

NAAMES 02

May 11th 2016 - June 5th 2016

Operator: Nils HENTJENS

DATE (YYYY/MM/DD)	TIME (HH:MM)	Event	INIT	STAT
2016/05/12	0:52	Started ACS, BB3, and Flow through CDOM fluorometer not working Fill cartridge before plugging into system ↳ filter should be in water a couple of hours before using it		
2016/05/12	2:00	Unplugged CDOM and Flow through		
2016/05/12	3:11	FDOM is on and Flow through		
2016/05/12	08:43.30	All instruments work well, good flow rate		
	11:25:00	Fluorometer not working ↳ CDOM → no trend when switch filter non filter		
	15:42 - 15:46	Fluorometer unplug		
	16:28	Fluorometer is back working ↳ unplug / replug power → now 1.6V → should go down when filtered ACS got bit of lost packet so restarted Compass		
	17:30	CDOM FL seems stuck ACS spectrum are looking good water 8°C		
	22:53	Pump Off Inline is filtered and is keep logging		
	23:01	Stop BB3 & ACS & Flow through		
	23:30	Pump On, ACS + BB3 + FDOM + Flow through		
2016/05/13	2:53	Fluorometer back online was working most of the time before I not sensitive to filtered (non filtered)		

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2016/05/13	11:24-25	synchronisation of computer time (30s delay)	2016/05/17	20:05 to 20:09	In-line was paused during this time frame
	20:51	Tiny gap in BB3 data (logging recovered by itself)			
2016/05/14	23:00	stopped inline - clogged filter after crossing a patch of phaeocysts.	2016/05/18	17:04 17:18	acs - timed out acs works
		cleaning window on ACS + tubes; cleaning window bb3			
		< 420: 56, 57, 57 532: 57, 56, 54 660: 54, 55, 56	2016/05/19	18:00 15:45	might be a drop in pressure inline OP for cleaning (inline pressure dropped because falling 20 columns of water for other group) inline On Again + calibration of CDOM with DI water + dark of BB3 + change filter
		started w/o water 1:23:29 added water			
2016/05/14	23:33	started flow through	2016/05/20	3:39	Many bubbles coming in the system
		bb3 didn't work - switched wires (probably wire got wet)			
	23:59	bb3 working		7:30	Water overflowing in tank to next step
2016/05/16	16:15	ACS → error msg: Instrument Not Responding ↳ Turn Off Power 10s → ACS was back on → Spike in FDOM due to that		8:12	Start inline, many bubbles
	17:59	time out for acs		8:27	Start inline again, piece of transparent plastic removed
	18:13	stopped power for 10 sec		18:13	cleaned BB3
	18:14	All instruments run.		18:23	

DATE	TIME	Event
2016/05/23	14:35	Stop Inline, Clean BB3
	14:44	Restart Inline
2016/05/24	20:26	Stop Inline
	21:--	Start Inline
2016/05/29	00:12	Big bubbles seen in vortex Low flow rate: 1.7 l/min Filter 3.7 l/min Total Still a lot of bubbles → due to bad weather and high pitch of the boat. <small>6-45-50 knots wind</small>
	14:24	Many bubbles, spill in the stream Flow rate low 3.10 l/min Total
2016/05/31	2:40	Serial loan part got disconnected temporarily to main array on ACs + BB3 Everything is back online it seems that it was a temporary failure of the adaptator End piece of scratch/velcro blocking the intake exhaust of the main unit
	14:20	Stop Inline for cleaning
	14:55	Start Inline
	15:07	Stem gone → no more bubbles in system C tube unplug for few seconds

DATE	TIME	Event
2016/06/04	16:18	Stop Inline Dunk BB3 DI CDOM fluorometer
		<u>END OF CRUISE</u>