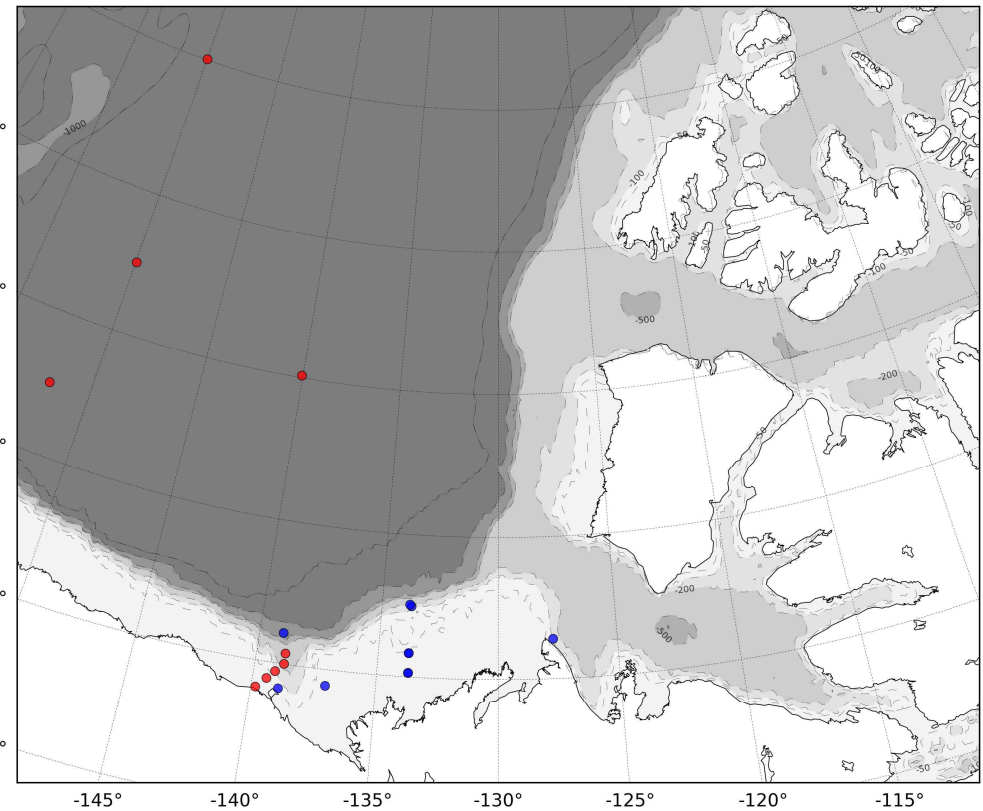
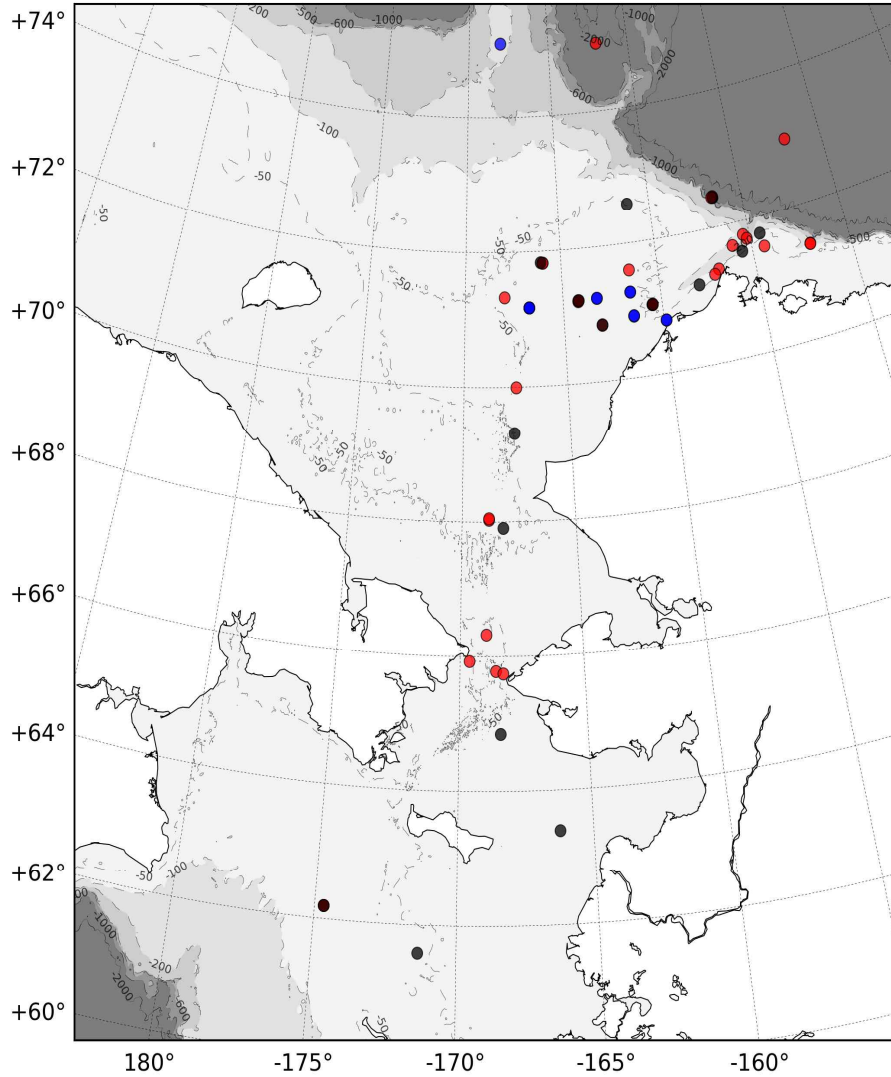


