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1 Equipment

1.1 The equipment library

The IMS equipment library contains all devices that can be used or deployed on science voyages. To distinguish different devices, they are subdivided. Devices fall under different equipment types and equipment type families, and these equipment type families fall into one or more main categories.

Main categories

Standard equipment	Equipment that does not qualify for any of the below categories
Container equipment	Equipment that can hold one or more other devices (e.g., ROV frames or boxes). Go to Appendix A - List of container Equipment for a list of container equipment.
Mooring equipment	Equipment that is suitable for mooring deployment (e.g., landers, current profilers, or buoys).
Generic equipment	Equipment that is available in significant numbers or different versions (e.g., boxes, current profilers, or acoustic releases). See 1.6 Generic equipment for how to create a generic equipment template.

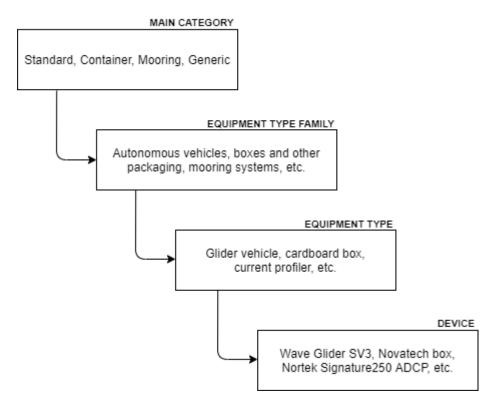


Fig 1. How devices are subdivided in the IMS.

1.2 Equipment overview

The equipment overview page shows all equipment currently present in the database. The top bar offers equipment related actions:

Button	Description
New	Add new equipment to the database
Reporting	Create different types of equipment related posts
Bulk edit	Edit specific equipment properties for multiple items at once
Custom filters	Create custom filters based on usage, project, customs type and maintenance status
Select columns	Show or hide specific columns
Location	Switch equipment storage location

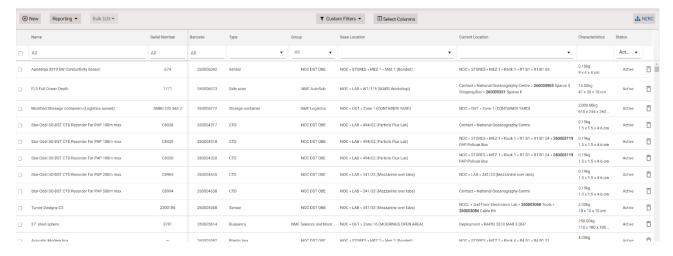


Fig 2. Equipment Overview example.

1.3 Add new equipment

Before you add a new device to the database, check if it already exists in order to prevent duplicates. You can do this by:

- consulting with colleagues.
- checking if the device is already marked with an MFP barcode.
- searching on the device name or serial number. Be aware that entering a serial number for equipment is not mandatory.



If you find a device without barcode in the database, generate a barcode and label the device if possible.

Start adding a new device by clicking the 'New' button. This shows multiple forms (e.g., Details, Financial, Customs, Asset). The available forms may vary by organization. Fill out the forms as completely as possible. This makes it easier to find the device at a later stage.

After saving the forms, additional forms will appear (e.g., Work History, Maintenance and Tracking).

For a complete overview of the different forms and field, go to Equipment forms and fields.

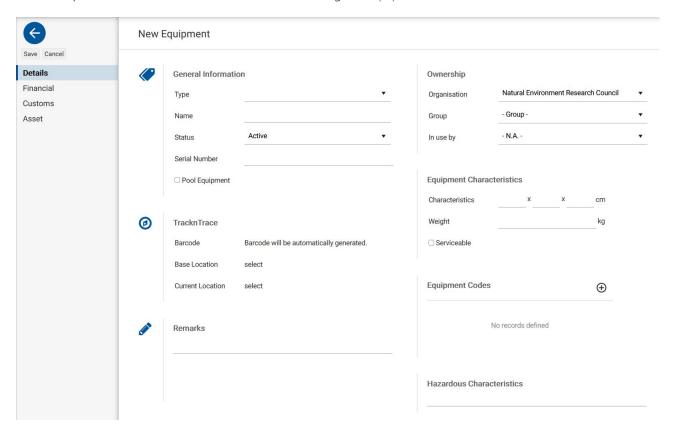


Fig 3. New Equipment page.

1.4 Archiving equipment

Newly added equipment automatically receives the 'Active' status. If a device is discarded or lost, this status must be set to 'Discarded' or 'Lost' accordingly on the equipment details form. This archives the device which means that it is no longer available for planning.

Archived equipment can be reactivated at any time by changing its status. The status change date and executing user are registered and can be viewed in the status change history.

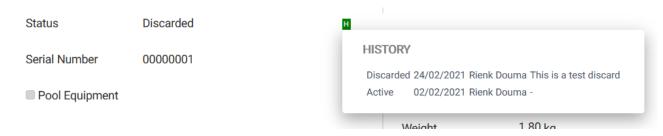


Fig 4. Equipment status history example.

1.5 Deleting equipment

Equipment should under normal circumstances not be deleted. When a specific device is no longer in use or got lost, change the status of the equipment accordingly at the equipment Details form. If for some reason the equipment needs to be deleted, Administrator rights will be required to do so.

1.6 Generic equipment

Generic equipment is a template that can be created for devices or instruments that are available in larger numbers, such as current meters, Niskin bottles or. All items within a generic type have identical properties such as weight and dimensions, but separate serial numbers and barcodes, if applicable. For an overview of the existing templates, see GroundData -> Generic Equipment.

