

NOOS Annual Meeting 2013



**11th, 12th and 13th of September 2013,
EuroGOOS premises,
Brussels, Belgium**

Document history

	Name	Date
Prepared by	S. Legrand	23/09/2013
Reviewed by	Steering-group	
Version to be approved by NOOS members	S. Legrand	24/01/2014

Participant List

Institute	First Name	Last Name	Annual meeting	Business meeting	Steering group Meeting
BSH	Stephan	Dick	X	X	X
BSH	Kai	Herklotz	P	X	
BSH	Kai	Soetje	P		
CEFAS	Kate	Collingridge	X		
Deltares	Caroline	Gautier	X	X	
DMI	Jacob Woge	Nielsen	X	X	
ETT	Antonio	Novellino	P		
FCOO	Niels	Holt	X	X	X
HGZ	Johannes	Schulz-Stellenfleth	X	X	
Ifremer	Lucia	Pineau Gouillou	X	X	
Ifremer	Sylvie	Pouliquen	P		
IMR	Henning	Wehde	X	X	X
MDK	Annick	Van Laere	X	X	
MET Norway	Bruce	Hackett	X	X	X
NIVA	Kai	Sørensen	X		
RBINS-OD Nature	Sebastien	Legrand	X	X	X
RBINS-OD Nature	Jose	Ozer	X	X	

RWS	Marc	Philippart	X	X	
SMHI	Thomas	Hammarklint	X	X	
EuroGOOS	Patrick	Gorringe	P		
EuroGOOS	Yota	Antoniou	P		
UKMO	John	Siddorn	X	X	X

P = Partial attendance.

Annual meeting

Eurogoos presentation

Patrick Gorringe welcomed us and presented the latest developments of EuroGOOS.

EuroGOOS AISBL has been created with funding members RBINS and IMR. Since then, about 20 members have signed the declarations of incorporations among with 2 new members : ISPRA and CMCC. The other members are expected to sign by next EuroGOOS annual meeting in mid-November.

The new EuroGOOS premises are moved to BELSPO office, Brussels. Yota Antoniou is the new office manager.

Current EuroGOOS activities encompass

- collaboration with EEA
- Facilitating creation process for ECOMF and clarifying the role of EuroGOOS members as in-situ data providers or users partners
- Collaboration at EU level within MODEG (marine observation and data expert group), Marine Board, Emodnet physics, JERICO, EuroArgo, GMES-PURE,...
- Collaboration at international level with EUMETSAT, EUMETNET, IODE, JCOMM, ICES, GOOS regional forum, GEO process with the mission to be the 'coordinated european voice at global scale'

EuroGOOS is also

- Leading an inventory of data availability at global scale, through IODE ODP (ocean data portal)
- Leading the global modelling inventory
- Contributing to a "white paper on coastal observing systems : status and perspectives"

DATA-MEQ recommendation 2013

Sylvie Pouliquen presented the outcomes of the Data-MEQ meeting that was held prior to the NOOS AM at the EuroGOOS offices. The recommendations will be the subject of a proper EuroGOOS report. The following needs were identified and discussed:

- Need for a unique ID / platform code to be used by all (ROOSES, SDN, MyOcean,WMO,...) . The problem is particularly acute for coastal moorings
- Need for tracing data provider chain even in aggregated data set. This could be done by instauring the user 'edmo' provider code
- Need to define a minimal list of metadata that should include QA, georeference

- ➔ Need to prevent duplicates and develop mechanisms to get the “best and master copy” out of the Internet. This part of the job could/should be a responsibility of the SeaDataNet consortium
- ➔ Need to develop adequate data citation rules (from network source to original provider)
- ➔ Need of feedback loop from data provider and efficient update process

EMODNET physical parameter lot (<http://www.emodnet-physics.eu> ; contacts@emodnet-physics.eu)

Antonio Nevollio presented the objective of the second eumodnet-physics project and the associated data portal. Basically, this portal is a one-stop-shop European service that buffers and offers for discovery, visualisation and download purposes of the latest 60 days of physical in-situ data. The data are mainly collated from major players such as EuroGOOS ROOSes, national institutes, EU-projects (MyOcean and Jerico) or commercial companies. Out of the moving 60 days period, the portal also redirects the users towards the regional data portals (as NOOS data portal) or the data owner website.