Arctic Moorings – start season 2016

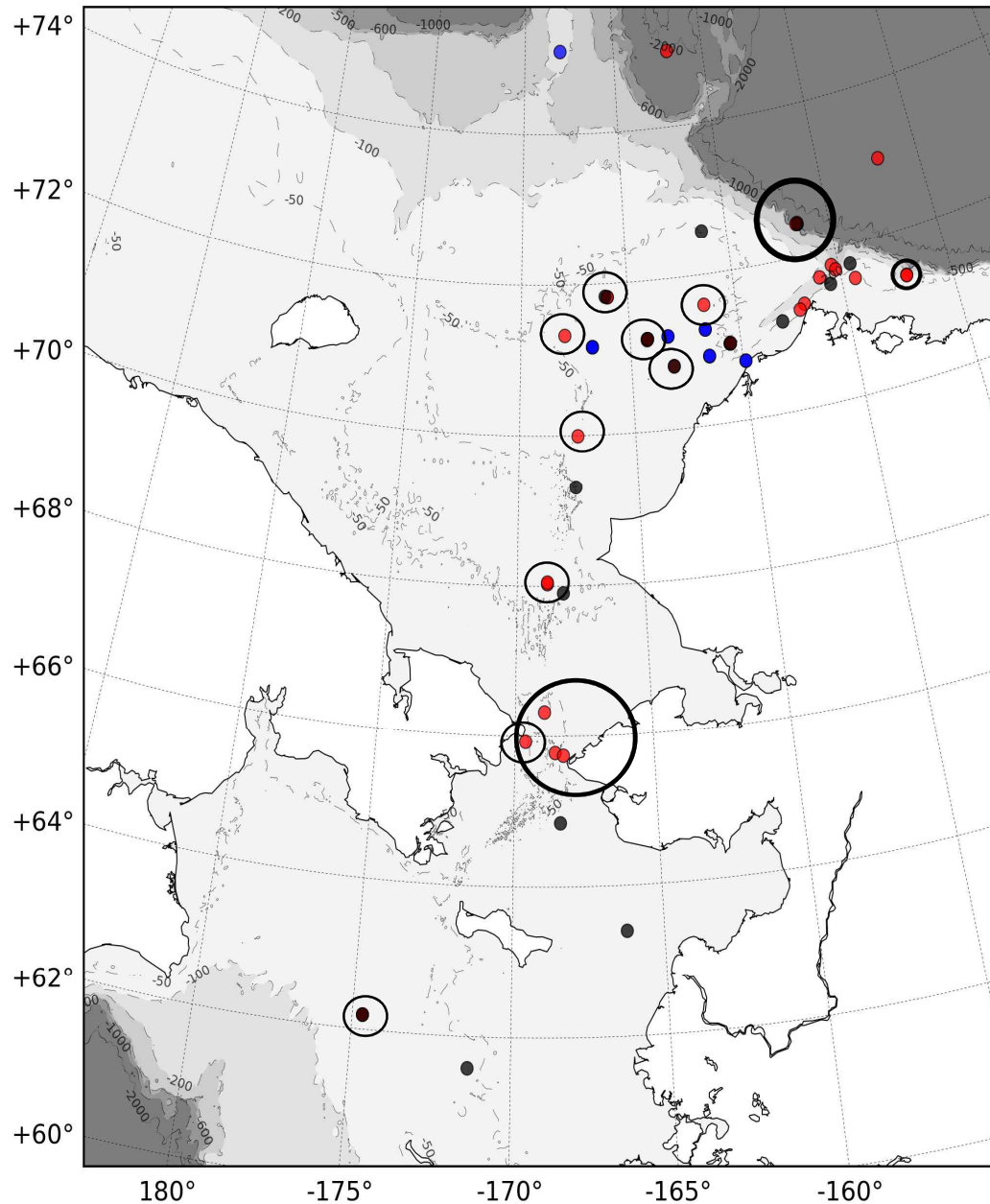
Number of moorings: ~80

- Different dot color=various projects
- Further details and excel sheet via PAG website



