

A new tool to plan and manage cruises and equipment

A NERC-NIOZ joint project



Erica Koning, NIOZ
Leigh Storey, NOC

Marine Facilities Planning

Login

Welcome to the Marine Facilities Planning Page

This website allows Scientists to apply to use marine facilities in support of marine science from both the Natural Environment Research Council (NERC) and the Nederlands Instituut voor Onderzoek der Zee (NIOZ).

It is possible to view parts of this webpage including the published research voyage programmes for the NERC and NIOZ Marine Facilities and by selecting the 'Public Page' below.

In order to apply to use these marine facilities you must be a registered user of the Marine Facilities Planning Website. Please request an account or login above.

[Request an account](#)



[PUBLIC PAGE](#)

[SHIPS](#)

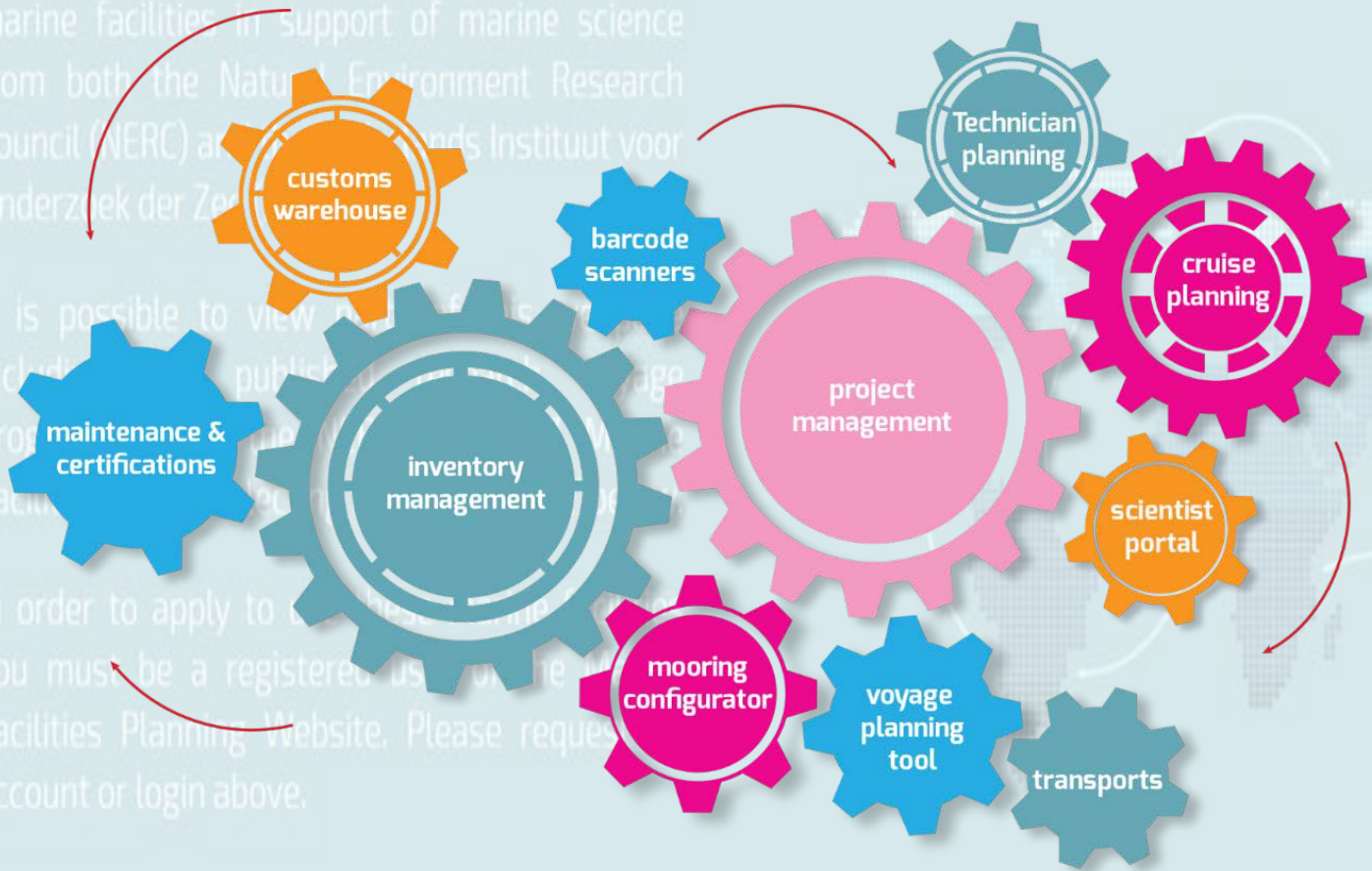
[ABOUT](#)

The NIOZ Royal Netherlands Institute for Sea Research is the national oceanographic institution for the Netherlands. Our mission is to gain and communicate scientific knowledge on seas and oceans for the understanding and sustainability of our planet.

