

NATIONAL OCEAN SERVICE

(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN Operations, Research and Facilities	FY 2008 ENACTED			FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount	Total ATBs	Program Changes	Amount	
<b>Navigation Services</b>					
<b>Mapping &amp; Charting</b>					
Mapping & Charting Base	44,371	1,227	2,086	47,639	3,268
Joint Hydrographic Center	7,247	(7,240)	0	0	(7,247)
Hydrographic Research & Technology Development		7,247	177	7,424	7,424
Electronic Navigational Charts	4,392	4	1,736	6,128	1,736
Shoreline Mapping	2,366	2	58	2,424	58
Address Survey Backlog/Contracts	26,355	27	4,818	31,173	4,818
Dune System Assessment & Shoreline Change Analysis	869	0	0	0	(869)
<b>Subtotal, Mapping and Charting</b>	<b>85,600</b>	<b>1,267</b>	<b>8,875</b>	<b>94,788</b>	<b>9,188</b>
<b>Geodesy</b>					
Geodesy Base	21,729	621	532	22,860	1,131
National Height Modernization	5,000	0	0	2,541	(2,459)
Geodetic Survey- KY	376	0	0	0	(376)
Geodesy/Height Modernization - IL	353	0	0	0	(353)
Alabama Statewide GIS Mapping Program	423	0	0	0	(423)
Geospatial Data Analysis Center, AL	423	0	0	0	(423)
Coastal & Ocean Navigation & Hazards Assist - SC	188	0	0	0	(188)
<b>Subtotal, Geodesy</b>	<b>28,492</b>	<b>621</b>	<b>532</b>	<b>25,401</b>	<b>(3,091)</b>
<b>Tide &amp; Current Data</b>					
Tide & Current Data Base	26,168	500	2,195	28,837	2,669
Alaska Current & Tide Data	1,316	0	0	0	(1,316)
<b>Subtotal, Tide &amp; Current Data</b>	<b>27,484</b>	<b>500</b>	<b>2,195</b>	<b>28,837</b>	<b>1,353</b>
<b>Total, Navigation Services</b>	<b>141,576</b>	<b>2,388</b>	<b>11,602</b>	<b>149,026</b>	<b>7,450</b>
<b>Ocean Resources Conservation and Assessment</b>					
<b>Ocean Assessment Program (OAP)</b>					
Ocean Research Priorities Plan Implementation	0	0	10,000	10,000	10,000
IOOS Regional Observations	0	11,555	3,000	14,555	14,555
Integrated Ocean Observing System	26,360	(14,000)	0	0	(26,360)
NOAA IOOS	0	2,500	4,000	6,500	6,500
Regional Geospatial Modeling Grants	8,000	0	0	0	(8,000)
Gulf of Mexico Regional Collaboration	4,880	5	120	5,000	120
Alliance for Coastal Technologies	940	0	0	0	(940)
Coastal Storms	1,464	1	1,410	2,874	1,410
Coastal Services Center	23,426	419	0	20,254	(3,172)
CREST	1,518	0	0	0	(1,518)
NERRS Research (formerly CICEET - Coop Inst for Coastal & Estuarine)	6,503	0	(6,496)	0	(6,503)
Coral Reef Program	29,283	100	0	25,897	(3,386)
Ocean Health Initiative	2,928	0	0	1,000	(1,928)
Lake Erie Monitoring	353	0	0	0	(353)
Louisiana Environmental Research Center	353	0	0	0	(353)
<b>Subtotal, Ocean Assessment Program (OAP)</b>	<b>106,008</b>	<b>580</b>	<b>12,034</b>	<b>86,080</b>	<b>(19,928)</b>
<b>Response and Restoration</b>					
Response and Restoration Base	11,518	515	5,245	17,266	5,748
Estuary Restoration Program	1,160	1	28	1,188	28
Marine Debris	3,172	0	4,000	4,000	828
Marine Debris Removal - Alaska	1,316	0	0	0	(1,316)
Aquatic Resources Environmental Initiative	1,128	0	0	0	(1,128)
Pribilof Islands Cleanup	5,297	(727)	(4,565)	0	(5,297)
Aquidneck Island Westside Plan	188	0	0	0	(188)
Suisin Bay, CA Assessment Study	1,500	0	0	0	(1,500)
<b>Subtotal, Response and Restoration</b>	<b>25,279</b>	<b>(211)</b>	<b>4,708</b>	<b>22,454</b>	<b>(2,825)</b>
<b>National Centers for Coastal Ocean Science (NCCOS)</b>					
Nat'l Ctrs for Coastal Ocean Science (NCCOS)	0	31,983	775	32,758	32,758
Competitive Research	11,713	12	4,088	15,801	4,088
Ctr for Coastal Environ Health & Bimolecular Rsch	13,665	(8,245)	0	0	(13,665)
Oxford, MD	4,392	(1,240)	0	0	(4,392)
Ctr for Coastal Fisheries Habitat Research	5,605	(5,599)	0	0	(5,605)

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Center for Coastal Monitoring & Assessment	4,474	(4,470)	0	0	(4,474)
Center for Sponsored Coastal Ocean Research	2,635	(2,632)	0	0	(2,635)
