

**Metadata form for underway measurement systems**

Please submit this form to Benjamin Pfeil (benjamin.pfeil@bjerknes.uib.no)

(\* =mandatory field)

to be filled out by the scientist  
To be filled ou by the data management

Investigator*	Name*		METZL Nicolas
	Organization*		LOCEAN/IPSL CNRS
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Dataset_Info*	Dataset ID*		
	Submission Dates (will be completed by the data management)	Initial Submission: (YYYYMMDD)	
		Revised Submission: (YYYYMMDD)	
Cruise_Info*	Experiment Name*		OISO
	Cruise ID		OISO-12
	Section (Leg)		
	Geographical Coverage*		South Indian Ocean
	Westernmost Longitude:		
	Easternmost Longitude:		
	Northernmost Latitude:		
	Southernmost Latitude:		
	Temporal Coverage		20050113 20050221
	Ports of Call		Réunion (Le Port)-Kerguelen-Crozet-Réunion (Le Port)
	Vessel*		Marion-Dufresne
			FNIN
			FRANCE
Variable	Variable Name*		ICO2(1013), ICO2(Palm)
	Description of Variable: (E.g., in dry air)		sea surface CO2 fugacity in wet air at 1013 mb or local atmospheric pressure
Method Description*	Equilibrator Design		Thin Film
			0,119 L
			2 (L/min)
			2 (L/min)
			Vented: each 20 mn
	Measurement Method		
	Manufacturer of Calibration Gas		Air Liquide France
	CO2 Sensors		IR
			Siemens
			Ultramat SF
		Precision	0.5 uatm
		Accuracy	2 uatm (include SST correction)
	Other Variables		Atmospheric pressure Fluorescence Equilibrium temperature ship speed ship head
	Method References: (Publication(s) describing)		Poisson et al., 1993, JGR; Metztl et al. 1995, 1999, Tellus; Metztl et al. DSR 2006
Data set references			OISO-12
Citation			Metztl, 2006, DSR II SOCOVY issue
Data Set Link	URL*		
	Label*		
	Link Note: (Optional instructions or remarks)		