52 (Callout 2)
- Reason ***: (Empty text box, Callout 3)
- Reason History**: Vessel approval suspended by: PEMS-DEV External-AO on 09/02/2021 11:45
Reason: Reason will appear in "Reason History" also will be shown on the Bulk Vessel Inspection Record
- Last updated by**: External-AO PEMS-DEV

At the bottom right, there are 'Close' and 'Save' buttons.

To change the date, click on the **calendar icon**¹ and select the **lift suspension date**² from the calendar. The date cannot be in the future.

Once all information is recorded, click **Save**³.

The screenshot shows the 'Inspection Details' form. Callout 1 points to the 'Lift suspension date' field which contains '09/02/2021' and a calendar icon. Callout 2 points to the calendar pop-up showing February 2021, with the 9th highlighted. Callout 3 points to the 'Save' button at the bottom right of the form.

Inspection Details

Level*
Consumable

Vessel approval status*
Lift Suspension

Lift suspension date*
09/02/2021

February 2021

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
5	31	01	02	03	04	05	06
6	07	08	09	10	11	12	13
7	14	15	16	17	18	19	20
8	21	22	23	24	25	26	27
9	28	01	02	03	04	05	06
10	07	08	09	10	11	12	13

Today Clear Close

External-AO on 09/02/2021 11:45
Reason: Reason will appear in "Reason History" also will be shown on the Bulk Vessel Inspection Record

Last updated by
External-AO PEMS-DEV

Close Save

Confirmation of the update to the inspection details will appear. As the suspension has been lifted, the vessel approval status will revert to **Approved**¹.

The screenshot shows the 'Bulk Vessel Inspection' confirmation page. Callout 1 points to the 'Vessel Approval Status' field which contains 'Approved'.

Bulk Vessel Inspection Completed 19/06/2022

The inspection details have been updated.

Inspection ID - V725078

Inspection Authorised Officers

Inspection details Change

Port	Brisbane
Goods onto Vessel	No
Level	Consumable
Inspection reason	
Vessel Approval Status	Approved
Approval time	28/06/2022 13:42
Last updated by	Testing UAT11

Revocation of a bulk vessel

Where a vessel approval has been suspended, and the issue cannot be rectified the suspension will not be lifted and the vessel approval will be revoked.

Once this action takes place the record can no longer be altered.

To revoke the approval for the bulk vessel, click on the **Inspection¹** tab and then click **Change²** under the inspection details section.

The screenshot shows a web interface for 'Bulk Vessel Inspection' with the status 'Completed 19/06/'. Below the title is the 'Inspection ID - V725078'. There are two tabs: 'Inspection' (highlighted with an orange arrow and the number 1) and 'Authorised Officers'. Under the 'Inspection' tab, there is a section titled 'Inspection details' with a 'Change' link (highlighted with an orange arrow and the number 2). Below this is a table of inspection details.

Port	Brisbane
Goods onto Vessel	No
Level	Consumable
Inspection reason	
Vessel Approval Status	Suspended
Suspension time	27/06/2022 10:00
Last updated by	Testing UAT11

The *Inspection details* window will display.

From the **Vessel approval status**¹ drop down, select **Revoked**. The window will expand, requiring a revocation date and time and reason. The current date and time will be provided by default.

To change the **Revocation time**² enter the appropriate time in 24-hour format (hh:mm).

Enter a **Reason**³ stating why the status of the vessel was altered to Revoked. This field is mandatory and will appear on the Bulk Vessel Inspection Record.

Once a vessel approval is revoked it cannot be re-approved unless a new bulk vessel inspection is completed.

The screenshot shows the 'Inspection Details' window with the following fields and values:

- Level ***: Consumable
- Vessel approval status ***: Revoked (Callout 1 points to this field)
- Revocation date ***: 09/02/2021
- Revocation time ***: 12:09 (Callout 2 points to this field)
- Reason ***: (Empty text area, Callout 3 points to this field)
- Reason History**:
 - Vessel approval suspended by: PEMS-DEV External-AO on 09/02/2021 11:45
 - Reason: Reason will appear in "Reason History" also will be shown on the Bulk Vessel Inspection Record
 - Vessel suspension lifted by: PEMS-DEV External-AO on 09/02/2021 11:52
- Last updated by**: External-AO PEMS-DEV

At the bottom right, there are 'Close' and 'Save' buttons.

