

**ARSV Laurence M. Gould Sensor Calibration & Location Record**

Last Updated: 6/12/2006 Published Date: 6/16/2006		Key											
Note: Print in Landscape Mode		For permanent sensor installations (i.e. MET and Underway systems) with two or more sensors in rotation, use the following guidelines for planning sensor replacement:					*E/R/R*=Equipment Repair and Return		*IU*=In Use		Light Gray in Comments column indicates Sensor Missing "Where ?"		
		Annual Calibration Period - send sensors for recalibration every 9 months					Semiannual=6 Month		Biennial=2 Yr		Red in Cal Due column indicates Overdue Calibration		
		Two-Year Calibration Period - send sensors for recalibration every 20 months					Annual=Each Yr				Yellow in Cal Due column indicates Calibration due in < 120 Days		
											Green in Location column indicates Out for Calibration and/or Repair		
											Blue in Location column indicates sensor is currently installed and in use		
COL #	SENSOR NAME	SERIAL	MNFR	MODEL	SYSTEM	CAL. VENDOR	CAL PERIOD	LAST CAL	CAL DUE	LOCATION	COMMENTS	COL #	MAX DEPTH
<b>METEOROLOGY</b>													
1	Anemometer	WM28392	RM Young	5106	MET	RPSC	1 yr from Install	12-Sep-05	6-Nov-2006	IU	Port Side	1	
2	Anemometer	WM28393	RM Young	5106	MET	RPSC	1 yr from Install	12-Sep-05	16-Sep-2006	IU	Stbd Side	2	
3	Anemometer	WM28394	RM Young	5106	MET	RPSC	1 yr from Install	12-Sep-05	after install	Upper Baltic Room		3	
4	Anemometer	WM35061	RM Young	5106	MET	RPSC	1 yr from Install	16-Oct-2004	after install	Upper Baltic Room	Scrapped for parts, Vertical Stand & Azimuth Pot	4	
5	Anemometer	WM5708	RM Young	5106	MET	RPSC	1 yr from Install	12-Sep-05	after install	Upper Baltic Room		5	
6	Barometer	BP00873	RM Young	61201	MET	RM Young	Biennial	19-Oct-2005	19-Oct-2007	Upper Baltic Room		6	
7	Barometer	BP01150	RM Young	61201	MET	RM Young	Biennial	8-Apr-2005	8-Apr-2007	IU		7	
8	Humidity/Wet Temp	06133	RM Young	41372LC	MET	RM Young	1 yr from Install	6-Apr-2005	after install	Upper Baltic Room		8	
9	Humidity/Wet Temp	06718	RM Young	41372LC	MET	RM Young	1 yr from Install	12-Jan-2006	after install	Upper Baltic Room		9	
10	Humidity/Wet Temp	06719	RM Young	41372LC	MET	RM Young	1 yr from Install	15-Apr-2004	6-Nov-2006	IU	Cal Period Starts with Installation	10	
11	Humidity/Wet Temp	06720	RM Young	41372LC	MET	RM Young	1 yr from Install	15-Apr-2004	after install	Upper Baltic Room	Cal Period Starts with Installation	11	
12	PAR for Mast	6393	Biosph. Inst.	QSR-240P	MET	Biosph. Inst.	Biennial	16-Jan-2006	16-Jan-2008	IU		12	
