UNOLS Report

DeSSC 2021 Spring Meeting

10, 11 June

Zoom!

Highlights

- Updated COVID-19 guidance
- Marine Facilities Planning Roll-out
- 2022 Scheduling
- UNOLS Council – Topics of Focus

Updated COVID-19 Guidance

4Jun21

Fully Vaccinated Crew & Science Party

	Action Required
Pre-Travel Testing	None
Self- Quarantine	None
Pre-Boarding Symptom Tracking	7d prior to boarding
Embarkation Testing	Testing based on pre-boarding symptom screening.

Updated COVID-19 Guidance

If the crew and science party are not fully vaccinated

	Tier 1		Tier 2	
	Unvaccinated	Vaccinated	Unvaccinated	Vaccinated
Pre-travel Testing	PCR^2	PCR^2	PCR^2	None
Self-Quarantine	7 days	7 days	7 days	None
Self-Quarantine Exit Test	PCR^2 d5 or Ag d7	PCR^2 d5 or Ag d7	PCR^2 d5 or Ag d7	NA
Pre-boarding Symptom Tracking	7d prior to boarding	7d prior to boarding	7 d prior to boarding	7 d prior to boarding
Embark Testing	N/A	N/A		Testing based on Pre-board Symptom Screening

2 - Reverse transcription polymerase chain reaction or other CDC recognized NAATs also acceptable - Nucleic Acid Amplification Test – see: https://www.cdc.gov/coronavirus/2019-ncov/lab/naats.html reaction

Ag – Antigen test

MFP Marine Facilities Planning

Request an account   About   Schedule

Welcome to
Marine Facilities Planning

This website allows scientists to request ship time
on the vessels of the U.S. Academic Research Fleet.

Enter the system

alice@unols.org

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Forgot Password   Login

mfp.us
Science Portal Module

- **Science Portal** (where PIs make requests) is open and collecting information
  - PIs request ship time through the Ship-time and Marine Equipment (SME) application.
  - Any requests for ship time for 2022 and beyond should be entered into mfp.us
  - Each cruise must have a separate SME

MFP | Scientist Portal

Click the blocks to show the available modules

Alice Doyle - UW

HOME | MY EQUIPMENT | VOYAGES AND CRUISES | MY PROFILE | HELP & DOCUMENTATION

Schedule | Research Planning | Scientist Portal

Hello Alice Doyle - UW ,

Welcome to your personal UW portal. Here you can apply for ship time and use of national marine facilities and/or pooled equipment. You can also manage your personal equipment.

To see an overview of the scheduled cruises have a look at the UW Schedules

+ New Application — Click here to start a new request

Active Applications ← Shows your applications already in system

21/573 - New Application
view workflow
⚠ The following requires your action:
  • Complete cruise request form
Duplicate

21/572 - New Application
view workflow
⚠ The following requires your action:
  • Complete cruise request form
Duplicate

mfp.us

Research Planner Module

- Research Planner is an incredible tool to help plan cruises.
  - Add Ports
  - Add or import waypoints
  - Change ship speed
  - Change time on station
  - Plan Stations
- Available to anyone with an account at mfp.us

MFP | UNOLS / UW Untitled Project

Alice Doyle - UW

📄 File ▾   📊 Statistics   🔗 Link To MFP Application   (future feature)

Save file for future

📍 LOCATION   📋 STATION DETAILS   🕐 TIME TABLE

Total Time:	Travel Time:	Time at Stations:	Total Distance:
9d 19h	6d 3h	3d 16h	1465nm

≡ Suggest Order   ⬆ Export   Routing ON

Seattle (Washington) - United States ▾   Choose Start/End ports
(Lat:47° 40.19' N; Lon.:122° 34.01' W)

Order/Type	Station Meta	Sea Depth	Ship Speed	Time Needed
⇣	410.49 NM	get route	10 knots	Update Ship Speed
1 📍 🇨🇦	Sampling Station	3167m 🗑	-	0d 0h 45m Update time required on station
⇣	94.50 NM	get route	10 knots	0d 9h 27m
2 📍 🇨🇦	Sampling Station - 2	2870m 🗑	-	0d 0h 45m
	System alerts if station is in an EEZ	get route	10 knots	1d 7h 6m
3 🚢	Research Area	Middle Speed Survey 🗑		3d 14h 50m
⇣	649.05 NM	get route	10 knots	2d 16h 54m

Seattle (Washington) - United States ▾
(Lat:47° 40.19' N; Lon.:122° 34.01' W)

