8th FerryBox Workshop
17-19 October 2017, M/S Color Fantasy
Oslo-Kiel-Oslo

Agenda & Logistics
Revision 1
13 Oct 2017

Thanks to our sponsors!!!
Day 1: Tuesday 17 October 2017
9:30 Early check-in begins at Color Line Terminal, Oslo

10:30 Early boarding begins; coffee/tea and snacks in conference area

12:00 Welcome to workshop (Kai Sørensen, Tor-Petter Johnsen, and special guest from Color Line)

12:30-13:30 Session 1: Status of FerryBoxes in different regions (Chairs: Marit Norli, NIVA; Jukka Seppala, SYKE)
Overview of FerryBox Task team activities, current status within EUROGOOS
F. Colijn and W. Petersen
Hemholtz-Zentrum Geesthacht (HZG)

A fleet of merchant vessels facilitates enlargement of FerryBox observation systems in the Northern Europe
A. Willstrand Wranne, B. Karlson, J. Linders and F. Waldh
Swedish Meteorological and Hydrographical Institute (SMHI)

Carbon Dynamics in the North Sea: Insights from FerryBox Measurements
W. Petersen and Y.G. Voynova
Hemholtz-Zentrum Geesthacht (HZG)

Cefas Endeavour FerryBox 2009-2017 (FLASH)
T. Hull, D. Sivyer, V. Creach, N. Greenwood
Centre for Environment, Fisheries and Aquaculture Science (Cefas)

Tunisian FerryBox: a new approach to study water masses properties and dynamics in the Western Mediterranean Basin (FLASH)
S.B. Ismail, M.A.B. Ismail, C. Sammari
National Institute of Marine Sciences and Technology (INSTM)

13:30-15:00 Check-in to cabins; then lunch at Restaurant Grand Buffet (Deck 6 Forward) (1400: Color Fantasy departs from Oslo)

15:00-16:30 Session 1: Status of FerryBoxes in different regions (cont’d)
Status of FerryBox lines in Norway and beyond
A.L. King, M. Norli, P. Jaccard, K. Sørensen
Norwegian Institute for Water Research (NIVA)

Underway with ICBM
J. Wollschläger, D. Voß, O. Zielinski
University of Oldenburg (ICBM)

Water Quality and Nutrient measurements in the turbid Ems estuary
A. Ritzmann
Coastal Research Station

Challenges for the operation and maintenance in the shallow and turbid Wadden sea areas
J. Grünenbaum
Lower Saxony Water Management, Coastal Defence and Nature Conservation Agency (NLWKN)
Monitoring Ocean Acidification using FerryBox (FLASH)
M. Norli, A. L. King, E. Yakushev, P. Jaccard, E. Reggiani, R. Bellerby, K. Sørensen
Norwegian Institute for Water Research (NIVA)

16:30-17:00 Coffee/tea break

17:00-18:30 Session 2: FerryBox observations in combination with other ocean/earth observing systems and data management (Chairs: Bengt Karlson, SMHI; Henrike Thomas, HZG)
JERICO-NEXT - main objectives, main results and future strategy
P. Farcy, D. Durand, JERICO-NEXT steering committee
French Research Institute for Exploitation of the Sea (IFREMER)

The Common European FerryBox Database: Current Status and Next Steps
Hemholtz-Zentrum Geesthacht (HZG)

Hydrographic/environmental effects of shipping in the Baltic Sea
A. Tengberg, I.-M. Hasselöv, T. Köuts, K. Vahter, L. Arneborg, D. Atamanchuck and D. Wallace
Chalmers University of Technology

Unmanned ocean vehicles, a flexible and cost-efficient offshore monitoring and data management approach
Akvaplan-niva

NuLAB wet chemistry nutrient analyser
V. Dauben, O. Zenk, K. Carstens, A. Davidov, V. Kelly
MBT GmbH

Bonus Integral - Integrated carbon and trace gas monitoring in the Baltic Sea (FLASH)
A. Wranne Willstrand
Swedish Meteorological and Hydrographical Institute (SMHI)

Using FerryBox data to encourage Europeans to take a closer interest in their oceans and to treat them with greater respect and understanding
T. Kristiansen, A.B. Ledang
Norwegian Institute for Water Research (NIVA)

FerryBox data in ecosystem modelling (FLASH)
R.M. Closter and A.C. Erichsen
DHI

Monitoring of Norwegian waters using FerryBox and satellite: the Glomfjord case study (POSTER ONLY)
S. Marty, P. Jaccard, M. Norli, K. Sørensen
Norwegian Institute for Water Research (NIVA)

