

Mooring Assets in the Pacific Arctic															
Last Updated	Institution	Pi/point of contact	Email	Mooring/Program Name	Intended Deployment	Lat deg (N)	Lat min (N)	Lon deg (W)	Lon min (W)	Lat dec (N)	Lon dec (W)	Bottom Depth (m)	Top float depth (m)	Variables measured on the mooring	Comments
10/18/22	WHOI	Bob Pickart	rpickart@whoi.edu	ADWBS3	2022-2024	71	23.667	152	3.080	71.394	-152.051	147.0	35.0	temperature, salinity, pressure, water velocity, ice velocity, nitrate, fluorescence, acoustic backscatter, ice draft, marine mammal calls	
4/18/23	WHOI	Isabela LeBras; Mary-Louise Timmermans	lebras@whoi.edu; mary-louise.timmermans@yale.edu	BGOS-A	2022-2023	74	59.397	149	57.618	74.990	-149.960	3823.0	30.0	ULS, ADCP, SAMI-CO2, SAMI-pH, AWACs, 2 x MMP provide CTD + current velocity profiles from 50 to 2500m.	
4/18/23	WHOI	Isabela LeBras; Mary-Louise Timmermans	lebras@whoi.edu; mary-louise.timmermans@yale.edu	BGOS-B	2022-2023	78	1.101	150	2.559	78.018	-150.043	3828.0	30.0	ULS, ADCP, SAMI-CO2, SAMI-pH, 2 x MMP provide CTD + current velocity profiles from 50 to 2500m.	
4/18/23	WHOI	Isabela LeBras; Mary-Louise Timmermans	lebras@whoi.edu; mary-louise.timmermans@yale.edu	BGOS-D	2022-2023	74	0.017	140	2.840	74.000	-140.047	3527.0	30.0	ULS, ADCP, SAMI-CO2, SAMI-pH, AWACs, 2 x MMP provide CTD + current velocity profiles from 50 to 2500m.	
4/18/23	WHOI/UAJF	Steve Okkonen/Carin Ashjan	cashjan@whoi.edu	LUPE120	2017-7	71	12.338	148	48.018	71.206	-148.800	121.9	114.0		Mooring "lost", could not recover in 2018, 2019, 2020
7/24/23	University of Washington	Rebecca Woodgate	woodgate@uw.edu	A2-21	2021-2023	65	46.85	168	34.09	65.781	-168.568	57.0	15.0		Mooring "lost", could not recover in 2023
7/24/23	University of Washington	Rebecca Woodgate	woodgate@uw.edu	A3-23	2023-2024	66	19.6	168	56.94	66.327	-168.949	58.0	7.0	moorings carry steel floats; EG&G acoustic releases; acoustic current meters (RDI) sending at ca.300kHz; some whole acoustic recorders; some nutrient, oxygen and fluorescence optical sensors; and temperature and salinity sensors (Seabird), and upper level temperature and salinity sensors (UW-ISCATs)	Note: top float shallower than others
7/24/23	University of Washington	Rebecca Woodgate	woodgate@uw.edu	A2-23	2023-2024	65	46.86	168	34.06	65.781	-168.568	56.0	15.0	moorings carry steel floats; EG&G acoustic releases; acoustic current meters (RDI) sending at ca.300kHz; some whole acoustic recorders; some nutrient, oxygen and fluorescence optical sensors; and temperature and salinity sensors (Seabird), and upper level temperature and salinity sensors (UW-ISCATs)	
7/24/23	University of Washington	Rebecca Woodgate	woodgate@uw.edu	A4-23	2023-2024	65	44.76	168	15.76	65.746	-168.263	49.0	15.0	moorings carry steel floats; EG&G acoustic releases; acoustic current meters (RDI) sending at ca.300kHz; some whole acoustic recorders; some nutrient, oxygen and fluorescence optical sensors; and temperature and salinity sensors (Seabird), and upper level temperature and salinity sensors (UW-ISCATs)	