During the second EMODNet physics project, about 500k€ will be available to EuroGOOS ROOSes in order to improve the sustainability of the data fluxes, the availability of data and/or to extend the new kind of data (e.g. hf-radar).

The way NOOS could use this money has been discussed several times for the meeting in order to come to a consensus. See the minutes of the business and SG meeting

GMES-Pure

Yota Antoniou briefly presented the objectives of the GMES-Pure project and announced the GMES-PURE Marine User Requirements Consolidation Workshop: SHAPING THE OPERATIONAL COPERNICUS MARINE MONITORING SERVICE, 29 - 30 October 2013, EuroGOOS AISBL, Brussels, Belgium.

Status NOOS portal

The ftp box for routine download is situated at <ftp.bsh.de/outgoing/rcnws>

For userid and password please contact stephan.dick@bsh.de.

New item within the NOOS portal is the inclusion of the historical data. Status for the moment is that the German cruise data are included;

The members are requested to provide more data.

Several moorings time series have been included via the activities within the MyOcean project while the inclusion of water level data is subject of actual activity. General question: what is the aim and audience for the NOOS web page? Need a WG on web page content and layout.

On modelling issues

Main activities were in the field of ensemble modelling and forcing by new hydrological data (E-Hype: <http://e-hypeweb.smhi.se/>) (see minutes of Business Meeting)

National report

During this session each participant had the opportunity to present his/her institute activity report for year 2012-2013. The institute reports should be made available at <http://noos.cc/index.php?id=185>.

ACTION: All partners must upload their institute report on NOOS website.

Below are some notes taken on the fly:

NIVA

Ferrybox

- improvement of the PCO₂ data from ferrybox
- chemical extractor for PAH, PCB and pesticides (passive sampler) in ferrybox – test in the framework of JERICO
- MARIABOX

Remote sensing:

- Ferrybox for validating satellite (MERIS) reflectance (protocols defined)
- HIGHROC

Modelling BGC and acidification

- Some work based on NEMO-ERSEM

MET Norway

New updates

- Waves : putting waves data in the NOOS data (filling gap in Norwegian part of NS)
- HF-radar : operational in the west coast again
- New HPC since fall 2012 with coastal models at a resolution of 800m along the whole Norwegian coast
- MyOcean ARTIC MFC with TOPAS
- BGC model retired from operational (because POM based code and new model in ROMS)
- Oil spill: OSCAR is now operationally run. However as it offers more control, the previous model OD3D is being rejuvenated.
- Radioactivity model. A PhD student is currently investigating to decide which modelling approach between the Lagrangian Particles or the Eulerian model is the most adequate.

- Routine for validation of Artic products in MyOcean
- Bruce is member of JCOMM ETMSS (Expert Team on Maritime Safety Services)

UK metOffice

- A few more drifters in North Atlantic (E-surfmar)
- OSTIA: developing diurnal product
- Model : AMM7 + polcoms + wave watch 3
- Data Assimilation: NEMOVAR under test
- R&D: The development of a coupled high resolution ocean-atmosphere-waves models (~1nm resolution) is about to start. No decision has been taken yet to decide if the model will be centred on UK islands or will cover the whole North West European Continental Shelf.
- NWS reanalysis with AMM7 1985-present with DA