The Natural Environment Research Council is the UK's largest funder of independent environmental science, training and innovation, delivered through universities and research centres.

his website allows Scientists to apply to use
marine facilities in support of marine science
om both the Natural Environment Research
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nderzoek der Zee (NIOZ).
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account or login above.

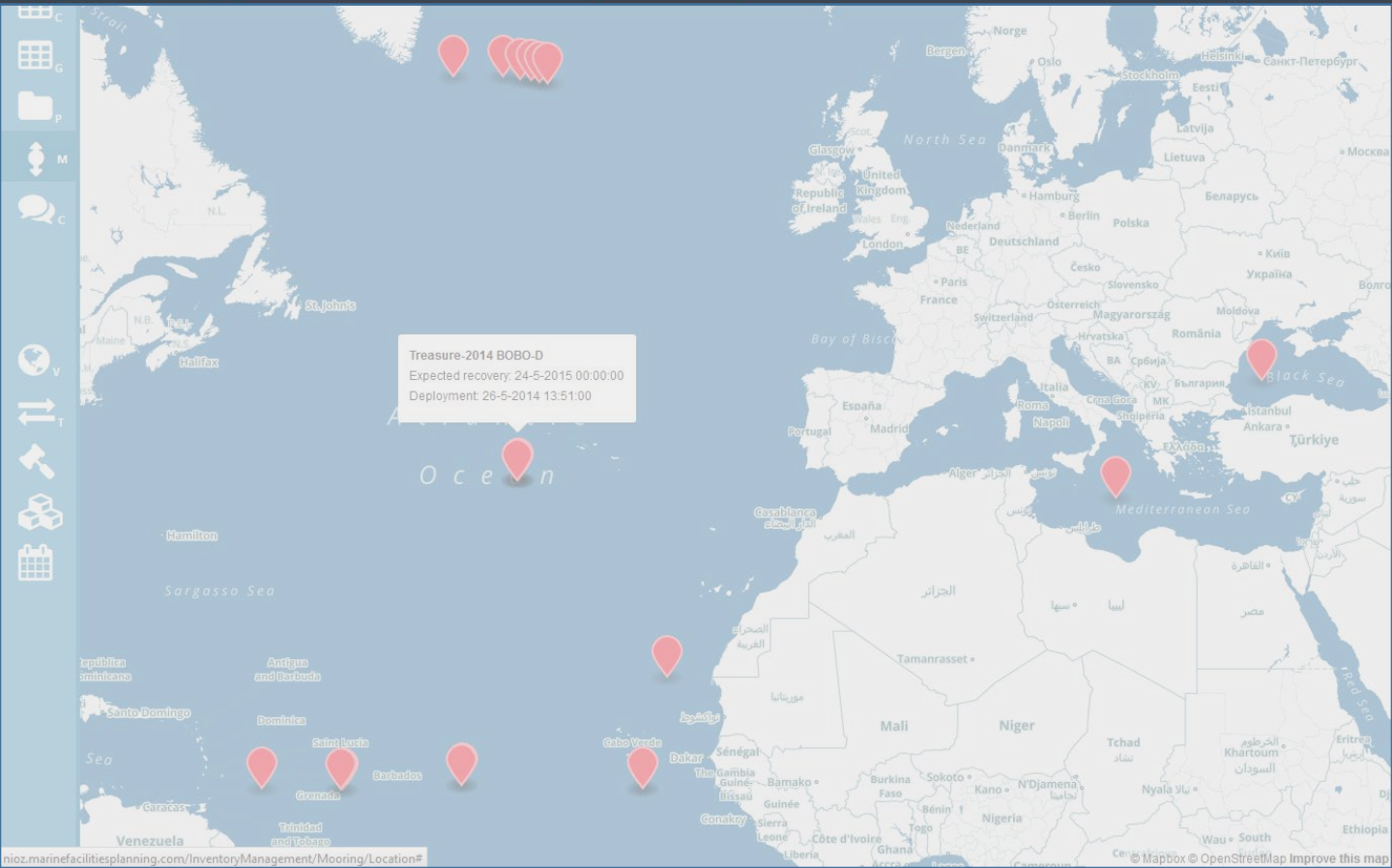


Inventory Management

Mooring Application

Project Management

Scientist Portal



- Home
- Equipment
- Details
- Route
- Route 2
- Equipment Planning**
- Deployments
- Connections
- Map

Black Sea and INDEX 2015

LOADING POINTS

Texel - Netherlands

Planned: 245 pieces of equipment were scheduled to be loaded
Actual: 190

Create Report Load

11-8-2015

Istanbul (Istanbul) - Turkey

Planned: 0 pieces of equipment were scheduled to be unloaded
Actual: 0

Create Report Unload

29-8-2015

Istanbul (Istanbul) - Turkey

Planned: 0 pieces of equipment were scheduled to be loaded
Actual: 0

Create Report Load

1-9-2015

Varna - Bulgaria

Planned: 85 pieces of equipment were scheduled to be unloaded
Actual: 8

Create Report Unload

16-9-2015

Varna - Bulgaria

Planned: 0 pieces of equipment were scheduled to be loaded

17-9-2015

Planlists 6 Other Equipment 0 Other Consumables 0

+ Add Planlist

ACTIVE

Black Sea 64PE401 Cont40 ...

