

Summary of Scallop RSA Awards

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1.0 OVERVIEW OF RSA FUNDING: 2010 – 2017

Table 1 - Total projects and funding by research priority: 2010 - 2017

Priority	Number of Projects Funded	Total Funding (% of total)
Survey	47 (42%)	\$36,584,185 (38%)
Bycatch	28 (25%)	\$29,182,167 (30%)
Turtle	9 (8%)	\$7,226,437 (7%)
Non-harvest mortality	8 (7%)	\$6,643,424 (7%)
Ecosystem/ Habitat	7 (6%)	\$6,412,691 (7%)
Biology	6 (5%)	\$4,974,064 (5%)
Meat Quality	5 (4%)	\$2,965,334 (3%)
LPUE	1 (1%)	\$270,199 (>1%)
Survey/Habitat	1 (1%)	\$2,665,944 (3%)
Grand Total	112	\$96,924,445

Table 2 - Number of RSA projects funded by Research Priority (2010 - 2017)

Priority	2010	2011	2012	2013	2014	2015	2016	2017	Grand Total
Survey	5	9	4	6	6	6	4	7	47
Bycatch	1	2	7	4	1	4	4	5	28
Turtle	2	1	1	1	1	1	1	1	9
Non-harvest mortality					4	3		1	8
Ecosystem/ Habitat		1		2	2	1		1	7
Biology		1		1		1	3		6
Meat Quality			1		1		2	1	5
LPUE								1	1
Survey/Habitat							1		1
Grand Total	8	14	13	14	15	16	15	17	112

Table 3 - Status of RSA project from 2010 - 2016

Status	Projects
Not presented	1
Used in Council Action or presented to AP/PDT	74
Ongoing	20

Table 4 - RSA Funding by year from 2010 - 2017 by research organization

Research Organization	Year								
	2010	2011	2012	2013	2014	2015	2016	2017	Grand Total
Coonamessett Farm	\$2,266,396	\$3,418,500	\$4,936,646	\$4,729,047	\$1,996,777	\$5,464,619	\$5,912,199	\$5,123,052	\$33,847,236
SMAST	\$1,840,511	\$1,484,784	\$2,570,390	\$3,126,763	\$3,058,102	\$4,094,626	\$952,286	\$3,910,300	\$21,037,762
VIMS	\$777,695	\$1,750,069	\$2,135,156	\$2,254,221	\$1,420,327	\$1,659,672	\$5,472,885	\$4,057,873	\$19,527,898
Arnie's Fisheries	\$1,706,300	\$998,000	\$1,297,656	\$995,894	\$1,789,680	\$1,437,888	\$586,540		\$8,811,958
University of Delaware					\$1,147,794	\$508,545		\$2,226,996	\$3,883,335
Northeastern University				\$1,107,448	\$919,277	\$801,465			\$2,828,190
WHOI							\$2,665,944		\$2,665,944
Maine DMR		\$589,314			\$558,515	\$372,344			\$1,520,173
Phoel Associates, Inc.		\$799,600							\$799,600
U Maine		\$712,455							\$712,455
National Fisheries Institute				\$338,931	\$366,588				\$705,519
Fisheries Specialists			\$584,375						\$584,375
Grand Total	\$6,590,902	\$9,752,722	\$11,524,223	\$12,552,304	\$11,257,060	\$14,339,159	\$15,589,854	\$15,318,221	\$96,924,445

2.0 2017/2018 RSA AWARDS

Table 5 - Summary of 2017/2018 RSA Awards, grouped by priority

<i>Category</i>	<i>Org.</i>	<i>Title</i>	<i>Pounds</i>	<i>Research</i>	<i>Comp.</i>
Bycatch	CFF	Optimizing the Georges Bank Scallop Fishery by Maximizing Meat Yield and Minimizing Bycatch	164,509	\$493,528	\$1,480,584
Bycatch	CFF	Development of an Extended Link Apron: A Broad Range Tool for Bycatch Reduction	87,000	\$261,000	\$783,000
Bycatch	CFF	Improving a low profile dredge using computational fluid dynamics and flume tank testing	38,662	\$115,985	\$347,955
Bycatch	SMAST	Measuring Swimming Capacity of Yellowtail and Windowpane Flounders	41,425	\$124,276	\$372,826
Bycatch	VIMS	Evaluating the Condition and Discard Mortality of Monkfish, <i>Lophius americanus</i> , Following Capture and Handling in the Sea Scallop Dredge Fishery	128,252	\$346,718	\$1,192,309
Ecosystem /Habitat	SMAST	Sea Scallop Larval and Early Juvenile Transport along the Northeast Continental shelf: A Modeling Tool to Enhance Scallop Management of Rotationally Closed Areas	113,137	\$339,065	\$1,017,195
LPUE	SMAST	Factors Influencing Scallop Landings per Unit Effort (LPUE)	22,517	\$77,200	\$192,999
Meat Quality	SMAST	Monitoring Gray Meat Infestations in Atlantic Sea Scallops in a Closed Area on Georges Bank	35,680	\$119,884	\$308,276
Non-harvest mortality	U of Delaware	A Study of Incidental Mortality in Sea Scallops Investigating Predator Response and Size Selective Rates Of Mortality From BACI Image Surveys	185,583	\$556,748	\$1,670,248
Survey	CFF	An Optical Assessment of Sea Scallop and Predator Abundance and Distribution in the Nantucket Lightship Closed Area and Surrounds in Coordination with the VIMS Dredge Survey	61,833	\$195,750	\$546,250

Survey	SMAST	High-resolution Drop Camera Survey Examining the Scallop Population and Habitat in the Closed Area I Access Area and Sliver	12,137	\$42,480	\$103,167
Survey	SMAST	High-resolution Drop Camera Survey Examining the Scallop Population and Habitat in the Closed Area II Access Area and Extension	25,560	\$89,458	\$217,257
Survey	SMAST	2017 Broadscale Drop Camera Survey of the US East Coast Sea Scallop Resource	75,518	\$256,681	\$649,536
Survey	VIMS	A Cooperative High Precision Dredge Survey to Assess the Mid-Atlantic Sea Scallop Resource Area in 2018	74,426	\$182,373	\$710,741
Survey	VIMS	An Assessment of Sea Scallop Abundance and Distribution in Georges Bank Closed Area II and the Southern Extension Closure	30,435	\$80,044	\$285,178
Survey	VIMS	A Study to Assess the Effect of Tow Duration and Estimate Dredge Efficiency for the VIMS Sea Scallop Dredge Survey	105,043	\$283,615	\$976,895
Turtles	CFF	Understanding the Impacts of the Atlantic Sea Scallop Fishery on Loggerhead Sea Turtles	74,917	\$224,750	\$674,250

Table 6 - 2017/2018 RSA Awards - Allocations and funding by RSA priority

Priority	Sum of Pounds	Sum of Research	Sum of Compensation	Sum of Total
Bycatch	459,848	\$1,341,507	\$4,176,674	\$5,518,181
Survey	384,952	\$1,130,401	\$3,489,024	\$4,619,425
Non-harvest mortality	185,583	\$556,748	\$1,670,248	\$2,226,996
Ecosystem/Habitat	113,137	\$339,065	\$1,017,195	\$1,356,260
Turtles	74,917	\$224,750	\$674,250	\$899,000
Meat Quality	35,680	\$119,884	\$308,276	\$428,160
LPUE	22,517	\$77,200	\$192,999	\$270,199
Grand Total		\$3,789,555	\$11,528,666	\$15,318,221