[courtesy Phyllis Stabeno/NOAA]

Arctic Moorings



M8 - T, S, U, pCO₂, Fl

Stabeno

BSW - T, S, U, Accoustic

RUSALCA

A1, A2, A3 - T, S, U, Fl

Woodgate

SCH-14-

JAMSTEC

Chukchi Eco. Mooring-

Danielson

C1 – C4, C9 – C11– T, S, U, Fl,
N, ice draft, O₂, PAR)

Stabeno (BOEM/NOAA)

Mooring-

Pickart

Arctic Moorings

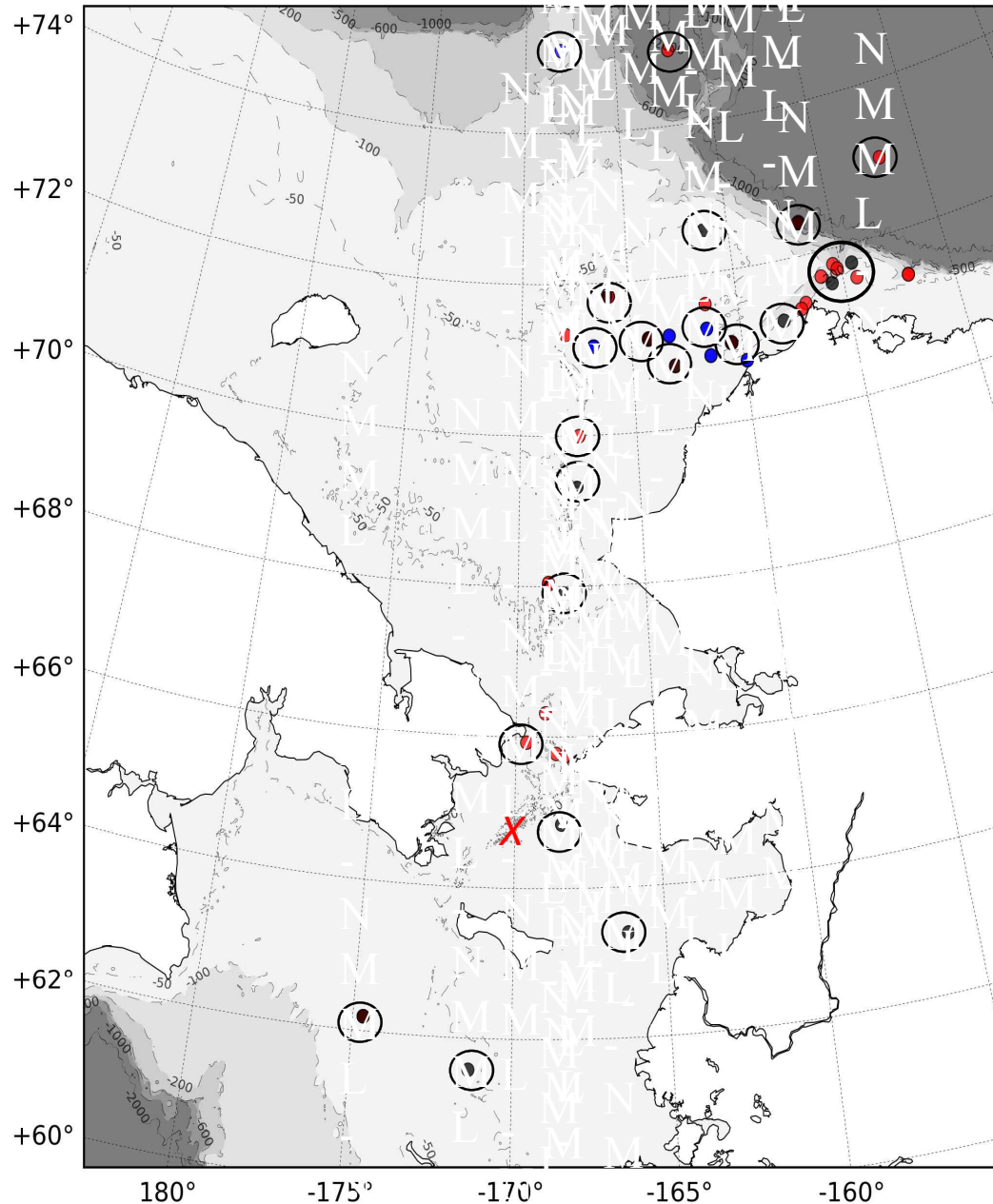
BCW, BCC, BCE, NBC, NAP-
JAMSTEC

Acoustic sensors –