Creating Generic Equipment can only be done by users that have permissions to edit Ground Data.

Start adding a new Generic Equipment type by clicking the 'New' button. Fill out the form as completely as possible. Click 'Save' when you're done. After saving the forms, additional forms will appear (e.g., Customs, Financial and Maintenance).

1.7 Equipment forms and fields

The following is a list of form fields and their descriptions. The fields and input options available may vary by organization.

Equipment Details form

Field	Description
Туре	This is a list of predefined equipment types. If a template is available for the selected type, an additional field called 'Generic Equipment' appears.
Name	The name of the device
Status	Active, Apply for disposal, Discarded, Lost
Serial number	The serial number of the device
HS code	An international standardized code for classifying products
Export license required	Indicate if the government has granted a licensee the right to export this device to specific countries.
Pool equipment	Check if the equipment belongs to an equipment pool
Barcode	The MFP barcode of the device
Base location	The storage location of the device
Current location	The current location of the device
Remarks	Additional information related to the device
Organization	The organization that owns the device

Group	The owner's group responsible for the device. Groups can be managed in the User Management module.
In use by	The user who is currently using the device
Characteristics	The dimensions of the device
Weight	The weight of the device
Serviceable	Indicate wetter the device is serviceable or not
Equipment codes	Addition code (e.g., IMEI for mobile equipment
Hazardous characteristics	UN numbers for when the device contains hazardous content

Equipment Financial form

Field	Description
Nett. Purchase price	Net purchase price of the device
Purchase date	Purchase date of the device
Order number	The supplier order number
Requisition number	The internal order number of the organisation
Supplier	The supplier of the device
Manufacturer	The manufacturer of the device
ZVAT	
Funding	Funding information related to the device purchase (e.g., funding source no.)
Project	Project information related to the device purchase
Asset number	Organisation specific asset number
Asset note	Organisation specific asset notes

Equipment Customs form

Field	Description
Customs price	The value used for calculating import duties
Tariff	The tariff, if applicable
Customs type	Free or bonded
HS code	An international standardized code for classifying products
Export license required	Indicate if the government has granted a licensee the right to export this device to specific countries.
Country of origin	The country of production
Customs description	A short description of the device

Remarks	Additional customs information related to the device
Customs codes	Additional customs codes
BAFA Güter-ID	
ECCN	The Export Control Classification Number
Zutreffende AL	

Equipment Asset form

Field	Description
Asset number	Organisation specific asset number
Asset code	Organisation specific asset code

Equipment Deployment Properties form

Field	Description
Buoyancy	The buoyancy force of the device
Max. depth	The maximum mooring depth of the device
Height	The height of the device that protrudes above the water
Checklist	

Equipment Work History page

Here you can register work carried out on the device.

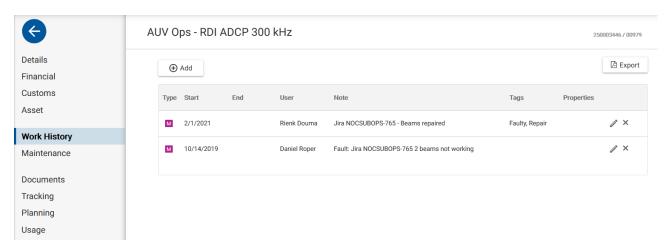


Fig 5. Work history page example.

Equipment Maintenance page

Here you can schedule and register maintenance events for the device. See 1.8 Equipment maintenance and repair on how to manage device maintenance and repair.

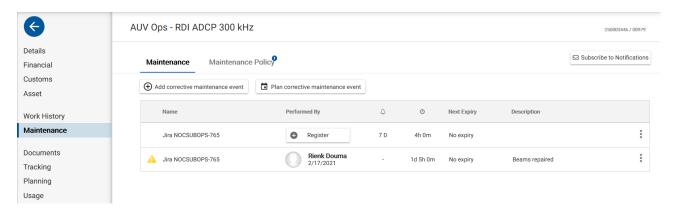


Fig 6. Maintenance page example.

Equipment Documents page

Here you can upload device related documents such as data sheets, user manuals, calibration certificates and pictures.

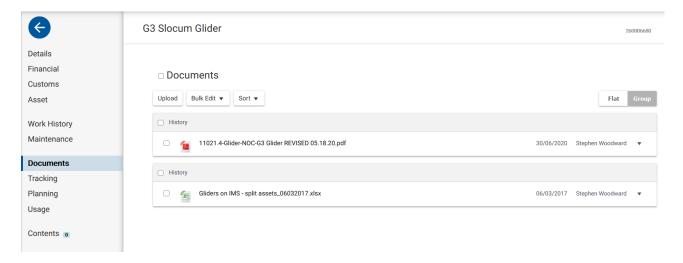


Fig 7. Documents page example.

Equipment Tracking page

Here you can find the movement history of the device such as previous locations, transport dates and responsible persons.

Used symbols:





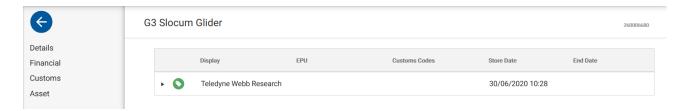


Fig 8. Tracking page example.

Equipment Planning page

Here you can see if the device is already planned for cruises, transports or mooring deployment. You can also plan or register a maintenance event as an appointment blocker. For detailed maintenance management see 1.8 Equipment maintenance and repair.

