

IFM-GEOMAR, FB1: Physical Oceanography: Mooring inventory

V434-09/CIS09, Irminger Sea Compiled: 31-May- 2009, JK last up-date: 31-May-2009

Mooring design: JK (final)

Deployment:

Date: 27-May-2009 Time: 15:36 - 18:53 UTC Cruise: MSM 12/1

PI on-board: Johannes Karstensen, IFM-GEOMAR, Kiel, Germany

Position of anchor launch: Latitude: 59° 40.86'N Longitude: 039° 43.93'W

Expected position: Latitude: 59° 41.08'N Longitude: 039° 43.62'W

Water depth (uncorrected): 2787.1m

Recovery:

Date: July/Aug. 2010 Time: Cruise: RV METEOR

PI on-board:

Instrument			Calibration (lab/CTD cast/ <i>in-situ</i>)		Remarks
Depth nom.	Type & Sensors	S/N	Pre-deployment	Post-deployment	
0 m	ARGOS Telemetry buoy	ID 17781	-	-	
10 m	MC-IM #01	2809			Telemetry, might be deeper
20 m	Electrically cond. Swivel	-			
30 m	MC-IMP #02	3416			telemetry
42 m	Electrically cond. Swivel	-			
42 m	O2-Optode	531	St.		Telemetry
	NAS 3X	2624	St.		no telemetry
	SAMI CO ₂	#25			telemetry
	MC-IMP #03	2712			telemetry
	WetLabs FLNTUSB	508	No		Telemetry, 27-05-09 13:00 start
72 m	MC-IM #04	0961			telemetry
111 m	MC-IM #05	2934			telemetry
152 m	32' flotation	-			
	WH ADCP 300 kHz up	#2379			
	Electrically cond. Swivel	-			
154 m	MC-IMP #06	2713			telemetry
196 m	MC-IM #07	1520			telemetry
266 m	MC-IM #08	0954			telemetry
371 m	MC-IM #09	2492			telemetry
547 m	MC-IMP #10	2265			telemetry
747 m	MC-IM #11	0960			telemetry
993 m	MC IMP #12	2263			telemetry
1000 m	Swivel, End telemetry	-			
1001 m	2xARGOS finder 17"	ID 5511, 2265			
1003 m	RCM8 T _{LR}	12005			
1244 m	MC-IM #13	0949			
1495 m	MC-IMP #14	2269			
					Deep RCM not deployed
2744 m	Swivel, 1x AR	441			Single releaser (sisal coated ring)