




MFP Updates

RVOC 2026
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Project Support Review & Agreement

The “Cruise Contract”



Project Support Review & Plan

Two phased approach

- *PHASE 1: Project Support Review*

Catch early issues BEFORE putting it on the schedule

- *PHASE 2: Project Support Agreement*

Make sure all are on the same page after Cruise Planning

Each phase will be signed off by a representative from the operator, the facility in use (if applicable) and the PI/CS.

For both Phase 1 & 2, MFP will generate reports and the relevant parties will “sign off” through MFP.

PHASE 1: Project Support Review

- *Preliminary* review of the project.
- Will be a step added to the MFP **SME** Workflow
- Stakeholders (Ship Operator, any requested facilities, and the PI/CS) will review/update the SME as required
- All will “sign off” that this is their level of support as well as the designated ship time (e.g. mobilization, time at sea, etc).

This step will occur prior to the project added to a PUBLISHED schedule.

PHASE 2: Project Support Plan

- Final review of agreed upon support
- Step added to the **Cruise Planning** Workflow
- Completed later in the cruise planning process (~1-2 months? Prior to cruise start date)
- Signed off by all stakeholders (Ship Operator, any requested facilities (e.g. NDSF, Pools, MarSSAM), and the PI/CS

This will be one of the last steps of the Cruise Planning Workflow.

MFP Sections in PSP

- Permits and Clearances
- Radioactive Material
- Cruise Questionnaire [DSA]
- Pre-Cruise Planning Meeting
- Deck & Lab Plans
- Cruise Participants
- Hazmats & Waste
- Berthing Plan [simplified]
- Attachments & Vessel Documents
- Cruise Location Planning
- Science Cargo & Samples
- Engineering Services
- Bandwidth needs

REMINDER OF POST CRUISE OBLIGATIONS

**Sections in GREEN to be a
part of the PSP
Should others?**

| | | |
|----------------------------|--------------|--------------|
| ✓ Cruise Questionnaire | May 09, 2026 | Feb 19, 2026 |
| ✓ Deck & Lab Plans | May 09, 2026 | Feb 19, 2026 |
| ✓ Cruise Location Planning | Jun 08, 2026 | Feb 19, 2026 |
| ✓ Engineering Services | May 09, 2026 | Feb 19, 2026 |

^ Permits and Clearances Overview of all the sections that are in the Project Support Plan

Permit & Clearances Info

^ Radioactive Material

Radioactive Material Info

^ Cruise Questionnaire

Activate Windows
 Go to Settings to activate Windows.

Save Submit



Step Summary

Table indicating when a step was due and when it was completed

| Step | Due Date | Date Submitted |
|--|----------|----------------|
| <input checked="" type="checkbox"/> Complete cruise request form | — | Feb 19, 2026 |
| <input type="checkbox"/> Add cruise request to schedule | — | — |
| <input checked="" type="checkbox"/> Confirm Funding & Grant # | — | Feb 19, 2026 |
| <input type="checkbox"/> Promote to ship specific | — | — |

ACKNOWLEDGEMENT

Acknowledgement Section - lists who would acknowledge- , they can comment and/or acknowledge

I have read the information in the Project Support Review and reviewed the amount of time to be scheduled for this project and attest that the information reflects the support required for this project at the time of scheduling.

| Person | Role | Comment | Acknowledged |
|--------------------|---------------------------|---------|--|
| QA Mariia Kitaieva | Pooled Eqp Logistics Lead | — | <input checked="" type="checkbox"/> Acknowledged |

Outstanding Questions:

- Due Dates?
- When to implement?
- What happens if this is not done on time?

Inventory Management Module

Backbone of MFP

Central hub for managing equipment & logistics. Its primary purpose is to ensure that all portable and fixed equipment, as well as associated logistics, are organized and coordinated with scheduled scientific cruises.

Life Cycle Management: The system tracks the deployment history, maintenance schedules, and calibrations for individual pieces of equipment.