13	PAR for Mast	6394	Biosph. Inst.	QSR-240P	MET	Biosph. Inst.	Biennial	24-Aug-2004	24-Aug-2006	ERR		13	
14	PIR	32031F3	Eppley	PIR	MET	Eppley	Annual	7-Feb-2006	7-Feb-2007	IU		14	
15	PIR	28903F3	Eppley	PIR	MET	Eppley	Annual	21-Jun-2005	21-Jun-2006	ERR		15	
16	PSP	31701F3	Eppley	PSP	MET	Eppley	Annual	29-Nov-2005	29-Nov-2006	IU		16	
17	PSP	28933F3	Eppley	PSP	MET	Eppley	Annual	21-Jun-2005	21-Jun-2006	ERR		17	
18	GUV (Mast)	25110203113	Biosph. Inst.	GUV-2511	MET	Biosph. Inst.	Annual	5-Oct-2005	5-Oct-2006	ERR		18	
19	GUV (Mast)	25110805127	Biosph. Inst.	GUV-2511	MET	Biosph. Inst.	Annual	10-Oct-2005	10-Oct-2006	IU	Rec'd new prior to LMG05-14 (see other GUV above)	19	
20	PUV (Underwater)	25000203113	Biosph. Inst.	PUV-2500	MET	Biosph. Inst.	Annual	25-Aug-2004	25-Aug-2005	ERR		20	
<b>CTD and MOCNESS</b>													
1	DataSonics Altimeter	298	DataSonics	PSA-900D	CTD	NA	NA	NA	Not Calibrated	Dry Lab Lista		1	6000m
2	Bottom Contact Switch	none	Sea-Bird	n/a	CTD	NA	NA	NA	Not Calibrated	Dry Lab Lista		2	
3	Bottom Contact Switch	none	Sea-Bird	n/a	CTD	NA	NA	NA	Not Calibrated	Dry Lab Lista		3	
4	Carousel Water Sampler	3221747-0287	Sea-Bird	32 (24 bottle)	CTD	Sea-Bird	NA	NA	Not Calibrated	Dry Lab Lista		4	
5	Carousel Water Sampler	3211078-0062	Sea-Bird	32 (12 bottle)	CTD	Sea-Bird	NA	NA	Not Calibrated	Upper Baltic Room		5	
6	Conductivity #1	1200	Sea-Bird	4 - 02/O	CTD	Sea-Bird	Prel/Post-Cruise	19-Jan-2006	19-Jan-2007	IU	LMG0605 CTD Pri	6	6800m
7	Conductivity #2	1223	Sea-Bird	4 - 02/O	CTD	Sea-Bird	Prel/Post-Cruise	7-Feb-2006	7-Feb-2007	ERR		7	6800m
8	Conductivity #3	350	Sea-Bird	4 - 01/O	CTD	Sea-Bird	Prel/Post-Cruise	31-Mar-2005	31-Mar-2006	ERR		8	6800m
9	Conductivity #4	692	Sea-Bird	4 - 01/O	CTD	Sea-Bird	Prel/Post-Cruise	19-Jan-2006	19-Jan-2007	IU	LMG0605 CTD Sec	9	6800m
10	Conductivity #5	2047	Sea-Bird	4C	CTD	Sea-Bird	Prel/Post-Cruise	10-May-2005	10-May-2006	ERR		10	6800m
11	Conductivity #6	2048	Sea-Bird	4C	CTD	Sea-Bird	Prel/Post-Cruise	25-Aug-2005	25-Aug-2006	ERR		11	6800m
12	Conductivity #7	2065	Sea-Bird	4C	CTD	Sea-Bird	Prel/Post-Cruise	10-May-2005	10-May-2006	ERR		12	6800m
13	Conductivity #8	2247	Sea-Bird	4C	CTD	Sea-Bird	Prel/Post-Cruise	10-Aug-2005	10-Aug-2006	ERR		13	6800m
14	Conductivity #9	2293	Sea-Bird	4M 6800m	CTD	Sea-Bird	Prel/Post-Cruise	19-Jan-2006	19-Jan-2007	Dry Lab Lista		14	6800m
15	CTD Deck Unit	11P8908-0288	Sea-Bird	11+	CTD	Sea-Bird	NA	NA	Not Calibrated	Upper Baltic Room	Upper Baltic Rack	15	
16	CTD Deck unit	111411	Sea-Bird	11+	CTD	Sea-Bird	NA	NA	Not Calibrated	Elab	Elab Rack6	16	
17	CTD Fish	09P8908-0312	Sea-Bird	9+	CTD	NA	biennial	28-Feb-2006	28-Feb-2008	Baltic Room		17	6800m