Color codes:



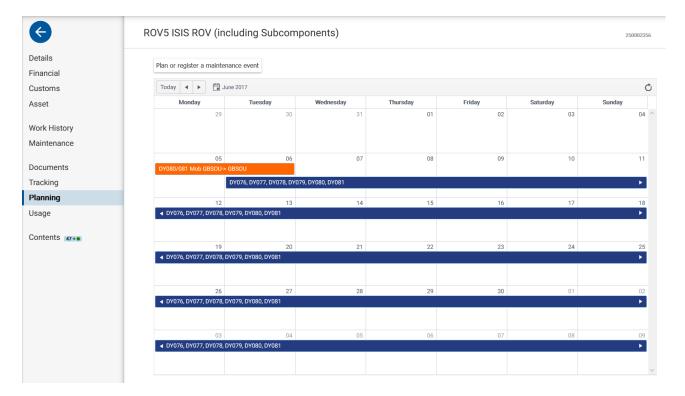


Fig 9. Planning page example.

Equipment usage page

Here you can see the current user and user history of the device.

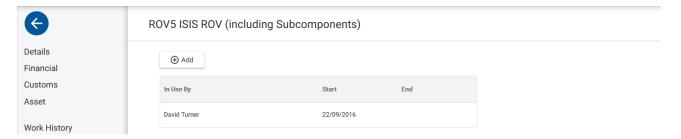


Fig 10. Usage page example.

Equipment contents form

Here you can see a contents list for the device. Managing of the contents can be done on the Tracking page. See 1.9 Add contents to container equipment for how to manage the contents.



The Tracking page is the main tracking page, accessed from the main menu. This is a different page than the device specific equipment tracking page.

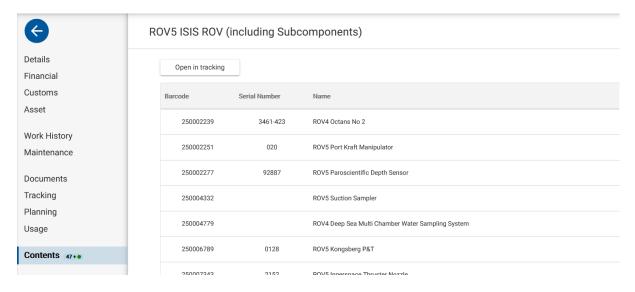


Fig 11. Contents form example.

1.8 Equipment maintenance and repair

Some devices require maintenance or need repair after being damaged. This can be periodic maintenance, pre or post deployment maintenance or maintenance needed because the device does not function properly anymore. But also, calibration or inspection of the device are maintenance events.

Equipment maintenance or repair is managed at the 'Maintenance' page of a device. Here you will see two tabs: 'Maintenance' and 'Maintenance Policy'.

On the 'Maintenance' tab you can see an overview of past and upcoming events and add or plan corrective maintenance events. Use 'Add corrective maintenance event' when the maintenance is already done, and you want to register the event. Use 'Plan corrective maintenance event' if you want to plan an event that falls outside the maintenance policy scope.

On the 'Maintenance Policy' tab you can add new maintenance definitions. Use this for periodic maintenance events or pre and post deployment maintenance.

Color coding used on the 'Maintenance' tab:



Maintenance is postponed.



The due date for the maintenance expires soon.



The due date for the maintenance is expired.

Unscheduled maintenance event.

An overview of all maintenance events for equipment can be found on the home page under 'Maintenance'.

Add a corrective maintenance event

Click the 'Add corrective maintenance' button to register a new event. Fill in the form as completely as possible. Click 'Save' when you are done.

Field	Description
Name	The name of the event
Duration	The time it took to perform the maintenance
Reason for repair	Select a reason from the list
Safety related	Check if the maintenance is needed to secure safety
External contractor	Check if the maintenance is done by an external contractor
Contact*	Select an external contractor from the list of contacts
Add file	Add images or documents related to the event
Notes	Additional information related to the event.

^{*} Only available when external contractor is checked.

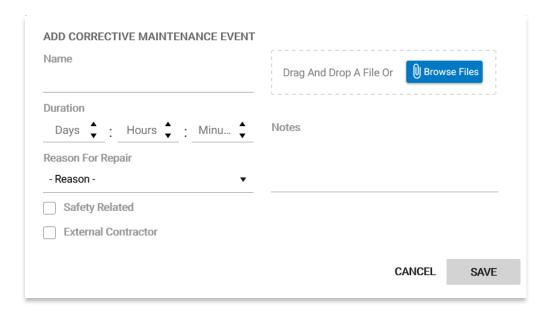


Fig 12. Add corrective maintenance event form.

Plan a corrective maintenance event

Click the 'Plan corrective maintenance' button to plan a new event. Fill in the form as completely as possible. Click 'Save' when you are done.

Field	Description
Name	The name of the event
Time expected to perform work	The time it took to perform the maintenance
Reason for repair	Select a reason from the list
Description	A description of the event
Safety related	Check if the maintenance is required due to safety reasons
Equipment is not operational	Check if the device is not operational due to the reason for repair
External contractor	Check if the maintenance is conducted by an external contractor
Expected time out of action ¹	The expected number of days the device will be out of action
Contact ¹	Select an external contractor from the list of contacts
Add file	Add images or documents related to the event
Next usage	Select when the maintenance should be conducted before the next usage
Due date	Select when the maintenance should be conducted before a specific date
Before ²	Enter the date before which the maintenance should be conducted

¹ Only available when external contractor is checked.

