ships4sst

shipborne radiometers for sea surface temperature

Service Roadmap

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Space ConneXions

Requirement / suggestion	Strategies for implementation / Comments	Impact (5 high, 1 low)	Difficulty (5 high, 1 low)	Target Date
Add more data and metadata to ISFRN database	*Encourage more radiometer operators to join the network.* *New routes and reprocessing of existing data to L2R*			
Improve information on observational methods				
Ensure adequacy and continuity of the observing system	*Performing more intercomparison exercises will help confirm the validity of uncertainty budgets, show the validity, equivalence and traceability of the measurements. This is actually quite hard to do in the field as there is a geophysical component we don't necessarily know. But we need to try achieve this in the field.*			
Improve openness and access to information				
Quantified fully broken down uncertainties and sources of error in respect to SI	*Source of errors might be tricky, and quantifying them, as if we can quantify them we correct for errors, otherwise they are uncertainties .*			
Push for more radiometers on ships of opportunities.	*Radiometers can be more readily made traceable to SI than buoys*			
Develop new routes	*Where should the most important areas be?*			
A database of information, including QA, on all radiometers to support validation	*Documentation of processing versions, instrument maintenance …*			
Promotion of community protocols and best practises	*Data submitted to the L2R archive should/must follow the shisp4sst protocols.*			
Measurements at a range of sea depths	*We can only measure at the surface (Skin) , so should this be a range of oceanographic regimes, or do we want to include other sensors?*			
Sampling of coastal variability	*Is already done, but we exclude most of the data for validation*			
Where would people like to see the focus of ships4sst.	*Any of the above, others?*			