

SEAN Vital Sign and Protocol	SEAN PARKS			Protocol Development Status						Relative Cost and Effort for Protocol Completion	Relative Cost and Effort to SEAN for Data Collection	
	GLBA	KLGO	SITK	FY2008 - Monitoring Plan Published	FY2009 - YEAR 1	FY2010 - YEAR 2	FY2011 - YEAR 3	FY2012 - YEAR 4	FY2013 - YEAR 5			FY2014 - YEAR 6
Oceanography	•			Implement legacy protocol; analyze legacy data	Draft SEAN Protocol, implement and test	Protocol peer review, approval, and publication	Operate	Operate	Operate	Operate	High	Low
Airborne Contaminants	•	•	•	Collect Pilot Data	Collect pilot data	Lab analysis	Complete data summary and project report	Identify cooperator to complete data analysis and protocol lead	Draft protocol	Off-year	Medium	Medium
Marine Predators	•			Analyze legacy data, solicit expert opinion	Suspend pending completion of Kittlitz's Murrelet protocol	Suspend pending completion of Kittlitz's Murrelet protocol	Component 1 (Black-legged Kittiwake): Complete white paper on historic project and current literature review	Draft study design chapter and SOPs for data collection, data processing, and reporting	Complete draft protocol for peer review	Operate	High	High
Kittlitz's Murrelets	•			Analyze legacy data	Develop Study Plan; Field Test	Revise Study Plan Field Test	Complete draft; continue implementation; submit for external peer review	Protocol peer review, revision, approval, and publication	Operate	Operate	High	Medium
Marine Contaminants	•	•	•	Analyze 2007 data, report	Sample Year 2	Lab analysis	New biennial sampling; Complete 2-year report; scope relationship with NOAA Mussel Watch for long-term operation	NOAA protocol adopted; Complete new biennial report on 2011 data	Establish 5-year Interagency Agreement with MusselWatch for sampling beginning this year	Off-year	Low	Low
Weather and Climate	•	•	•		Initiate revision of CAKN protocol and SOPs for SEAN application; NEPA compliance for KLGO	KLGO: install 2 stations. GLBA: initiate formal scoping, candidate site ID, and wilderness compliance scoping. Test station and fuel cell at inner dock.	KLGO: install 2 stations; GLBA: complete internal scoping	KLGO: upgrade tower at Chilkoot Pass site; design long-term power supply at Klondike Summit. ALL: Complete SEAN-specific SOPs, formally adopt modified CAKN Weather and Climate Protocol. GLBA: submit final station proposal, complete MRA, ID alternatives, work with AKRO on NEPA compliance.	GLBA: Complete NEPA compliance and decision; if stations approved, install. ALL: Complete and publish formal protocol.	Operate	Low	High
Streamflow	•	•	•		SITK: Continue cooperative agreement with CBS, ADFG; KLGO: Establish Interagency Agreement with USGS for Taiya River	SITK: Continue cooperative agreement with CBS, ADFG; KLGO: Continue Interagency Agreement with USGS for Taiya River	SITK: Continue cooperative agreement with CBS, ADFG; KLGO: Continue Interagency Agreement with USGS for Taiya River; GLBA: Scope approach and candidate sites	Continue operations at KLGO; at SITK, look to move data processing in-house - USGS protocol adopted, write SEAN SOPs; GLBA TBD	Operate	Operate	Medium	Medium
Freshwater Water Quality	•	•	•		Develop draft protocol	Implement and Test	Protocol peer review, revision, approval, and publication	Operate	Operate	Operate	Medium	Low
Freshwater Contaminants	•	•	•				Establish CESU agreement for technical assistance	Complete lit review; recruit grad student; Spring scoping session; initiate design drafting	Complete draft protocol for peer review	Publish protocol	Medium	Medium
Intertidal Communities			•	Complete protocol development report			Suspend; complete plan for program scope. Develop plan for periodic inventories	Scope fieldwork and complete first inventory; publish findings	Coordinate with SITK interperative division for science communication products (e.g., signage, species lists)	Off-year	Low	Low
Glacial Dynamics	•	•				Develop study plan and proposal through Regional I&M High-Latitude Climate Change Funds	Complete protocol, extent mapping, and volume estimation (GLBA); deliver GLBA Report	UAF protocol adopted; Implement project of other AK parks	Production and publication of final report and communication products	Off-year	Low	Low
Landform and Landcover	•	•	•						Develop draft protocol	Implement and Test (finalize in 2016)	High	High