OBJECTIVE	FUNDING
Stock Assessment and Populations Dynamics	**$27,797,000**
Distribution and Movements (surveys, tagging)	*$8,478,000*
Size / abundance (surveys, estimation)	*$7,543,000*
Vital rates (survival, mortality, growth, R)	*$3,922,000*
Stock assessment	*$3,163,000*
Population dynamics (modeling, sustainability, K, OSP)	*$1,494,000*
Trends	*$1,293,000*
Population genetics /stock delineation	*$1,099,000*
Structure (ages, sex ratio)	*$805,000*
Ecology	**$16,501,000**
Habitat use	*$4,559,000*
Trophic Interactions / Diet / Foraging ecology	*$3,938,000*
Habitat characterization (oceanographic, prey-field factors)	*$3,164,000*
Ecosystem / Environmental studies	*$2,071,000*
Behavioral ecology	*$1,787,000*
Population ecology	*$739,000*
Traditional ecological knowledge	*$243,000*
Technology Development	**$10,933,000**
Tags / Telemetry devices	*$2,019,000*
Mathematical / Statistical / Simulation models	*$1,576,000*
Imaging / Image analysis (e.g., photographic, satellite, digital)	*$1,410,000*
Acoustic detection, classification and localization algorithms / models / software	*$1,361,000*
Acoustic density estimation models / software	*$845,000*
Cameras (e.g., visible, IR)	*$708,000*
Habitat mapping / modeling	*$546,000*
Sampling platforms (e.g., gliders, UASs)	*$537,000*
Biological testing methodologies	*$513,000*
Acoustic devices	*$375,000*
Biological sampling devices (e.g., biopsy, blow, feces)	*$318,000*
Line transect methodology	*$229,000*
Database design / development / maintenance / archiving	*$203,000*
Photo-ID	*$108,000*
GIS	*$93,000*
Oceanographic sampling devices (e.g., physical, chemical)	*$92,000*
Biology (organismal)	**$9,919,000**
Physiology / Endocrinology / Biochemistry / Neurology / etc.	*$2,176,000*
Behavior – Diving / Foraging / Feeding	*$1,897,000*
Bioacoustics – sound reception	*$1,472,000*
Genetics / Taxonomy	*$1,169,000*
Behavior – Kinematics / Activity budgets / Energy budgets	*$895,000*
Behavior – Social / Reproductive	*$865,000*
Reproduction / Growth / Aging	*$754,000*
Bioacoustics – sound production	*$262,000*
Anatomy / Morphology	*$234,000*
Paleontological studies	*$195,000*

Conservation and Management	**$8,862,000**
Conservation	*$3,362,000*
Population protection / recovery	*$3,272,000*
Management	*$1,597,000*
Co-management	*$631,000*
Anthropogenic Sound Impacts	**$8,055,000**
Military activities - sonar and explosives	*$4,013,000*
Characterization / Analysis of sound budgets / soundscapes	*$1,389,000*
Energy development – seismic surveys	*$730,000*
Industrial activity – shipping	*$713,000*
Energy development – drilling	*$600,000*
Energy development – platform removal	*$600,000*
Industrial activity – pile driving	*$10,000*
Animal Health	**$4,978,000**
Disease	*$1,703,000*
Monitoring / Assessment	*$1,614,000*
Body condition	*$721,000*
Contaminants	*$683,000*
Biotoxins	*$257,000*
Fishery Interactions	**$1,404,000**
Bycatch - entanglement (inc. observer program)	*$842,000*
Bycatch – mitigation	*$413,000*
Indirect / competitive interactions	*$149,000*
Other Anthropogenic Impacts	**$706,000**
Disturbance	*$337,000*
Vessel strikes	*$252,000*
Tourism - observing (whale watching, rookery viewing)	*$91,000*
Coastal development / Dredging	*$26,000*
Pollution Impacts	**$525,000**
Marine debris – inc. plastics	*$179,000*
Hydrocarbon spills/leaks (inc. dispersants)	*$168,000*
Persistent toxins (e.g., PCBs, dioxins, pesticides, heavy metals, TBT, endocrine disrupters, radioactive waste)	*$136,000*
Nutrient runoff / HABs	*$22,000*
Marine debris – derelict fishing gear	*$20,000*
Human Dimensions	**$174,000**
Economics	*$120,000*
Social science (inc. education/outreach)	*$54,000*
Major Marine Mammal or Multidisciplinary Scientific Conference	**$37,000**
Major marine mammal or multidisciplinary scientific conference (inc. support for SMM, ECS, etc.)	*$37,000*