18	CTD Pressure Sensor	53580	Digiquartz	410K-105	CTD	Sea-Bird	biennial	28-Feb-2006	28-Feb-2008	Baltic Room		18	6800m
19	CTD Fish	91480	Sea-Bird	9+	CTD	NA	biennial	14-Nov-2005	14-Nov-2007	Upper Baltic Room	ERR for upgrade to 6800 m pressure housing	19	3400m
20	CTD Pressure Sensor	53952	Digiquartz	410K-105	CTD	Sea-Bird	Biennial	14-Nov-2005	14-Nov-2007	In Fish 91480		20	6800m
21	CTD Fish	94857-0232					Biennial	14-Nov-2005	14-Nov-2007	IU	LMG0603 CTD	21	6800m
22	CTD Pressure Sensor	43528					Biennial	14-Nov-2005	14-Nov-2007	In Fish 0232		22	6800m
23	CTD Pressure Sensor	83548	Digiquartz	410K-105	CTD	Sea-Bird	NA	unknown	Not Calibrated	Dry Lab Lista		23	6800m
24	CTD Pump	62 1.3K	Sea-Bird	5 - 01	CTD	RPSC	Annual	16-Dec-2003	Not Calibrated	Dry Lab Lista		24	3000m
25	CTD Pump	50823	Sea-Bird	5T	CTD	RPSC	Annual	23-Dec-2005	23-Dec-2006	IU	LMG0605 CTD Pric	25	10500m
26	CTD Pump	50995	Sea-Bird	5T	CTD	RPSC	Annual	23-Dec-2005	23-Dec-2006	IU	LMG0605 CTD Sec	26	10500m
27	CTD Pump	50817	Sea-Bird	5T	CTD	RPSC	Annual	14-Dec-2005	14-Dec-2006	Transferred to NBP for NBP06-03	NBP06-03	27	10500m
28	CTD Pump	052372 3K	Sea-Bird	5T	CTD	RPSC	Annual	14-Dec-2005	14-Dec-2006	Dry Lab Lista		28	10500m

COL #	SENSOR NAME	SERIAL	MNFR	MODEL	SYSTEM	CAL. VENDOR	CAL PERIOD	LAST CAL	CAL DUE	LOCATION	COMMENTS	COL #	MAX DEPTH
29	Dissolved Oxygen	430179	Sea-Bird	43	CTD	Sea-Bird	Pre/Post-Cruise	14-Jan-2006	14-Jan-2007	IU	LMG0605 CTD Pri	29	7000m
30	Dissolved Oxygen	430181	Sea-Bird	43	CTD	Sea-Bird	Pre/Post-Cruise	22-Feb-2006	22-Feb-2007	IU	LMG0605 CTD Sec	30	7000m
31	Dissolved Oxygen	430182	Sea-Bird	43	CTD	Sea-Bird	Pre/Post-Cruise	19-Aug-2005	19-Aug-2006	ERR		31	7000m
32	Dissolved Oxygen	430190	Sea-Bird	43	CTD	Sea-Bird	Pre/Post-Cruise	19-Aug-2005	19-Aug-2006	ERR		32	7000m
33	Dissolved Oxygen	430196	Sea-Bird	43	CTD	Sea-Bird	Pre/Post-Cruise	15-Apr-2005	15-Apr-2006	ERR		33	7000m
34	Dissolved Oxygen	430200	Sea-Bird	43	CTD	Sea-Bird	Pre/Post-Cruise	22-May-2005	22-May-2006	ERR		34	7000m
35	Dissolved Oxygen	430201	Sea-Bird	43	CTD	Sea-Bird	Pre/Post-Cruise	12-Apr-2005	12-Apr-2006	ERR		35	7000m
36	Dissolved Oxygen	430202	Sea-Bird	43	CTD	Sea-Bird	Pre/Post-Cruise	24-May-2005	24-May-2006	ERR		36	7000m
37	Fluorometer	88093	Chelsea	Aquatracka MkIII	CTD	Chelsea	Annual	1-Sep-2005	1-Sep-2006	Upper Baltic Room	Arrived back from Polar Star 02/08/05	37	5000m
38	Fluorometer	88211	Chelsea	Aquatracka MkIII	CTD	Chelsea	Annual	10-Aug-2005	10-Aug-2006	IU	LMG0605 CTD	38	6000m
39	Fluorometer	088/699/015	Chelsea	Aquatracka MkIII	CTD	Chelsea	Annual	8-Feb-2006	8-Feb-2007	Upper Baltic Room		39	