NMML/Berchok

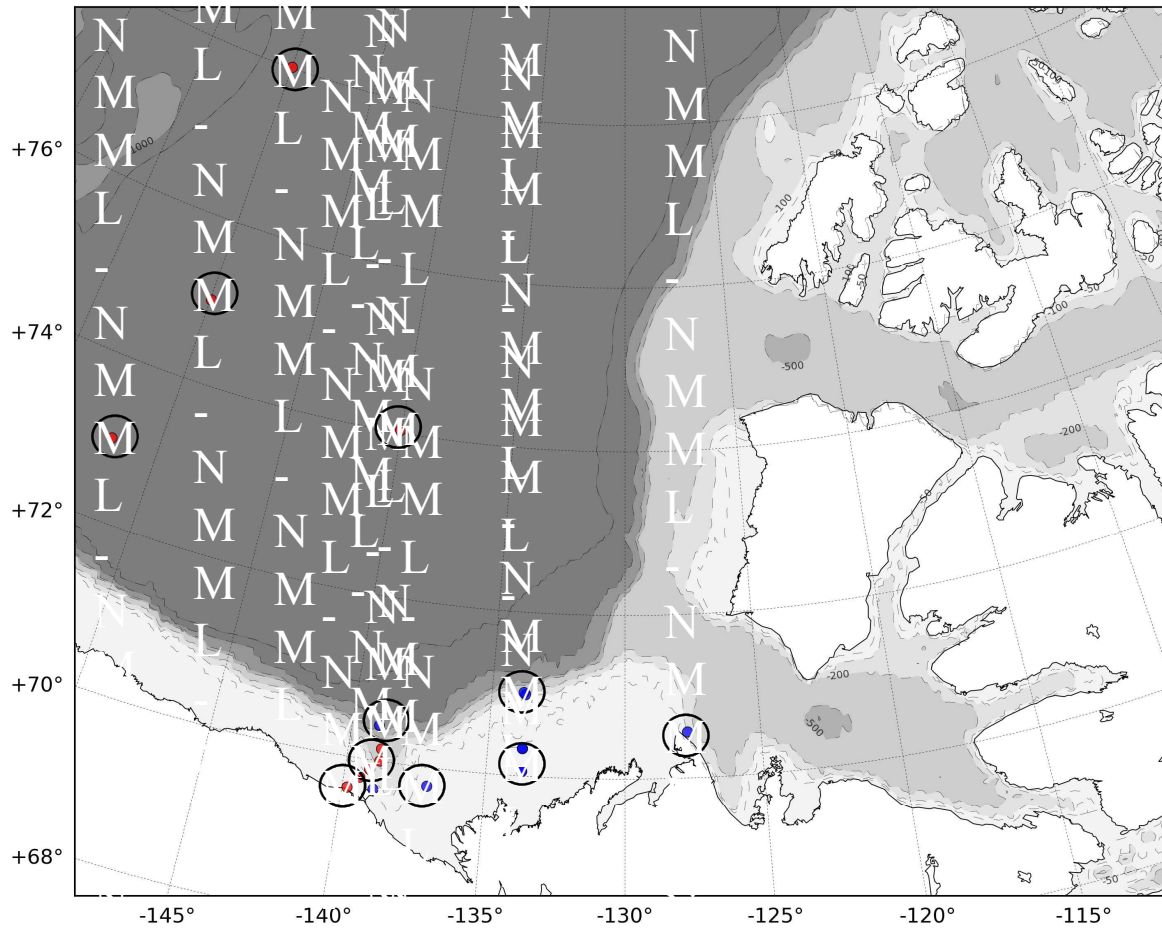
Acoustic sensors –
Stafford

Moorings - *Melling*

*X Additional DBO2 mooring-
Japan by end of 2016 season*



Arctic Mooring



Mooring (+ 105.88°W, 69°N)-
Melling

NBC-
JAMSTEC

MARES –
Pickart, Fissel, Kasper

BGEP-A,B,C ?

Figure 13. Location of oceanographic mooring clusters deployed in the Chukchi Sea in 2016. (NOAA, Phyllis Stabeno summary).

