

| ResearchID | Title   | Council Priority            | Current CPT Priority        | New CPT Priority | Current Research Status |
|------------|---|-----------------------------|-----------------------------|------------------|-------------------------|
| 145        | Continuation of State and Federal annual and biennial surveys.  | Critical Ongoing Monitoring | Critical Ongoing Monitoring |                  | Underway                |
| 421        | Develop tools for analyzing coastal community vulnerability to fisheries management changes   | Important                   | Critical Ongoing Monitoring |                  | Underway                |
| 241        | Develop bottom and water column temperature databases and indices   | Important                   | Critical Ongoing Monitoring |                  | Partially underway      |
| 147        | Life history research on data poor or non-recovering crab stocks  | Important                   | Urgent                      |                  | No action               |
| 147        | Alternative approaches to acquire fishery-independent abundance data for unsurveyed stocks of golden king crab                              | Urgent                      | Urgent                      |                  | Underway                |
| 170        | Develop a framework for collection of economic information  | Urgent                      | Urgent                      |                  | Partially underway      |
| 149        | Improve handling mortality rate estimates for crab  | Important                   | Important                   |                  | Partially underway      |
| 162        | Conduct routine fish, crab, and oceanographic surveys in the northern Bering Sea and Arctic Ocean   | Urgent                      | Important                   |                  | Partially underway      |
| 164        | Effects of trawling on female red king crab and subsequent recruitment  | Important                   | Important                   |                  | Underway                |
| 149        | Studies on factors that affect catchability particularly for King and Tanner crab   | Important                   | Important                   |                  | Underway                |
| 170        | Quantitative reproductive index for the surveyed BSAI crab stocks   | Urgent                      | Important                   |                  | Underway                |
| 179        | Conduct pre- and post-implementation studies of the benefits and costs, and their distribution, associated with dedicated access privileges | Urgent                      | Important                   |                  | Partially underway      |
| 180        | Collect and maintain time series of ocean pH  | Critical Ongoing Monitoring | Important                   |                  | Underway                |

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| 191        | Knows whether changes in pH and temperature would affect managed species, upper level predator, and lower trophic levels.  | Strategic                   | Important            |                  | Partially underway      |
| 202        | Methods for reliable estimation of total removals  | Urgent                      | Important            |                  | Underway                |
| 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.          | Strategic                   | Important            |                  | Underway                |
| 232        | Develop management strategy evaluations that incorporate changing climate and market economic conditions.  | Urgent                      | Important            |                  | Underway                |
| 226        | Continue to evaluate the economic effects from fishery policy changes on coastal communities.  | Critical Ongoing Monitoring | Important            |                  | Partially underway      |
| 267        | Continue to improve stock assessment methodology with respect to uncertainty   | Urgent                      | Important            |                  | Underway                |
| 148        | Spatial distribution and movement of crabs relative to life history events and fishing   | Urgent                      | Strategic            |                  | Partially underway      |
| 150        | Maintain the core biological and oceanographic data (e.g. biophysical moorings, stomach data, zooplankton, age 0 surveys) necessary to support integrated ecosystem assessment | Critical Ongoing Monitoring | Strategic            |                  | Underway                |
| 158        | Research ecosystem indicators and their thresholds for inclusion in ecosystem-level management strategy evaluation   | Important                   | Strategic            |                  | Partially underway      |
| 145        | Conduct routine surveys of subsistence in the northern Bering Sea and Arctic Ocean   | Urgent                      | Strategic            |                  | Partially underway      |
| 132        | Develop and validate aging methods for crabs.  | Urgent                      | Strategic            |                  | Underway                |
| 174        | Develop spatially explicit stock assessment models   | Urgent                      | Strategic            |                  | No action               |
| 177        | Critical prospective and retrospective analysis of changes in the spatial and temporal distribution of fishing effort in response to management change                         | Strategic                   | Strategic            |                  | Partially underway      |
| 182        | Research the role of habitat in population dynamics and ecosystem processes  | Important                   | Strategic            |                  | Partially underway      |
| 184        | Evaluate efficacy of habitat closure areas and habitat recovery  | Important                   | Strategic            |                  | Partially underway      |
| 186        | Collect and maintain zooplankton and mesozooplankton biomass and community composition time series   | Critical Ongoing Monitoring | Strategic            |                  | Partially underway      |
| 146        | Evaluate hybridization of snow and Tanner crabs.   | Strategic                   | Strategic            |                  | Partially underway      |

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| 197        | Develop methodologies to monitor for new/emerging diseases and/or parasites among exploited species and higher trophic levels   | Urgent           | Strategic            |                  | No action               |
| 208        | Research on stock-recruitment relationships   | Urgent           | Strategic            |                  | Underway                |
| 220        | Research on survey analysis techniques for species that exhibit patchy distributions  | Important        | Strategic            |                  | Partially underway      |
| 229        | Evaluate the effectiveness of setting ABC and OY levels for data-poor crab stocks   | Urgent           | Strategic            |                  | Partially underway      |
| 250        | Conduct ecosystem structure studies   | Important        | Strategic            |                  | Partially underway      |
| 227        | Improved habitat maps   | Important        | Strategic            |                  | Underway                |
| 223        | Develop an ongoing database of product inventories  | Strategic        | Strategic            |                  | No action               |
| 226        | Analyze current determinants of demand for principal seafood products   | Strategic        | Strategic            |                  | Partially underway      |
| 240        | Develop a multivariate index of the climate forcing of the Bering Sea shelfA  | Important        | Strategic            |                  | Partially underway      |
| 242        | Collect and maintain primary production time series   | Strategic        | Strategic            |                  | Partially underway      |
| 223        | Develop and evaluate global climate change models (GCM) or downscaled climate variability scenarios to assess impacts to recruitment, growth, and spatial distributions | Strategic        | Strategic            |                  | Underway                |
| 224        | Compile and synthesize information covering a wider range of species  | Strategic        | Strategic            |                  | Partially underway      |
| 194        | Identification and integration of archived data   | Strategic        | Strategic            |                  | Partially underway      |
| 147        | Fill history research on data-poor or non-recovering crab stocks  | Important        | Urgent               |                  | No action               |
| 167        | Alternative approaches to acquire fishery-independent abundance data for unsurveyed stocks of golden king crab  | Urgent           | Urgent               |                  | Underway                |
| 126        | Develop a framework for collection of economic information  | Urgent           | Urgent               |                  | Partially underway      |