- Jan van Ooijen
- 6 / 6
- 35 / 35
- 11-8-2015 Texel - Netherlands
- 5-1-2016 Safaga - Egypt

MTM VICI INDEX

- Lorendz Boom
- 22 / 58
- 24 / 61
- 11-8-2015 Texel - Netherlands
- 5-1-2016 Safaga - Egypt

PLANNED

There are no planned planlists

FINISHED

Cruise C. Slomp

- Marianne Baas
- 0 / 3
- 0 / 3
- 11-8-2015 Texel - Netherlands
- 16-9-2015 Varna - Bulgaria


Project Management

Project Management > Cruise Project Management - NESSC Red Sea Cruise

 Table

 Gantt

 Read Only

Overview	Name	Responsibility	Action	Status	Deadline	End
 <ul style="list-style-type: none"> Project Initiator: Esmee Geerken Project Co-Editor: Laura Villanueva Project Manager: n.a. change Project Administrator: Erica Koning Marine Planning Officer: Erica Koning Logistics Manager: Peter-Roy Alkema Scientific Engineering Manager: n.a. 	1. APPLICATION STAGE					
	Complete cruise application form	Esmee Geerken, Laura Villanueva	Open	Active (9/10) (finish)		
	Approve cruise application form	Erica Koning		Pending		
	Confirm availability of funding	Esmee Geerken, Laura Villanueva		Pending		
	Upload draft cruise application cost			Pending		
	2. PROGRAMME CONSTRUCTION					
	Add cruise application to programme	Erica Koning		Pending		
	Review and upload application cost 2			Pending		
	Accept cruise offer	Esmee Geerken, Laura Villanueva		Pending		
	3. CRUISE PLANNING					
Submit diplomatic clearance application			Pending			
Cruise planning meeting			Pending			
Start review cruise plan	Esmee Geerken, Laura Villanueva		Pending			
Upload ships deck plan			Pending			
Finish cruise plan review and publish			Pending			
Upload final cruise costs			Pending			
Accept cruise plan	Esmee Geerken, Laura Villanueva		Pending			
4. CRUISE LOGISTICS						
Prepare NMEP equipment			Pending			
Prepare scientist owned equipment	Esmee Geerken, Laura Villanueva		Pending			



- IMS equipment located at stores quarantine area: n.a.
- IMS dispatch date: n.a.
- planned mobilisation date: n.a.
- planned sail date: n.a.
- planned docking date: n.a.
- planned demobilisation date: n.a.



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Project Management

Project Management > Cruise Project Management - M0re stuff

 Table

 Gantt

 Read Only

Overview	Name	Responsibility	Action	Status	Deadline	End
 Project Initiator Matt Tiahlo  Project Manager Jonathan Short change Project Administrator Colin Day Marine Planning Officer Beth Woodward, Colin Day Logistics Manager Michael McCarthy Scientific Engineering Manager Dan Comben, James Burris	^ 1. APPLICATION STAGE - FINISHED					
	^ 2. PROGRAMME CONSTRUCTION - FINISHED					
	v 3. CRUISE PLANNING					
	Submit diplomatic clearance application	Jonathan Short	View	Complete	01/05/2015	06/10/2015
	Complete cruise plan	Matt Tiahlo	Open	Active (5/8)	10/06/2015	
	Cruise planning meeting	Jonathan Short	Open	Active	24/06/2015	
	Refine cruise plan	Jonathan Short		Pending	10/07/2015	
	Publish final cruise plan	Jonathan Short		Pending	28/10/2015	
	Upload final cruise costs	Jonathan Short		Pending	28/10/2015	
	Upload ships deck plan	Jonathan Short		Pending	28/10/2015	
Accept cruise plan	Matt Tiahlo		Pending	07/11/2015		
v 4. EQUIPMENT PREPARATION						
Prepare NMEP equipment		View	Complete	24/06/2015	06/10/2015	
Prepare scientist owned equipment	Matt Tiahlo	Open	Active	24/06/2015		
NMFSS Technical progress meeting 1	Jonathan Short	Open	Active	29/08/2015		
NMFSS Technical progress meeting 2	Jonathan Short		Pending	28/10/2015		
Dispatch equipment to mobilisation port			Pending			
v 5. CRUISE DELIVERY						
Cruise mobilisation			Pending			
Cruise sail			Pending	27/12/2015		
Cruise delivery			Pending	24/02/2016		



IMS equipment located at stores quarantine area n.a.
 IMS dispatch date n.a.
 planned mobilisation date n.a.
 planned sail date 27/12/2015
 planned docking date 24/02/2016
 planned demobilisation date n.a.