NCCOS Headquarters	4,881	(4,876)	0	0	(4,881)
Marine Env Health Research Lab - MEHRL	4,100	(4,096)	0	0	(4,100)
<b>Subtotal, NCCOS</b>	<b>51,465</b>	<b>837</b>	<b>4,863</b>	<b>48,559</b>	<b>(2,906)</b>
<b>Total, Ocean Resources Conserv. &amp; Assess.</b>	<b>182,752</b>	<b>1,206</b>	<b>21,605</b>	<b>157,093</b>	<b>(25,659)</b>
<b>Ocean and Coastal Management</b>					
<b>Coastal Management</b>					
CZM Grants	64,423	65	1,723	66,146	1,723
CZM Program Administration	6,735	308	1,119	8,155	1,420
Nat'l Estuarine Rsrch Reserve Sys - NERRS	16,404	304	5,634	22,326	5,922
Non-point Pollution Implementation Grants	3,904	0	0	0	(3,904)
Marine Protected Areas	1,464	1	664	2,128	664
<b>Subtotal, Coastal Management</b>	<b>92,930</b>	<b>678</b>	<b>9,140</b>	<b>98,755</b>	<b>5,825</b>
<b>Ocean Management</b>					
<b>Marine Sanctuary Program</b>					
Marine Sanctuary Program Base	46,853	614	0	44,378	(2,475)
Maritime Museum, AL	470	0	0	0	(470)
Point Loma Enhanced Monitoring Program, CA	893	0	0	0	(893)
Northwest Straits Citizens Advisory Commission, WA	1,563	0	0	0	(1,563)
Urban Coast Institute, NJ	893	0	0	0	(893)
<b>Subtotal, Ocean Management</b>	<b>50,672</b>	<b>614</b>	<b>0</b>	<b>44,378</b>	<b>(6,294)</b>
<b>Total, Ocean and Coastal Management</b>	<b>143,602</b>	<b>1,292</b>	<b>9,140</b>	<b>143,133</b>	<b>(469)</b>
<b>Total, National Ocean Service - ORF</b>	<b>467,930</b>	<b>4,886</b>	<b>42,347</b>	<b>449,252</b>	<b>(18,678)</b>
<b>Other National Ocean Service Accounts</b>					
Total, National Ocean Service - PAC	56,599	(273)	7,135	27,385	(29,214)
Total, National Ocean Service - Other	11,600	0	0	11,600	0
<b>GRAND TOTAL NOS</b>	<b>536,129</b>	<b>4,613</b>	<b>49,482</b>	<b>488,237</b>	<b>(47,892)</b>

NATIONAL MARINE FISHERIES SERVICE

(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN Operations, Research and Facilities	FY 2008 ENACTED			FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount	Total ATBs	Program Changes	Amount	
<b>Protected Species Research and Management</b>					
Protected Species Research and Management Programs Base	33,187	546	1,066	34,766	1,579
Marine Mammals	40,455	619	1,500	41,340	885
Marine Turtles	13,665	213	0	10,003	(3,662)
Other Protected Species (Marine Fish, Plants, and Invertebrates)	7,975	95	195	8,257	282
Atlantic Salmon	5,759	76	4,167	9,996	4,237
Pacific Salmon (for Salmon Management Activities, see Fisheries Research and Management Programs Base)	58,566	1,203	3,169	62,879	4,313
Cook Inlet Beluga Whale Research	353	0	0	0	(353)
Right Whale Disentanglement Program, Center for Coast Studies	94	0	0	0	(94)
Aleut Pacific Marine Resources Observers, AK	117	0	0	0	(117)
Alaska Sea Life Center, AK	3,478	0	0	0	(3,478)
Alaska Sea Otter and Steller Sea Lion Commission, AK	202	0	0	0	(202)
Alaska Native Harbor Seal Commission, AK	141	0	0	0	(141)
<b>Subtotal, Protected Species Research and Management</b>	<b>163,992</b>	<b>2,752</b>	<b>10,097</b>	<b>167,241</b>	<b>3,249</b>
<b>Fisheries Research and Management</b>					
Fisheries Research and Management Programs	135,533	2,607	21,505	159,585	24,052
Expand Annual Stock Assessments - Improve Data Collection	31,631	421	8,484	40,504	8,873
Economics & Social Sciences Research	5,857	78	4,729	10,658	4,801
Salmon Management Activities	23,426	124	854	24,381	955
Regional Councils and Fisheries Commissions	25,701	985	629	27,289	1,588
Fisheries Statistics	12,868	282	3,015	16,152	3,284
Fish Information Networks	21,675	129	231	22,013	338
Survey and Monitoring Projects	14,642	419	8,224	23,270	8,628
Fisheries Oceanography	968	4	24	995	27
American Fisheries Act	4,881	132	343	5,351	470
Interjurisdictional Fisheries Grants	2,506	4	61	2,569	63
National Standard 8	992	20	24	1,035	43
Reduce Fishing Impacts on Essential Fish Habitat (EFH)	497	8	12	517	20
Reducing Bycatch	2,741	55	567	3,360	619