PlanLists: Equipment is grouped into "PlanLists" for specific voyages. This allows the system to track exactly what hardware is onboard for a given cruise.

Transports: The module manages the shipment of equipment via linked transports, tracking items from land-based storage to the vessel.

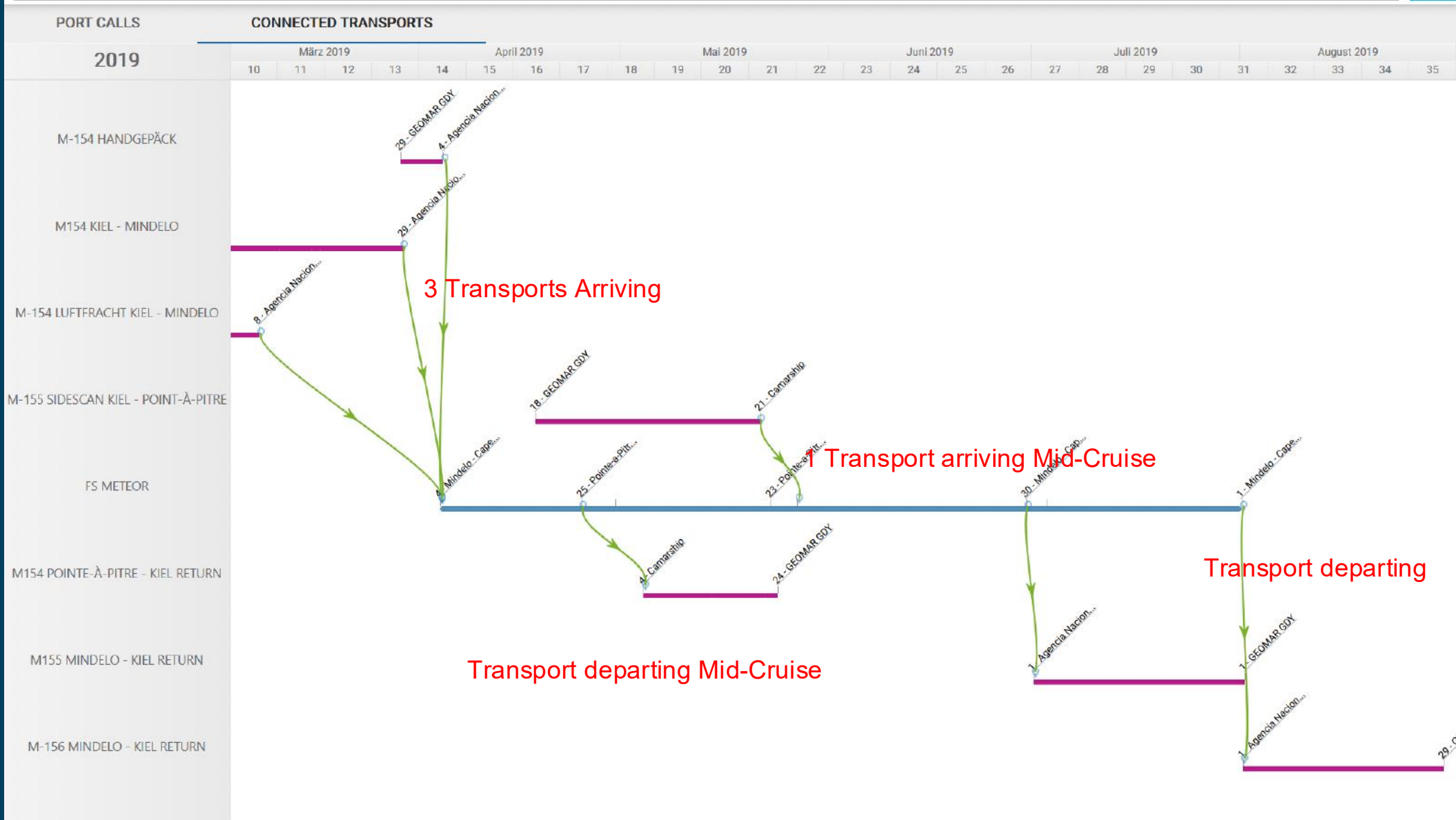
Shipment reports (e.g. customs, etc) created right from MFP.