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[Home](#)[My Equipment](#)[Voyages And Cruises](#)[My Profile](#)[Help](#)

Hello Esmee Geerken,
Welcome to your personal NIOZ portal. Via this website you can apply for ship time and equipment belonging to the National Pool of Equipment. You can also manage your personal equipment.

You have 3 active applications:

NESSC Mediterranean Sea Cruise

[view workflow](#)

The following requires your action:

- > Complete cruise application form

Black Sea_NESSC_SIAM

[view workflow](#)

The following requires your action:

- > Complete cruise application form

NESSC Red Sea Cruise

[view workflow](#)

The following requires your action:

- > Complete cruise application form

Application Forms



SME

Ship-time & Marine Equipment Application Form (SME)

Use this option to request both ship time and equipment.

Cruise Request

Your Portal > Black Sea_NESSC_SIAM > Summary

[NIOZ Application Note](#)

[Scientist Information](#)

[Funding Information](#)

[Cruise Location](#)

[Cruise Dates](#)

[Ship Selection](#)

[Ship Fitted Equipment](#)

[Marine Pool Equipment](#)

[User Supplied Equipment](#)

[Summary](#)

Dear Esmee Geerken ,

Please review your draft SME form below, and submit the application should it be complete, or save for later should you wish to make further edits prior to submission.

[Print](#)

[Save but don't submit](#)

[Submit Application](#)

TITLE OF PROJECT

Black Sea_NESSC_SIAM

Last modified 22-9-2015 Dr Laura Villanueva

Submitted N/A

SCIENTIST INFORMATION

Name Dr Laura Villanueva

Organisation NIOZ

EMail laura.villanueva@nioz.nl

Telephone 0222369428

Mobile phone

DESCRIPTION OF RESEARCH PROJECT

DESCRIPTION

Our aim is to study the microbiology of the Black Sea in the water column and the sediment in high resolution by means of activity measurements, diversity estimations, and physicochemical characterization. This is a joint action of the Gravity proposals NESSC and SIAM (Anaerobic microbiology). The specific goals are the following:

- We will estimate the microbial diversity and abundance of targeted groups by means of metagenomics and microscopy (FISH) - We will collect samples for quantification of bacteria/viruses and phytoplankton in the water column by flow cytometry.

2. Cruise Location

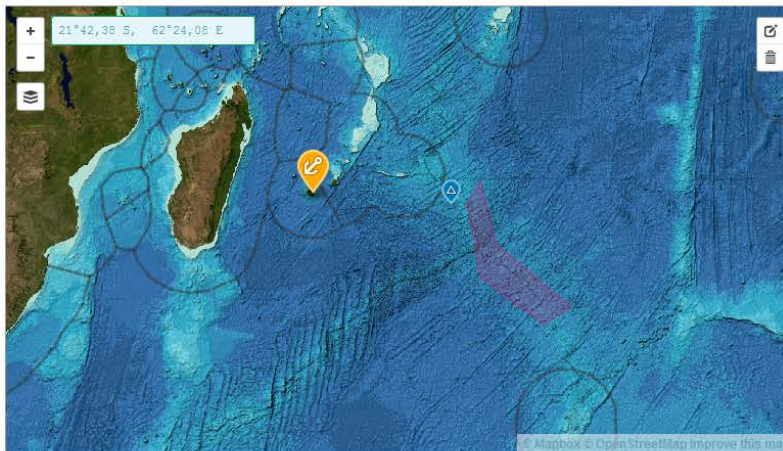
GENERAL LOCATION



Please draw the cruise location on the map below. You can draw an area or transect or select single sampling stations.

 Add Research Area

 Transect

 Add Science Station


RESEARCH AREA



You can change the name and coordinates of the locations in the table below

Name	Type	
▶ Central and SE Indian Ridge	Research Area	×
▶ Sediment trap mooring Hamburg	Mooring	×

Ship Selection

Ship Fitted Equipment

Marine Pool Equipment

User Supplied Equipment

Summary

Mooring instrumentation

ADCP

Sediment traps

SAMPLERS AND PROFILERS

Bottom samplers

Water samplers

UCC

SEA CONTAINERS

Laboratory containers

QUESTIONS

working temperature

ambient

fume hood requested?

No

gasses needed?

- No
- Oxygen
- Nitrogen
- Air
- special gasses

special containers requested?

- No
- Isotopes
- Nutrients
- Oxygen
- CO2

Workshop container

QUESTIONS

special containers?

- No
- Seismics
- mooring container

VIDEO EQUIPMENT

[Application Note](#)[Scientist Information](#)[Funding Information](#)[Cruise Location](#)[Embedded Images](#)[Cruise Dates](#)[Ship Selection](#)[Ship Fitted Equipment](#)[Marine Pool Equipment](#)[User Supplied Equipment](#)[Summary](#)

Marine Pool Equipment



Please select from the following list of equipment the items that are needed for your research. This page may be empty.