40	Fluorometer	AFLT-001	WET Labs	ECO-FL	MOCNESS	WET Labs	Annual	24-Mar-2005	24-Mar-2006	ERR		40	
41	Fluorometer	FLRTD-380	WET Labs	ECO-FL	CTD / Moc	WET Labs	Annual	29-Jul-2005	29-Jul-2006	Dry Lab Lista		41	6000m
42	Fluorometer	FLRTD-398	WET Labs	ECO-FL	CTD / Moc	WET Labs	Annual	20-Sep-2005	20-Sep-2006	Dry Lab Lista		42	6000m
43	Fluorometer	FLRTD-399	WET Labs	ECO-FL	CTD / Moc	WET Labs	Annual	20-Sep-2005	20-Sep-2006	Dry Lab Lista		43	6000m
44	Pinger, 12khz	5520	OIS	Model 6000	CTD		NA		Not Calibrated	Upper Baltic Room		44	6000m
45	Pinger, 12khz	5515	OIS	?	CTD		NA		Not Calibrated	Upper Baltic Room		45	6000m
46	Pinger, 12khz	5516	OIS	?	CTD		NA		Not Calibrated	Upper Baltic Room		46	6000m
47	PAR for CTD (ball)	4403	Biosph. Inst.	QSP-200L4S	CTD	Biosph. Inst.	Pre/Post-Cruise	2-Aug-2005	2-Aug-2006	Upper Baltic Room		47	1000m
48	PAR for CTD (ball)	4470	Biosph. Inst.	QSP-200L4S	CTD	Biosph. Inst.	Pre/Post-Cruise	23-Mar-2005	23-Mar-2006	ERR		48	1000m
49	PAR for CTD (ball)	4561	Biosph. Inst.	QSP-200L4S	CTD	Biosph. Inst.	Pre/Post-Cruise	23-Mar-2005	23-Mar-2006	ERR		49	1000m
50	PAR for CTD (ball)	4714	Biosph. Inst.	QSP-2300	CTD	Biosph. Inst.	Pre/Post-Cruise	10-Aug-2005	10-Aug-2006	Dry Lab Lista		50	1000m
51	PAR for CTD (ball)	4722	Biosph. Inst.	QSP-2300	CTD	Biosph. Inst.	Pre/Post-Cruise	16-Sep-2005	16-Sep-2006	ERR		51	
52	TDR (time-depth-recorder)	825	Benthos	1170 - E - 2500	Net Tows	Benthos	NA	10-Aug-1998	Not Calibrated	Dry Lab Lista		52	
53	TDR (time-depth-recorder)	812	Benthos	1170 - E - 500	Net Tows	Benthos	NA	18-Sep-1998	Not Calibrated	Dry Lab Lista		53	
54	Temperature	1529	Sea-Bird	3 - 02/F	CTD	Sea-Bird	Pre/Post-Cruise	7-May-2005	7-May-2006	ERR		54	6800m
55	Temperature	1542	Sea-Bird	3 - 02/F	CTD	Sea-Bird	Pre/Post-Cruise	6-Aug-2005	6-Aug-2006	IU	LMG0604 CTD Pri	55	6800m
56	Temperature	2426	Sea-Bird	3Plus	CTD	Sea-Bird	Pre/Post-Cruise	23-Jan-2006	23-Jan-2007	ERR		56	6800m+
57	Temperature	2444	Sea-Bird	3Plus	CTD	Sea-Bird	Pre/Post-Cruise	22-Feb-2006	22-Feb-2007	IU	LMG0604 CTD Sec	57	6800m+
58	Temperature	2470	Sea-Bird	3Plus	CTD	Sea-Bird	Pre/Post-Cruise	7-May-2005	7-May-2006	ERR		58	6800m+
59	Temperature	717	Sea-Bird	3 - 01/F	CTD	Sea-Bird	Pre/Post-Cruise	19-Jul-2005	19-Jul-2006	ERR		59	3400m
60	Temperature	2205	Sea-Bird	3Plus	CTD	Sea-Bird	Pre/Post-Cruise	26-Mar-2005	26-Mar-2006	ERR		60	6800m+
61	Temperature	2637	Sea-Bird	3Plus	CTD	Sea-Bird	Pre/Post-Cruise	18-Mar-2005	18-Mar-2006	ERR		61	6800m+
62	Temperature	2658	Sea-Bird	3Plus	CTD	Sea-Bird	Pre/Post-Cruise	18-Mar-2005	18-Mar-2006	ERR		62	6800m+