² Only available when due date is selected.

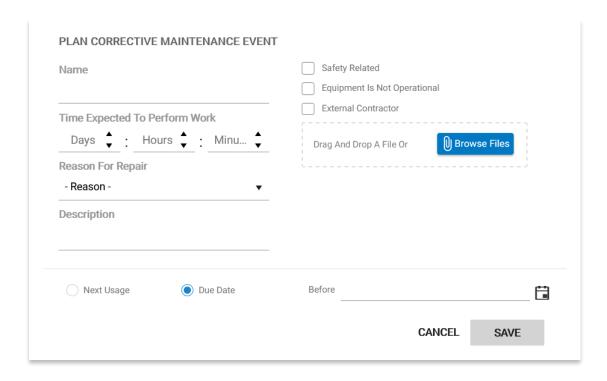


Fig 13. Plan corrective maintenance form.

Add a new maintenance definition

Click the 'Add new maintenance definition' button to plan a new event. Fill in the form as completely as possible. Click 'Save' when you are done.

Field	Description
Name	The name of the maintenance definition
Notify before expiry (days)	The number of days before expiry of the event when a notification must be given
Time expected to perform work	The expected time for performing the maintenance
Safety related	Check if the maintenance is required due to safety reasons
Environment related	Check if the maintenance is required due to environmental reasons
Legal requirement	Check if the maintenance is required due to legal reasons
Calibration	Check if it is a calibration event
Periodic interval	Check if it is a periodic event
Conduct every	Select the period after which the maintenance has to be conducted
Start on	Enter the date when the first maintenance event should be conducted
Maintenance needed to be conducted at start date	Check if the maintenance must be conducted at the start date
Automatically defer maintenance after expiry	Check if the maintenance should be automatically deferred when the due date is expired.

Activity / usage	Check if the maintenance should be conducted before or after deployment
Post-deployment	Check if the maintenance should be conducted after deployment
Pre-deployment	Check if the maintenance should be conducted before deployment
Add file	Add images or documents related to the event
Description	A description of the event
Required capability	Select required capability from the list
External contractor	Check if the maintenance should be conducted by an external contractor
Expected time out of action ¹	The expected number of days the device will be out of action
Contact ¹	Select an external contractor from the list of contacts

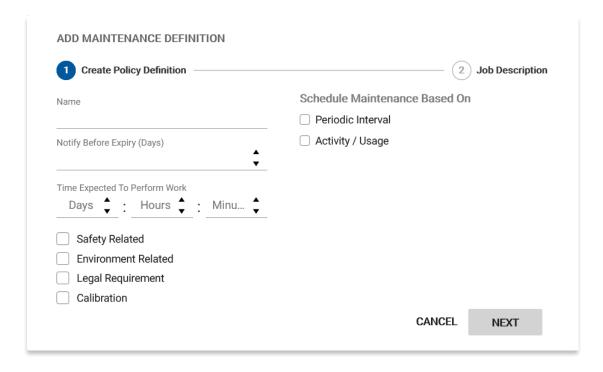


Fig 14. Add new maintenance definition form.

Notifications

If you want to receive notifications for maintenance events, click the 'Subscribe to notifications' button to the 'Maintenance' main page. When you are subscribed, notifications will appear on the home page and in your email.

1.9 Add contents to container equipment

Devices labeled as container equipment such as ROV's, AUV's, boxes and lander frames can have contents. For example, an ROV can have thrusters, flotation vehicles, sensors, and samplers as contents. Or a cardboard box can carry different consumables.

Follow these steps to add contents to a container device:

- 1. Select the container device or create a new one.
- 2. Go to the equipment contents page and click the 'Open in tracking' button. This brings you to the tracking page with on the left side of the screen your selected container device. On the right side you can browse through locations and search for the required contents.

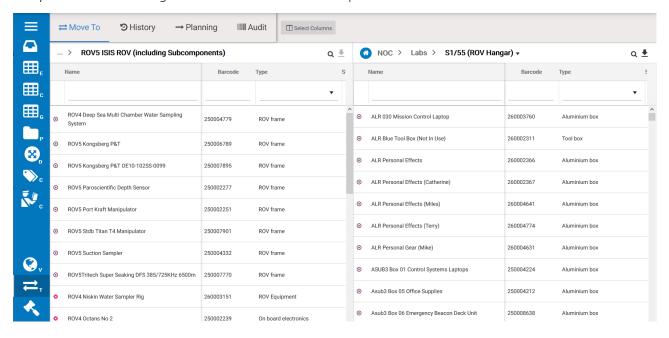


Fig 15. Container device opened in Tracking.

- 3. Contents can then be drag and dropped to your container device. After you added all desired contents, go back to the equipment contents page. You will now see the contents you have just added.
- 4. You can assign contents permanently to the device by clicking on the 'Set as base location' button, if required.

GD Set as baselocation

2 Consumables

Consumables are goods that will be used up during a cruise. There are two types of consumables: single (just called consumable) and multiple. Single consumables are goods without stock management. These are relevant for complete packing lists required by customs. Multiple consumables are goods for which stock is managed in the IMS.