AUV

 Glider

LABORATORY INFRASTRUCTURE

 Pure water generator

SAMPLERS AND PROFILERS

Bottom samplers

 Simba Box Corer

Water samplers > CTD frames

 IOS 24x10L (round) NMF 24x10L (round) (titanium)

SEA CONTAINERS

Laboratory containers

 Clean Chemistry Container General Purpose Lab Container Radionuclide Laboratory Container

QUESTIONS

List isotopes and activities to be used

Workflow

Documents 0

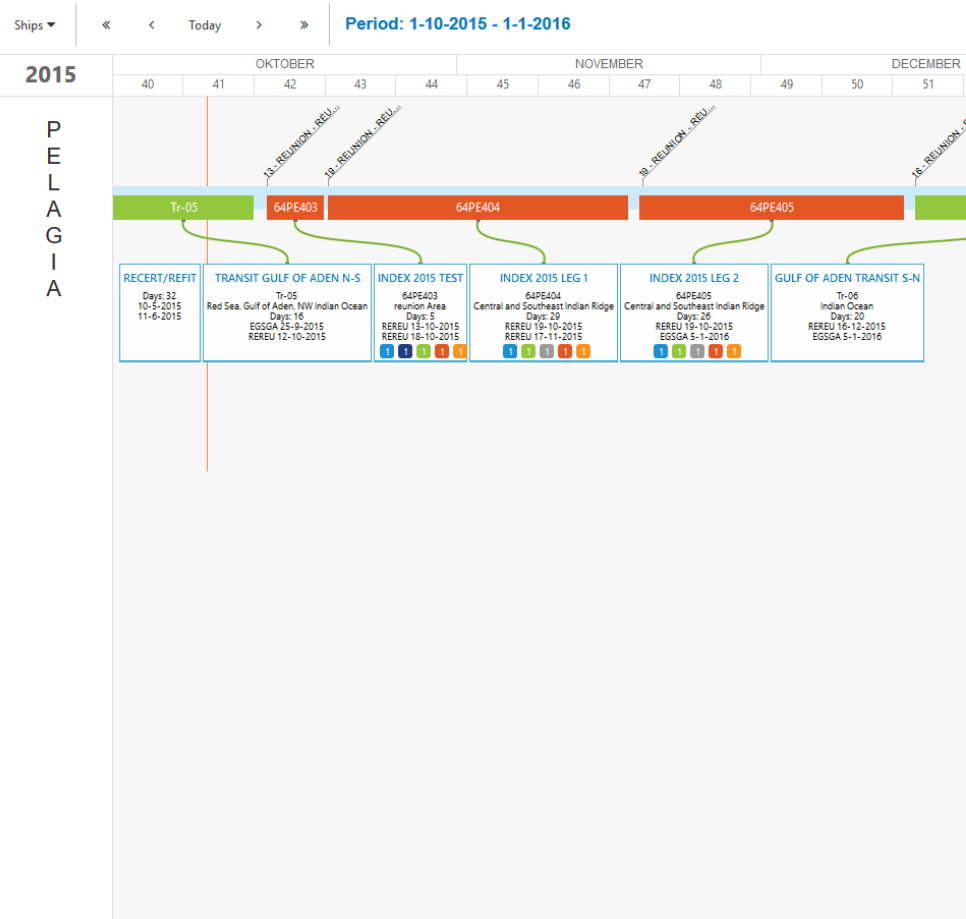
Maps & Cruise Itinerary

Contact

Cruise Application progress

Cancel Application

	Name	Responsibility	Action	Status	Deadline	End
1. APPLICATION STAGE						
	Complete cruise application form	You , Laura Villanueva	Open	Active (9/10)		
	Approve cruise application form	Erica Koning		Pending		
	Confirm availability of funding	You , Laura Villanueva		Pending		
	Upload draft cruise application cost			Pending		
2. PROGRAMME CONSTRUCTION						
	Add cruise application to programme	Erica Koning		Pending		
3. CRUISE PLANNING						
	Submit diplomatic clearance application	You , Laura Villanueva		Pending		
	Cruise planning meeting			Pending		
	Start review cruise application	You , Laura Villanueva		Pending		
	Upload ships deck plan			Pending		
	Finish cruise plan review and publish			Pending		
	Upload final cruise cost 2			Pending		
	Accept cruise plan	You , Laura Villanueva		Pending		
4. CRUISE LOGISTICS						
	NMFSS Technical progress meeting 1			Pending		
	Determine equipment ready for shipping date	Peter-Roy Alkema		Pending		
	Prepare NMEP equipment			Pending		
	Prepare scientist owned equipment	You , Laura Villanueva		Pending		
	Equipment ready for shipping	Peter-Roy Alkema		Pending		
	Dispatch equipment to mobilisation port	Peter-Roy Alkema		Pending		
5. CRUISE DELIVERY						
	Cruise mobilisation			Pending		



Cruise Application Filters

EQUIPMENT USAGE

RESEARCH AREA

SCIENCE START: 1-7-2015

SCIENCE END: 31-7-2016

funding source

Available Cruise Applications

Black Sea_NESSC_SIAM

- Laura Villanueva
- Blacks Sea (bulgarian waters)
- 7 days (7)
- 22-2-2016 - 1-3-2016

NESSC Mediterranean...