Anadromous Grants	1,952	0	0	0	(1,952)
Product Quality and Safety	6,810	157	167	7,127	317
Maine and New Hampshire Inshore Trawl Survey	188	0	0	0	(188)
Migratory Shark Research at Mote Marine Laboratory	1,504	0	0	0	(1,504)
Reef Fish Monitoring and Research, FL Fish & Wildlife Conservation Commission	940	0	0	0	(940)
Chesapeake Bay Multi Species Fisheries Management	352	0	0	0	(352)
Gulf Oyster Industry Program, University of Florida	188	0	0	0	(188)
Narraganset Bay Window Program, University of Rhode Island Coastal and Estuarine Science Center	916	0	0	0	(916)
Oyster Hatchery Economic Pilot Program, Morgan State University, MD	470	0	0	0	(470)
Papahānaumokuākea Marine National Monument Fishery Assistance, Hawaii	6,698	0	0	0	(6,698)
Massachusetts Groundfish Support, MA	13,395	0	0	0	(13,395)
Monkfish and Migratory Finfish Trawl Surveys, NJ	1,339	0	0	0	(1,339)
Southern New England Cooperative Research Initiative, RI	1,339	0	0	0	(1,339)
Hawaii Seafood Safety and Inspections, HI	670	0	0	0	(670)
Trawl Survey, Chesapeake Bay	447	0	0	0	(447)
Horseshoe Crab Research, Virginia Tech, VA	447	0	0	0	(447)
Oregon Salmon Weak Stock Solutions Research, OR	447	0	0	0	(447)
Fisheries Infrastructure, Investigation, Assessment & Improvement Project, NM	376	0	0	0	(376)
Scallop Fishery Assessment, MA	1,786	0	0	0	(1,786)
Center for Ecosystem-based Fisheries Management, AL	2,632	0	0	0	(2,632)
Pelagic Tagging, CA	446	0	0	0	(446)
<b>Subtotal, Fisheries Research and Management</b>	<b>327,260</b>	<b>5,425</b>	<b>48,869</b>	<b>344,806</b>	<b>17,546</b>
<b>Enforcement &amp; Observers/Training</b>					
Enforcement	53,371	680	2,407	56,405	3,034
Observers/Training	31,523	417	772	32,680	1,157
<b>Subtotal, Enforcement &amp; Observers/Training</b>	<b>84,894</b>	<b>1,097</b>	<b>3,179</b>	<b>89,085</b>	<b>4,191</b>
<b>Habitat Conservation &amp; Restoration</b>					
Sustainable Habitat Management	18,685	328	1,958	20,952	2,267
Fisheries Habitat Restoration (CBRP & Open Rivers)	25,379	206	(3,107)	22,453	(2,926)
Mill River Habitat Restoration, MA	376	0	0	0	(376)
Bronx River Restoration, NY	940	0	0	0	(940)
NAIB Conservation and Education Programs, MD	893	0	0	0	(893)

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Port Aransas Nature Preserve, TX	329	0	0	0	(329)
Chesapeake Bay Oyster Restoration, MD	1,786	0	0	0	(1,786)
Oyster Bed Reseeding and Fishery Habitat Enhancement, AL	940	0	0	0	(940)
Rehabilitation of Alaska Crab, AK	282	0	0	0	(282)
Lower Elwha River Habitat Restoration, WA	447	0	0	0	(447)
Merrimack River Fish Habitat, NH	188	0	0	0	(188)
<b>Subtotal, Habitat Conservation &amp; Restoration</b>	<b>50,245</b>	<b>534</b>	<b>(1,149)</b>	<b>43,405</b>	<b>(6,840)</b>
<b>Other Activities Supporting Fisheries</b>					
Antarctic Research	3,032	36	497	2,639	(393)
Aquaculture	3,416	3	636	4,052	636
Chesapeake Bay Studies	1,920	(1,918)	0	0	(1,920)
Climate Regimes & Ecosystem Productivity	1,464	34	558	2,055	591
Computer Hardware and Software - FY 2004 Omnibus Funded in PAC	3,299	40	81	3,417	118
Cooperative Research	10,068	150	1,247	11,455	1,387
Information Analyses & Dissemination	18,481	412	453	19,328	847
Magnuson-Stevens (MSA) Implementation off Alaska	7,321	(7,314)	0	0	(7,321)
Marine Resources Monitoring, Assessment & Prediction Prgm (MarMap)	822	1	20	842	20
National Environmental Policy Act (NEPA)	7,882	144	193	8,211	329
NMFS Facilities Maintenance	5,902	437	144	6,477	575
Southeast Area Monitoring & Assessment Program (SEAMAP)	4,392	(4,388)	0	0	(4,392)
Other Projects	4,881	8	119	5,003	122
Southwest Fisheries Science Center	976	1	24	1,000	24
Regional Studies		6,371	753	7,124	7,124
Regional Science and Operations		7,474	597	8,071	8,071
Aquatic Genomics and Biosecurity Research	940	0	0	0	(940)
Groundline Exchange Program	376	0	0	0	(376)