Database of Partners: The IvM module acts as a directory for manufacturers, suppliers, and shipping agents.

UNOLS Office has the bandwidth to assist pools and interested institutions. Tutorials and guides are available.



Transports linked to voyages / cruises



Equipment as Facilities

If item is selected on the SME, once the cruise planning workflow is generated,

- a separate dedicated tab will with associated questions about this item will be a part of the Cruise Questionnaire.
- Notifications can be sent out to Facility Owners

More flexibility than the old set-up
GREAT FOR Facilities & Pools!

Winch Pool Portable Winch

Display Name
Winch Pool Portable Winch

Description

Image
Drop files here to upload
Select file

Settings

Responsible Users
Select the users responsible for this asset

- Heather Galiher X
- Heather Galiher X
- Stefani Martynenko X

Ships

- RV Thomas G. Thompson X
- R/V Sikuliaq X
- R/V Sally Ride X
- R/V Roger Revelle X
- RV Neil Armstrong X
- RV Marcus G. Langseth X
- RV Kilo Moana X
- RV Atlantis X
- RV Atlantic Explorer X
- RV Taani X
- USCGC Healy X
- RV Pelican X

Workflow(s)
Select in which workflows this asset can be requested

- SME X
- CPM-UWTGT X
- CPM-WHOI X
- CPM-WHOI X
- CPM-UCSD X
- CPM-UCSD X
- CPM-UAF X
- CPM-UH X

Create separate page in application when requested

Show as a coloured dot on the programme page

Display in Research Planner

Cancel Save



Hazmat Step Improvements

New Implementation:

- MFP now stores previously used hazmat information for future use.
- More information is requested from scientists regarding hazmats, including methods of removal and delivery to the vessel for each hazmat.

Tracking involves an approval process:

- Items must be approved for use on a specific cruise.
- New hazardous items must be approved for addition to the Inventory Management (IvM) ground data list.

On the horizon:

- Bulk upload
- Working with third party to populate SDSs.

The screenshot shows the 'Hazardous Materials' form in the UNOLS Project Management system. The form is titled 'Hazardous Materials' and includes a table for entering data. The table has columns for: Hazardous Substance, IMDG Class, CAS Number, Degree of Hazard, Storage Hazard, Incompatible Materials, Manufacturer, Man Part #, Concentration, Primary Container Size, Primary Container Type, # of Primary Containers, Total Qty, and Remarks. Below the table, there are several sections for additional information, including a statement of responsibility, a section for other relevant information, and a section for lithium batteries. A list of required fields is shown on the right side of the form, including: Ship Name, Alt ID, Hazardous Substance, IMDG Class, CAS Number, Degree of Hazard, Storage Hazard, Incompatible Materials, Manufacturer, Man Part, Concentration, Container Size, Container Type, Quantity of Containers, Total Qty, Primary User, Marine Pollutant, Method of Delivery to Vessel, Method of Removal for Unused Hazmat, Method of Removal of Generated Hazmat Waste, Subsequent Responsible Party, Institution / Cruise ID, Email, and SDS. The form also includes buttons for 'Export', 'Download SDS', 'Add New Hazardous Substance', 'Save & Submit', and 'Save'.



Future Developments

- NDSF Scheduling
- Personnel Planning Module
- Improvements to Ship Fitted & Pooled Equipment step of the SME
- Adding USGS layers of areas of interest for seabed characterization
- Public General USARF Inventory (STRS)



Open Discussion:

- Pros and cons of MFP at the moment?
- What do we need to improve on?

Would love for smaller vessels to join the MFP Cruise Planning party!

Training is available on demand! mfp@unols.org

