

UM Instrument Info for SW06/NLIWI

latest revision: 7 Jan 2008 Dr. Neil J Williams nwiliams@rsmas.miami.edu				Mooring	sampling start	sampling end	total (days)	all times:					
locations:				MSM	27-Jul-06	15-Sep-06	50.00	yankee	00:00:00 UTC				
				ASIS#1	29-Jul-06	15-Sep-06	48.00		00:00:00 UTC				
				ASIS#2	2-Aug-06	15-Sep-06	44.00	romeo	00:00:00 UTC				
ASIS 1 (SW57)	39.0192 N	78 m water depth	UCM	both	4-Aug-06	15-Sep-06	42.00		00:00:00 UTC				
	73.0536 W												
ASIS 2 (SW58)	39.0739 N	71 m water depth											
	73.1641 W												
Note: start/end times valid only for instruments that have capability to set in advance (i.e. not WOTAN, etc). UCM's are started after last possible date of deployment to ensure they are in a vertical position prior to power up. (Otherwise tilt error might cause shutdown) All instruments synchronized to ship's time server standard via Neil's laptop (synched morning of setup)													
notes	vendor	model	s/n	height>0 depth<0 (m above SL) nominal	type	sample rate (Hz unless noted)	Total # samples per channel	Duration in days	MSM	ASIS #1 SPAR yankee	ASIS #1 Tether small	ASIS #2 SPAR romeo	ASIS #2 Tether large
ASIS 1	Columbia	Accelerometer	1676			20 Hz				x			
		Pitch rate gyro	20120			20 Hz				x			
		Roll rate gyro	20121			20 Hz				x			
		Yaw rate gyro	20117			20 Hz				x			
	Env. Canada	Wave Wires (8)	-			20 Hz				x			
ASIS 2	Columbia	Accelerometer	1677			20 Hz						x	
		Pitch rate gyro	20101			20 Hz						x	
		Roll rate gyro	20110			20 Hz						x	
		Yaw rate gyro	20099			20 Hz						x	
	Env. Canada	Wave Wires (8)	-			20 Hz						x	
see note	Gill Instr. UK	1012r2a -asymmetric	144	5.85	ultrasonic anemometer	20		48		x			
	Gill Instr. UK	1012r2a -asymmetric	82	5.85	ultrasonic anemometer	20		48				x	
	Rotronics	mp101-t7	121101	4.8	RH/AT	20		48		x			
	Rotronics	mp101-t7	121102	5	RH/AT	20		48				x	
xl-200 records	Rosemount	1201	1073	0.46	Air Pressure	5 min samples	14000	48.611111				x	
	Sontek	Ocean Probe (5 MHz)	B102	-2.5	ADV	20		48		x			
ng	Sontek	Ocean Probe (5 MHz)	B88	-4	ADV	20		48		x			
	Sontek	Ocean Probe (5 MHz)	B209	-2.5	ADV	20		48				x	
	Sontek	Ocean Probe (5 MHz)	B91B	-4	ADV	20		48				x	
ok	Huygren	seamon-mini	208	-62	T	3.5 min samples	21000	51.041667	x				
ok	Huygren	seamon-mini	211	-9	T	3.5 min samples	21000	51.041667			x		
ok	Huygren	seamon-mini	215	-12	T	3.5 min samples	21000	51.041667			x		
ok	Huygren	seamon-mini	217	-9	T	3.5 min samples	21000	51.041667					x
ng	Huygren	seamon-mini	219	-12	T	3.5 min samples	21000	51.041667					x
ok	Brancker	XL-200	8727	-2.5	TP	5 min samples	14000	48.611111				x	
ng	Brancker	XL-200	8728		TP	5 min samples	14000	48.611111					
ok	Brancker	TR1000F	8229	-4	T	1 min samples	64000	44.444444		x			
ok	Brancker	TR1050PF	13433	-2	T	0.5	2400000	55.555556		x			
ok	Brancker	TR1050PF	13434	-4	T	0.5	2400000	55.555556				x	
ok	Brancker	TR1050PF	13435	-6	T	0.5	2400000	55.555556		x			
ok	Brancker	TR1050PF	13436	-6	T	0.5	2400000	55.555556				x	
ok	Brancker	TDR2050PF-25m	11887	-7	TP	0.25	1200000	55.555556		x			
ok	Brancker	TDR2050PF-25m	11888	-7	TP	0.25	1200000	55.555556				x	
ok	Brancker	TDR2050PF-100m	11889	-15	TP	0.25	1200000	55.555556			x		
ok	Brancker	TDR2050PF-100m	11890	-15	TP	0.25	1200000	55.555556					x
ng	NE Sontotec	UCM-60	6196	-7	UVCTP	5 Hz for 30 sec every 2.5 min	148000	256.94444			x		
ng	NE Sontotec	UCM-60	6115	-7	UVCTP	5 Hz for 30 sec every 2.5 min	148000	256.94444					x
verify	Sea Data	WOTAN-small	423 (was 157)	-15	W, Amb noise	2 meas/hr- 1/4 duty					x		
ok	Sea Data	WOTAN-large	473	-15	W, Amb noise	2 meas/hr- 1/8 duty							x

magnetic deviation: 12 deg 58 min W
per Allison 3rd Mate
(347.0333 is magnetic north)

NOTES: Sonic Anemometer on Yankee (ASIS 1) was struck on deployment and rotated, rotation corrected in post processing
mount at same location as pressure sensor on 0.2,0.4,0.8,1.6 kHz end
needed to be enabled on Joe's old gateway laptop
needs to be sent back to factory for repairs