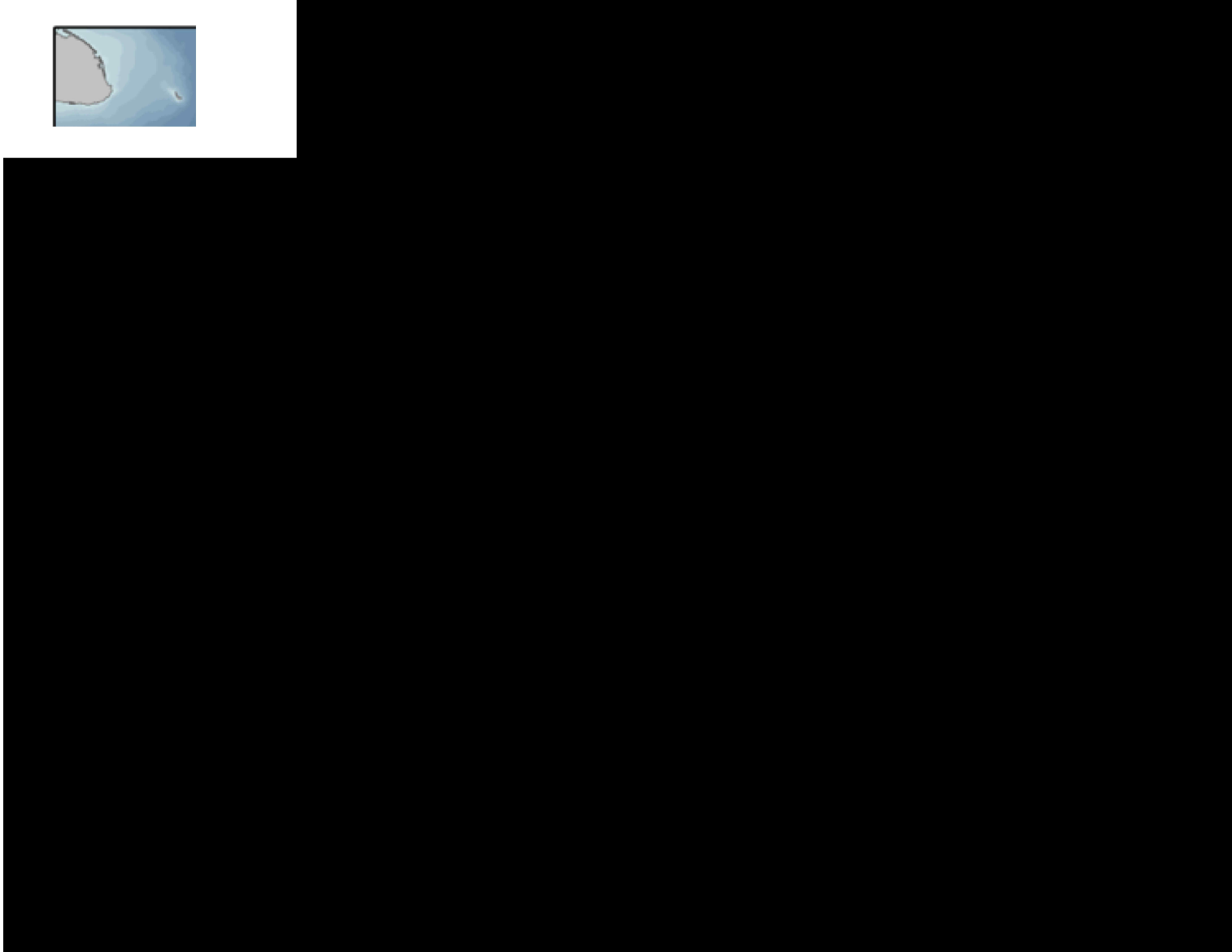


Figure 3. Location of passive acoustic moorings retrieved and deployed in the Chukchi Sea in 2016



Table 2. Date and location of passive acoustic mooring deployments.

Mooring cluster refers to the oceanographic site name where the AURAL is

- Co-located.
- Point of Contact
- Mooring Name
- Mooring Cluster
- Latitude (°N)
- Longitude (°W)
- Depth (m)
- Instrument
- Deployment Date

