

A scientific and technical workshop on traceability of drifter SST measurements

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 TBA		**Draft speakers – please confirm**
	<i>Registration and coffee</i>	
	Welcome by JCOMMOPS, the DBCP and ESA	Mathieu Belbéoch, Jon Turton, Craig Donlon
	Introduction, background to the workshop, its purposes and scope, review of the La Jolla workshop	David Meldrum (DMLtd)
Session 1	How the satellite community uses <i>in situ</i> SST: its needs for the future	
	Contributions of drifter temperature measurements to satellite SST retrievals and to the climate record	Chris Merchant (U of Reading) and/or Peter Minnett (U of Miami)
	GHRSSST and satellite SST uncertainty validation, results from HRSST deployments, the need for traceability	Gary Corlett (GHRSSST PO)
Session 2	How the satellite community is progressing	
	ESA initiatives in support of Sentinel-3 and GHRSSST	Craig Donlon (ESA)
	EUMETSAT initiatives: improving drifting buoy SST for Copernicus satellite validation: outcomes of the ITT exercise	Anne O'Carroll (EUMETSAT)
	Discussion - satellite community priorities	Peter Minnett or Craig Donlon (facilitator)
Session 3	Drifter SST background	
	Drifter SST – current and historical practice, the roll-out of HRSST	David Meldrum (DMLtd)
	The Global Drifter Program: current and future plans	Luca Centurioni (Scripps)
Session 4	Practical progress with implementing HRSST	
	The Metocean HRSST-2 sensor and its implementation	Bernie Petolas (Joubeh/Metocean)
	HRSST-2 recalibration: results from serendipitous recoveries	Paul Poli (Météo France), David Meldrum (DMLtd)
	HRSST implementations by other manufacturers	Jeff Wingenroth (DBI), Andy Sybrandy (Pacific Gyre), Sergey Motyzhev (Marlin-Yug), Luca Centurioni (Scripps), TBA (NKE)
Session 5	Progress with ESA Fiducial Reference Measurements activities	
	Report on progress with FRM4STS Option 1 – drifter SST	David Meldrum (DMLtd)
	Mining the archive for drifter SST metadata	Lovro Valcic (Bruncin)
	ESA FRM activities: extending FRM to other drifter observations	Craig Donlon (ESA)
Session 6	Agreeing what needs to be done	
	Manufacturer and end-user viewpoints	Craig Donlon and Paul Poli (facilitators)
	Reactivation of the DBCP-GHRSSST Pilot Project	David Meldrum (facilitator)
	Discussion – best practice, a strawman proposal for endorsement by the DBCP	David Meldrum and Jon Turton (facilitators)
	Meeting close	