On the 'Consumables Overview' page and in the Planlists, different types of consumables are marked with specific icons:

- Single consumable
- Multiple consumable
- Hazardous content

2.1 Add new consumable

Start adding a new consumable by clicking the 'New' button. This opens the 'New consumable' form. Fill in the forms as completely as possible. The available fields may vary by organization. After saving the form you will have the option to add additional information. To do this, look up the newly created consumable and click on it. This expands four tabs: Properties, Purchase History, Locations and Customs. Use the buttons on each tab to add additional information.

New consumable form

Field	Description
Name	Name of the consumable
Group	The owner's group responsible for the consumable. Groups can be managed in the User Management module.
Туре	Consumable (single) or multiple
Unit	Unit, liter, meter, kilogram
Kg/unit ¹	The weight per unit/liter/meter/kilogram
Description	A description of the consumable
Container	State if the consumable can contain other items
Hazardous	State if the consumable is hazardous
Hazardous substance ²	Select UN number for the hazardous substance
Hazardous outer package	State if the outer package of the consumable is hazardous
Hazardous inner package	State if the inner package of the consumable is hazardous
Mooring suitable	State if the consumable is suitable for mooring
Checklist ³	
Dimensions	The dimensions of the consumable

Buoyancy ³	The buoyancy force of the device
-----------------------	----------------------------------

¹ Appears when multiple and a unit is selected.

Properties tab

Here you can see the different properties of the consumable. These properties reflect the ones entered at the new consumable form.



For multiple consumables the price will be automatically calculated based on the purchase history.

Purchase History tab

Here you can register previous purchases of the consumable as well as register deducted or lost quantities of the consumable. This tab is only available for multiple consumables.

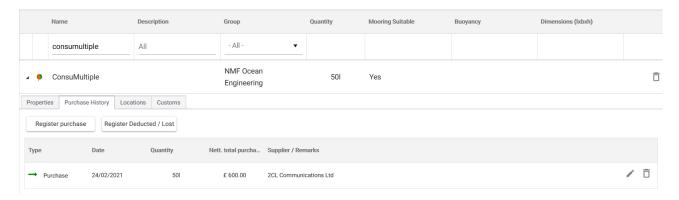


Fig 16. Purchase history tab example.

Locations tab

Here you will find a list of storage locations for the consumable. Each storage location is for the entire quantity for a single purchase. If you want to distribute the purchased quantity over multiple locations, please register the purchase in several postings. This tab is only available for multiple consumables.

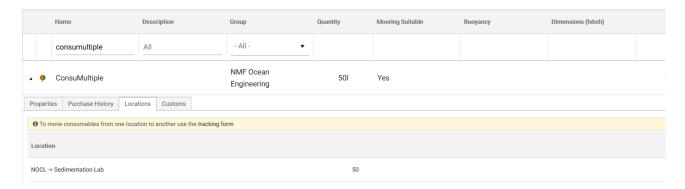


Fig 17. Locations tab example.

² Appears when the consumable is stated as hazardous.

³ Appears when the consumable is stated as suitable for mooring.

Customs tab

Here you can find and edit customs information for the consumable.

Field	Description
HS code	An international standardized code for classifying products
Export license required	Indicate if the government has granted a licensee the right to export this device to specific countries.
Customs description	A description of the consumable
Remarks	Additional customs information in regard to the consumable
Customs codes	Additional customs codes

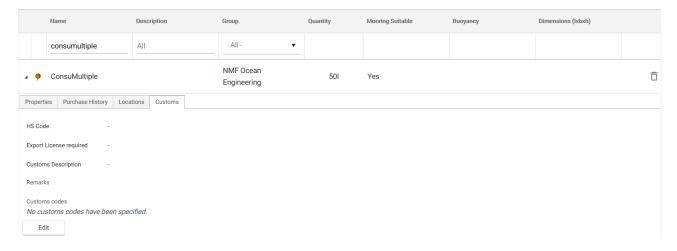


Fig 18. Customs tab example.

2.2 Register purchases and deductions

To register a purchase, click the 'Register purchase' button. Fill in the form as completely as possible and click 'Save' when you are done.

Register purchase form

Field	Description
Quantity	The purchase quantity of the consumable
Nett. total purchase price	Net purchase price of the consumable
Customs price	The value used for calculating import duties
Purchase date	Purchase date of the consumable
Customs type	Free or bonded
Order number	The supplier order number
Requisition number	The internal order number of the organisation

Supplier	The supplier of the consumable
Manufacturer	The manufacturer of the consumable

To register a deduction, click the 'Register Deducted / Lost' button. Fill in the form as completely as possible and click 'Save' when you are done. The deduction will be displayed in the purchase history.

Register deduction form

Field	Description
Туре	The type of deduction (e.g., lost or broken)
Quantity	The quantity of deducted items
Customs type	Free or bonded
Location	The location from which the items are deducted
Purchase date	The date of deduction
Reason	Additional info in regard to the reason of deduction



If the stock of a multiple consumable is O, the item can still be added to Planlists. You will only get a warning during loading of the shipment.

3 Planlists

A Planlist is a list containing all devices and consumables intended for a specific transport, cruise, or deployment. Transports are used to get equipment from one location to the other, for example from its base or current location to the port of departure prior to a cruise. Or to get equipment back to its storage location when a cruise has ended.

If the transport or cruise for which the Planlist is intended already exists, the Planlist should ideally be linked to this transport or cruise. This will automatically reserve the items on the Planlist for the duration of the transport or cruise. The items can than not be planned by others.

For voyages there are three different mobilization variants which define the reservation of the equipment.

