

7th Ocean Facilities Exchange Group–Technical (OFEG-TECH) meeting 21st November 2013

Introduction

MARUM will host the 2013 OFEG-TECH meeting at their institute in Bremen this year. The meeting will be a one day meeting held on Thursday 21st November 2013. Travel and hotel information can be found at the end of this document.

The object of OFEG-TECH is to get colleagues and partners from the various institutes together for a day (and a night) of informal discussion, presentations, and exchange of information, on areas that are topical and of direct interest to us a technical community. Partners can propose any additional areas you would like to give a short presentation on, or if you would like to generate a question and answer session as opposed to a presentation. I would also suggest it is a good opportunity to table questions within the agenda as 'requests for information' on areas of interest as hopefully we can get colleagues to the meeting from the different institutes with a range of knowledge and different perspectives to share expertise.

Presentations can be as long/short as you think necessary.....within reason!

Please see attached the proposed areas each organisation wish to discuss or provide a presentation on, some are yet to advise what they want to do, so please advise when you can and I will then put some times to the activities.

Items to present or discuss

NERC NOC:

- Presentations:
 - RRS Discovery delivery and deep sea winch trials cruise
 - Clean sampling CTD winches and synthetic ropes
 - New developments and equipment in the NERC equipment pool
 - Overview of NOC Marine Autonomous & Robotic Systems (MARS) and AUV operations

- General point of interest:

There is an increasing field of experience developing within the OFEG partners in the use of synthetic ropes for a variety of operations from coring to CTDs. Although discussed at OFEG-TECH 2 years ago it would be useful to update each other in this area of capability. A number of us now use synthetic ropes for coring, and GEOMAR, NERC and NIOZ all now operate portable clean CTD systems with different winches and synthetic cables. This would be a good topic for an open discussion and comparison.

NIOZ:

- Presentation:
 - “Latest developments at NIOZ” comprising the following subjects:
 - Ultra clean zodiac winch & bottles
 - Mid Atlantic surface moorings + model basin tests soon
 - Ocean buoy dust sampler
 - Progress in KM3-Net mooring deployment system
 - ROV collaboration with VLIZ (Belgium)
 - Renovation of our workshops
 - Thick liner core splitter + liner joint mill
 - HD stereo photo camera system
 - Progress synthetic NIOZ deep sea cable (opto-electrical-mechanical)
 - Commissioning and opening Antarctica labs
 - Shallow water sedimentation sensor

IFREMER:

- Presentation:
 - Electrical Optical Cables
 - The Penfold penetrometer
 - The EM2040 Multibeam Echosounder
 - Modernisation of the IFREMER research vessel 1'Europe

- General point of interest:

Issues or problems with EOM/ROV cables. Longevity of cables and mode of failure of ROV cables.

MARUM:

- Presentation:
 - Progress in the development of the Hybrid ROV (H-ROV)
 - MOTH: a new delta wing glider
 - The current status of the new seafloor drill rig Mebo 200
 - Improving uncertainty of CTD measurements by making them traceable to SI units
 - Quest SIM: a ROV simulator for pilot training and mission planning

(MARUM will provide a demonstration of the ROV simulator during the meeting and fly a training mission.)

GEOMAR:

- Presentation:
 - Overview of HYBIS, Wave Glider and Clean CTD, ROV PHOCA and images from the new R/V SONNE.

IMR:

- Presentation:
 - New camera rig 'CAMPOD'
 - New 'NORMAR ROV' for the University in Bergen

NERC BGS:

- Presentation:
 - BGS RD2 seabed Rock drill
 - Development of Deep water battery operated Vibrocorer
- General point of interest:
 - BGS have a general interest in the use of synthetic ropes and their general operation in areas such as rope SWL relative to MBL, abrasion, , chemicals/greases, terminations etc, with an interest in the experience of synthetic ropes currently in use across the different organizations.

CSIC: CSIC will advise which area they plan to present on or discuss

OFEG-TECH key contacts and 2012 meeting participants

Can you please advise the names of those you would like to attend the meeting in the table below.

Attendees for 2013 meeting at MARUM

Organisation	Name	E-Mail
NERC (NOC / BGS)	Colin Day (NOC) Jason Scott (NOC) Steve McPhail (NOC) Andrew Henson (NOC) David Smith (BGS) Mike Wilson (BGS)	cdy@noc.soton.ac.uk jesc@noc.soton.ac.uk djasm@bgs.ac.uk
NIOZ	Marck Smit Jack Schilling	msmit@nioz.nl jack.schilling@nioz.nl
IFREMER	Loïc Dussud Henri Floc'h/Sarah Duduyet	Loic.Dussud@ifremer.fr henri.floch@ifremer.fr
Genavir		
Germany (GEOMAR / MARUM)	Wiebke Martens Fritz Abegg Ernst Flueh Volker Ratmeyer Christoph Waldmann	wmartens@geomar.de fabeff@geomar.de eflueh@geomar.de vratmeyer@marum.de
CSIC	Pablo Rodriguez	pablo@utm.csic.es
IMR	Hilde Spjeld, Jostein Solhaug Åse Sudman	hildesp@imr.no