Moorings deployed in 2015 or planned for deployment in to 2016

Moorings Name	Latitude (°)	Latitude (min)	Longitude (°W)	Latitude (min)	Longitude (°W)	Water Depth (m)	Height (m)	POC	Date Deployed	Expected Recovery	DBO Regions?	Will it be redeployed	Equipment	Comment	
15CKIP-1A	70	50.112	163	6.900	70.8353	163.1150	43	-10	Stabeno	Sept. 2015	Sept. 2016	yes	Ice profiler, RCM, O2, Turb		
15CKIP-1A	70	49.841	163	7.140	70.8397	163.1190	43	-10	Stabeno	Sept. 2015	Sept. 2016	yes	ADCP, ISUS, SC/PAR, FL		
15CKIP-2A	71	13.200	164	14.400	71.2200	164.2400	43	-10	Stabeno	Sept. 2015	Sept. 2016	yes	Ice profiler, RCM, O2, Turb		
15CKIP-2	71	13.752	164	14.760	71.2292	164.2460	43	-10	Stabeno	Sept. 2015	Sept. 2016	yes	ADCP, ISUS, SC/PAR, FL		
16CKT-2A	71	13.778	164	12.780	71.2296	164.2130	43	-10	Napp	Sept. 2016	Sept. 2017	maybe	TAPS8, SeaCat		
16CKP-3	71	49.500	165	57.900	71.8250	165.9650	45	-11	Stabeno	Sept. 2016	Sept. 2017		ADCP, ISUS, SC/PAR, FL		
16CKIP-3	71	49.500	165	58.500	71.8250	165.9750	45	-12	Stabeno	Sept. 2016	Sept. 2017		ADCP, ISUS, SC/PAR, FL		
15CKIP-4	71	2.440	160	31.020	71.0407	160.5170	55	-10	Stabeno	Sept. 2015	Sept. 2016	4	yes	Ice profiler, RCM, O2, Turb	
15CKP-4	71	2.609	160	30.300	71.0435	160.5050	55	-10	Stabeno	Sept. 2015	Sept. 2016	4	yes	ADCP, ISUS, SC/PAR, FL	
16CKT-4	71	2.414	160	29.700	71.0402	160.4950	55	-10	Napp	Sept. 2016	Sept. 2017	4	maybe	TAPS8, SeaCat	
16CKP-10	-70	0.000	167.000	30.000	70.000	167.500	50	-10	Stabeno	Sept. 2016	Sept. 2017		ADCP, ISUS, SC/PAR, FL	Central Channel	
16CKP-11	-71	20.000	168.000	0.000	71.333	168.000	50	-10	Stabeno	Sept. 2016	Sept. 2017		ADCP, ISUS, SC/PAR, FL	Central Channel	
15CKP-9	72	27.473	156	33.900	72.4579	156.5650	1000	600	Stabeno	Sept. 2015	Sept. 2016	maybe	RCMs, Temp, ADCP		
15BS-8	62	11.706	174	40.998	62.1951	174.6833	74	50	Stabeno	Sept. 2015	Sept. 2016	1	yes	T.S. FL passive acoustics	
15BSP-8	62	11.388	174	41.334	62.1898	174.6889	74	20	Stabeno	Sept. 2015	Sept. 2016	1	yes	ADCP, AURAL	
W Bering Strait	65	55.994	169	36.990	65.9332	169.6165	51	15	Stabeno	Jul-14	Sept. 2016	yes	RCM, SeaCat, passive acc.		
NSR-01	72	26.973	156	36.110	72.4496	156.6018	859	-10	Klinck	10/1/15	Sept. 2017		Passive acoustics		
AON/BS3	71	23.659	152	3.046	71.3943	152.0508	147	35	Pickart	2014	2016	6		MicroCat, ADCP	
AON/BS3	71	23.600	152	3.000	71.3933	152.0500	147	35	Pickart	2016	2018	6		MicroCat, ADCP, fluorometer, ISUS, ULS	
MARES 1	69	46.500	139	26.400	69.7750	139.4400	50	52	Pickart	2016	2017	7		MicroCat, ADCP, fluorometer, ISUS, ULS	
MARES 2	69	53.050	139	7.760	69.8842	139.1293	180	35	Pickart	2016	2017	7		MicroCat, ADCP, fluorometer, ISUS, ULS	
MARES 3	70	0.150	138	49.150	70.0025	138.8192	250	50	Fissel	2016	2017	7		MicroCat, ADCP, fluorometer, ISUS, ULS, AZFP	
MARES 4	70	9.210	138	48.870	70.1535	138.8145	350	50	Fissel	2016	2017	7		MicroCat, ADCP, fluorometer, ISUS, ULS	
MARES shelf	69	37.640	139	49.200	69.6274	139.8201	13	13	Kasper	2016	2017	7		MicroCat, ADCP	