- 1. Mobilize and demobilize on the same voyage. The equipment is mobilized for the start of the voyage and demobilized at the end. The equipment will be reserved for the duration of the voyage.
- 2. Mobilize only. The equipment is mobilized for the start of the voyage and then remains on board or is intended for a mooring deployment. The equipment will be reserved for an indefinite period from the start of the voyage.
- 3. Demobilize only. Equipment is still on board a ship and returning from a previous voyage or mooring deployment. The equipment reservation ends when the voyage ends and the ship is back in port.

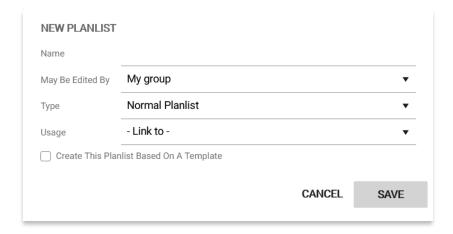


Unless linked to a voyage or transport, the Planlist is only a shopping list, an intention to transport or deploy equipment. It does not create a reservation for the equipment.

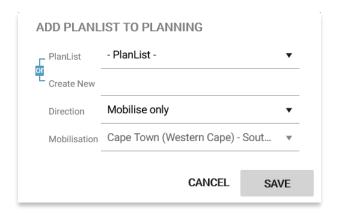
3.1 Create a new Planlist

There are two ways to create a new Planlist:

1. Go to the Planlist Overview page and click on the '+' button. Fill in the form and click 'Save'.



2. Go to the Voyages and Transports page, select the cruise for which you want to create a Planlist, click on 'Mobilisation details', scroll down to Planlists and click 'Add Planlist'. Fill in the form, click 'Save' and then click on the newly created Planlist.



NOTE: When creating a new Planlist via the Voyages and Transports page, it is not possible to do this based on a Planlist template. If you want to use a Planlist template, please start at the Planlist Overview page.

You are now in the Planlist editor. On the top-left you will find generic options related to the planlist:

Change

Change the name of the planlist, select who has the permissions to edit the planlist, and specify or change the purpose of the planlist (e.g. a specific cruise or transport).

Report

Download documents and files related to your planlist:

- Planlist in Excel format
- Packing list for customs
- Shipping labels for specific equipment on your list
- All documents related to the equipment on your list (e.g., calibration certificates, data sheets and work history)
- PDF export of the Planlist content including the content of container equipment

Duplicate

Duplicate the planlist.

Move to

Move the entire content of the planlist to a new storage location.

Just below the generic options is the content area of the planlist. On the right side you can browse for items to include on the Planlist such as equipment, consumables, and hazardous materials.

3.2 Add items to a Planlist

To include an item on the Planlist drag and drop it from the equipment, consumables, or hazardous materials page at the right to the content area on the left. For equipment you can use the filters to narrow down the selection:

Availability Filter

Only show equipment that is available in a certain deployment time window and have not yet been planned elsewhere in MFP. If the planlist is linked to a movement operation, the data are automatically transferred from there. The time window can also be entered manually.

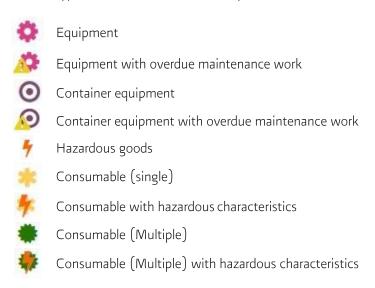
Custom Filters Filter on person, project, customs type or equipment status.

Select Columns Show or hide columns.

Equipment Owner Select the equipment owner. Default settings is the user's organization.

Make sure the planlist reflects the actual packing structure. For example, if you need a certain quantity of glass bottles for samples, first drag and drop a box to the planlist. Then drag and drop the glass bottles onto the box in the content area. This will create a tree structure.

Different type of items are denoted with symbols in the Planlist content area and Planlist Overview.



When adding container equipment with contents to the Planlist, a pop-up appears asking if you also want to include the contents to the list. These contents can consist of items required for deployment or leftovers from a previous deployment. If you are not sure if the contents are required, click 'Yes'. You can always remove specific content that is not required.

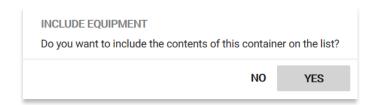


Fig 19. Include equipment dialogue box.

Equipment that is planned elsewhere for the period of use cannot be included. If you try to include equipment that is already planned for the period in question, a warning message appears, and the equipment will not be included. If you try to include multiple equipment items and some of them are already planned elsewhere, none of the equipment items are included. The items already planned elsewhere has to be unchecked first.

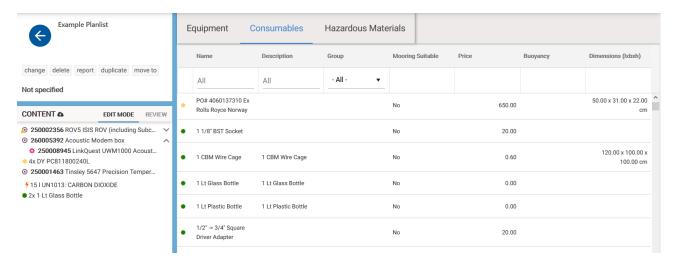


Fig 20. A Planlist example.

3.3 Remove items from a Planlist

To delete an item from the Planlist, select the item in the content area and click 'Remove from list' at the top of the content area.



Fig 21. Remove item from Planlist.

4 Voyages

NOTE: Voyages can also be created in the Programme Construction Module directly from the cruise application.