Bering Sea Fishermen's Association	188	0	0	0	(188)
Yukon River Drainage Association	376	0	0	0	(376)
Gulf of Alaska Coastal Communities Coalition	188	0	0	0	(188)
Louisiana Fisheries Recovery Resource Center	491	0	0	0	(491)
New England Multi-Species Survey	2,679	0	0	0	(2,679)
Western Pacific Pelagic Fisheries Research	1,116	0	0	0	(1,116)
Fishing Mortality Education Program	94	0	0	0	(94)
Science Consortium for Ocean Replenishment at Mote marine Lab	846	0	0	0	(846)
East Coast Shellfish Aquaculture Industry	423	0	0	0	(423)
Lobster Institute CORE Initiative - Univ of Maine	188	0	0	0	(188)
NOAA Save the Bay Edu Prog & Shellfish Restoration	188	0	0	0	(188)
<b>Subtotal, Other Activities Supporting Fisheries</b>	<b>81,949</b>	<b>1,491</b>	<b>5,322</b>	<b>79,674</b>	<b>(2,275)</b>
<b>Total, National Marine Fisheries Service - ORF</b>	<b>708,340</b>	<b>11,299</b>	<b>66,318</b>	<b>724,211</b>	<b>15,871</b>
<b>Other National Marine Fisheries Service Accounts</b>					
Total, National Marine Fisheries Service - PAC	2,021	0	0	0	(2,021)
Total, National Marine Fisheries Service - Other	118,722	(1,154)	(32,000)	58,112	(60,610)
<b>GRAND TOTAL NMFS</b>	<b>829,083</b>	<b>10,145</b>	<b>34,318</b>	<b>782,323</b>	<b>(46,760)</b>

OFFICE of ATMOSPHERIC RESEARCH  
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<b>Climate Research</b>					
<b>Laboratories &amp; Cooperative Institutes</b>					
Laboratories & Cooperative Institutes	53,500	1,239	0	51,576	(1,924)
<b>Subtotal, Laboratories &amp; Cooperative Institutions</b>	<b>53,500</b>	<b>1,239</b>	<b>0</b>	<b>51,576</b>	<b>(1,924)</b>
<b>Climate Data &amp; Information</b>					
Climate Data & Information	0	7,601	698	8,299	8,299
<b>Subtotal, Climate Data &amp; Information</b>	<b>0</b>	<b>7,601</b>	<b>698</b>	<b>8,299</b>	<b>8,299</b>
<b>Competitive Research Program</b>					
Competitive Research Program (incl. NIDIS)	130,116	530	4,186	134,702	4,586
<b>Subtotal, Competitive Research Program</b>	<b>130,116</b>	<b>530</b>	<b>4,186</b>	<b>134,702</b>	<b>4,586</b>
<b>Climate Operations</b>					
Climate Operations	0	514	386	900	900
<b>Subtotal, Climate Operations</b>	<b>0</b>	<b>514</b>	<b>386</b>	<b>900</b>	<b>900</b>
<b>Climate Observations &amp; Services</b>					
Climate Observations & Services	8,068	(8,060)	0	0	(8,068)
<b>Subtotal, Climate Observations &amp; Services</b>	<b>8,068</b>	<b>(8,060)</b>	<b>0</b>	<b>0</b>	<b>(8,068)</b>
<b>Other Partnership Programs</b>					
Abrupt Climate Change Research	376	0	0	0	(376)
Drought Research Study	752	0	0	0	(752)
<b>Subtotal, Other Partnership Programs</b>	<b>1,128</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(1,128)</b>
<b>Total, Climate Research</b>	<b>192,812</b>	<b>1,824</b>	<b>5,270</b>	<b>195,477</b>	<b>2,665</b>
<b>Weather &amp; Air Quality Research</b>					
<b>Laboratories &amp; Cooperative Institutes</b>					
Laboratories & Cooperative Institutes	46,000	891	4,000	49,089	3,089
<b>Subtotal, Laboratories &amp; Cooperative Institutes</b>	<b>46,000</b>	<b>891</b>	<b>4,000</b>	<b>49,089</b>	<b>3,089</b>
<b>Weather &amp; Air Quality Research Programs</b>					
U.S. Weather Research Program (USWRP) (THORPEX)		5,357	143	5,500	5,500
Tornado Severe Storm Research / Phased Array Radar	2,901	3	71	2,972	71
<b>Subtotal, Weather &amp; Air Quality Research Programs</b>	<b>2,901</b>	<b>5,360</b>	<b>214</b>	<b>8,472</b>	<b>5,571</b>
<b>Other Partnership Programs</b>					
STORM (U. of N. Iowa)	613	0	0	0	(613)
Wind Hazards Reduction Program, IA	613	0	0	0	(613)
San Joaquin Valley Ozone Study, CA	134	0	0	0	(134)
Advanced Radar Technologies, WY	94	0	0	0	(94)
Coastal & Inland Hurricane Monitoring & Protection Program, AL	611	0	0	0	(611)
Tornado & Hurricane Operations & Research, AL	846	0	0	0	(846)
Coastal Weather for Catastrophic Events, AL	258	0	0	0	(258)
