

	Title	Description, rationale, potential use	Priority	Status	FMP	Species	Broad categories	Cross-listing	Notes
10	Scallop life history work focusing on natural mortality, including all sources of non-harvest mortality such as predation, disease, and discard mortality.		Important (near term)	unknown	Sea scallop	Scallops	Population dynamics	assessment, RSA	As of the latest assessment (2018), discard mortality questions remain.
37	Research to elucidate modes of infection, transmission and distribution of scallop diseases and parasites that may adversely impact scallop health, meat quality and reproductive viability.	Special attention should be directed to conditions that may result in modifications to the scallop rotational area management strategy to maximize yield.	Important (near term)	underway	Sea scallop	Scallops	Fisheries management	RSA	Susan Ingalls has been funded through S-K in 2017.
38	Evaluate ways to control predation on scallops.	Managing to optimize yield/recruit; natural mortality events can impact short and long-term management.	Strategic (future needs)	not begun	Sea scallop	Scallops	Fisheries management	unknown	
39	Research to address potential implications of spat collection, seeding and relocation of scallops for enhancement purposes in light of unknown impacts of diseases and parasites.		Strategic (future needs)	underway	Sea scallop	Scallops	Fisheries management	RSA	CFF has been funded to do some of this work.
40	Research that investigates the factors affecting scallop fishing power and estimates of how they relate to projections of landings per unit of effort.		Important (near term)	underway	Sea scallop	Scallops	Fisheries management	RSA	SMAST (Wright, Cadrin, O'Keefe) funded by RSA to complete LPUE work. It was presented to the SAW 65 workgroup.
41	Research related to identifying the major sources of scallop management uncertainty and measuring their potential effects on future fishery allocations.		Important (near term)	unknown	Sea scallop	Scallops	Fisheries management	unknown	A15 lists sources of mgmt. uncertainty. Scallop CTE wants to look at carryover as a potential 2019 priority, & the PDT would consider mgmt. uncertainty in this evaluation.
61	Research and development of fishery dependent data collection systems that support scallop management.	In-season, near real-time data collection at haul level would inform fishing operations (e.g., bycatch avoidance) and more real-time management.	Important (near term)	not begun	Sea scallop	Scallops	Bycatch, Fishery performance & monitoring		This priority was added in 2019.
62	Identify "hot spots" within the scallop fishery using data on observed take of sea turtles and other suitable information.	Need data on observed turtle interactions for other fisheries or fishery surveys in the area where the scallop fishery operates.	Strategic (future needs)	underway	Sea scallop	Scallops	Protected species, Bycatch	RSA	There has not been an observed take of a turtle in a scallop dredge in several years. CFF funded for many years to do sea turtle research.
66	Evaluate the socioeconomic impacts and consequences of area rotation on the scallop fishery, including potential distributional effects and impacts on other fisheries.		Important (near term)	not begun	Sea scallop	Scallops	Human dimensions	RSA	2019/2020 Scallop RSA priority to conduct MSE. Also related to 2018 priority of follow-up to OHA2.

	Title	Description, rationale, potential use	Priority	Status	FMP	Species	Broad categories	Cross-listing	Notes
71	Characterize and evaluate current and potential HMAs and HAPCs.	Identify nursery and over-wintering habitats of species vulnerable to habitat alteration by fishing gear (e.g., scallop dredge).	Important (near term)	underway	Sea scallop	Scallops	Habitat	RSA	Scallop RSA has funded Scott Gallagher at WHOI to compete 3 years of BACI work in the EGB HAPC.
72	Evaluate habitat recovery following impact by fishing gear (e.g., scallop dredges or trawls and clam dredge), and long-term or chronic effects of fishing on marine resource productivity.	Would help develop or revise spatial management for habitat protection. This includes examining gear impacts on seabed habitats in Northeast US waters that account for effort, season, sedimentary character and biological community.	Strategic (future needs)	unknown	Sea scallop	Scallops	Habitat	unknown	
73	Identify and evaluate methods to reduce the habitat impacts of scallop and clam dredge fishing, including studies that evaluate variability in dredge efficiency across habitats, times, areas.	Would support development of gear-restriction vs. closure area management approaches.	Strategic (future needs)	underway	Sea scallop	Scallops	Habitat	unknown	
92	Impact of offshore wind development on scallop production.	Could include: impacts on scallop larval settlement, growth, reproduction, fishing opportunities, etc.	Urgent (essential)	not begun	Sea scallop	Scallops	Wind energy, Population dynamics, Fisheries management, Habitat	RSA	This priority was added in 2019 and is a 2019/2020 Scallop RSA priority.