4/24/23	NOAA/AFSC	Catherine Berchok	Catherine.Berchok@noaa.gov	NM1	2022-present	64	51.300	168	26.8	64.855	-168.447	44	37.0	temperature, pressure, passive acoustics	
4/24/23	NOAA/AFSC	Catherine Berchok	Catherine.Berchok@noaa.gov	C-3/C3	2022-present	71	49.725	166	3.461	71.829	-166.058	45	38.0	temperature, pressure, passive acoustics	
4/24/23	NOAA/AFSC	Catherine Berchok	Catherine.Berchok@noaa.gov	ICP/C2	2021-present	71	12.992	164	14.911	71.215	-164.246	44	37.0	temperature, pressure, passive acoustics	Most likely won't be deployed after Oct. 2023
4/24/23	NOAA/AFSC	Catherine Berchok	Catherine.Berchok@noaa.gov	IC1/C1	2022-present	70	50.0995	163	7.505	70.835	-163.125	45	38.0	temperature, pressure, passive acoustics	
4/24/23	NOAA/AFSC	Catherine Berchok	Catherine.Berchok@noaa.gov	WT1/C4	2021-Oct 2023	71	2.47	160	30.33	71.041	-160.506	50	43.0	temperature, pressure, passive acoustics	
4/24/23	NOAA/AFSC	Catherine Berchok	Catherine.Berchok@noaa.gov	PB1/C5	2022-present	71	12.3474	158	0.6674	71.206	-158.011	48	41.0	temperature, pressure, passive acoustics	
4/24/23	NOAA/AFSC	Catherine Berchok	Catherine.Berchok@noaa.gov	BF2	2022-present	71	45.277	154	71.154		-154.475	104	41.0	temperature, pressure, passive acoustics	
4/24/23	NOAA/AFSC	Catherine Berchok	Catherine.Berchok@noaa.gov	CL1	Sept 2023-Sept 2024	69	18.880	167	36.650	69.315	-167.611	51	44.0	temperature, pressure, passive acoustics	Most likely won't be deployed
4/24/23	NOAA/PIEML	Phyllis Stabeno	phyllis.stabeno@noaa.gov	CKPC12	2022-present	67	54.62076	168	11.05614	67.910	-168.184	59	48.0	temperature, pressure, passive acoustics	
6/22/23	NOAA/PIEML	Phyllis Stabeno	phyllis.stabeno@noaa.gov	CKPC12	2020-Sept 2023	67	54.29	168	11.51	67.905	-168.192	60	35.0	temperature, pressure, passive acoustics	
6/22/23	NOAA/PIEML	Phyllis Stabeno	phyllis.stabeno@noaa.gov	CKPC3	2022-present	71	49.694	166	3.979	71.828	-166.096	45	35.0	temperature, pressure, passive acoustics	
6/22/23	NOAA/PIEML	Phyllis Stabeno	phyllis.stabeno@noaa.gov	CKPC2	2022-present	71	12.94	164	15.394	71.216	-164.257	44	35.0	temperature, pressure, passive acoustics	
6/22/23	NOAA/PIEML	Phyllis Stabeno	phyllis.stabeno@noaa.gov	CKPC1	2022-present	70	50.163	163	7.765	70.836	-163.129	44	35.0	temperature, pressure, passive acoustics	
6/22/23	NOAA/PIEML	Phyllis Stabeno	phyllis.stabeno@noaa.gov	CKPC5	2024-present	71	13.666	157	59.943	71.229	-157.999	49	49.0	temperature, pressure, passive acoustics	
5/5/22	UAF	Seth L. Danielson	sdanielson@alaska.edu	CEO1-22	2022-2023	71	38.042	161	32.451	71.601	-161.541	46	33.0	Underwater Sound, CTD (x2)	
5/5/22	UAF	Seth L. Danielson	sdanielson@alaska.edu	CEO2-22	2022-2023	71	35.026	161	29.974	71.584	-161.500	46	33.0	pH, pCO2, DO, CTD, NO3, Sediment trap	
5/5/22	UAF	Seth L. Danielson	sdanielson@alaska.edu	CEO3-22 (ripod)	2022-2023	71	35.457	161	31.349	71.591	-161.522	46	44.0	Acoustic backscatter, Current Speed/Direction, CTD, Benthic Camera	
4/20/23	JAMSTEC	Motoyo Itoh	motoyo@jamstec.go.jp	BCE22	2022-2024	71	40.385	154	59.988	71.673	-155.000	108.0	19.0	Temperature, Salinity, Pressure, Water velocity	
