

Last Update Entry	Vessel Name	Research Vessel Status	Depart Date	Depart Location	Arrive Date	Arrive Location	Image and/or shape file of sampling stations or cruise track	Research Location/Area of Operation (e.g. Bering Sea, Chukchi Sea, etc.)	Funding Agencies	Program/Division	Research Contact Name	Research Contact Affiliation	Research Contact Email	Vessel Operator POC	Vessel Operator Email	Project Title	Brief Description of Activities (plain language summary)	Brief description of any outreach or communications planned with local communities	Expedition Website or Project Link (if available)	Where will the data be archived - Database or repository of cruise data
3/13/2023	Northwest Explorer	Scheduled	8/28/2023	Dutch Harbor	9/20/2023	Dutch Harbor	https://www.afsc.noaa.gov/operations/operations/2023/2023-08-28-nw-explorer-cruise-track-shapefile	Northern Bering Sea	NOAA	NMFS	Jim Murphy University of Maryland Center for Environmental Science Phyllis Staben David Allen	NOAA-NMFS-AFSC Phyllis Staben David Allen	jim.murphy@noaa.gov gstaben@noaa.gov phyllis.staben@noaa.gov david.allen@noaa.gov		dbaird2@alaska.edu	NOAA Arctic & Ecosystem Research Cruise	The survey will include the deployment of multiple sampling gear types, including a surface trawl, a small mesh beam trawl, a bongo net, a CTD, a rosette water sampler, and a 10m Veeco hydrographic. The survey will support multiple research activities, including stock-recruitment juvenile salmon abundance estimates, the pelagic food web, fish condition, oceanographic conditions, zooplankton distribution and abundance, seaweed densities, harmful algal bloom blooms, essential oil habitat, environmental DNA, and salmon stock recruitment.			
4/24/2023	Sikuliaq	Scheduled	9/10/2023	Dutch Harbor	10/4/2023	Nome	https://www.afsc.noaa.gov/operations/operations/2023/2023-09-10-sikuliaq-cruise-track-shapefile	Northern Bering and Chukchi Seas	NOAA	OAR	Abdul Waqar Hakim Helmholtz Center for Polar and Marine Science			Doug Baird	dbaird2@alaska.edu	NOAA Arctic & Ecosystem Research Cruise	Crossing DDO and EcoFOCI ecosystem stations. Microecology/hydrographic findings (including parameters to measure temperature, salinity, currents, fluorescence, ice thickness, met, pCO2, and passive listening device for marine mammals), and collect CTD, ADCP, and water/ice box samples.		https://ibcc.utd.ac.uk/	https://arcdata.noaa.gov/
8/10/2023	CIS Charist	Scheduled	9/10/2023	Island - estimated port call in Nome on 10/10/2023	10/12/2023	Seattle, WA	https://www.afsc.noaa.gov/operations/operations/2023/2023-09-10-cis-charist-cruise-track-shapefile	Island - Greenland - Northwest Passage - Beaufort Sea - Gulf of Alaska (47°N - 72°N / 22°W - 170°W)								Harmful algal bloom and phytoplankton survey	The aim of this project is to establish a baseline of the phytoplankton community composition in two understudied Arctic systems, heavily impacted by global warming. Food systems with melting glaciers and coastal ecosystems impacted by permafrost thawing.			
9/20/2023	Louis S. St-Laurent	Scheduled	9/15/2023	Kugluktuk, Canada	10/11/2023	Kugluktuk, Canada	https://www.afsc.noaa.gov/operations/operations/2023/2023-09-15-louis-s-st-laurent-cruise-track-shapefile	Alutians, Gulf of Alaska	NOAA	DFONSP	Bill Williams	Fisheries and Oceans Canada	Bill Williams@dfon-mpo.gc.ca			JOSIS/SCOS				https://dfon-mpo.gc.ca/
3/31/2023	Oceanos Explorer	Scheduled	9/23/2023	Seward	10/14/2023	San Francisco, California	https://www.afsc.noaa.gov/operations/operations/2023/2023-09-23-oceanos-explorer-cruise-track-shapefile	Alutians, Gulf of Alaska	NOAA	OER	Abby Letts	NOAA OER Fisheries and Oceans Canada	abby.letts@noaa.gov			Seascope Alaska Gulf of AK (Transit Mapping)	This expedition will include transit mapping to collect data in support of Seascope Alaska. Seascope Alaska is a regional campaign involving a collaboration of federal, state, tribal, and nongovernmental partners focused on fully mapping the U.S. waters of Alaska.			
9/7/2023	Sr Wilfrid Laurier	Scheduled	9/25/2023		10/28/2023				NOAA	DFO	Bill Williams	Fisheries and Oceans Canada	Bill Williams@dfon-mpo.gc.ca			Mooring				
8/5/2023	RV Mirai	Scheduled	10/6/2023	Dutch Harbor	10/17/2023	Shimizu, Japan	https://www.afsc.noaa.gov/operations/operations/2023/2023-10-06-mirai-cruise-track-shapefile	Alutian Islands & Bering Sea	JAMSTEC							Hydrographic Survey	Ocean storages of heat, freshwater, and materials play important roles in the Earth's climate system and its evolution. Decadal changes in water properties are small but, due to its size, the impact of the ocean to the climate system is significant. The Global Ocean Ship-based Hydrographic Investigations Program (GO-SHIP https://www.go-ship.org/) is an international program organizing ship-based full-depth observations with state-of-the-art accuracy and precision. This expedition is JAMSTEC's contribution to GO-SHIP. Researchers will characterize the hydrographic section WHP-F14 horizontally along 178°E longitudes in the North Pacific Ocean.			
2/24/2023	Sikuliaq	Scheduled	10/10/2023	Nome	11/13/2023	Nome	https://www.afsc.noaa.gov/operations/operations/2023/2023-10-10-sikuliaq-cruise-track-shapefile	Central Beaufort Sea	U.S. Navy NSF, ONR NOAA	ONR	Craig M. Lee University of Washington		craig@uw.washington.edu	Doug Baird	dbaird2@alaska.edu	Arctic Mobile Observing System	Characterizing Arctic ocean-ice-atmosphere variability and predicting the systems evolution on synoptic to seasonal timescales requires observations that span a broad range of spatial and temporal scales. Forecast quality depends on observations for initialization, assimilation, and for informing how the situations represented. Data intended for use in mesoscale/forecast efforts must be delivered in a timely fashion - a challenging requirement for polar regions where ice blocks access to satellite services. To support many missions in the ice-covered Arctic, the Arctic Mobile Observing Innovative Naval Prototype (AMOS INP) is developing a mobile observing capability composed of ice-based Gateway Nodes and an array of complementary autonomous platforms (gliders, floats, AUVs) networked together through acoustic navigation and communication to enable coordinated, cooperative sampling and efficient data relay.			
3/16/2023	Sikuliaq	Scheduled	11/15/2023	Nome	11/21/2023	Seward		Bering Sea & Gulf of Alaska	NOAA		N/A	N/A	N/A	Doug Baird	dbaird2@alaska.edu	Transit	Transit from Nome to ship's homeport at end of field season			
Uncrewed Balloons																				
Legend																				
Red	In planning																			
Scheduled	Scheduled/Underway																			
Orange	Cancelled or postponed																			
Pink	Updated entry since last posting																			
This spreadsheet was developed by IMRPG, PAG, and ADOG with input from NSF, NOAA, ONR, USCG, and DOI. It was last updated on August 4, 2023. For further information contact Sarah Tucker (sarah.tucker@noaa.gov)																				