- Esmee Geerken
- Mediterranean Sea Eastern basin
- 10 days (9)
- 3-1-2016 - 31-3-2016

NESSC Red Sea Cruise

- Esmee Geerken
- Red Sea
- 16 days (16)
- 1-1-2016 - 30-4-2016



+ New							
	Name	Contactperson	Type	Status	Moored equipment	Deployment	Exp
<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>	Type ▾	Planned, De			
<input checked="" type="checkbox"/>	Agulhas Mooring A 2015		Normal	Deployed	1 (Manage)	12-4-2015 17:00	6-
<input checked="" type="checkbox"/>	Agulhas Mooring B 2015		Normal	Deployed	2 (Manage)	12-4-2015 17:00	6-
<input checked="" type="checkbox"/>	Agulhas Mooring C 2015		Normal	Deployed	2 (Manage)	13-4-2015 17:00	6-
<input checked="" type="checkbox"/>	Agulhas Mooring D 2015		Normal	Deployed	2 (Manage)	13-4-2015 17:00	6-
<input checked="" type="checkbox"/>	ALBEX-1	Gerard Duineveld	Lander	Deployed	1 (Manage)	29-5-2014 01:10	23
<input checked="" type="checkbox"/>	ALBEX-4	Gerard Duineveld	Lander	Deployed	1 (Manage)	27-5-2014 11:48	23
<input checked="" type="checkbox"/>	Black Sea M1 2015	Caroline Slomp	Normal	Deployed	19 (Manage)	6-9-2015 05:33	5-9
<input checked="" type="checkbox"/>	Blue water		Normal	Planned	0 (Manage)		
<input checked="" type="checkbox"/>	DUST Buoy Carmen	Jan-Berend Stuu	Normal	Deployed	15 (Manage)	11-11-2013 16:00	31
<input checked="" type="checkbox"/>	DUST Buoy Laura	Jan-Berend Stuu	Normal	Deployed	16 (Manage)	27-11-2013 16:00	6-3
<input checked="" type="checkbox"/>	DUST Buoy Michelle	Jan-Berend Stuu	Normal	Deployed	18 (Manage)	24-11-2013 16:00	9-3
<input checked="" type="checkbox"/>	DUSTTraffic II 2014 M1	Jan-Berend Stuu	Normal	Deployed	14 (Manage)	16-11-2013 16:00	10
<input checked="" type="checkbox"/>	DUSTTraffic III 2015 M1	Jan-Berend Stuu	Normal	Deployed	20 (Manage)	13-1-2015 16:00	14
<input checked="" type="checkbox"/>	DUSTTraffic III 2015 M3	Jan-Berend Stuu	Normal	Deployed	19 (Manage)	22-1-2015 16:00	9-3
<input checked="" type="checkbox"/>	DUSTTraffic III 2015 M4	Jan-Berend Stuu	Normal	Deployed	17 (Manage)	29-1-2015 16:00	6-3
<input checked="" type="checkbox"/>	DUSTTraffic III 2015 M5	Jan-Berend Stuu	Normal	Deployed	21 (Manage)	1-2-2015 16:00	3-3
<input checked="" type="checkbox"/>	IC0-2 2015	Laura de Steur	Normal	Deployed	4 (Manage)	15-7-2015 14:26	14
<input checked="" type="checkbox"/>	IC1-2 2015	Laura de Steur	Normal	Deployed	17 (Manage)	15-7-2015 08:46	14
<input checked="" type="checkbox"/>	IC2-2 2015	Laura de Steur	Normal	Deployed	16 (Manage)	15-7-2015 03:19	14
<input checked="" type="checkbox"/>	IC3-2 2015	Laura de Steur	Normal	Deployed	13 (Manage)	14-7-2015 10:19	13
<input checked="" type="checkbox"/>	IC4-2 2015	Laura de Steur	Normal	Deployed	10 (Manage)	14-7-2015 03:22	13
<input checked="" type="checkbox"/>	LOCO2-12 2015	Laura de Steur	Normal	Deployed	11 (Manage)	19-7-2015 10:03	18
<input checked="" type="checkbox"/>	Midas/Treasure M1 2015	H.de Stigter	Normal	Deployed	11 (Manage)	20-4-2015 17:00	28
<input checked="" type="checkbox"/>	PAC15		Normal	Planned	0 (Manage)		
<input checked="" type="checkbox"/>	PASOM (32483)		NotRetri...	Deployed	3 (Manage)		30