IMR

- Regional modelling : hindcast by ROMS / coastal model with 800m (collaboration with MET Norway)
- BioGeoChemical model: NORWECOM + IBM models + modelling routes of marine pollutants
- The Norwegian NODC is now located at IMR. It will disseminate his data towards SDN, MyOcean JERICO...
- Decreasing of number of vessels -> used of charter ships but data quality is going down
- Fixed stations: there is a real need for automated devices because fisherman who were maintaining the stations are getting old
- NORWECOM development: towards higher trophic levels (pelagic fishes as IBM) in order to improve the representation of the food-web competition

RWS

- New organisation
- New storm surge and waves models (during storms models are run every 3 hrs, otherwise 6hrs)
- Plan to put KNMI forecast in BMA. (Discussion: Should matroos also include hand adjusted forecast? Unless in NL, the partners are only dealing with model forecast)
- Irish sea always/still out of the wave model at RWS
- RWS is ready to distributed the gridded data of the new surge model
- Development of uncertainty information quantification
- Possibility for participating in NOOS transect
- Martin Verlaan is working on the data assimilation of the Rotterdam HF radar data
- Hosting of noos matroos db is delayed once again
- Advanced log frame to monitor data fluxes with automatic error tracing for upstream data was also presented.

Deltares (Caroline Gautier)

New model AQUA DCSM V6 is now in operational

- Really impressive RMSE and Bias error for the sea level and the surge along coastline and estuaries! (figures are computed in hindcast mode for 2007)
- Further improvement provided by the Kalman filter at coastal station.

Waves model:

- 2 levels nesting of SWAN model
- Spectral OBC from WAM ECMWF + currents from AQUA DCSM V6 + wind from hirlam
- Grid size down 2-3 meters close to Rotterdam
- 4 forecast cycle a day
- The validation results is also impressive as for AQUA DCSM V6

HGZ

- Continue works on HF-radar(range up to 150 km), gliders (2 almost always continuously flying in German bight), ferrybox
- Modelling -> WAM + GETM, NEMO, BSH model + SELFE (unstructured grid)
- Research on the impact of small scale meteo features on hydrodynamic simulation results
- Optimisation of the DA scheme with hf-radar data + SSS/SST and glider (run in pro-operational)
- OSSE experiments in context of JERICO (only mentioned - no results shown)
- Pleading for harmonization about HF radar data and validation procedure

FCOO

- Always in the move from damsa to fcoo
- Still running hydrographic and waves models
- New version of the webpage : marineforecast.dk
- Arctic as new area of interest (including Greenland) + member of arctic ROOS
- Drift system : SeaTrackWeb has a new interface
- Ice model for getm under development

BSH

Observation

- Annual monitoring cruises finished but no scanfish data this year.
- FINO stations are now equipped with a radar gauge from RADAC
- Gaps in marnet data in 2013 because some problems with the data flow. A new satellite connexion is now under test in order to solve this issue (not iridium, the other one)

Modelling

- Operational always with the 'old' model
- HBM operational only for the Elbe estuary (resolution of 90m); switch to other nesting during 2014 (HBM v3 pre-op for Baltic in the frame of myo2)
- STW operational

Under development

- Multi Model Ensemble in NS and Baltic
- One way coupling water level , current and ice -> wave model in DeMarine project (special focus on windmills parks)

RBINS-OD Nature

- RBINS-MUMM has a new name: RBINS-OD Nature
- New web-sites for RV belgica data :
<http://www.mumm.ac.be/EN/Monitoring/Belgica/odas.php> and
<http://www.mumm.ac.be/datacentre/Databases/ODAS/>
- A second coastal observatory is operated along Zeebrugge fairway channel to study impact of dredging activity on the sediment transport in the area
- Successful experience with a wave-glider
- Development of a high temporal resolution (15') satellite imagery algorithm to monitor SPM activity from the geostationary satellite SEVERI
- Latest developments of COHERENS, including a brand new sediment transport module
- Adoption of OSERIT by Belgian coast guards in their daily practices.

