

ID	Title	Description	Theme	Focus	Research Status	Groundfish Plan Team	Crab Plan Team Priority	Scallop Plan Team Priority	SSC Priority
651	Thermally marked otolith project to support PSC salmon stock composition in the Gulf of Alaska	Thermally marked otolith project to support PSC salmon stock composition in the Gulf of Alaska	Bycatch species	Stock identification/distribution/genetics	Partially underway	Pending			Pending
671	Characterize expected changes in benthic production due to climate change	Investigations are needed to address the impacts of global climate change on spatial patterns of benthic productivity. This is important for fisheries that target benthic species such as crab for which management may be structured on an assumption of stable stock distribution.	Ecosystem processes	Climate change	No action		Important		Pending
711	Identify best practices for catch estimation for large bycatch species	Evaluate whether alternative methods of weight estimation for large species of bycatch such as sharks can be made rather than direct measurements, including the alternative of managing by numbers.	Observer program	Development/improvement of survey methods	Partially underway	Urgent			Pending
712	Gap Analyses on loss of biological samples due to implementation of EM	Research to determine the effects of loss of biological data collections due to Electronic Monitoring (EM). As the use of EM increases in different fisheries, fewer at-sea observer observations and collections are being made which reduces haul specific data collections. Evaluations of the effects of this on catch accounting estimates and stock assessment are needed.	Observer program	Development/improvement of survey methods	Partially underway	Urgent			Pending
713	Evaluate the spillover in the BSAI Pacific cod fishery from GOA heat-wave related cod TAC reduction	Examine the impact on the BSAI Pacific cod fishery of the large reduction in the GOA Pacific cod TAC in 2018 and 2019	Human dimensions	Community impacts of fisheries	No action	Important			Pending

Cell color shading is done to ease discussion of projects with specific cell values for research status and priority and will be explained during discussion