

A scientific and technical workshop on traceability of drifter SST measurements: rev 13 Nov 17

Salon de l'Océan, Ifremer, Brest, France: 13 November 2017

Objective

To review scientific needs and historical practice in drifter SST measurement and **agree best practice** for the future, for adoption and ratification by the DBCP and the satellite SST community.

DRAFT AGENDA

Timings	Title	Speaker
0900-0930	<i>Registration</i>	
0930-0945	Welcome by JCOMMOPS, the DBCP and ESA	Mathieu Belbéoch, Jon Turton, Craig Donlon
0945-1015	Introduction, background to the workshop, its purposes and scope, review of the La Jolla workshop, expected outcomes	David Meldrum (DMLtd)
Session 1	How the satellite community uses <i>in situ</i> SST: its needs for the future	Chair: Anne O'Carroll (EUMETSAT)
1015-1030	Contributions of drifter temperature measurements to satellite SST retrievals and to the climate record	Chris Merchant (U of Reading) Peter Minnett (U of Miami)
1030-1045	Usage of in situ SST measurements in match-up databases and Sentinel-3 SLSTR cal/val	Jean-François Piollé (Ifremer)
1045-1100	GHRSSST and satellite SST uncertainty validation, results from HRSST deployments, the need for traceability	Gary Corlett (GHRSSST PO)
1100-1130	<i>Coffee</i>	
Session 2	How the satellite community is progressing	Chair: Jean-François Piollé (Ifremer)
1130-1145	ESA initiatives in support of Sentinel-3 and GHRSSST	Craig Donlon (ESA)
1145-1200	EUMETSAT initiatives: improving drifting buoy SST for Copernicus satellite validation: outcomes of the ITT exercise	Anne O'Carroll (EUMETSAT)
1200-1215	Discussion - satellite community priorities	Craig Donlon (facilitator)
Session 3	Drifter SST background	Chair: Pierre Blouch
1215-1230	Drifter SST – current and historical practice, the roll-out of HRSST	David Meldrum (DMLtd)
1230-1245	The Global Drifter Program: current and future plans, latest HRSST results	Lance Braasch and Verena Hormann (Scripps)
1245-1345	<i>Lunch</i>	
Session 4	Practical progress with implementing traceable HRSST	Chair: Bernie Petolas
1415-1430	HRSST-2 recalibration: results from serendipitous recoveries	Paul Poli (Météo France), David Meldrum (DMLtd)
1430-1500	HRSST implementations by other manufacturers: an open forum discussion	Jeff Wingenroth (DBI), Bernie Petolas (Metoccean), Luca Centurioni (Scripps), Yves Degrés (NKE)
Session 5	Progress with ESA Fiducial Reference Measurements activities	Chair: Gary Corlett (GHRSSST PO)
1500-1515	Report on progress with FRM4STS Option 1 – drifter SST	David Meldrum (DMLtd)
1515-1530	Mining the archive for drifter SST metadata	Lovro Valcic (Bruncin)
1530-1600	<i>Coffee</i>	
1600-1615	ESA FRM activities: extending FRM to other drifter observations	Craig Donlon (ESA)
Session 6	Agreeing what needs to be done	
1615-1630	Manufacturer and end-user viewpoints	Craig Donlon and Jeff Wingenroth (facilitators)
1630-1645	Reactivation of the DBCP-GHRSSST Pilot Project	David Meldrum (facilitator)
1645-1715	Discussion – best practice, a strawman proposal for endorsement by the DBCP	David Meldrum and Jon Turton (facilitators)
	Meeting close	
TBA	<i>Self-funded Dinner at La Maison de l'Océan</i>	