SMHI

- Recent development of E-hype
- SMHI open data web site

IFREMER - PREVIMER

- New products of tidal harmonic constituents -> see validation report on the previmer website (better than fes2013 because resolution up to 250m close to coastline)
- New 2 way nesting based on the spectral nudging method (work done by Pierre Garreau)

DMI

- HBM model (2 cycles a day)
- Storm surge (4 cycles a day) + 10 years re-analysis (also forcing for oil spill model) – need to update of the bottom drag coefficient to use a variable one (previmer use charnock drag coefficient with variables coming from waves model – ask lucia for more detail)
- DMI has no operational data assimilation
- Validation of peak errors in NOOS sea-level errors. The Netherlands forecast are the best for far.

Business meeting

Henning Wehde opens the Business meeting 2013.

The agenda of the meeting is adopted.

Sébastien Legrand was designed as rapporteur.

The minutes of the previous meeting were approved.

Review of the actions from the business meeting 2013

1. Bathymetry (UKMO) : under progress almost done. Still a need to report national activity about bathymetry multi-beam to Enda O'Dea
2. from previous try out portal : done
3. ALL: check the consistency and the availability of the national data in NOOS portal
ACTION (ALL): this action is not closed and should be redone on basis of JERICO's inventory (about 900 stations is listed for the NWS). This work should also focus on delayed data.
ACTION (Henning Wehde): A contact list stating who is managing the different data sets collated in the NOOS data portal should also be created and be made available on NOOS website. HW responsible for drafting the list
4. Sea-level from UKMO on NOOS synoptic website. The data are well available even if not presented on the NOOS website
ACTION (Jacob): need to recode some part of the website
5. NOOS member report on noos.cc. **The member report for 2012 has been uploaded on NOOS website.**
ACTION ALL: Could everybody upload its member report for 2013
6. Common possibilities for funding.
ACTION ALL: To be continued in 2013 but we maybe need to have first good ideas before trying to get money for realizing it.

NOOS memberships

Current members

ACRI-ST : ACRI-ST has never attended any NOOS annual meeting. **Henning Wehde will check with ACRI-ST contact point if they still have an interest to take part to NOOS activities.**

In case no ACRI-ST delegate will be present at the next NOOS annual meeting, the question of ACRI-ST membership will be submitted to vote at the business meeting 2014.

SHOM : SHOM has not attended a NOOS annual meeting since 2009.

Meteo-France : Meteo-France is no more allowed to travel to attend NOOS annual meeting and they have suggested to be represented by Mercator's delegate. However Mercator is not a NOOS member and has no reason to become one. NOOS assembly wonders whether IFREMER could take that role as they are more active in the NOOS area.

University of Oldenburg : As he is too busy, Thomas has not been able to attend the last 2 NOOS annual meeting. However, BSH confirms that University of Oldenburg still desires to be a NOOS member.

NERC : NERC has appointed a new NOOS delegate: Kevin Ros. He will attend the next annual meeting.

KNMI: KNMI is represented through RWS.

Future and potential members.

Marine Scotland Science (ex MARLAB) has showed strong interest to become a NOOS member within the next few years.

CETMEF (French, waves) has been contacted but has shown a weak interest.

Some Institutes in Iceland have been contacted but they have declined the offer.

DODC may be a good potential member

ACTION (Henning Wehde): Henning will check with ACRI-ST their interest to remain a NOOS partner. Henning will take some contact with DODC.

ACTION (IFREMER): Lucia is in charge to reorganise the memberships of the SHOM, Meteo-France and CETMEF.

Feedback of the steering group meeting 2013, Cork

Henning Wehde presented the minutes of the last steering group meeting that has been held in Cork back to back with the MyOcean 2 annual meeting. The discussed topics were :

- Review of actions
- Tsunami warning system
- Portal functionality:
- Website
- NOOS Strategic plan
- ROOS chairs as EuroGOOS executive directors
- Presentation of the Drift project by SL
- EMODnet physics
- Relation EEA NOOS

- JPI Oceans stakeholder Workshop
- NOOS Annual meeting in Brussels

The minutes are available on NOOS website.