ACW15-30	68	59.1733	105	53.0304	68.9862	105.8838	74	70	Melling	September 24, 2015	2016	?	WH300, SBE37	Dease Strait	
CB15	70	33.7750	127	41.7140	70.5629	127.6952	37	34	Melling	September 25, 2015	2016	?	WH600, SBE37	Franklin Bay	
iBO15-1a	70	20.048	133	44.4586	70.3339	133.7410	55	52	Melling	September 27, 2015	2016	?	ADCP, SBE37	Mackenzie shelf	
iBO15-1b	70	20.0294	133	44.3711	70.3338	133.7395	55	52	Melling	September 27, 2015	2016	?	IPS	Mackenzie shelf	
iBO15-2	70	59.3608	133	44.6272	70.9893	133.7438	110	43	Melling	September 26, 2015	2016	?	IPS, ADCP, SBE37	Mackenzie shelf	
SIC15-20	71	00.9993	133	48.5058	71.0167	133.8084	204	75	Melling	September 27, 2015	2016	?	IRIS	Beaufort slope	
iBO15-9a	70	03.5370	133	42.9223	70.0590	133.7154	35	32	Melling	September 27, 2015	2016	?	ADCP	Mackenzie shelf	
iBO15-9b	70	03.5007	133	42.9405	70.0583	133.7157	35	32	Melling	September 27, 2015	2016	?	IPS, SBE37	Mackenzie shelf	
SIC15-11	69	46.4817	137	02.7727	69.7747	137.0462	35	32	Melling	September 28, 2015	2016	?	IPS, SBE37	Mackenzie shelf	
H115	69	39.2885	138	55.2697	69.6548	138.9212	41	38	Melling	September 29, 2015	2016	?	WH600, SBE37	Yukon shelf	
iBO15-BR1	70	25.9435	139	01.2347	70.4324	139.0206	753	66	Melling	September 30, 2015	2016	?	IPS, QM, LR, XR420, Sedrap	Beaufort slope	
AIM15-1	75	05.2953	168	01.3260	75.0883	168.0221	162	42	Melling	October 3, 2015	2016	?	IPS, ADCP, AURAL, 2s SBE37	Chukchi plateau	
ASL15-S5a	70	54.9990	161	29.9777	70.9167	161.4996	43	38	Melling	October 4, 2015	2016	?	ADCP	Chukchi Sea	
ASL15-S5b	70	55.0721	161	29.8728	70.9179	161.4979	43	38	Melling	October 4, 2015	2016	?	IPS	Chukchi Sea	
ASL14-S7b	70	47.0310	159	54.0060	70.7839	159.9001	26	25	Melling	October 15, 2014	2016	?	IPS	Chukchi Sea	
ASL14-S7p	70	47.0090	159	54.1380	70.7835	159.9023	26	25	Melling	October 15, 2014	2016	?	Pop-up	Chukchi Sea	
ASL15-S8a	71	16.4678	161	33.7729	71.2745	161.5629	49	44	Melling	October 5, 2015	2016	?	ADCP	Chukchi Sea	
ASL15-S8b	71	16.6029	161	33.6447	71.2767	161.5607	49	44	Melling	October 5, 2015	2016	?	IPS	Chukchi Sea	
ASL15-BUa	71	14.4219	163	16.6208	71.2404	163.2770	45	40	Melling	October 5, 2015	2016	?	ADCP	Chukchi Sea	
ASL15-BUb	71	14.3657	163	16.8157	71.2394	163.2803	45	40	Melling	October 5, 2015	2016	?	IPS	Chukchi Sea	
ASL14-Ca	71	10.1890	166	44.9120	71.1698	166.7485	47	40	Melling	July 31, 2014	2016	?	WH	Chukchi Sea	
ASL14-Cb	71	10.2190	166	45.0000	71.1703	166.7500	47	40	Melling	July 31, 2014	2016	?	IPS	Chukchi Sea	
ASL15-Ca	71	10.1419	166	44.8997	71.1690	166.7483	46	41	Melling	October 6, 2015	2016	?	ADCP	Chukchi Sea	
ASL15-Cb	71	10.1630	166	45.1070	71.1694	166.7518	44	39	Melling	October 6, 2015	2016	?	IPS	Chukchi Sea	
A3-15	66	19.600	168	57.040	66.3267	168.9507	58	-15	woodgate	July 2015	July 2016	yes	iscat, ADCP with ice track, SBE, Aural	N Bering Strait	
A2-15	65	46.860	168	34.080	65.7810	168.5680	56	-15	woodgate	July 2015	July 2016	yes	iscat, ADCP with icetrack, SBE, Aural	E channel Bering Strait	
A4-15	65	44.760	168	15.770	65.7460	168.2628	49	-15	woodgate	July 2015	July 2016	yes	iscat, ADCP, icetrack, SBE, Aural, Sami pCO2 & pH	ACC in Bering Strait	
