MFP

MAAS
SOFTWARE ENGINEERING

Equipment Questions

Quick Start Guide

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Introduction

Cruise applications can contain questions about equipment required to perform the research. This can be carry-on equipment or ship fitted equipment. These questions can be managed in the Project Management module.

Fig 1. Example of equipment questions on an application form.

1 Managing Equipment Questions

Equipment questions can be managed in Ground Data within the Project Management module. Use the top-right menu to go to Ground Data.

Fig 2. Top-right menu with Ground Data selected.
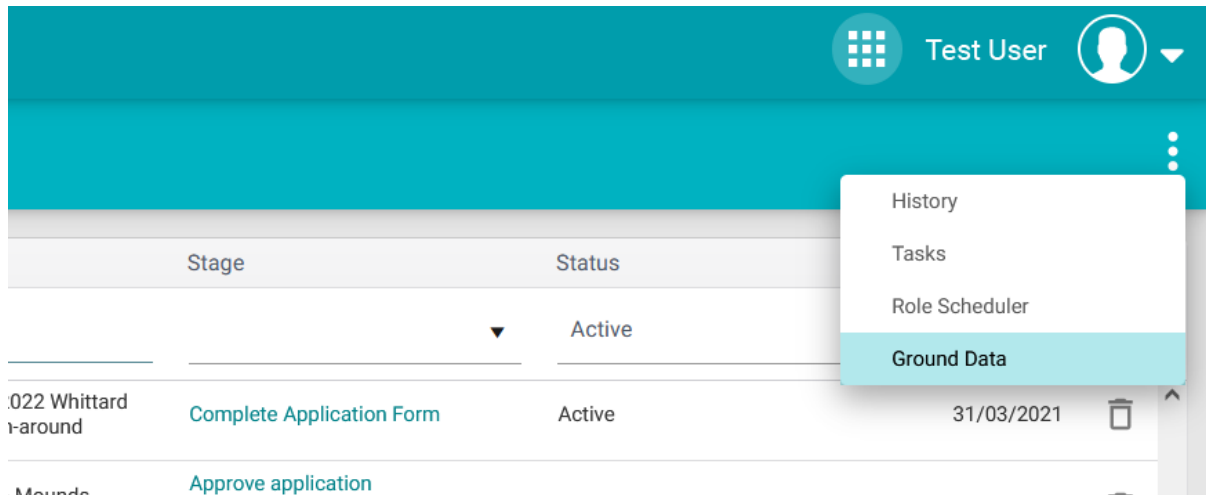
Under Ground Data there are two sections for managing equipment questions: Equipment Questions and Ship Fitted Equipment. Equipment Questions can be used for all equipment that is not fitted to a ship, such as pooled or portable equipment. Ship Fitted Equipment can be used for all equipment fitted to a specific ship.
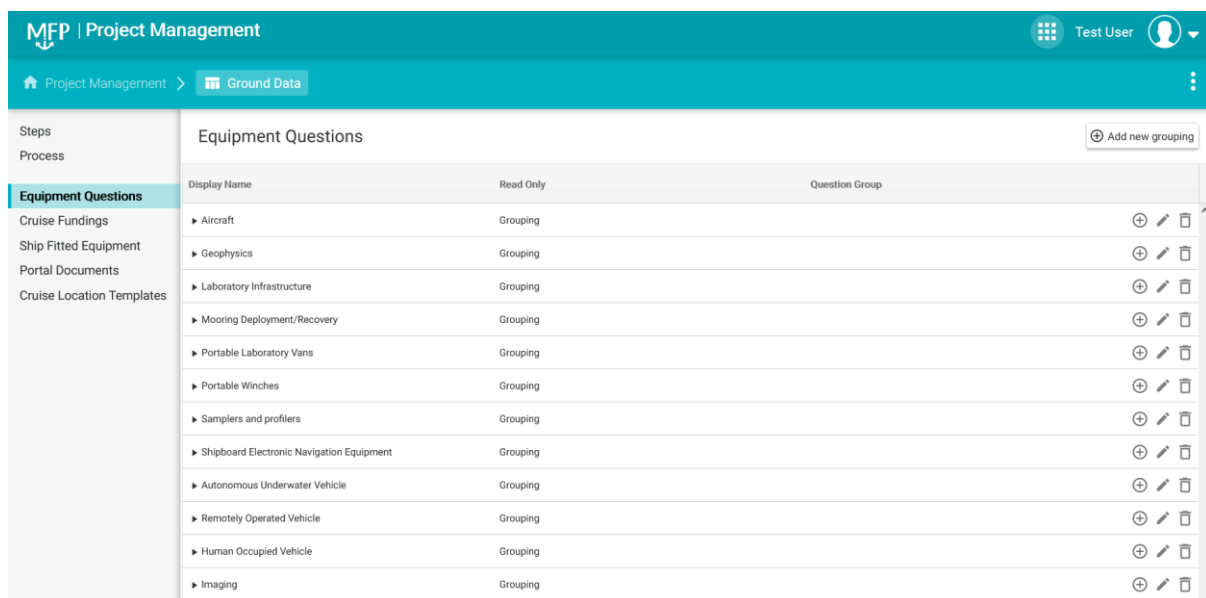