Chair activities report

As NOOS chair, Henning Wehde participates at these activities:

- ECOMF strategic partnership meeting, Nicosia, Cyprus, 11 October 2012:
 - The main outcome of that meeting was the formulation of the Nicosia Declaration on a strategic partnership (available on the Internet)
 - Development of the strategic partnership action plan
- ROOS Chairs, EuroGOOS and EEA meeting, 21 .11.12
 - During the meeting it became clear that EEA would like to play a much more active role when it comes to operational oceanography
 - There is the possibility that EEA will actually administrate and distribute the GMES funding for ECOMF regarding the in-situ part
- EuroGOOS Annual Meeting, 22-23 November 2012, Hamburg
 - NOOS Chair report was presented
- EuroGOOS Board meeting
 - Changes in EuroGOOS
 - New Director (Secretary General) of EuroGOOS started in January 2013 – Kostas Nittis
 - New vice Chair of EuroGOOS – Erik Buch
 - Incorporation of EuroGOOS AISBL is completed – it means EuroGOOS exists now as a legal entity
- Meeting in EEA, 12-13 February 2013 – draft agreement between EuroGOOS and EEA was discussed
- Monitoring matters workshop in Copenhagen, EEA, 11-12.4.13:
 - EuroGOOS – EEA agreement was signed
 - One-hour meeting between EEA and ROOSs chairs to discuss possible service level agreements (SLAs) – it was decided not to sign SLAs!

- EuroGOOS Science Advisory Working Group (SAWG) in Cork, Ireland, April 15, 2013
- EuroGOOS Board Meeting on 23 May 2013 (Malta), in connection with European Maritime Day
 - CSA JPI Oceans Stakeholder meeting
 - Townhall featuring GEO, GOOS, and Blue Planet at MTS/IEEC Oceans conference

ACTION: Jacob to be the NOOS representative at the EuroGOOS board meeting in early October 2013.

ACTION (Henning Wehde): Henning will develop his vision to define our role and growth NOOS visibility.

This year is very important because within 1 year the European landscape in OO will completely change with Copernicus MC (not sure that ECOMF will have the bid). There is a need to ask for a better report of EuroGOOS WG at EuroGOOS AM and see what is in line or not with NOOS vision.

Review, discussion and decision on NOOS-services

Modelling

John Siddorn presented the status of the modelling working group.

New idea: Future thinking on how to use metrics to qualify the model behaviour by process and regions.

Actions (John Siddorn) :John must write a document describing his wishes for the working group on validation metrics and let circulate it to identify interested people.

Bathymetry: John reports differences between emodnet bathymetry and old NOOS bathymetry.

Action (John Siddorn): John should provide the EMODNet bathymetry to NOOS members

NOOS/BOOS project on multi-models ensemble

The assembly decided to create a NOOS/BOOS project on MME and suggest Frank Janssen (BSH) as leader. A formal request will be sent to BOOS.

ACTION (Stephan Dick/Frank Janssen): Write a NOOS Project Fact Sheet

ACTION (Henning Wehde) : Submitting a formal proposal to BOOS annual meeting

Waves

Caroline Gautier presented the status of the wave project.

Basically, waves observations are downloaded from the ftp sites of the participating partners and collated on a unique ftp : <ftp://partners.noosdata.nl>. These data are viewable on NOOS website.

For the future, it would be interesting if 2d spectral data observations could be exchanged. Some countries are able to provide those data but not all.

It is also asked to build an inventory of the available data, with their updates frequency, parameters... This would help NOOS members to setup scripts and use the actual data

Problem of building an archive from non-quality checked RT data has been underlined. The project should maybe also collect QC delay data from the providers.

The question of sharing waves models forecast is once again discussed. Jacob pointed out a JCOMM as a potential example as the 3 month hindcast publicly available website (JCOMM). The link should be put on noos web site.