Position: 56.5994, -115.9092
Elevation: 642m

300 km

Add new

♀ Sampling Station   🗑
🧡 AUV Station
💚 ROV
🧡 Glider Station
➕ Mooring
📍 Lander

📍 Waypoint

⛶ Research Area
〰 Transect

⬇ Import Coordinates
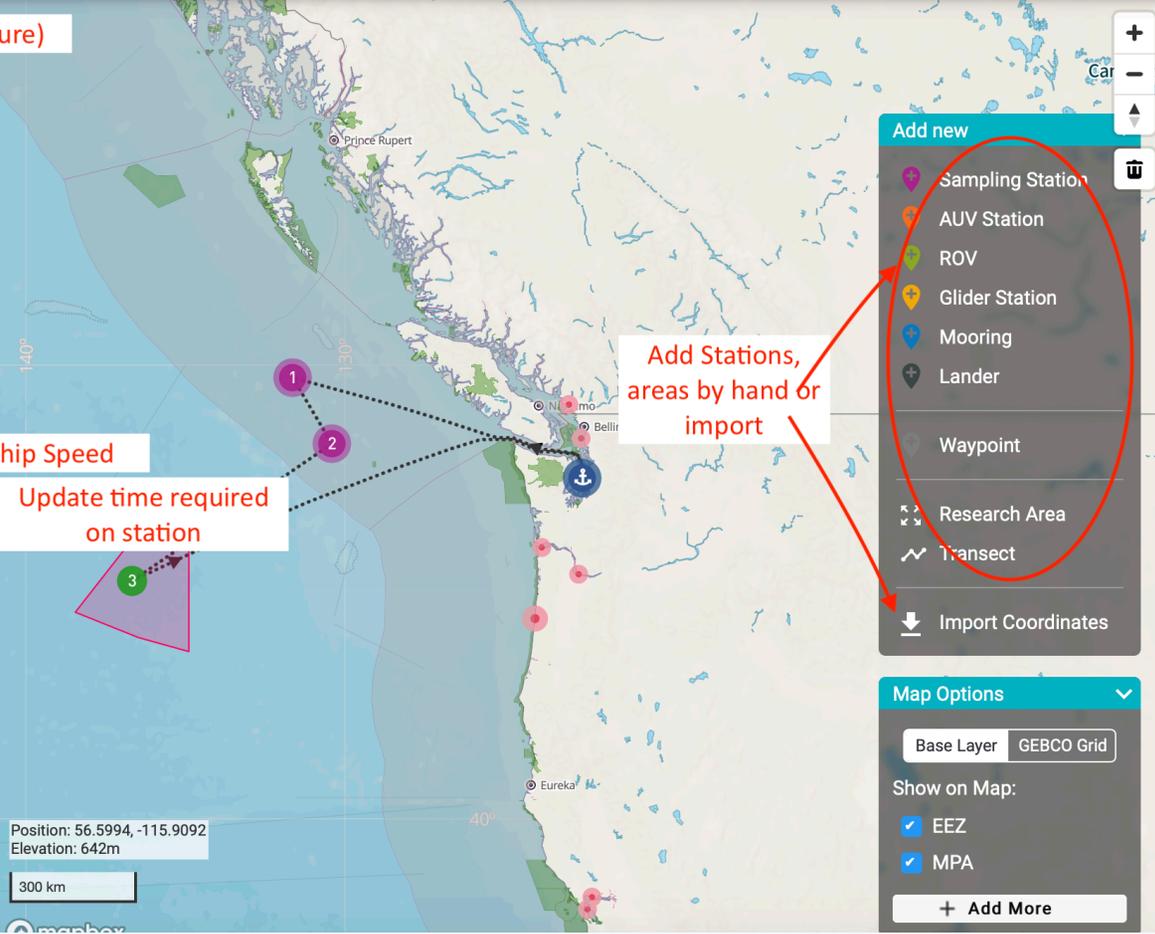
Add Stations, areas by hand or import

Map Options ⌄

Base Layer GEBCO Grid

Show on Map:
☑ EEZ
☑ MPA

➕ Add More

Schedule Module

- Eventually will show all the **published** ship schedules
  - Fall 2021 we will publish the 2022 schedules
- Map Page https://mfp.us/programme/mappage
  - View vessel locations
  - View cruise tracks
 - Add layers - Bathy, EEZ, etc.

mfp.us

Schedule Construction

- Where the schedulers create the schedules.
- Draft schedules are only available to certain individuals.
- 2022 draft schedules are being created in MFP
- 2022 published schedules will be online in Fall 2021

What's next?

- 2022 Schedules will be online in Fall 2021.
- Cruise Planning Module is coming online for testing
- Other Modules
  - Inventory Management
  - Cruise Personnel Modules
- Working out the business rules
- Webinars for PIs
  - Review the Science Portal & Research Planner
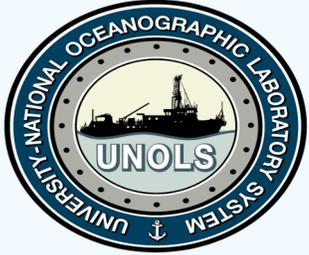
MFP Feedback!

MFP is a dynamic system that we are continually tweaking to meet our community's needs.

Please send feedback to
mfp@unols.org

2022 Scheduling

- 2022 schedule development in progress.
- Lots of back-log of projects deferred from COVID-19.
- COMPLICATED process.
- Working hard to accommodate.

Other Topics of Focus

- Diversity Equity & Inclusion (DEI)
  - Council & MERAS
  - Working to understand how UNOLS can help
  - Still in early discussions
- Cyberinfrastructure & Cybersecurity
  - Ad-Hoc committee of RVTEC & RVOC members to investigate fleetwide
  - Continues to be a concern

UNOLS Other Topics

- ## UNOLS Charter updates
  - Updating core charter language for clarity
- ## UNOLS Council engagement
  - Adding Council members to committees as ex-officio to increase communication & engagement
- ## Fall Meetings
  - 2021 RVTEC – late October – virtual
  - 2021 Fall Annual Meeting - possibly virtual
  - 2021 Fall Council & FIC – hopefully in person

Council 2021 Spring Council Meeting agenda and presentations (coming soon) can be found here.