4.1 Create a new voyage

- 1. Go to the 'Voyages and Transports' page.
- 2. Click 'New'.
- 3. Select 'Voyage'.

This brings you to the 'General Information' setup.

4. Fill out the fields and click the 'Save' button to create the new voyage.

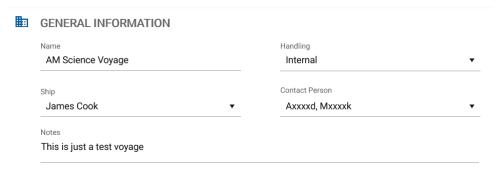


Fig 22. New voyage general information fields.

Now that you have created a new voyage, you can add port call details such as departure/arrival dates and ports, or connected transports. The port call details background remains red until departure port and date, and arrival port and date are selected. After selecting ports and dates, additional fields become available.

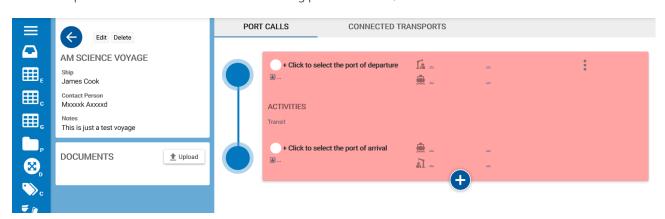
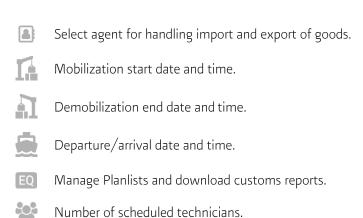


Fig 23. A new created voyage.

4.2 Add additional voyage information

After creating a voyage, additional information such as ports, dates, activities and Planlists can be added.

List of used icons:



Number of return samples.

Add a destination port to the voyage.

Delete individual voyage segments.

Activities can be used to add cruises or deployments to the voyage. When no activities are added the voyage is treated as a transit.

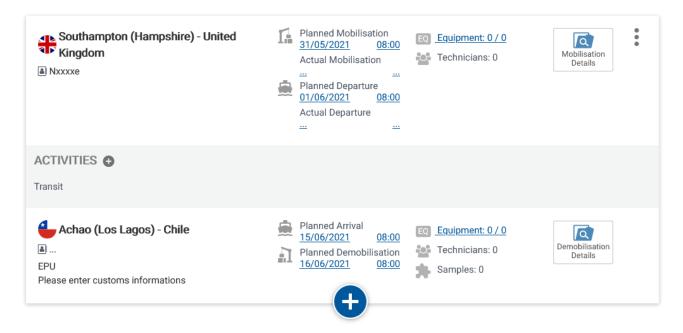


Fig 24. Voyage including departure/arrival ports and dates.

4.3 Attach documents to a voyage

- 1. Click the 'Upload' button in the 'Documents' section. This opens the document upload dialogue box.
- 2. Click 'Select file...' to browse for a file on your computer or paste a link to an online document.
- 3. Enter an alternative document name. When left empty the file name is used.
- 4. Click 'Save' to attach the document to the voyage.

Repeat the above to attach more than one document.

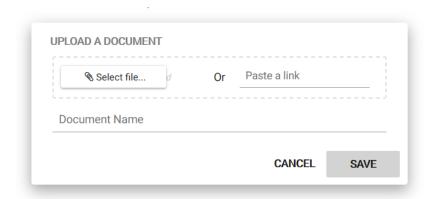


Fig 25. Upload document dialogue box.

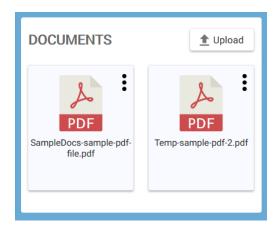


Fig 26. Documents section including documents.

5 Transports

Transports can be used to move equipment or other goods between locations or between location and ship.

5.1 Create a new transport

- 1. Go to the 'Voyages and Transports' page.
- 2. Click 'New'.
- 3. Select 'Transport. This opens the configuration page for the new transport.

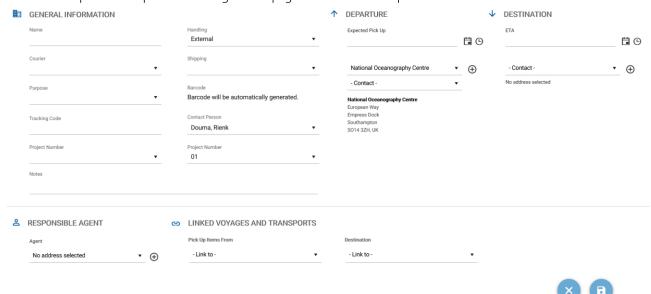


Fig 27. New transport configuration page.

- 4. Fill out the fields as complete as possible and click the 'Save' button to create the new transport.
- 5. After clicking 'Save' a pop-up with follow-up actions is opened. Select follow-up actions if required and click 'Save'.

The transport is now available in the Voyages and transports overview, with status 'Planning'. When the transport departs, status will change to 'Active'. You can now add existing Planlists to the transport, create a new Planlist, or upload documents.