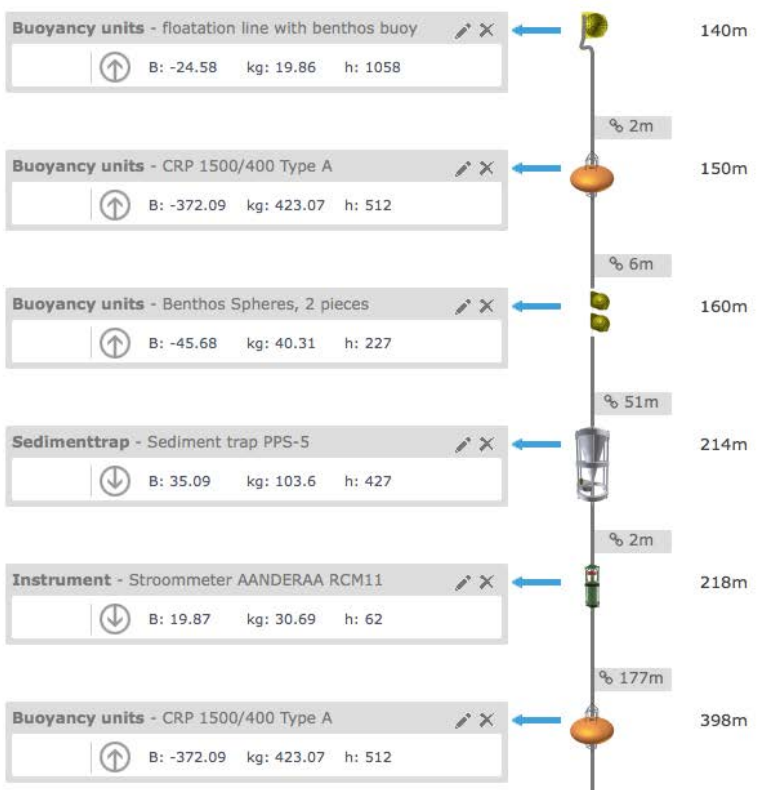
Depth:

Cable:

	Current	Desired	Needed
Lift:	<input type="text" value="-217,39 B"/>	of <input type="text" value="200,00 B"/>	→ <input type="text" value="-17,39 B"/>
Anchor:	<input type="text" value="492,83 B"/>	of <input type="text" value="400,00 B"/>	→ <input type="text" value="-92,83 B"/>