<b>Subtotal, Other Partnership Programs</b>	<b>3,169</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(3,169)</b>
<b>Total, Weather &amp; Air Quality Research</b>	<b>52,070</b>	<b>6,251</b>	<b>4,214</b>	<b>57,561</b>	<b>5,491</b>
<b>Ocean, Coastal, and Great Lakes Research</b>					
<b>Laboratories &amp; Cooperative Institutes</b>					
Laboratories & Cooperative Institutes	23,000	621	0	20,806	(2,194)
<b>Subtotal, Laboratories &amp; Cooperative Institutes</b>	<b>23,000</b>	<b>621</b>	<b>0</b>	<b>20,806</b>	<b>(2,194)</b>
<b>National Sea Grant College Program</b>					
National Sea Grant College Program Base	57,100	97	0	54,997	(2,103)
<b>Subtotal, National Sea Grant College Program</b>	<b>57,100</b>	<b>97</b>	<b>0</b>	<b>54,997</b>	<b>(2,103)</b>
<b>Nat'l Undersea Rsrch Program (NURP)</b>					
Nat'l Undersea Research Program (NURP)	10,000	(9,402)	(0)	0	(10,000)
Nat'l Inst for Undersea Science & Tech (NIUST)	4,700	0	0	0	(4,700)
<b>Subtotal, National Undersea Research Program (NURP)</b>	<b>14,700</b>	<b>(9,402)</b>	<b>(0)</b>	<b>0</b>	<b>(14,700)</b>

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<b>Ocean Exploration and Research</b>					
Ocean Exp & Rsrch (NURP moved in FY08)	19,522	9,430	0	27,791	8,269
<b>Subtotal, Ocean Exploration and Research</b>	<b>19,522</b>	<b>9,430</b>	<b>0</b>	<b>27,791</b>	<b>8,269</b>
<b>Other Ecosystems Programs</b>					
Aquatic Invasive Species Program	4,600	3	0	988	(3,612)
Marine Aquaculture Program	4,881	8	0	1,622	(3,259)
<b>Subtotal, Other Ecosystems Programs</b>	<b>9,481</b>	<b>11</b>	<b>0</b>	<b>2,610</b>	<b>(6,871)</b>
<b>Invasive Species &amp; Partnership Programs</b>					
Lake Champlain Research Consortium	250	0	0	0	(250)
Lake Champlain Emerging Threats	400	0	0	0	(400)
Shedd Aquarium Invasive Species Prog - Illinois	940	0	0	0	(940)
Advanced Undersea Vehicle, CT	402	0	0	0	(402)
International Arctic Research Center, AK	2,397	0	0	0	(2,397)
Coastal Vulnerability to Climate Change Study, AK	940	0	0	0	(940)
New Hampshire Lake Host Program, NH	188	0	0	0	(188)
New Hampshire Volunteer Lake Assessment Prog, NH	94	0	0	0	(94)
Collaborate R&D Initiative for the Gulf of Mexico, AL	752	0	0	0	(752)
West Alabama Marine Shrimp & Fish Aquaculture, AL	235	0	0	0	(235)
<b>Subtotal, Other Partnership Programs</b>	<b>6,598</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(6,598)</b>
<b>Total, Ocean, Coastal, &amp; Great Lakes Rsrch</b>	<b>130,401</b>	<b>757</b>	<b>0</b>	<b>106,204</b>	<b>(24,197)</b>
<b>Info Tech, R&amp;D, &amp; Science Education</b>					
High Performance Computing Initiatives	12,659	72	310	13,028	369
<b>Total, Info Tech, R&amp;D, &amp; Science Education</b>	<b>12,659</b>	<b>72</b>	<b>310</b>	<b>13,028</b>	<b>369</b>
<b>Total, Office of Atmospheric Research - ORF</b>	<b>387,942</b>	<b>8,904</b>	<b>9,794</b>	<b>372,270</b>	<b>(15,672)</b>
<b>Other Office of Atmospheric Research Accounts</b>					
Total, Office of Atmospheric Research - PAC	10,131	10	248	10,379	248
Total, Office of Atmospheric Research - Other	0	0	0	0	0
<b>GRAND TOTAL OAR</b>	<b>398,073</b>	<b>8,914</b>	<b>10,042</b>	<b>382,649</b>	<b>(15,424)</b>

**NATIONAL WEATHER SERVICE**  
(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN Operations, Research and Facilities	FY 2008 ENACTED			FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount	Total ATBs	Program Changes	Amount	
<b>Operations and Research</b>					
Local Warnings and Forecasts Base	579,000	10,390	13,065	601,876	22,876
Air Quality Forecasting	5,315	5	130	5,445	130
Alaska Data Bouys	1,643	2	40	1,683	40
HI Data Bouys	1,250	0	(0)	0	(1,250)
Sustain Cooperative Observer Network	1,826	2	45	1,871	45
Susquehanna River Basin Flood System	1,786	0	0	0	(1,786)
Urbanet III, MD	5,358	0	0	0	(5,358)