ACTION (ALL): Check if 2D spectral data can be made available to NOOS -> report to Caroline Gautier.

ACTION (Caroline Gautier): create an inventory of the available moorings and parameters.

ACTION (Jacob Nielsen): To share his experience with JCOMM data.

Transports

Stephan Dick presented of the transport project, including the outcome of the March meeting and the new web presentation

MET Norway is implementing in the hourly transports

IMR / Morten has prepared his reanalysis data (monthly means) and would be happy to have a link on the webpage as an hindcast transport product. This proposal has been approved.

Jacob Nielsen reports a problem with the 'date' displayed on the web by some partner transect plots (sometimes go back one day in comparison with expectations).

ACTION: Contact Barbara Berx from Marine Scotland Science as she could have good idea to validate the transports. (This is the subject of her PhD thesis)

Drift project

Sebastien Legrand presented the status of the NOOS working group on drift, including the outcome of the first working group meeting and the outlines of the roadmap for 2013-2015.

RWS offers to use their data from drifting wave riders when their moorings are broken.

Rivers

Bruce Hackett presented the status of the rivers project, including the latest development with ehype.

A possible solution has been found at UK metOffice in order to fill the gaps with UK observation. To be confirmed soon.

In-situ monitoring

A discussion group will be set-up to reenergise this working group. The nucleus of the discussion group will be made of Kai Herklotz and Henning Wehde. However, any new participants is welcomed.

The objective is to set up collaboration around North Sea in order to organize one synoptic campaign around North Sea. This campaigns could be a good opportunity to get data on at least one transport transect

Comments:

- ➔ This is an ambitious goal that has never been concretized neither by Eurofleets nor pogo. However, Henning Wehde believes that the current financial crisis could help making some progress in this need.
- ➔ This is also a long term objective as such a campaign must be prepared more than one year ahead.

EMECO

EMECO was adopted as a NOOS project in 2011. Some progresses are happening but not in connection with NOOS work.

ACTION : Henning will contact David Mills (who is excused). A decision on the future of EMECO as a NOOS project will be taken next year.

Decision on EMODNET physical parameter lot

In view of their experience and involvement in the relevant NOOS working groups, three NOOS partners could benefit from the EMODNET fund. Those are:

1. BSH that could use this money to maintain the NOOS in-situ data portal
2. Deltares that could use this money to maintain the matroos product in NOOS. (Deltares could already be happy with 10 k€)
3. HGZ that could use this money to increase ferrybox data availability in NOOS portal

The general assembly decided to promote the submission of a common proposal instead of starting an unwished competition.

ACTION: Henning Wehde will be the contact person for this EMODnet and he will liaise with potentially interested institutes. The formal proposal will be shaped during the Futoore meeting, early October

Formal adaption of new NOOS projects:

The NOOS/BOOS project on multi-model ensemble forecast is adopted. It will be lead by BSH.

The creation on a working group to improve NOOS website is approved. Its members are Kai Soetje (BSH, leader), Bruce Hackett (MET Norway), Jacob Nielsen (DMI), Niels Holt (FCOO) and Kate Collingridge (CEFAS). (Marc Philippart suggests adding movies on the front page for SST or waves spectra).

Improving collaboration with ROOSes and EuroGOOS

The way to improve collaborations with ROOSes and EuroGOOS has been discussed.

This could be done by creating common working group and by inviting representative to the respective annual meetings.

Henning Wehde informed us that he was invited to the previous BOOS annual meeting and that he invited BOOS and IBI-ROOS chairs to attend the NOOS annual meeting. Unfortunately, if the chairs expressed interest for the invitation, they were not able to attend due to lack of time.

For common working group, the general assembly suggests to learn lessons from the future experience of the NOOS/BOOS working group on MME.

Finally the general assembly expressed the wish that, at the next annual meeting, EuroGOOS general secretary will present what EuroGOOS does in support to NOOS activity.

Election or reappointments of Steering Group Members.

