Research ID	Title	New Council/SSC Priority	Plan Team Priority
147	Life history research on non-recovering crab stocks	Urgent	Medium
148	Spatial distribution of male snow crab	Urgent	High
149	Improve handling mortality rate estimates for crab	Urgent	High
150	Maintain the core biological and oceanographic data (e.g., biophysical moorings, stomach data, zooplankton, age 0 surveys) necessary to support integrated ecosystem assessment	Urgent	High
152	Studies to identify crab stock boundaries	Urgent	High
158	Research ecosystem indicators and their thresholds for inclusion in ecosystem-level management strategy evaluation.	Urgent	Medium
163	Conduct routine fish, crab, and oceanographic surveys in the northern Bering Sea and Arctic Ocean	Urgent	High
164	Effects of trawling on female red king crab and subsequent recruitment	Urgent	High
165	Conduct routine surveys of subsistence in the northern Bering Sea and Arctic Ocean	Critical Ongoing Monitoring	Low
167	Alternative approaches to acquire fishery-independent abundance data for Aleutian Islands golden king crab	Urgent	High
168	Assess seasonal diets and species interactions of fish and shellfish	Important (Near Term)	High
169	Studies on factors that affect catchability particularly for King and Tanner crab	Urgent	High
170	Quantitative reproductive index for the surveyed BSAI crab stocks	Urgent	High
171	Acquire basic life history information (e.g., natural mortality, growth, size at maturity) for data-poor stocks	Urgent	Pending
172	Develop and validate aging methods for crabs.	Urgent	High
173	Expand studies to identify stock and management boundaries	Urgent	High
174	Develop spatially explicit stock assessment models	Urgent	High
177	Conduct prospective and retrospective analyses of changes in the spatial and temporal distribution of fishing effort in response to management change	Urgent	High
178	Develop a framework for collection of economic information	Urgent	High
179	Conduct pre- and post-implementation studies of the benefits and costs, and their distribution, associated with dedicated access privileges	Urgent	High
183	Research the role of habitat in population dynamics and ecosystem processes	Urgent	High

184	Evaluate efficacy of habitat closure areas and habitat recovery	Important (Near Term)	High
185	Maintain moorings and develop/maintain a sea ice formation, sea ice retreat, and spring bloom indices for the EBSÂ	Urgent	Medium
186	Collect and maintain zooplankton and meroplankton biomass and community composition time series	Important (Near Term)	High
190	Collect and maintain time series of ocean pH	Urgent	High
191	Assess whether changes in pH and temperature would affect managed species, upper level predators, and lower trophic levels.	Urgent	High
194	Identification and integration of archived data	Strategic (Future Needs)	Low
196	Evaluate hybridization of snow and Tanner crabs.	Strategic (Future Needs)	Low
197	Develop methodologies to monitor for new/emerging diseases and/or parasites among exploited species and higher trophic levels	Strategic (Future Needs)	Low
199	Assess the synergistic effects of ocean acidification, oil, dispersants, and changes in temperature on productivity of marine species.	Strategic (Future Needs)	High
200	Monitor contaminant flux and loads in lower and higher trophic levels, and assess potential for impact on vital rates.	Strategic (Future Needs)	Low
201	Catch accounting of crab sex and size	Important (Near Term)	Medium
202	Methods for reliable estimation of total removals	Important (Near Term)	Medium
208	Research on stock- recruit relationships	Important (Near Term)	Medium
216	Assess whether Bering Sea canyons are habitats of particular concern	Strategic (Future Needs)	Low
220	Research on survey analysis techniques for species that exhibit patchy distributions	Important (Near Term)	Medium
223	Develop and evaluate global climate change models (GCM) or downscaled climate variability scenarios to assess impacts to recruitment, growth, and spatial distributions.	Important (Near Term)	Medium
224	Climate and oceanographic information covering a wider range of seasons	Important (Near Term)	Medium
226	Continue to evaluate the economic effects from fishery policy changes on coastal communities.	Urgent	Pending
229	Evaluate the effectiveness of setting ABC and OFL levels for data-poor crab stocks	Critical Ongoing Monitoring	High
230	Examine social and economic interactions between coastal communities and commercial and recreational fisheries	Urgent	Medium

232	Develop management strategy evaluations that incorporate changing climate and market economic conditions.	Important (Near Term)	Medium
233	Develop an ongoing database of product inventories	Important (Near Term)	Medium
234	Analyze current determinants of demand for principal seafood products	Important (Near Term)	Low
237	Improved habitat maps	Important (Near Term)	Medium
238	Develop a GIS relational database for habitat, to include a historical time series of the spatial intensity of interactions between commercial fisheries and habitat.	Important (Near Term)	Medium
240	Develop a multivariate index of the climate forcing of the Bering Sea shelf	Important (Near Term)	Medium
241	Develop bottom and water column temperature database and indices	Important (Near Term)	Medium
242	Collect and maintain primary production time series	Important (Near Term)	Medium
249	Assess the movement of Steller sea lions, northern fur seals, Tanner crab, snow crab, and Pacific cod	Critical Ongoing Monitoring	High
250	Conduct ecosystem structure studies	Urgent	Medium
367	Continue to improve stock assessment methodology with respect to uncertainty	Urgent	Pending
391	Investigate spatial stock dynamics and population connectivity for Tanner Crab (2 stocks)	Important (Near Term)	High
431	Develop tools for analyzing coastal community vulnerability to fisheries management changes	Urgent	High