Fig 3. The Equipment Questions section within Ground Data.

2 Pooled and Portable Equipment

2.1 Questions and Question Structure

Questions and question structure (see Fig 4 for an example) can be created using the following items:

Grouping
Heading for creating different sections.

Selectable
A selectable is used to create a unique equipment item[1], Generic Equipment[2] or Equipment Type[3] that can be selected using a checkbox. Only available equipment devices, Generic Equipment or Equipment Type can be used.

[1]*Unique equipment item* *A unique piece of equipment. Only one exists in the equipment library.*

[2]*Generic Equipment* *Equipment that is available in significant numbers or different versions (e.g. boxes, current profilers or acoustic releases).*

[3]*Equipment Type* *A specific type of equipment, such as glider vehicles which can include for example different types of Slocum gliders or Seagliders.*

Question
The equipment question.

Answer
There are different types of answers possible, such as free text, yes/no, multiple options list or date picker. A
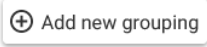
Subheadings can be added by creating a new question and selecting 'Heading 1/2/3' as output type.

2.2 Create Questions

There are a three rules to keep in mind when creating equipment questions.

1. Always start with a Grouping. Without this it is not possible to add selectables and questions.
2. Questions are always linked to unique equipment items, Equipment Type or Generic Equipment (i.e. selectables). This means that questions can only be created for listed equipment. Equipment that is not listed has to be added first in the Inventory Management module. It is not possible to create new equipment in the Project Management module.
3. Newly created selectables and/or questions are only available on applications started after these selectables and/or questions were created. Existing applications, open, pending or completed won't be affected.

Add Grouping

Use ⊕ Add new grouping to add new grouping. Enter a name for the grouping in the pop-up that appears and click 'Save'.

Add Sub Groupings or Selectables

To add a sub grouping or selectable, choose a grouping and click ⊕ . This opens a small list with options:

-   Add Sub Grouping
-   Add Unique Equipment Item
-   Add Equipment Type*

Add Equipment Type is used to add both Equipment Types and Generic Equipment.

◢ Geophysics	Grouping		⊕ ✎ 🗑
Ocean Bottom Seismometers - Other	Selectable	manage (4)	🗑
Ocean Bottom Seismometers - OBSIC	Selectable	manage (3)	🗑
Magnetometer (towed)	Selectable	manage (2)	🗑
Portable Seismic System	Selectable	manage (1)	🗑

Fig 5. Example of a grouping with selectables.

Configure Selectables

There are a couple of configuration options available for selectables. For example, setting an alternate display name and assigning the selectable to specific workflows or ships.

Choose a selectable and click 'manage'. The number next to 'manage' shows the number of questions for that specific selectable.

Fig 6. Example of a selectable with four questions defined.

Display
Display can be used to set an alternative display name for this selectable.