The steering group members are

1. John Siddorn appointed in 2009 (Brussels)
2. Bruce Hackett (re-)appointed in 2010 (Hamburg)
3. Sebastien Legrand appointed in 2010 (Hamburg)
4. Henning Wehde (re-)appointed and elected NOOS chair in 2011 (Hamburg)
5. Chair Stephan Dick reappointed in 2012 (Copenhagen)
6. Niels Holt appointed in 2012 (Copenhagen)

John Siddorn's term is therefore ending in 2013. As there is no other candidate, John Siddorn is unanimously re-appointed for a second mandate.

The steering group committee is therefore made of :

1. Bruce Hackett reappointed in 2010 (Hamburg)
2. Sebastien Legrand appointed in 2010 (Hamburg)
3. Henning Wehde reappointed and elected NOOS chair in 2011 (Hamburg)
4. Chair Stephan Dick reappointed in 2012 (Copenhagen)
5. Niels Holt appointed in 2012 (Copenhagen)
6. John Siddorn reappointed in 2013 (Brussels, EuroGOOS)

Next NOOS Annual meeting:

- Venue: Delft, the Netherlands (2014). (Exeter could be in 2015.)
- Format : 3 days noon to noon
- Dates: Monday 15th until Wednesday 17th of September 2014.
- Agenda :
 - o 0.5d : business meeting
 - o 0.5d : national report focussing on new developments only
 - o 0.25d : EuroGOOS report by hopefully Costas Nittis, with a focus on what EuroGOOS is doing for NOOS
 - o 0.75d (Remaining) depends on actuality – likely about NOOS role in Copernicus.

Project meeting:

- Kai Herklotz and Henning Wehde will meet at Futoore in order to re-energize the in-situ working group. Any other interested persons are welcome.

No other project meeting is foreseen for 2013-2014.

AOB

None.

Henning thanks everybody for their contribution to the NOOS annual meeting 2013 and closes the session.

Steering group meeting

Review of the actions of previous AM

ACTION Jon Rees should be contacted to check if NOOS can access the silicate data from the project UK IMON

ACTION: Henning Wehde must send the new name SHOM contact detail to Sebastien Legrand in order to update the NOOS mailing list

EuroGOOS-NOOS connection:

Chairs are observer of EuroGOOS board of executive directors, without voting voice.

Two EuroGOOS executive directors must be elected in 2013. Mike Bell has proposed Henning Wehde as a potential candidate to replace him for the NOOS area. However, this candidature has been rejected by the board as there already is a board member from a Norwegian Institute (Johnny Johannessen).

After discussions, the steering group decided to support the candidature of Bernd Bruegge (BSH). Indeed, he has always been very supportive of the NOOS activities.

EMODNET physics

Which answer to report to Antonio Novellino?

NOOS should decide how to allocate the money. No definitive and satisfying solution has been decided at the business meeting but it seems there is a consensus to come with a unique proposal with 3/4 of the money going to BSH; 1/8 to Deltares and 1/8 to HGZ, as a sign that their works are much appreciated by NOOS.

Henning will liaise with Antonio Novellino to verify if this kind of consensus is eligible.

Upcoming possibilities

No real upcoming possibilities have been identified for the next 6 months.

Influencing Horizon 2020 seems very too late. The EuroGOOS SAWG (Science Advisory Working Group) should have written a white paper going in that direction, but no NOOS steering group member has been consulted and nobody knows the exact status of this initiative.

John Siddorn will see with the UK national representative if he can still push forward maritime sciences in Horizon2020. John will report his impression to the Steering Group.

Henning Wehde informs the steering group of a Norwegian – Estonian bilateral collaboration program. Henning will try to submit a proposal that could improve the NOOS-BOOS collaboration, likely on monitoring.

Next meeting :

- March or April 2014
- IMR if the MyOcean annual meeting at Bergen is confirmed. Otherwise another place will have to be found.

AOB

None.

Henning closes the meeting at 14h45.