4/20/23	JAMSTEC	Motoyo Itoh	motoyo@jamstec.go.jp	BCC22	2022-2024	71	44.987	155	9.840	71.734	-155.164	290.0	20.0	fluoro	
4/20/23	JAMSTEC	Motoyo Itoh	motoyo@jamstec.go.jp	BCKW22	2022-2024	71	47.781	155	20.812	71.786	-155.347	169.0	15.0	Temperature, Salinity, Pressure, Water velocity	
7/24/23	JAMSTEC	Jonaaro Onodera	onodera@jamstec.go.jp	NBC22a	2022-2023	72	28.369	155	24.167	72.473	-155.403	2004.0	33.0	oxygen, fluoro, turbidity, pH, sediment trap	
4/18/23	Fisheries and Oceans Canada	Bill Williams	Bill.Williams@dfo-mpo.gc.ca	CP22	2022-2023	68	27.657	113	23.301	68.46095	-113.388	45	41	Torsionally rigid ADCP mooring on bottom mount (SBE37P, TCM-1, RDI WHS500)	Cache Point
4/18/23	Fisheries and Oceans Canada	Bill Williams	Bill.Williams@dfo-mpo.gc.ca	BP22	2022-2023	69	50.918	123	38.419	69.84863	-123.640	142	136	Sound trap hydrophone mooring (RBR Concerto, ST600)	Bennett Point (DFO for Wildlife Conservation Society Canada)
4/18/23	Fisheries and Oceans Canada	Bill Williams	Bill.Williams@dfo-mpo.gc.ca	WC22	2022-2023	70	23.622	124	32.456	70.39370	-124.541	156	150	ST600, PORT MFE x(2)	Cape Peary (DFO for Wildlife Conservation Society Canada)
4/18/23	Fisheries and Oceans Canada	Bill Williams	Bill.Williams@dfo-mpo.gc.ca	AT22-01	2022-2023	70	34.771	127	38.229	70.57952	-127.637	66	61	AZFP mooring (ST600, SBE37SM, AZFP)	Cape Bathurst-shallow (DFO-FWI)
4/18/23	Fisheries and Oceans Canada	Bill Williams	Bill.Williams@dfo-mpo.gc.ca	AT22-02	2022-2023	70	40.878	126	52.248	70.68130	-126.871	295	290	AZFP mooring (ST600, SBE37SM, AZFP)	Cape Bathurst-deep (DFO-FWI)
4/18/23	Fisheries and Oceans Canada	Bill Williams	Bill.Williams@dfo-mpo.gc.ca	AT22-03	2022-2023	70	52.460	126	18.416	70.04100	-126.307	233	227	AZFP mooring (SBE37SM)	Franklin Bay (DFO-FWI)
4/18/23	Fisheries and Oceans Canada	Bill Williams	Bill.Williams@dfo-mpo.gc.ca	CB22	2022-2023	70	33.783	127	41.678	70.56305	-127.695	40	37	WHS300, TCM-1	Cape Bathurst
4/18/23	Fisheries and Oceans Canada	Bill Williams	Bill.Williams@dfo-mpo.gc.ca	BSM22-1a	2022-2023	70	20.035	133	44.399	70.33932	-133.739	56	53	IPS mooring (SBE37SM, IPS-5)	site 1
4/18/23	Fisheries and Oceans Canada	Bill Williams	Bill.Williams@dfo-mpo.gc.ca	BSM22-1b	2022-2023	70	20.034	133	44.427	70.33930	-133.746	56	53	NB-ADCP mooring (ST600, NB-ADCP)	site 1
4/18/23	Fisheries and Oceans Canada	Bill Williams	Bill.Williams@dfo-mpo.gc.ca	BSM22-2	2022-2023	70	59.358	133	44.651	70.98930	-133.744	111	39	IPS-5)	site 2
4/18/23	Fisheries and Oceans Canada	Bill Williams	Bill.Williams@dfo-mpo.gc.ca	BSM22-3a	2022-2023	70	63.540	133	42.961	70.05900	-133.716	37	34	IPS mooring (IPS-5)	site 3
4/18/23	Fisheries and Oceans Canada	Bill Williams	Bill.Williams@dfo-mpo.gc.ca	BSM22-3b	2022-2023	70	63.502	133	42.921	70.05807	-133.715	36	32	WHS mooring (SBE37sm, WHS300)	site 3
4/18/23	Fisheries and Oceans Canada	Bill Williams	Bill.Williams@dfo-mpo.gc.ca	BSM22-11	2022-2023	69	46.505	137	02.782	69.77508	-137.046	36	33	IPS mooring (SBE37SM, IPS-5)	site 11