18:30-20:00 Free time and JERICO-NEXT WP2 and WP5 side meeting

20:00 Dinner at Restaurant Grand Buffet (Deck 6 Forward)
Day 2: Wednesday 18 October 2017
7:00-9:30: Breakfast at Restaurant Grand Buffet (Deck 6 Forward)

9:30-10:00 Session 3: New sensor and sampling technologies (Chairs: Willi Petersen, HZG; Mohamed Anis Ben Ismail, INSTM)

MariaBox, a fully automated marine water analytical device for prolonged autonomous operation in the field
A. Giusti, E. Christoforou, P. Philimis, M. Bonasso, P. Barattini, R. Istitico, S. D’Auria, A. Varriale, I. Maguire, F. Regan, R. Chumbinho, R. McNulty
Cyprus Research and Innovation Center Ltd (CyRIC)

Microplastics sampling on FerryBox (FLASH)
B. van Bavel
Norwegian Institute for Water Research (NIVA)

FerryBox on Color Fantasy and the introduction to the tour
K. Sørensen
Norwegian Institute for Water Research (NIVA)

10:00-10:30 Coffee/tea break
(10:00 Color Fantasy arrives in Kiel)

10:30-12:30 Tour of Color Fantasy FerryBox systems (groups of ~10), instrument demos, and poster viewing

12:30-13:30 Session 3: New sensor and sampling technologies (cont’d)

Smart Buys for Marine Environment Monitoring: The Case of MARIABOX Project
Z. Theodosiou, M. Milis, A. Kounoudes
SignalGeneriX Ltd

Flow cytometry and imaging in flow methods facilitate automated observations and monitoring of algal blooms and phytoplankton abundance and diversity in automated platforms
Swedish Meteorological and Hydrographical Institute, Oceanography (SMHI)

Phycoerythrin fluorescence in the Baltic Sea
J. Seppälä, S. Ryttövuori, P. Ylöstalo, J. Ruohola, P. Maunula, S. Kaitala
Marine Research Centre (SYKE)

Perspectives with genetic sensors for FerryBox-based data observations (FLASH)
T. Baussant, J. Birch, C. Scholin, and I. Palchetti
International Research Institute of Stavanger (IRIS)

FerryBox activities in the CLAIM project – monitoring microplastics (FLASH)
Hellenic Centre for Marine Research (HCMR)
13:30-15:00 Lunch at Restaurant Grand Buffet (Deck 6 Forward)
(1400 Color Fantasy departs from Kiel)

15:00-15:45 Session 3: New sensor and sampling technologies (cont’d)
   Novel biogeochemical sensors: Operation of a newly developed total alkalinity (TA) analyser in combination with a FerryBox
   Y.G. Voynova, M. Gehrung, and W. Petersen
   Helmholtz-Zentrum Geesthacht (HZG)

   High frequency automated ammonia analysis for coastal water and FerryBox applications
   P. Moscetta, L. Sanfilippo, E. Savino
   SYSTEA SpA

   Robust Sequential Injection Analyser for autonomous Nutrient Analysis (FLASH)
   D. Blandfort and C. Ahlers
   Helmholtz-Zentrum Geesthacht (HZG)

   Measuring ocean velocity with a SOOP-mounted ADCP (FLASH)
   C.M. Aiken and P.A. Ramirez von Holle
   Proyecto FOCA

   Novel, multi-platform acoustic and optical sensors and data services developed in the NeXOS project (2013-2017) (POSTER ONLY)
   L. Golmen and co-authors
   Norwegian Institute for Water Research (NIVA)

15:45-16:00 Coffee/tea break

16:00-17:00 Closing remarks, any other business, plan next workshop

17:00-20:00 Free time

20:00 Banquet dinner at Oceanic Restaurant Deck 6 Aft)

Day 3: Thursday 19 October 2017
7:00-9:30: Breakfast at Restaurant Grand Buffet (Deck 6 Forward)

10:00 Arrive in Oslo, disembark
Logistics for 8th FerryBox workshop

Emergency contact: Andrew King +47 982 27 725; Marit Norli +47 415 25 913
Dates: Tuesday October 17 2017 to Thursday October 19 2017

Important times:
17 October 9:30: Check-in at Color Line terminal opens
17 October 10:30: Early boarding begins
17 October 12:00: Workshop begins
17 October 14:00: Color Fantasy departs from Oslo
18 October 10:00: Color Fantasy arrives in Kiel
18 October 14:00: Color Fantasy departs from Kiel
19 October 10:00: Color Fantasy arrives in Oslo

Location
The workshop will be held on the Color Line M/S Color Fantasy, which hosts NIVA’s FerryBox that makes observations in the Skagerrak and North Sea.