New England Weather Technology Initiative	188	0	0	0	(188)
NOAA Profiler Network	4,623	5	113	4,736	113
Pacific Island Compact	3,431	4	84	3,515	84
USWRP - US Weather Rsrch Program - THORPEX	5,857	(5,851)	0	0	(5,857)
Vermont NE Weather & Wind Data Integration	200	0	0	0	(200)
Strengthen U.S. Tsunami Warning Network	23,196	23	0	23,196	0
Western Kentucky Environmental Monitoring Network	705	0	0	0	(705)
Hawaii Rain Gages for NWS Pacific Region HQ, HI	322	0	0	0	(322)
Hurricane Mitigation Alliance, FL	447	0	0	0	(447)
Perdido Pass Navigation Assistance, AL	282	0	0	0	(282)
Eye-on-The-Sky, VT	229	0	0	0	(229)
<b>Subtotal, Local Warnings and Forecasts</b>	<b>635,658</b>	<b>4,580</b>	<b>13,477</b>	<b>642,322</b>	<b>6,664</b>
<b>Advanced Hydrological Prediction Services</b>	5,893	6	144	6,037	144
<b>Aviation Weather</b>	4,542	5	711	5,253	711
<b>WFO Maintenance</b>	7,141	7	175	7,316	175
<b>Improved Hydro Modeling of Water Resources, ID</b>	94	0	0	0	(94)
<b>Remote Infrasonic Monitoring of Natural Hazards, MS</b>	1,645	0	0	0	(1,645)
<b>Regional Ensembling Sys for Atmosph Dispersion, MS</b>	1,410	0	0	0	(1,410)
<b>Weather Radio Transmitters</b>					
Weather Radio Transmitters Base	2,297	2	0	2,297	0
Vanderburgh County Outdoor Warning Siren System	127	0	0	0	(127)
Weather Bouy for Nantucket Sound	235	0	0	0	(235)
Delaware River Enhanced Flood Warning System	235	0	0	0	(235)
<b>Subtotal, Weather Radio Transmitters</b>	<b>2,894</b>	<b>2</b>	<b>0</b>	<b>2,297</b>	<b>(597)</b>
<b>Subtotal, Local Warnings and Forecasts</b>	<b>659,277</b>	<b>4,600</b>	<b>14,507</b>	<b>663,225</b>	<b>3,948</b>
<b>Central Forecast Guidance</b>					
Central Forecast Guidance	51,975	1,057	4,273	57,253	5,278
<b>Subtotal, Central Forecast Guidance</b>	<b>51,975</b>	<b>1,057</b>	<b>4,273</b>	<b>57,253</b>	<b>5,278</b>
<b>Total, Operations and Research</b>	<b>711,252</b>	<b>5,657</b>	<b>18,780</b>	<b>720,478</b>	<b>9,226</b>
<b>Systems Operation &amp; Maintenance (O&amp;M)</b>					
NEXRAD	43,120	988	1,056	45,121	2,001
ASOS	8,679	275	712	9,657	978
AWIPS	36,863	336	903	38,065	1,202
NWSTG Backup - CIP	5,380	5	132	5,512	132
<b>Total, Systems Operation &amp; Maintenance</b>	<b>94,042</b>	<b>1,604</b>	<b>2,803</b>	<b>98,355</b>	<b>4,313</b>
<b>Total, National Weather Service - ORF</b>	<b>805,294</b>	<b>7,261</b>	<b>21,583</b>	<b>818,833</b>	<b>13,539</b>
<b>Other National Weather Service Accounts</b>					
Total, National Weather Service - PAC	106,112	2,579	15,582	111,858	5,746
Total, National Weather Service - Other	0	0	0	0	0
<b>GRAND TOTAL NWS</b>	<b>911,406</b>	<b>9,840</b>	<b>37,165</b>	<b>930,691</b>	<b>19,285</b>

NATIONAL ENVIRONMENTAL SATELLITE, DATA and INFORMATION SERVICE  
(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN Operations, Research and Facilities	FY 2008 ENACTED			FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount	Total ATBs	Program Changes	Amount	
<b>Environmental Satellite Observing Systems</b>					
Satellite Command and Control	36,084	1,297	1,384	38,729	2,645
NSOF Operations	7,351	128	180	7,652	301
<b>Subtotal, Satellite Command and Control</b>	<b>43,435</b>	<b>1,425</b>	<b>1,564</b>	<b>46,381</b>	<b>2,946</b>
<b>Product Processing and Distribution</b>					
Product Processing and Distribution	29,681	579	1,227	31,457	1,776
<b>Subtotal, Product Processing and Distribution</b>	<b>29,681</b>	<b>579</b>	<b>1,227</b>	<b>31,457</b>	<b>1,776</b>
<b>Product Development, Readiness &amp; Application</b>					
Product Development, Readiness & Application	19,537	420	478	20,415	878
Prod Devel, Read & App (Ocean Remote Sensing)	3,769	73	92	3,930	161
Coral Reef Monitoring	0	0	737	737	737
Joint Center/Accelerate Use of Satellites	3,180	39	78	3,294	114
<b>Subtotal, Product Development, Readiness &amp; Application</b>	<b>26,486</b>	<b>532</b>	<b>1,385</b>	<b>28,376</b>	<b>1,890</b>
