



User Workshop #2
09-10 October 2017
BSH, Hamburg, Germany

1 Program

October 09, 2017

START TIME	EVENT NAME
From 12:00	Room Open – Participants arrival – Lunch Snacks offered
13:00 – 13:20	Meeting Start – Welcome – Introduction – Logistics Carole Lebreton – Kerstin Stelzer (BC) – Holger Klein (BSH)
13:20 – 13:35	<i>Welcome by BSH Copernicus team</i> Bernd Brügge and Iris Ehlert, BSH
13:35 – 14:00	HIGHROC Introduction Kevin Ruddick, RBINS – Project Coordinator
14:00 – 14:30	<i>In-situ measurements within HIGHROC</i> Kai Sorensen, NIVA
14:30 – 15:00	<i>Highroc validation – Methods and Results Highlights</i> David Doxaran, LOV
15:00 – 15:30	Coffee Break
	Start of User Presentations
15:30 – 15:55	<i>Shellfish Aquaculture from Space: Potential of Sentinel2 to Monitor Tide-Driven Changes in Turbidity, Chlorophyll Concentration and Oyster Physiological Response at the Scale of an Oyster Farm</i> Pierre Gernez, Gigasset
15:55 – 16:20	<i>HIGHROC SPM Concentration Products: Validation with in situ OBS data</i> Michael Fettweiss, RBINS SUMO
16:20 – 16:45	<i>Sediment Transport for Coastal and Estuarine Studies enhanced by Remote Sensing Products: a brief overview</i> Mark Bollen, IMDC
16:45 – 17:10	<i>Progress summary for ORE Catapult and the Crown Estate</i>

Veronique Creach, CEFAS, for Rodney Forster, UHULL

17:10 – 17:35 *Service level agreement satellite products Norwegian fjords*
Kai Sorensen, NIVA, for NEA

17:35 – 18:00 Wrap up from Day 1

End Of Day 1 – Arrange meeting for Dinner later

October 10, 2017

START TIME

EVENT NAME

08:30 – 09:00

Participants arrival

9:00 – 09:15

Welcome - Start of Day 2 – Logistics (e.g. taxis)
Carole Lebreton, BC

User Presentations Continued

09:15 – 09:40

Introducing machine learning in time series analysis of turbidity vertical profiles
Frederic Jourdin, SHOM

09:40 – 10:05

HIGHROC products for Swedish WFD Status Assessment
Petra Philipson, Brockmann Geomatics

10:05 – 10:30

I-SEA: Focus on coastal turbidity monitoring and end-user's requirements
Olivier Regniers, I-Sea

10:30 – 11:00

Coffee Break

11:00 – 11:25

HIGHROC products application and validation in the North Sea
Carole Lebreton, BC for Holger Klein, BSH

11:25 – 11:50

Suitability of HIGHROC products for Water framework directive and other Eutrophication assessments
Mike Best, EA UK

11:50 – 12:15

Satellite remote sensing to support WFD and MSFD monitoring efforts in the Belgian Coastal Zone

Dimitry Van der Zande, RBINS

12:15 – 13:45

Lunch Break

13:45 – 14:10

DCS4COP Introduction

Gunnar Brandt, BC

14:10 – 15:30

Discussion - Feedback from Users

How did you use the products (summary from presentations)?

Which products used?

Improvements needed for current products?

Do you have requirements for new products?

Feedback for the service itself

Requirements for service evolution (DCS4COP)

Chair: Carole Lebreton

2 Participants List

HIGHROC USER	HIGHROC PARTNER
Pierre Gernez (Gigasset)	UPMC
Holger Klein (BSH) – Local Host	BC - HOST
Mark Bollen (IMDC)	VITO
Olivier Regniers (I-Sea)	LOV/UPMC
Michael Fettweiss (RBINS SUMO-Group)	RBINS
Frederic Jourdin (SHOM)	RBINS
Petra Philipson (BG)	BC
Mike Best (EA UK)	CEFAS
HIGHROC PARTNER	INSTITUTE
Veronique Creach	CEFAS
Tiago Silva	CEFAS
Heloise Lavigne	RBINS
Kevin Ruddick	RBINS
Dimitry Van der Zande	RBINS
David Doxaran	UPMC-LOV
Els Knaeps	VITO
Anna-Birgitta Ledang	NIVA
Kai Sorensen	NIVA
Kerstin Stelzer	BC
Carole Lebreton	BC
Gunnar Brandt	BC
Louis Freytag-Loringhoven	BC