

Web based programme planning software

JON SHORT NERC NMF SEA SYSTEMS



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MFP Home Page
 Find : []
Jonathan Short
 User Menu :
 Registration
 Create Profile
 Add Vessel
 Your Risk Assessments
 Log Out
Manager Menu
 Add New User
 Add user To Usergroup
 Risk Assessments
 MFP-SS Supplied RA
 Nonline Supplied RA
 Add Freight
 Add Staff
 Add Colateral File
Administrator Menu
 Shutdown Page
 Create the Programme
 Profile Ready
 Add Cruise Detail
 Provisional Programme
 Alert Administration Page
 Multiple Profile
 Archive Rows

Marine Facilities Planning Page

HELP - Open Help For This Page.

LATEST INFORMATION

Cruise Programme Charts
 [2015-16] [2016-17] Select
 2016 Cruise List
 2015 Cruise List
 2014 Cruise List

World Wide Location Plot - [View]

Projected Equipment Use - [View]

2017/18 Papers requested, 615 Per day.

plan
grant

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 Marine Facilities Planning [Bookpage]
 Click here to go to the NERC Funding Page
 Messages | [onshort] | Site | [Administrator]

[Return] 2015/16 [v] Show Pages [v] Select Equipment [v]

April May June

DISCOVERY [+] [-]

DY029 Profile: 728 Passage: 0802 Days: 29 Apr: 0800U Apr: 0800U POSTPORT	DY030 Profile: 741 Passage: 0802 Days: 21 May: 0800U May: 0800U COMPLETE	DY031 Profile: 788 Passage: 0802 Days: 21 May: 0800U May: 0800U COMPLETE	DY032 Profile: 883 Passage: 0802 Days: 18 Jun: 0800U Jun: 0800U COMPLETE
--------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------

JAMES COOK [+] [-]

JC110 Profile: 930 Day: 0802 Days: 5 Apr: 0800U Apr: 0800U COMPLETE	JC119 Profile: 934 Day: 0802 Days: 8 Apr: 0800U Apr: 0800U COMPLETE	JC120 Profile: 745 Day: 0802 Days: 14 Apr: 0800U Apr: 0800U COMPLETE	JC121 Profile: 815 Day: 0802 Days: 15 May: 0800U May: 0800U COMPLETE	JC122 Profile: 815 Day: 0802 Days: 17 May: 0800U May: 0800U COMPLETE
---------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------

JAMES CLARK ROSS [+] [-]

JCR10 Profile: 430 Passage: 0802 Days: 28 Apr: 0800U Apr: 0800U COMPLETE	JCR11 Profile: 714 Passage: 0802 Days: 28 Apr: 0800U Apr: 0800U COMPLETE	JCR12 Profile: 715 Passage: 0802 Days: 28 Apr: 0800U Apr: 0800U COMPLETE	JCR13 Profile: 242 Passage: 0802 Days: 22 May: 0800U May: 0800U COMPLETE
--------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------

OTHER CRUISES [+] [-]

RV Meteor RV Polagio

H15

Active Profile | 742 Stage : B00C Cruise Summary Report
 Last : The raw data sets have been submitted by the Cruise Manager.
 B00C has acknowledged receipt of the PI Cruise Summary Report. Please - [Program]

HELP - Open Help For This Page.

LATEST INFORMATION

Ship-time and Marine Equipment Profile for SME

PROFILE	CRUISE	YEAR	PI	MANAGER	RESP	LOCATION
742	DY034	2015	Henry RUM	Dan Carlsen	R03 Discovery	5181

Display Cruise Profile Summary Page

Profile Progression

TABLE : PROFILE PROGRESSION - for PROFILE 742
 Please ensure that the PI's Cruise Summary Report has been uploaded.

Profile Stage	Completed By	Actions Available
Edit SME	Closed	
Confirm Funding	Closed	New SME
Cost SME	Closed	View SME Costing
Create Programme	Closed	View 2015 Programme [List] [Chart]
Confirm Acceptance	Closed	View Terms and Conditions
Edit Questionnaire	Closed	View Questionnaire
Risk Assessment Open	Closed	View Risk Assessments
Cost Questionnaire	Closed	View Q&E Costing
Deck Plans Upload	Closed	View Deck Plans, Upload Deck Plans
ERL Agreement	Closed	View Agreement
Confirm Agreement	Closed	View the Agreement Acceptance
Edit COSI	Closed	View COSI
Accept COSI	Closed	View COSI
Cost Agreement	Closed	View ADR Costing
Risk Assessment Closed	Closed	View Risk Assessments