Physical address for Color Line port (where the M/S Color Fantasy will depart from):
Color Line AS, Hjortnes, PB 1422, Vika, N-0115 Oslo

Travel information
Northern Europe - fly to Oslo on the morning of Oct 17 and arrive at Oslo Gardermoen before 10:00. Return flight from Oslo Gardermoen any time after ~13:00 on Oct 19.

Southern Europe and beyond - fly to Oslo on Oct 16, stay at a hotel close to Oslo Central station (Oslo S), go to M/S Color Fantasy on Oct 17. Return flight from Oslo Gardermoen any time after ~13:00 on Oct 19.

Hotel in Oslo for before/after the meeting - For hotels, you can use this link to access "corporate" rates with Thon hotels. If you have not stayed at a Thon hotel before, they are a chain of business-oriented hotels that are simple and reasonable. The room rates always come with breakfast. Be aware that sometimes the prepaid options are the better deals! Link: www.thonhotels.com/?firma=TH38679619

We suggest that you stay near Oslo Central Train (Oslo S) station so that you can take the train from the airport to Oslo S on 16 Oct, and then on 17 Oct you will easily find a taxi or the Color Line bus to the port. Thon hotels close to Oslo S include: Thon Hotel Astoria, Thon Hotel Terminus, and Thon Hotel Spectrum

Getting to/from the Color Fantasy port
From the airport - Take taxi to Color Line port or take the Flytoget or NSB train to Oslo S, then a taxi to the port
From Central Oslo - Take taxi to Color Line port

Notes for day of departure (17 October 2017)
The check-in counter at the Color Line terminal opens at 9:30. Go to the group check-in counter which is on the right side of the counters on the 1st floor of the terminal. Just in case you need it, the booking number is: HAC9979. Please check-in here, get your boarding materials, and head upstairs to the waiting area. There will be a FerryBox Workshop check-in table in the 2nd floor waiting area. Here you will pick up your name tag and meeting materials.
At 10:30, you may begin early boarding. Note that your cabin might not be ready for check-in until later. Please head up to the conference area on Deck 12. There will be a storage room for storing your luggage until your cabin is ready. There will also be coffee/tea, snacks, and baguettes available. Please eat baguettes as lunch will not be served until 13:45!

If you are a company, a table marked with your company name will be ready for you to setup your booth material.

**Notes for the entire stay**
All meals are included with the workshop registration fee. The meal times and locations are listed in the Agenda. Breakfast is served at 7:00, lunch at 13:30, and dinner at 20:00. All meals will be at the Grand Buffet Restaurant (Deck 6 Forward), except for dinner on the last night that will be in the Oceanic Restaurant (Deck 6 Aft). Both dining rooms are accessed from the Promenade on Deck 7. Also included is the coffee/tea and fruit/snacks in the conference room area – these are available throughout the meeting. There are various other cafes, bars, pubs, nightclubs, and lounges throughout the ship where drinks and food can be purchased out-of-pocket.

Wireless internet access (WiFi) is included with the workshop registration fee. This should be available throughout the ship, but the connection strength may vary depending on where we are in the cruise route.

There are various entertainment and relaxation options while the Workshop is not in session. As mentioned earlier, there are various eating and drinking venues throughout the ship. There are also various shops (including duty free), a casino (1 NOK and up :D), a golf simulator (320 NOK), fitness center/jacuzzi/spa (100 NOK and up), and an Aqualand waterpark (79 NOK). These are unfortunately not included in the registration fee and must be paid for out-of-pocket – you may pay with NOK, Euro, or credit card. More information about these options and prices can be found here: [https://www.colorline.com/kiel-oslo](https://www.colorline.com/kiel-oslo)

There are evening shows that are included in the registration fee. There will be performances at 19:00 and 21:00 on both nights. The show on the first night is called “Galaxy” and on the second night it is called “Vegas Nights”. Doors open 30 minutes prior to the show, so the 19:00 show will likely fit best with our Workshop session and dining schedule. More information about the shows can be found in the link above.