

Proposed Projects Existing Activity or New Activity proposed brief Description	Institution	Activity Description (platform type, technology etc.)	Existing NEPA EC Questionnaire (Y/N)	NANOOS submitted NEPA Request for Approval?	New Activity 2021-26 (Y/N)	Existing Activity by Different Group/Org (Y/N)	Covered by 2016 IOOS PEA (Y/N)	Location Area Lat/Lon If available	Activity Time- line & Service Interval	Partner Permits & Consults (Federal, State, other)	Use of Sound Emits Y/N	Equipment installation, construction type & required site permissions	Data, Risks, Mitigation	Safety Human Health & Environment
Multivariable assets:														
WA shelf glider line	UW APL	Gliders/AUVs/Drifters	Yes	2016 IOOS PEA	No	No	Yes	NNE-SSW track	Seasonal, aiming to be annual		No	No	In Appendix G of the PE	No
Columbia shelf, glider tracks	CRITFC/OSU	Gliders/AUVs/Drifters	Yes	2016 IOOS PEA	No	No	Yes	Radiator pattern	Annual		No	No	In Appendix G of the PE	No
CA shelf glider line	OSU	Gliders/AUVs/Drifters	Yes	2016 IOOS PEA	No	No	Yes	E-W track: 41.05	Seasonal, aiming to be annual		No	No	In Appendix G of the PE	No
WA shelf buoy	UW APL	Moorings/Stations/Buoys/Fixed Arrays	Yes	2016 IOOS PEA	No	No	Yes	47.9676; -124.96	Annual	Federal OCNMS	No	No, routine upkeep	In Appendix G of the PE	No
Columbia shelf buoy	CRITFC	Moorings/Stations/Buoys/Fixed Arrays	Yes	2016 IOOS PEA	No	No	Yes	46.1735; -124.12	Seasonal, aiming to be annual		No	No	In Appendix G of the PE	No
OR shelf buoy	OSU	Moorings/Stations/Buoys/Fixed Arrays	Yes	2016 IOOS PEA	No	No	Yes	43.2916; -124.53	Annual		No	No	In Appendix G of the PE	No
WA nearshore OCNMS RT	UW APL	Moorings/Stations/Buoys/Fixed Arrays	No	If funded	Yes	Yes, OCNMS Sanctua	No	48 09 58.68 124	Seasonal	Federal OCNMS	No	No		No
WA nearshore OAH	NPS	Sensors/Instrumentation	No	If funded	Yes	Yes, National Park Se	No	Off Olympic NP	Seasonal		No	No, routine upkeep and maintenance.		No
PNW nearshore hypoxia	OSU	Sensors/Instrumentation	No	If funded	Yes	No	No	Off WA and OR	Seasonal		No	No		No
OR nearshore OAH	OSU	Sensors/Instrumentation	No	If funded	Yes	Yes, OR Marine Rese	No	The five OR Mar	Seasonal		No	No, routine upkeep and maintenance.		No
Fishing vessel shelf obs	BDC	Vessels/Sampling	No	If funded	Yes	No	No	Off WA and OR	Seasonal		No	No		No
Shelf drifters	NOAA	Gliders/AUVs/Drifters	No	If funded	Yes	No	No	Off WA and OR	Seasonal		No	No		No
Puget Sound estuary buoys	UW APL	Moorings/Stations/Buoys/Fixed Arrays	Yes	2016 IOOS PEA	No	No	Yes	47° 16.8' N, 122°	Annual	State	No	No	In Appendix G of the PE	No
Puget Sound estuary ferrybox	WDOE	Vessels/Sampling	Yes	2016 IOOS PEA	No	No	Yes	Between Seattle	Annual		No	No	In Appendix G of the PE	No
Columbia estuary buoys	CRITFC	Moorings/Stations/Buoys/Fixed Arrays	Yes	2016 IOOS PEA	No	No	Yes	Within Columbia	Seasonal, aiming to be annual		No	No, routine upkeep	In Appendix G of the PE	No
South Slough estuary moorings	OR ODSL	Moorings/Stations/Buoys/Fixed Arrays	Yes	2016 IOOS PEA	No	No	Yes	Within South Slo	Annual		No	No, routine upkeep	In Appendix G of the PE	No