This allows us to see very quickly

where the cruise is programmed

Display Cruise Profile Summary Page

Profile Summary

TABLE : CRUISE ITINERARY - for PROFILE 745

Sail Date	Mid Port Date	Dock Date
15-04-2015		19-05-2015

TABLE : EQUIPMENT LISTING - for PROFILE 745

Equipment Category	Equipment List
Chemistry :	Clean chemistry laboratory container. Laboratory fume hood. Laboratory laminar flow hoods. Laboratory liquid nitrogen generator. Laboratory nitrogen gas generators. Laboratory pure water system (Millipore).
Seismics/Echo Sounders/Coring :	Agassiz trawl systems. Echo sounder 10kHz (10/12 kHz fish and hull mounted system). Gravity core. Kasten corer. Mega corer. Seabed dredging. SMBA box corer: stainless steel (500mm square box). Sound velocity probe. Sub-bottom profiler (3.5 kHz echo sounder).
Deep Platforms :	Autosub Shrimp platform.
Sensors and Moorings :	CTD/rosette sampler systems (Titanium). Salinometer. Waterfall monitoring equipment.
Miscellaneous :	-20 degree centigrade freezer. -85 degree centigrade freezer. Cold storage container. Gas bottle storage racks. Ice making machine. Refrigerators.
Ship Fitted Equipment :	150 kHz hull mounted ADCP system. 75 kHz hull mounted ADCP system. Gas distribution system to laboratory. Meteorology monitoring package.

However...

The system is old,

Unintuitive for new users

Only editable by specialist programmers



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The replacement for the MFP is the Voyage Planning Tool (VPT), which is being developed jointly by NERC and NIOZ

It looks like this...

<http://nerc.marinefacilitiesplanning.com/>



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The VPT gives us a number of advantages over the old system;

More user friendly and intuitive

Technical entries are editable by technical staff – thus when our equipment pool develops and changes over time we can adjust the questions we ask

Designed to be directly linked with our inventory management system

Designed with modern programming techniques allowing us to manage the software in house

Scientist – Account Request

The screenshot displays the 'Marine Facilities Planning' website. At the top right, there are logos for the Natural Environment Research Council (NERC) and the Marine Research Facility (MRF). The main header is a blue banner with the text 'Marine Facilities Planning' and a world map graphic. Below the banner is a white login box with the following elements:

- Login** header
- Email input field
- Password input field
- Green **LOGIN** button
- A red arrow points to the **Request an account** link below the login box.

Below the login box, the page content includes:

- Header: **Welcome to the Marine Facilities Planning Page**
- Text: *This website allows scientists to apply for the use of marine facilities from NERC-MRF and NERC, and also is the tool for planning and programming for these facilities.*
- Three green buttons: **PUBLIC PAGE**, **SHIPS**, and **OFEG**.

IMAAS

Account Request

The screenshot shows the 'Account Request' form. The 'Select your organisation' section is active, displaying logos for NERC and the National Oceanography Centre. Below the logos, there is a brief description of the service and a 'Select Organisation' dropdown menu.

IMAAS

Account Request - Approval

The screenshot shows the 'Account Request - Approval' form. It displays user information for John Smith, including name, email, and phone number. A confirmation message is visible, stating: 'Your request for an account has been approved. Your temporary password is [password]. Please change the password when you log in. Allowing you to see the full right column of the data has not starting with [password]'. There are 'Backward', 'Next', and 'Cancel' buttons at the bottom.

IMAAS

Account Request

The screenshot shows the 'Account Request' form with the 'Account Details' section. It contains input fields for 'First name', 'Last name', 'Email address', 'Organisation', 'Telephone', and 'Mobile phone'. A green 'Send Request' button is located at the bottom right.

IMAAS

Account Request - Approval

The screenshot shows the 'Account Request - Approval' form. It displays a confirmation message: 'Your request for an account has been approved. Your temporary password is [password]. Please change the password when you log in. Allowing you to see the full right column of the data has not starting with [password]'. Below the message, there is an 'Approve' button highlighted with a red box.

IMAAS

Account Request

The screenshot shows the 'Account Request' form with a confirmation message: 'Account request sent'. The message states: 'Application Completed. Your request for an account has been sent to National Oceanography Centre. You will receive an email with your temporary user account.' A green 'View or track status' button is located at the bottom.

IMAAS

Account Request - Approval

The screenshot shows the 'Account Request - Approval' form. It displays user information for John Smith, including name, email, and phone number. A confirmation message is visible, stating: 'Your request for an account has been approved. Your temporary password is [password]. Please change the password when you log in. Allowing you to see the full right column of the data has not starting with [password]'. There are 'Backward', 'Next', and 'Cancel' buttons at the bottom.

Scientist – Cruise Application

MFP Cruise Request

Search

Cancel

Previous

Save and Continue

Cruise Request

Your Portal > Delta SEPT AUV and OBoes project > Ship Selection

1. Ship Requirement

Please define your preferred research ship.
Leave this field empty if no specific ship is required.