63	Temperature	4573	Sea-Bird	3Plus	CTD	Sea-Bird	Pre/Post-Cruise	29-Mar-2006	29-Mar-2007	Dry Lab Lista		63	6800m+
64	Transmissometer	CST-248DR	WET Labs	C-Star 25 cm deep	CTD	WET Labs	Annual	30-Mar-2006	30-Mar-2007	Upper Baltic Room		64	6000m
65	Transmissometer	CST-406DR	WET Labs	C-Star 25 cm deep	CTD	WET Labs	Annual	3-Nov-2005	3-Nov-2006	IU	LMG0604 CTD	65	6000m
66	Transmissometer	CST-407DR	WET Labs	C-Star 25 cm deep	CTD	WET Labs	Annual	8-Aug-2005	8-Aug-2006	Upper Baltic Room		66	6000m
67	Transmissometer	CST-891DR	WET Labs	C-Star 25 cm deep	CTD	WET Labs	Annual	24-Aug-2005	24-Aug-2006	IU	Underway System	67	6000m
68	Transmissometer	CST-553DR	WET Labs	C-Star 25 cm deep	CTD	WET Labs	Annual	26-Jan-2006	26-Jan-2007	Upper Baltic Room		68	6000m
69	Transmissometer	CST-830DR	WET Labs	C-Star 25 cm deep	CTD/Underway	WET Labs	Annual	27-Jan-2006	27-Jan-2007	Upper Baltic Room		69	6000m
<b>UNDERWAY SEA WATER SAMPLING SYSTEM</b>													
1	Fluorometer	6046 RTD	Turner	10AU-005-CE	Underway	MST and ET	relative		after install	MST Stores		1	
2	Fluorometer	6592 RTX	Turner	10AU-005-CE	Underway	MST and ET	relative		after install	IU		2	
4	TSG	219209-1577	Sea-Bird	21	TSG	Sea-Bird	ennial/1 yr from Ins	18-Mar-2005	18-Mar-2007	ERR	Failed LMG0603	4	
5	TSG	2110410-1789	Sea-Bird	21	TSG	Sea-Bird	ennial/1 yr from Ins	25-Jan-2006	25-Jan-2008	Upper Baltic Room		5	
6	TSG	3208	Sea-Bird	21	TSG	Sea-Bird	ennial/1 yr from Ins	30-Jun-2005	2-Apr-2007	IU		6	
7	Remote Temp # 1	31619	Sea-Bird	3-01/S	TSG	Sea-Bird	Biennial	23-Jan-2006	23-Jan-2008	Dry Lab Lista		7	
8	Remote Temp # 2	31620	Sea-Bird	3-01/S	TSG	Sea-Bird	Biennial	14-Jun-2005	14-Jun-2007	ERR		8	
9	Remote Temp # 3	32526	Sea-Bird	3S	TSG	Sea-Bird	Biennial	21-Jan-2006	21-Jan-2008	Dry Lab Lista		9	3400m
10	Remote Temp # 4	32686	Sea-Bird	3S	TSG	Sea-Bird	Biennial	14-Jun-2005	14-Jun-2007	IU		10	6800m
<b>MISCELLANEOUS</b>													
1	Crane Load Cell Battery	none	The Load&A-2-B Co.	737/777	Main Crane	none	biennial	15-Jun-2005	15-Jun-2007	Main Crane		1	
2	TSG Housing (spare)	from 3208	Sea-Bird	21	TSG	Sea-Bird	NA		Not Calibrated	Warehouse	includes housing, interface box, and hardware	2	
3	Net Depth Sensor		Omega	PX605-3KGI	Termination	ET	Pre/Post Cruise		after install	Upper Baltic Room	Exhibits temperature drift	3	
4	Net Depth Sensor	41200937	Omega	PX605-3KGI	Termination	ET	Pre/Post Cruise	21-Jan-2005	after install	Upper Baltic Room	Exhibits temperature drift	4	
5	Net Depth Readout		Omega	DP-41-E-S2	Termination	ET	Pre/Post Cruise		after install	Upper Baltic Room		5	