View

Black Sea M1 2015

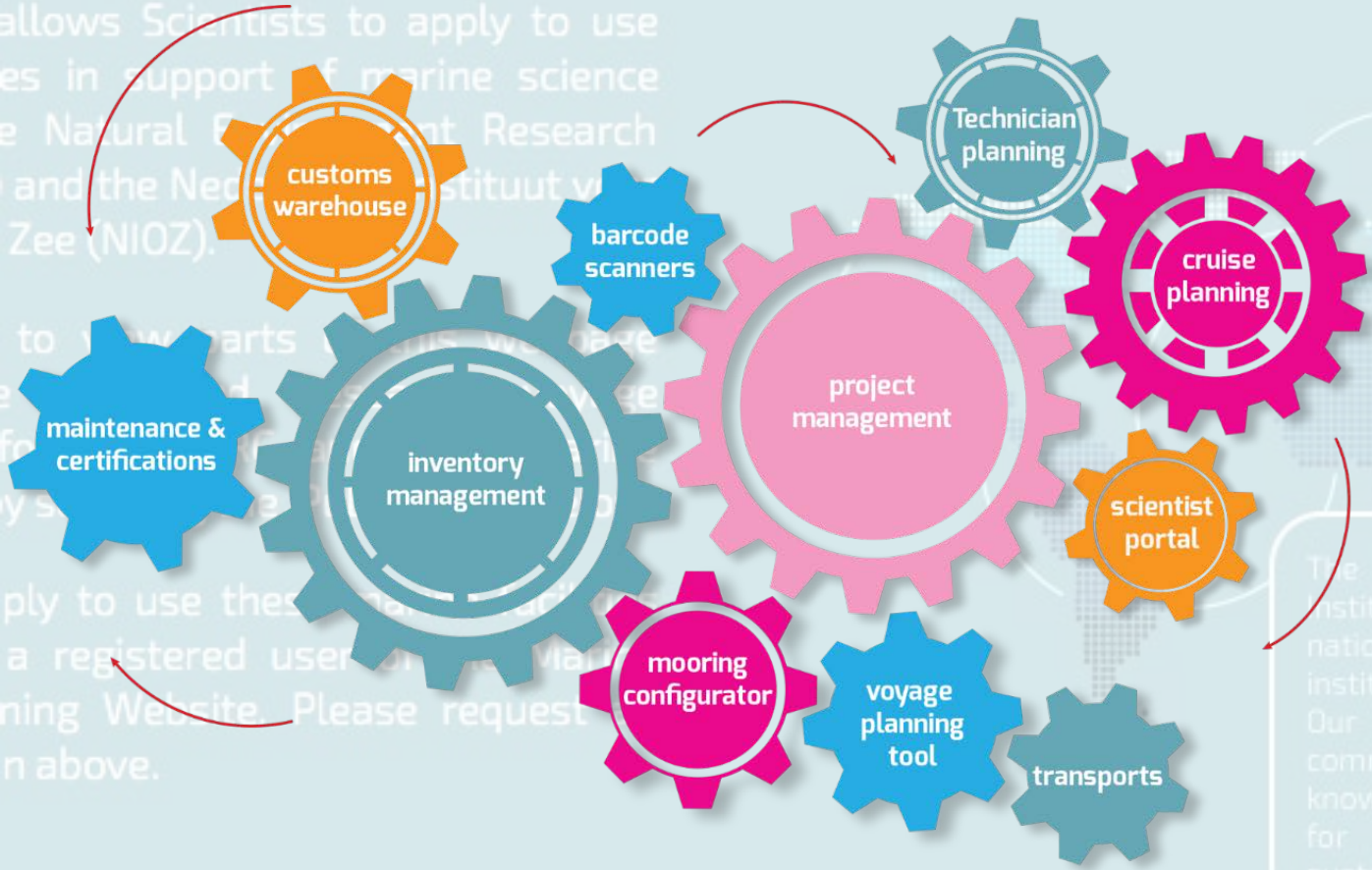


NAME	SEGMENT TYPE
<input type="text"/>	View all
15 meter 5 x 6,3mm kabel	Instrument
15 meter 7 x 9 mm kabel	Instrument
30 meter 5x6.3mm Kabel	Instrument
Acoustic Release, IXSEA AR861 B2S	Release
Acoustic Release, IXSEA AR861 B2S (enkel)	Release
ADCP-WHLR in Inline-Frame	Instrument
Anchor Weight (600 kg)	Anchor
Anchor Weight (700 kg)	Anchor
Anchor Weight (900 kg)	Anchor
Anchor gewicht (400 kg)	Anchor
Anchor gewicht (65 kg)	Anchor
Anchor gewicht (80 kg)	Anchor
Ankergewicht (1000 kg)	Anchor
Ankergewicht (1100kg)	Anchor
Ankergewicht (1200 kg)	Anchor
Ankergewicht (500 kg)	Anchor
Ankergewicht (800 kg)	Anchor

allows Scientists to apply to use
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and the Netherlands Institute v
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Mission Status		Glider List		Date Period		Full Search		Per Page	
All	N/A	Start Date	End Date	Search ID, Name, Project,	20	Search	Clear		
MISSIONS MANAGER - ALL MISSIONS									
Name	Project	Date Start ↑	End Date	Comments			Mission status		
MASSMO_2B	MASSMO	58 days ago 2015-08-24	Ongoing	STUDYING FRONTAL PROCESSES IN THE SOUTHWEST APPROACHES			Active		
MASSMO_2A	MASSMO	72 days ago 2015-08-10	-	STUDYING DIVERSITY IN THE CELTIC DEEP AND PROPOSED MCZ			Inactive		
DY033	SSB	100 days ago 2015-07-13	-	-			Inactive		
BAS-Oban_Trials_Day_2		118 days ago 2015-06-25	-	-			Inactive		
BAS-Oban Trials	Antarctica 2015-16	119 days ago 2015-06-24	-	-			Inactive		
DY030	SSB-2015-3	153 days ago 2015-05-21	-	Shelf Seas Biogeochemistry long term gliders			Inactive		
DY029	SSB-2015-2	203 days ago 2015-04-01	-	Shelf Seas Biogeochemistry long term gliders			Inactive		
DY021	SSB-2015-1	233 days ago 2015-03-02	-	Shelf Seas Biogeochemistry long term gliders			Inactive		
DY018	SSB-2014-2	346 days ago 2014-11-09	213 days ago 2015-03-22	-Shelf Seas Biogeochemistry long term gliders			Inactive		
MASSMO	MASSMO	353 days ago 2014-11-02	345 days ago 2014-11-10	Phase 2: Field trials of USV vehicles for the study of tagged fish.			Inactive		
Massmo	Massmo	386 days ago 2014-09-30	354 days ago 2014-11-01	Phase 1: Field trials of AUV and USV vehicles. Cross-shelf transect from the Isl			Inactive		

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 e Natural Environment Research

STUDYING FRONTAL PROCESSES IN THE SOUTHWEST APPROACHES

Tuesday, September 22, 2015 @ 13:17 UTC - Wednesday, September 23, 2015 @ 13:17 UTC

Map ToolBox

- WIND
- PRESSURE
- WAVES
- BATHYMETRY
- AIS DENSITY
- MISSION PLAN
- TIDES
- BOATS (Waveglider AIS)
- MAP GRID

Date Start

Date End **NOW**

Keep map position on reload

Lat Lng **+**



Right-click on the map to turn the measuring tool on or off

Name & ID	Last Dive	Last Lat	Last Lng	Last Update	Last Comm	Status
= SLOCUMS =						
unit_544 unit_544	- -	50 23.54 50.39240	-5 33.72 -5.56205	27 day(s) ago 2015-09-23 13:17:32	Surface Log	OK
unit_545 unit_545		50 23.30 50.38830	-5 33.75 -5.56247	27 day(s) ago 2015-09-23 12:42:24	Surface Log	OK

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resources in support of marine science
the Natural Environment Research

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