This equipment can be selected in a cruise application
This item is marked for removal. It should be enabled as long as this option is available.

Show as a coloured dot on the programme page
When enabled, a notification dot is added to cruises/voyages for which this equipment is required. The dot will be visible in the Programme and Programme Construction modules.

Responsible
Link a user to this selectable. This can be used for example in sign-offs or to inform this user when this selectable is checked.

Planlist template
Here you can link a Planlist template to this selectable. When this selectable is checked during the application process a Planlist based on the selected template is automatically created.

Workflows
Select workflows in which this selectable should be available. This selectable is available in all workflows when no workflows are selected.

Ships
Select ships for which this selectable should be available. This selectable is available for all ships when no ships are selected.
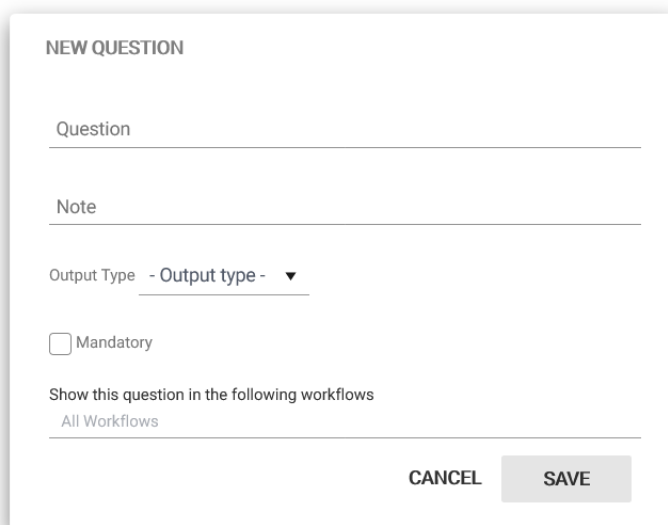
Start a new question.

Preview

Show a preview of the questions as displayed on the application form.

To change the order of questions, use the double arrow (1st column in the questions list) to drag the question up or down.

Add Questions

Questions can be added on the selectable manage screen. Click **New Question** to open the 'New Question' configuration window.

Fig 7. New question configuration window.

Question
Enter the question to be asked.

Note
Add an info note to the question.

Output Type
Select the type of answer, such as free text, yes/no, multiple options list or date picker.

Mandatory
Check if answering this question is mandatory. When checked it is not possible on the application form to go to the next step before this question is answered.

Show this question on the following workflows
Select workflows in which this question should be asked. The question is asked in all workflows when no workflows are selected.

3 Ship Fitted Equipment

Creating questions regarding ship fitted equipment is roughly the same as for pooled or portable equipment. One major difference is that this equipment is not managed in the Inventory Management module. This means that questions cannot, and thus do not have to be linked to existing unique equipment items, equipment types or generic equipment.

Ship fitted equipment questions fall under so called records. In most cases records will have equipment names or types. For each record, ships can be selected for which this question should be available. See fig 8 for examples.

Fig 8. Example of a Ship Fitted Equipment page.

To change the order of items, use the double arrow (1st column in the questions list) to drag the question up or down.

3.1 Add a new record

Click [⊕ Add New Record] to add a new record. This adds a new row at the top of the list. Fill out the fields and click to ✓ save. Use ⊘ to cancel the creation of a new record.

Fig 9. New record example.

3.2 Add Questions

Questions can only be added to existing records. To add questions, choose a record and click 'manage' in the Questions column. This opens the manage questions screen.

Fig 10. Example of a manage questions screen.

Click [New Question] to open the 'New Question' configuration window.

Fig 11. New question configuration window.

Question
Enter the question to be asked.

Note
Add an info note to the question.

Output Type

Select the type of answer, such as free text, yes/no, multiple options list or date picker.

Mandatory
Check if answering this question is mandatory. When checked it is not possible on the application form to go to the next step before this question is answered.

Show this question on the following workflows
Select workflows in which this question should be asked. The question is asked in all workflows when no workflows are selected.