Chukchi-Eco	71	36.000	161	30.000	71.6000	161.5000			Danielson	2015	2016	4	yes	ADCP, LISST, SeaCat, FL, RCM9	
SCH-14	68	2.002	168	50.028	68.0334	168.8338	60		Kikuchi	2014	2015			Miral	
BCH-15	71	47.742	155	20.750	71.7957	155.3458	170		Kikuchi	2015	2016	5		Miral	
BCC-15	71	43.585	155	11.108	71.7264	155.1851	283		Kikuchi	2015	2016	5		Miral	
BCB-15	71	40.353	155	59.742	71.6726	155.9957	106		Kikuchi	2015	2016	5		Miral	
NBC-15i	73	0.000	152	0.000	73.0000	152.0000	3722		Kikuchi	2015	2016		sediment trap	Miral	
NAP-15i	75	0.000	162	0.000	75.0000	162.0000	1975		Kikuchi	2015	2016		sediment trap	Miral	
AL15_AU_BF1	71	33.138	155	31.983	71.55230	155.53305	69	-10	Berchok	Sept. 2016	Sept. 2017		AURAL	-	
AL15_AU_BF2	71	44.986	154	27.741	71.74977	154.46235	79	-10	Berchok	Sept. 2016	Sept. 2017		AURAL	-	
AL15_AU_BS1	61	35.155	171	19.972	61.58592	171.33287	52	-10	Berchok	Sept. 2016	Sept. 2017		AURAL	-	
AL15_AU_BS2	59	14.567	169	24.751	59.24278	169.41252	53	-10	Berchok	Sept. 2016	Sept. 2017		AURAL	-	
AL15_AU_BS3	57	40.502	164	43.096	57.67503	164.71827	53	-10	Berchok	Sept. 2016	Sept. 2017		AURAL	-	
AL15_AU_BS4	54	25.730	165	16.276	54.42883	165.27127	166	-10	Berchok	Sept. 2016	Sept. 2017		AURAL	-	
AL15_AU_BS6	53	37.908	167	23.572	53.63180	167.39287	91	-10	Berchok	Sept. 2016	Sept. 2017		AURAL	-	
AL15_AU_CL1	69	19.042	167	37.372	69.31737	167.62287	49	-10	Berchok	Sept. 2016	Sept. 2017		AURAL	-	
AL15_AU_HS2	72	34.803	161	13.075	72.58005	161.21792	54	-10	Berchok	Sept. 2016	Sept. 2017		AURAL	C8	
AL15_AU_IC1	70	50.132	163	6.552	70.83553	163.10920	42	-10	Berchok	Sept. 2016	Sept. 2017		AURAL	C1	
AL15_AU_IC2	71	13.762	164	13.573	71.22937	164.22622	41	-10	Berchok	Sept. 2016	Sept. 2017		AURAL	C2	
AL15_AU_IC3	71	49.769	166	4.624	71.82948	166.07707	43	-10	Berchok	Sept. 2016	Sept. 2017		AURAL	C3	
AL15_AU_NM1	64	50.856	168	23.386	64.84760	168.38977	44	-10	Berchok	Sept. 2016	Sept. 2017		AURAL	-	
AL15_AU_NSI	63	23.945	166	14.173	63.39908	166.23622	22	-10	Berchok	Sept. 2016	Sept. 2017		AURAL	-	
AL15_AU_PBI	71	12.377	158	0.926	71.20628	158.01543	46	-10	Berchok	Sept. 2016	Sept. 2017		AURAL	C5	
AL15_AU_PH1	67	54.621	168	11.898	67.91035	168.19830	57	-10	Berchok	Sept. 2016	Sept. 2017	3		AURAL	-
AL15_AU_WT1	71	2.818	160	30.155	71.04697	160.50258	49	-10	Berchok	Sept. 2016	Sept. 2017	4		AURAL	C4
BS15_AU_08a	62	11.667	174	41.049	62.19445	174.68415	72	-10	Berchok	Sept. 2016	Sept. 2017	1		AURAL	M8
ST15_HA_NRS01	72	26.582	156	33.101	72.44303	156.55168	1000	-10	Berchok	Sept. 2016	Sept. 2017		Haruphone	C9	
BGEP-A	75	0.137	149	57.322	75.0023	149.9554	3830			10/11/14	2015		ADCP, MMP, BPR		
BGEP-B	78	0.618	149	59.820	78.0103	149.9970	3830			10/9/14	2015		ADCP, MMP, BPR		
BGEP-C	74	1.853	140	3.741	74.0309	140.0624	3530			9/27/14	2015		ADCP, MMP, BPR		
SCH-14w	68	3.006	168	50.003	68.0501	168.8334	60		Kikuchi	2014	2015			probably not in water	
BCH-14	71	18.920	157	8.802	71.5153	157.1467	62		Kikuchi	2015	2016	5		probably not in water	