PREFERRED SHIP

Discovery
▼

REMARKS

PREFERRED NUMBER OF SCIENTISTS TO BE ACCOMMODATED

MINIMUM NUMBER OF SCIENTISTS TO BE ACCOMMODATED

APPLICATION STEPS

- ✓ Application Note
- ✓ Scientist Information
- ✓ Cruise Location
- ✓ Cruise Dates
- + Ship Selection
- Ship Fitted Equipment
- Generic Equipment
- User Supplied Equipment
- Summary

Scientist – Cruise Application

Cruise Request

Your Portal > Delta SEPI-ALV and Glider project > Summary

Dear John Smith,

You provided us with all the needed information to continue with the application process. You can print the application by clicking the print button below. If you want to review or change the information you entered on a later occasion select the option "Save but don't submit".

[Print](#) [Save and return to portal](#) [Submit Application](#)

APPLICATION STEPS

- ✓ Application Note
- ✓ Scientist Information
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- ✓ Ship Fitted Equipment
- ✓ Generic Equipment
- ✓ User Supplied Equipment
- ➔ Summary

Administrator– Application Details - Table

NERC | PROJECT MANAGEMENT ▾ Search Q 👤 -

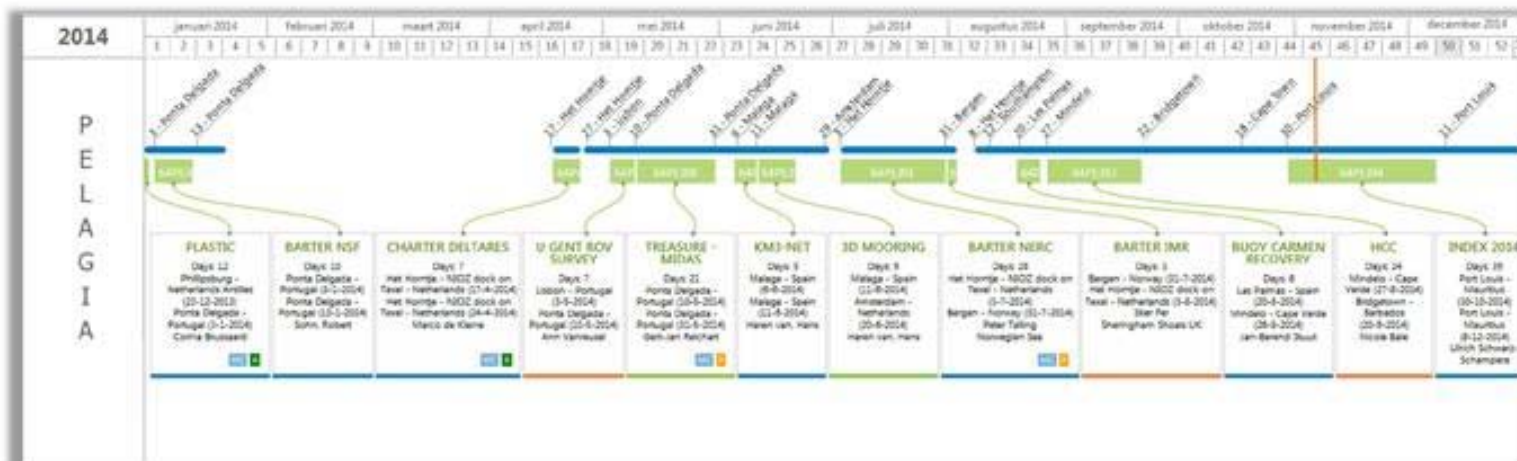
Project Management

Project Management > Cruise Project Management - Submarine channels

👤 project initiator Dr Max Mustermann
project manager n.a. change
📅 requested sail date n.a.
planned sail date n.a.
Table Gantt

Name	Responsibility	Action	Display Status	Status	Deadline
Application Parts					
Answer Application Form Questions	Max Mustermann	View	Summary (9/9)	Finished ██████████	
Approve Cruise Request	Colin Day	Open	/	Active ██████████	
Confirm Funding	Max Mustermann		/	Planned	
Define Cost Request			/	Planned	
Voyage Planning	Colin Day		/	Planned	
Confirm Offer Acceptance	Max Mustermann		/	Planned	
Complete Draft Cruise Plan	Max Mustermann		/	Planned	
Formalisation Parts					
Refine Cruise Cost			/	Planned	
Upload Deck Plans			/	Planned	
Agree Final Cruise Plan	Max Mustermann		/	Planned	
Post Voyage Parts					
Complete Cruise Assessment	Max Mustermann		/	Planned	

Proposed Voyage Overview



Future development of system

Satellite applications would support specific voyage/programme management functions based on individual national organisations needs. The design of these applications would be compatible for interfacing with the core project applications therefore available for other partners to adopt if desired.