4/18/23	Fisheries and Oceans Canada	Bill Williams	Bill.Williams@dfo-mpo.gc.ca	H122	2022-2023	69	39.300	138	55.260	69.65500	-138.921	43	40	Torsionally rigid ADCP mooring on bottom mount (SBE37sm, ST600, TCM-1, WHS500)	Herschel Island
4/18/23	Fisheries and Oceans Canada	Bill Williams	Bill.Williams@dfo-mpo.gc.ca	AIM22	2022-2023	75	05.238	168	00.143	75.08730	-168.002	160	36	SBE37amp, IPS, SBE37sm, WHS300	Chukchi plateau
4/17/23	UAF	Steve Okkonen/Carin Ashjan	cashjan@whoi.edu	WBC	Aug 2022 - present	71	37.912	157	19.047	71.63187	-157.317	70.0	65.0	CTD, ADCP, Passive acoustic recorder	
4/17/23	UAF	Steve Okkonen/Carin Ashjan	cashjan@whoi.edu	WBC - AZFP	Aug 2022 - present	71	35.943	157	27.128	71.59956	-157.452	70.0	67.0	AZFP	AZFP Mooring
4/17/23	UAF	Steve Okkonen/Carin Ashjan	cashjan@whoi.edu	WDD	Aug 2022 - present	71	25.236	152	43.767	71.42060	-152.729	87.1	77.0	CTD, ADCP, Passive acoustic recorder	
4/17/23	UAF	Steve Okkonen/Carin Ashjan	cashjan@whoi.edu	WDD-AZFP	Aug 2022 - present	71	22.537	152	44.039	71.37562	-152.734	-90	78.0	AZFP	AZFP Mooring
4/17/23	UAF	Steve Okkonen/Carin Ashjan	cashjan@whoi.edu	PhysObsDeep	Aug 2022 - present	70	50.089	146	23.655	70.83482	-146.394	63.0	58.0	CTD, ADCP, Passive acoustic recorder	
4/18/23	UW-APL / WHOI	Jim Thomson / Maddie Smith	jthomson@apl.washington.edu / madsomsmith@whoi.edu	CODAS 1	Apr-Sep, 2023	70	33.565	150	0.425	70.55941667	-149.992	6	5	Pressure and temp	calibration for DAS cable
4/18/23	UW-APL / WHOI	Jim Thomson / Maddie Smith	jthomson@apl.washington.edu / madsomsmith@whoi.edu	CODAS 2	Apr-Sep, 2023	70	39.277	150	0.006	70.65461667	-149.999	12	11	Pressure and temp	calibration for DAS cable
4/18/23	UW-APL / WHOI	Jim Thomson / Maddie Smith	jthomson@apl.washington.edu / madsomsmith@whoi.edu	CODAS 3	Apr-Sep, 2023	70	44.365	150	0.181	70.73941667	-149.996	20	19	Pressure and temp	calibration for DAS cable
6/27/23	KOPRI	Kyoung-Ho Cho	kcho@kopri.re.kr	KAMS1-21	2021-2023	75	48.105	177	3.288	75.80175	-177.055	509.0	25.0	MicroCATs, T-loggers, ADCP, SUNA, RBR-bios, AZFP, Sediment traps	in the water
6/27/23	KOPRI	Kyoung-Ho Cho	kcho@kopri.re.kr	KAMS2-22	2022-2023	75	14.426	171	58.354	75.24043	-171.973	503.0	25.0	MicroCATs, T-loggers, ADCP, RBR-bios, Sediment traps	in the water
6/27/23	KOPRI	Kyoung-Ho Cho	kcho@kopri.re.kr	KAMS4-21	2021-2023	78	18.238	156	13.270	78.30397	-156.221	710.0	25.0	MicroCATs, T-loggers, ADCP, SUNA, RBR-bios, Sediment traps, Hydrophone	in the water
6/27/23	KOPRI	Kyoung-Ho Cho	kcho@kopri.re.kr	KAMS5-22	2022-2023	75	12.368	179	59.423	75.20613	-179.890	557.0	25.0	Sediment traps	in the water
6/27/23	KOPRI	Kyoung-Ho Cho	kcho@kopri.re.kr	ESS-H2	2022-2023	74	41.686	174	36.256	74.69477	-174.604	70.0	80.0	Hydrophone, RBR-TD	in the water
6/27/23	KOPRI	Kyoung-Ho Cho	kcho@kopri.re.kr	ESS-L22	2022-2023	74	42.031	174	31.866	74.70052	-174.528	70.0	48.0	MicroCATs, RBR-TD, ADCP, IPS	in the water
6/27/23	KOPRI	Kyoung-Ho Cho	kcho@kopri.re.kr	SM-22	2022-2023	73	22.129	166	37.747	73.36882	-166.829	71.0	17.0	MicroCATs, T-loggers, ADCP, Thermistor Chains	in the water; will move to other site in summer of 2023