Add new transport form fields

Field	Description
Name	Name of the transport
Courier	Select a courier from the list
Purpose	Select the purpose of the transport
Tracking Code	The tracking code
Project Number	Select a project from the list
Notes	Any additional information

Handling	Internal or External
Shipping	The type of shipping (e.g., air freight or ship)
Bar Code	Automatically generated bar code
Contact Person	The name of the contact person for this transport
Project Number	Sequential number for the selected project
Expected Pick Up	Expected date/time for the pick-up
Departure Contact	Select a contact from the list or add a new contact
ETA	Estimated date/time of transport arrival
Auto arrive transport	When checked, the arrival is automatically registered on ETA
Destination Contact	Select a contact from the list or add a new contact
Entry Processing Unit	
Custom Entry FCG	
Customs Entry CW	
Agent	Select an agent from the lust or add a new agent
Pick Up Items From	Select a voyage/cruise or transport from which the items should be picked up
Destination	Select a voyage/cruise or transport to which the items should be delivered



Please note that when 'cruise/voyage' was selected under 'purpose', you will be reminded to link the transport to the cruise/voyage the equipment is meant for. Linking transports to cruises has advantages, such as an actual reservation of the selected equipment and automatic loading of the equipment during mobilisation.

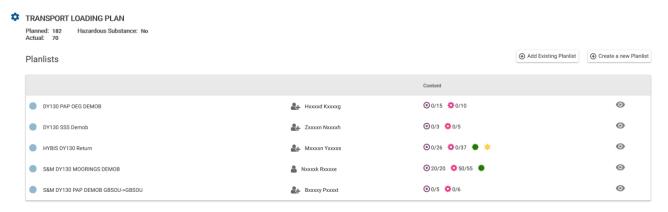


Fig 28. Transport loading plan example.

5.2 Linking transports to voyages

When, for example, a transport is used to get cruise specific equipment to the ship or to return equipment used on a cruise, it can be linked to that cruise. There are two ways to link a transport to a voyage:

- 1. Fill out the 'Linked Voyages and Transport' section when creating a transport. If the transport is used to get goods to a ship prior to a cruise, select the cruise under 'Destination'. If the transport is used for return equipment, select the cruise under 'Pick up items from'.
- 2. If the Planlist loaded onto the transport is linked to a cruise, then the transport will be automatically linked to that cruise.

5.3 Load Planlist items prior to departure

The Planlist, or specific Planlist content must be loaded prior to departure. Loaded items will be displayed as 'Actual' under the Transport Loading Plan and the transport will become the 'current location' of the equipment. Once the transport has departed loading is no longer possible. Click 'Load' to start loading. This will bring you to the Tracking page. On the left side you will see the transport. On the right side you can browse to a Planlist. See the table below for a description of the grouping. Using drag and drop you can add a complete Planlist, or specific items from a Planlist, to the transport.



Fig 29. Options related to departure.

All (flat)	All items on all planning lists belonging to the transport are displayed, without consideration of the package structure; items can only be loaded individually.
All (hierarchy)	All items on all planning lists belonging to the transport are displayed in the package structure; items or packages can be loaded individually here.
Other planlists	All Planlists belonging to the transport that were created by other MFP users are displayed; each Planlist is loaded completely in one go, a query is made from which storage locations the multiples are to be loaded on the Planlist.
Own planlists	All the Planlists belonging to the transport that you have created yourself are displayed; each Planlist is loaded completely in one go, a query is made from which storage locations the multiples on the Planlist are to be loaded.

5.4 Generate reports

Different reports can be generated, such as a packing list or a proforma invoice for customs. Use to open the selection of reports that can be generated. Select a report from the list and click 'Create Report'.

5.5 Registering departure and arrival

When the transport is picked up by the courier, the departure should be registered in MFP. The status will then change from 'planning' to 'Active'. At this stage, it is no longer possible to load equipment onto the transport.

Upon arrival of the transport at the destination, the arrival should be registered in MFP. If the transport was linked to a cruise, the equipment will automatically be transferred to the ship when mobilisation is registered. If the arrival of the linked transport wasn't registered, you will receive a message if you try to register the departure of the ship, notifying you that a linked transport has not been loaded and asking if you want to load the equipment now.

Appendix A - List of container Equipment

Below is a list of all equipment types that have the attribute 'container' in the MFP. Other devices within the device database can be inserted into these device types. They are marked with the symbol in the task lists.

AUV -> Glider -> Glider component

AUV -> Glider -> Glider vehicle

AUV -> Long Range AUV -> frame

AUV -> Long Range AUV -> hull

AUV -> Long Range AUV -> onboard electronics

AUV -> Short Range AUV -> frame

AUV -> Short Range AUV -> hull

AUV -> Short Range AUV -> Towfish systems

AUV -> Towed systems -> frame

AUV -> Towed systems -> hull

AUV -> Unmanned Surface Vehicle -> USV vehicle

Boxes and other packing - > all entries

Geophysics -> Magnetics -> Frame

Geophysics -> Seismic systems -> Frame

HOV -> HOV Vehicle

Laboratory infrastructure -> Liquid Nitrogen Generator

Mechanical handling equipment -> Lifting and loading equipment -> Container baseplates

Mechanical handling equipment -> Trolleys

Mooring systems -> Landers

Mooring systems -> Mooring hardware -> Instrument frames

ROV -> ROV frame

Samplers and profilers -> Profiling Body

Samplers and profilers -> Towed body

Samplers and profilers -> Underwater multiplexer

Samplers and profilers -> Water samplers -> CTD frame

Samplers and profilers -> Water samplers -> Rosette

Samplers and profilers -> Water samplers -> UCC

Sea containers - > all entries

Video equipment -> HD towed video frame -> Frame

Video equipment -> Video drone

Winches, sheaves, and cables -> Winches - > all entries