<b>Commercial Remote Sensing Licensing &amp; Enforcement</b>	1,232	24	30	1,285	53
<b>Office of Space Commercialization</b>	597	23	15	634	37
<b>Group on Earth Observations (GEO)</b>	488	0	12	500	12
<b>Ocean Surface Vector Winds Studies</b>	0	0	3,000	3,000	3,000
<b>Total, Environmental Satellite Observing Sys</b>	<b>101,919</b>	<b>2,583</b>	<b>7,233</b>	<b>111,633</b>	<b>9,714</b>
<b>Data Centers &amp; Information Services</b>					
Archive, Access & Assessment	33,848	883	829	35,526	1,678
KY	6,917	0	0	1,361	(5,556)
MD	5,241	0	0	993	(4,248)
NC - Quality Assurance/Quality Control	1,467	0	0	275	(1,192)
WV	7,337	0	0	1,434	(5,903)
<b>Subtotal, Archive, Access &amp; Assessment</b>	<b>54,810</b>	<b>883</b>	<b>829</b>	<b>39,589</b>	<b>(15,221)</b>
Coastal Data Development	4,398	57	108	4,559	161
Regional Climate Centers	3,572	0	0	0	(3,572)
International Pacific Research Ctr (U of H)	1,786	0	0	0	(1,786)
Environmental Data Systems Modernization	9,179	116	225	9,511	332
Integrated Environ Applications & Info Ctr	2,456	0	0	0	(2,456)
Coop Institute for Remote Sensing Applications, AL	1,034	0	0	0	(1,034)
<b>Total, Data Centers &amp; Information Services</b>	<b>77,235</b>	<b>1,056</b>	<b>1,162</b>	<b>53,659</b>	<b>(23,576)</b>
<b>Total, NESDIS - ORF</b>	<b>179,154</b>	<b>3,639</b>	<b>8,395</b>	<b>165,292</b>	<b>(13,862)</b>
<b>Other NESDIS Accounts</b>					
Total, NESDIS - PAC	775,922	(251)	217,692	992,588	216,666
Total, NESDIS - Other	0	0	0	0	0
<b>GRAND TOTAL NESDIS</b>	<b>955,076</b>	<b>3,388</b>	<b>226,087</b>	<b>1,157,880</b>	<b>202,804</b>



**PROGRAM SUPPORT**

(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN Operations, Research and Facilities	FY 2008 ENACTED			FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount	Total ATBs	Program Changes	Amount	
<b>Corporate Services</b>					
<b>Under Secretary and Associate Offices</b>					
Under Secretary and Associate Offices Base	28,843	(171)	33	28,676	(167)
<b>Subtotal, Under Secretary and Assoc. Ofc</b>	<b>28,843</b>	<b>(171)</b>	<b>33</b>	<b>28,676</b>	<b>(167)</b>
<b>NOAA Wide Coporate Services &amp; Agency Management</b>					
NOAA Wide Coporate Services & Agency Management Base	113,902	(4,462)	6,235	115,561	1,659
DOC Accounting System	10,098	83	0	10,171	73
Payment to the DOC Working Capital Fund	34,164	650	1,803	36,583	2,419
<b>Subtotal, NOAA Wide Corporate Srvc &amp; Agency Mgmt</b>	<b>158,164</b>	<b>(3,729)</b>	<b>8,038</b>	<b>162,315</b>	<b>4,151</b>
<b>Office of Chief Information Officer</b>					
IT Security	976	1	1,074	2,050	1,074
<b>Subtotal, Office of Chief Information Officer</b>	<b>976</b>	<b>1</b>	<b>1,074</b>	<b>2,050</b>	<b>1,074</b>
<b>Total, Corporate Services</b>	<b>187,983</b>	<b>(3,899)</b>	<b>9,145</b>	<b>193,041</b>	<b>5,058</b>
<b>NOAA Education Program</b>					
Education Program / Initiative		1,267	0	1,267	1,267
Hollings Scholarship		(3,909)	0	0	0
JASON Education and Outreach	2,209	0	(1,000)	0	(2,209)
BWET California	2,350	0	0	0	(2,350)
BWET Regional Programs	7,323	0	0	0	(7,323)
Educ Partnership Prog/Minority Serving Institutions (EPPMSI)	13,920	14	341	14,261	341
Narragansett Bay Marine Education (Save the Bay)	893	0	0	0	(893)
Mt. Washington Observatory Edu Outreach Exp Initiative	423	0	0	0	(423)
Training Next Generation Weather Forecasters - San Jose State Univ.	212	0	0	0	(212)
Meteorological Equip - Valperaiso Univ. Indiana	818	0	0	0	(818)
Edu Simulations Extreme Weather Events - Wheeling Jesuit Univ. WVA	188	0	0	0	(188)
Competitive Educational Grants	4,881	5	995	1,000	(3,881)
John Smith Water Trail, Chesapeake Bay	446	0	0	0	(446)
Center for the Great Lakes, IL	260	0	0	0	(260)
Anacostia Watershed Education, MD	134	0	0	0	(134)
<b>Total, NOAA Education Program</b>	<b>34,057</b>	<b>(2,623)</b>	<b>336</b>	<b>16,528</b>	<b>(17,529)</b>