To change the date, click on the **calendar icon**¹ and select the **approval date**² from the calendar. The date cannot be in the future.

Once all approval data is recorded, click **Save**³.

The screenshot shows the 'Inspection Details' form. The 'Level' dropdown is set to 'Consumable' and the 'Vessel approval status' dropdown is set to 'Approved'. The 'Approval date' field shows '05/02/2021'. A calendar overlay for February 2021 is open, with the 5th of February selected. At the bottom right, there are 'Close' and 'Save' buttons. Three orange callout boxes with numbers 1, 2, and 3 are overlaid on the image. Callout 1 points to the calendar icon, callout 2 points to the date field, and callout 3 points to the 'Save' button.

Confirmation of the update to the inspection details will appear. As the suspension has not been lifted, the vessel approval status will revert to **Revoked**¹.

The screenshot shows the 'Bulk Vessel Inspection Completed' confirmation screen. It displays the inspection ID 'V725078' and a green message box stating 'The inspection details have been updated.' Below this, there are tabs for 'Inspection' and 'Authorised Officers'. Under the 'Inspection' tab, there is a 'Change' link next to 'Inspection details'. A table lists the inspection details: Port (Brisbane), Goods onto Vessel (No), Level (Consumable), and Inspection reason. A callout box with the number 1 points to the 'Vessel Approval Status' field, which shows 'Revoked'. Other fields in the callout box include 'Revocation time' (28/06/2022 10:30) and 'Last updated by' (Testing UAT11).

Related material

The following related material is available on the [website](#):

- Manual of Importing Country Requirements (Micor)
- Protocols and Work Plans
- [Plant Export Operations Manual](#)
 - Reference: PEMS AO user guide – Overview and General Functions
 - *Empty container inspections*
 - *Grain and Plant Product Inspection*
 - *Horticulture inspections*
 - *Bulk into ship hold inspections*
 - *Quality systems recognition inspection*
 - *In-transit cold treatment calibration records*

The following related material is available on the [Learnhub](#):

- Plant Exports Management System (PEMS) video tutorials

Contact information

- Authorised Officer Hotline: 1800 851 305
- Authorised Officer Program: PlantExportTraining@agriculture.gov.au
- PEMS Administration: PEMS@agriculture.gov.au

Document information

The following table contains administrative metadata.

Instructional Material Library document ID	Instructional material owner
IMLS-9-7598	Director, Congestion-Busting Program Change Management, Digital Clearance Service, Digital Trade Initiative

Version history

The following table details the published date and amendment details for this document.

Version	Date	Amendment details
1.0	08/07/2016	New user guide.
1.1	12/07/2016	Minor variations for accuracy and clarity.
2.0	30/09/2016	<ul style="list-style-type: none">• Complete document restructure.• Addition of sections on:<ul style="list-style-type: none">○ Logging into PEMS○ Calibration records○ Calibration search.
2.1	16/12/2016	<ul style="list-style-type: none">• Minor variations for accuracy and clarity• Removal of Appendix F – Calibrations and loading• Removal of Section 2.3 – Calibration search
3.0	09/10/2018	AO user guide updated with PEMS v2.1 enhancements.
4.0	23/05/2019	AO user guide updated with PEMS v3.1 and v3.2 enhancements.
5.0	4/11/2019	Updated with PEMS v.3.3 and 3.4 enhancements.
6.0	3/06/2020	Updated with PEMS 3.5 enhancements.
7.0	28/08/2020	Removal of appendices from <i>Plant Exports Management System (PEMS) Authorised Officer user guide</i> to make each its own user guide.
8.0	10/12/2020	Update with PEMS v3.9a enhancements.
9.0	18/01/2021	Update with PEMS January 2021 release.
10	28/03/2021	Updated for commencement of the <i>Export Control Act 2020</i> and associated Plant Rules.
11	7/06/2021	Remove reference to CGI.
12	13/09/2021	Updated with PEMS September 2021 release.
13	26/07/2022	Updated with PEMS June 2022 release.