Key OFEG - TECH Contacts

Organisation	Name	E-Mail
NERC	Colin Day	cdy@noc.soton.ac.uk
NIOZ	Marck Smit	msmit@nioz.nl
IFREMER	Sébastien Dupont	Sebastien.Dupont@ifremer.fr
GENAVIR	Hubert Lossouarn	hubert.lossouarn@genavir.fr
Germany	Joerg Bialas Volker Ratmeyer	jbialas@ifm-geomar.de vratmeyer@marum.de
CSIC	Pablo Rodriguez	pablo@utm.csic.es
IMR	Hilde Spjeld,	hildesp@imr.no

Travelling Information for OFEG-TECH at MARUM, 21.11.2013

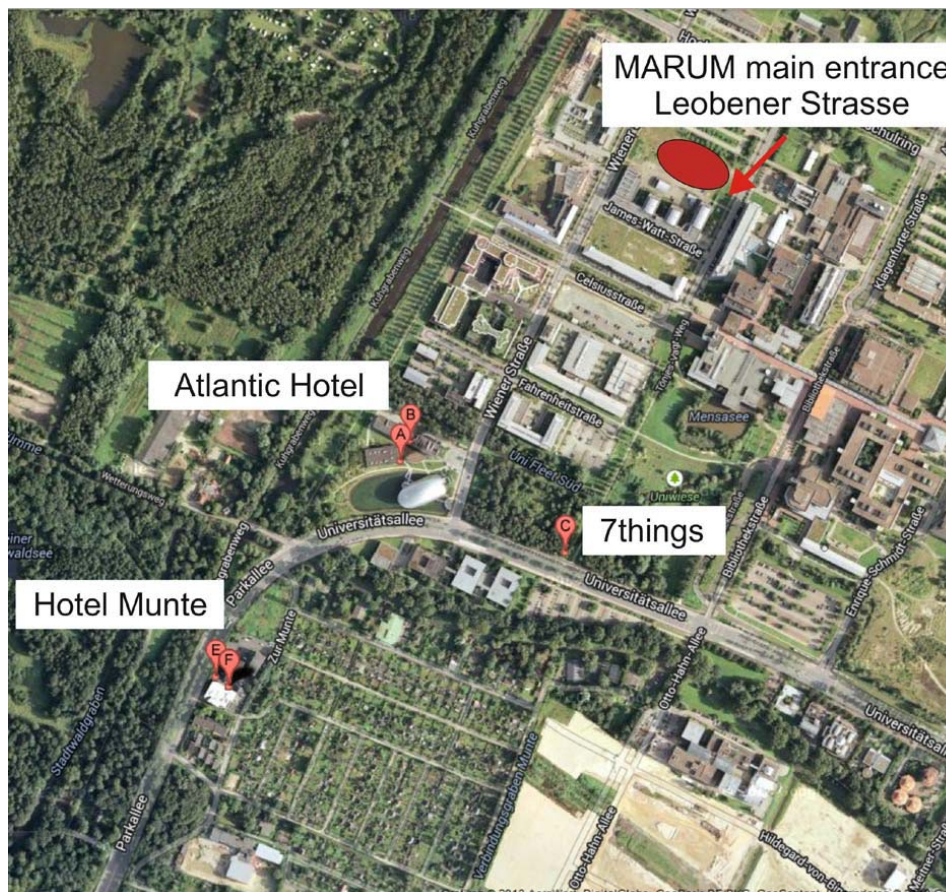
Dear colleagues,

There are three Hotels in the proximity of MARUM. They are all within 15 min. by foot.

7things hotel, 66€p.n. : <http://www.7things-hotel.de/en/home.html>

Hotel Munte, ~120€p.n. : <http://www.hotel-munte.de/language/en/>

Atlantic Hotel, 79€p.n. : <http://www.atlantic-hotels.de/universum/en/Start.html>



Reaching your hotel from Airport Bremen or Central station Bremen:

A taxi from the airport to the hotels is around 18€ A taxi from the central station is 10€ If you prefer to go by tramway/bus, take the tramway #6 with the direction "Universität Bremen" and exit at station "Universität NW1". The 7things is just a few minutes away by foot. From there, take Bus #22 with the direction "Kattenturm Mitte" and leave the bus after one stop at "Wiener Strasse", if you check in at Atlantic Hotel. If you check in at Hotel Munte, leave the bus after two stops at station "Munte". This description is valid for both arrivals, either airport or train station.

To reach MARUM, follow the "Wiener Straße" and turn to the right into the "James Watt Strasse". At the end of the street, turn left into the "Leobener Straße". Follow the "Leobener Straße" until you reach the MARUM buildings main entrance.

MARUM - Universität Bremen
Leobener Strasse
28359 Bremen

The meeting will take place in **ROOM 0190** that is located on the ground floor. When you enter the entrance hall, pass the elevator on your right hand side. It is the last room to the right before the staircase.

You can call me on my mobile if you encounter any problems:

Nicolas
0049-163-7058301