Central Salish Sea cabled OO	UW FHL	Sensors/Instrumentation	No	If funded	Yes	No	No	48.5467; -123.01	Annual		No	No, routine upkeep and maintenance.		No
Contaminant obs in Columbia	CRITFC	Sensors/Instrumentation	No	If funded	Yes	No	No	Within Columbia	Seasonal, aiming to be annual		No	No, routine upkeep and maintenance.		No
Biological sampling:														
Animal tracking	OSU	Tagging of Species	No	If funded	Yes	No	No	Off WA and OR	Seasonal		No	No		No
Passive acoustics	NOAA	Sensors/Instrumentation	No	If funded	Yes	No	No	Off WA Olympic	Seasonal		No	No		No
HAB observations	UW APL	Moorings/Stations/Buoys/Fixed Arrays	Yes	IOOS OTT	No	No	No	Off WA and OR	Seasonal	Federal OCNMS	No	No		No
Shorelines:														
Washington shorelines	WDOE	Mapping and Surveying	Yes	2016 IOOS PEA	No	No	Yes	WA shorelines o	Seasonal		No	No	In Appendix G of the PE	No
Oregon shorelines	DOGAMI	Mapping and Surveying	Yes	2016 IOOS PEA	No	No	Yes	OR shorelines o	Seasonal		No	No	In Appendix G of the PE	No
PNW bathymetry	OSU	Mapping and Surveying	Yes	2016 IOOS PEA	No	No	Yes	WA and OR near	Seasonal		No	No	In Appendix G of the PE	No
Add coastal bluffs	DOGAMI	Sonar LIDAR	No	If funded	Yes	No	No	OR shorelines o	Seasonal		No	No		No
Extend to Puget Sound	WDOE	Mapping and Surveying	No	If funded	Yes	No	No	WA shorelines in	Seasonal		No	No		No
Surface currents:														
OR/WA coastlines HF	OSU	HF Radar	Yes	2016 IOOS PEA	No	No	Yes	OR and WA oute	Annual	State	No	No, routine upkeep	In Appendix G of the PE	No
NW WA coastlines HF	UW APL	HF Radar	Yes	2016 IOOS PEA	No	No	Yes	WA NW outer co	Annual	State	No	Yes	In Appendix G of the PE	No
Port wave imaging X-band	OSU	Wave Radar	Yes	2016 IOOS PEA	No	No	Yes	Yaquina Harbor	Annual		No	No, routine upkeep	In Appendix G of the PE	No
Forecast models:														
PNW circulation forecasts	OSU	Modeling and Analysis	Yes	2016 IOOS PEA	No	No	Yes	Model domain =	On-going		No		In Appendix G of the PE	No
Puget Sound circulation forecasts	UW Ocean	Modeling and Analysis	Yes	2016 IOOS PEA	No	No	Yes	Model domain =	On-going		No		In Appendix G of the PE	No
Columbia circulation forecasts	CRITFC	Modeling and Analysis	Yes	2016 IOOS PEA	No	No	Yes	Model domain =	On-going		No		In Appendix G of the PE	No
PNW biogeochem forecasts	UW Ocean	Modeling and Analysis	Yes	2016 IOOS PEA	No	No	Yes	Model domain =	On-going		No		In Appendix G of the PE	No
Puget Sound biogeochem forecasts	UW Ocean	Modeling and Analysis	Yes	2016 IOOS PEA	No	No	Yes	Model domain =	On-going		No		In Appendix G of the PE	No
Columbia estuary habitat forecasts	CRITFC	Modeling and Analysis	Yes	2016 IOOS PEA	No	No	Yes	Model domain =	On-going		No		In Appendix G of the PE	No
Wave forecasts for navigational inlets	OSU	Modeling and Analysis	Yes	If funded	Yes	No	No	Model domain =	On-going		No			No
DMAC														
DMAC UW	UW APL	Data Management	Yes	2016 IOOS PEA	No	No	Yes	PNW	On-going		No		In Appendix G of the PE	No
DMAC OSU	OSU	Data Management	Yes	2016 IOOS PEA	No	No	Yes	PNW	On-going		No		In Appendix G of the PE	No
DMAC CRITFC	CRITFC	Data Management	Yes	2016 IOOS PEA	No	No	Yes	PNW	On-going		No		In Appendix G of the PE	No