<b>Facilities</b>					
NOAA Facilities Management & Construction and Safety	18,501	7,443	(1,156)	24,297	5,796
<b>Subtotal, NOAA Fac Mgmt, Const&amp; Maint</b>	<b>18,501</b>	<b>7,443</b>	<b>(1,156)</b>	<b>24,297</b>	<b>5,796</b>
<b>Total, Facilities</b>	<b>18,501</b>	<b>7,443</b>	<b>(1,156)</b>	<b>24,297</b>	<b>5,796</b>
<b>Marine Operations &amp; Maintenance</b>					
<b>Marine Services</b>					
Data Acquisition	109,891	1,553	2,117	113,451	3,560
<b>Subtotal, Marine Services</b>	<b>109,891</b>	<b>1,553</b>	<b>2,117</b>	<b>113,451</b>	<b>3,560</b>
<b>Fleet Planning and Maintenance</b>					
Fleet Planning and Maintenance	16,773	17	261	17,034	261
<b>Subtotal, Fleet Planning and Maintenance</b>	<b>16,773</b>	<b>17</b>	<b>261</b>	<b>17,034</b>	<b>261</b>
<b>Total, Marine Operations &amp; Maintenance</b>	<b>126,664</b>	<b>1,570</b>	<b>2,378</b>	<b>130,485</b>	<b>3,821</b>
<b>Aviation Operations</b>					
Aircraft Services	25,177	276	4,616	30,044	4,867
<b>Total, Aviation Operations</b>	<b>25,177</b>	<b>276</b>	<b>4,616</b>	<b>30,044</b>	<b>4,867</b>
<b>Total, Office of Marine &amp; Aviation Operations</b>	<b>151,841</b>	<b>1,846</b>	<b>6,994</b>	<b>160,529</b>	<b>8,688</b>
<b>Total, Program Support - ORF</b>	<b>392,382</b>	<b>2,767</b>	<b>15,319</b>	<b>394,395</b>	<b>2,013</b>
<b>Other Program Support Accounts</b>					
Total, Program Support - PAC	28,422	27	71,203	98,450	70,028
Total, Program Support - Other	24,921	1,285	0	26,206	1,285
<b>GRAND TOTAL PS</b>	<b>445,725</b>	<b>4,079</b>	<b>86,522</b>	<b>519,051</b>	<b>73,326</b>

**ORF SUMMARY**  
**LINE OFFICE DIRECT OBLIGATIONS**  
(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN Operations, Research and Facilities	FY 2008 ENACTED			FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount	Total ATBs	Program Changes	Amount	
National Ocean Service	467,930	4,886	42,347	449,252	(18,210)
National Marine Fisheries Service	708,340	11,299	66,318	724,211	16,503
Office of Atmospheric Research	387,942	8,904	9,794	372,270	(15,284)
National Weather Service	805,294	7,261	21,583	818,833	14,344
National Environmental Satellite Data & Information Srv.	179,154	3,639	8,395	165,292	(13,683)
Program Support	392,382	2,767	15,319	394,395	(1,505)
<b>SUBTOTAL LO DIRECT OBLIGATIONS</b>	<b>2,941,042</b>	<b>38,756</b>	<b>163,756</b>	<b>2,924,253</b>	<b>(17,835)</b>

**ORF ADJUSTMENTS**  
(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN Operations, Research and Facilities	FY 2008 ENACTED			FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount	Total ATBs	Program Changes	Amount	
<b>SUBTOTAL LO DIRECT OBLIGATIONS</b>	<b>2,941,042</b>	<b>38,756</b>	<b>163,756</b>	<b>2,924,253</b>	<b>(17,835)</b>
<b>FINANCING</b>					
Recoveries from Prior Year					0
Recoveries					0
Cash Refunds/Prior Year Recoveries					0
De-Obligations	(5,000)	(6,000)	0	(11,000)	(6,000)
Unobligated Balance Rescission Adj BA	(5,108)	5,108			5,108
Unobligated Balance, EOY					0
Unobligated Balance, EOY					0
Unobligated Balance, Expiring					0
Unobligated Balance Adj SOY (start of year)					0
<b>Total ORF Financing</b>	<b>(10,108)</b>	<b>(892)</b>	<b>0</b>	<b>(11,000)</b>	<b>(892)</b>
<b>SUBTOTAL BUDGET AUTHORITY</b>	<b>2,930,934</b>	<b>37,864</b>	<b>163,756</b>	<b>2,913,253</b>	<b>(18,727)</b>
<b>TRANSFERS</b>					
Unobligated Balance Rescission / Approp Adj	5,108	(5,108)		0	(5,108)
Transfer to ORF from PAC - Hollings Scholarship		979	0	0	0
Transfer from PAC					0
Transfer to PAC from ORF		0	0	0	0
Transfer to FFPA	235	(235)	0	0	(235)
Transfer from DOD		0	0	0	0
Transfer from P&D to ORF	(77,000)	(2,000)	0	(79,000)	(2,000)
Transfer from CZMF to ORF	(3,000)	0	0	(3,000)	0
Transfer to ORF from Pacific Salmon	0	67	0	0	0
Transfer to Dept of Interior - Bureau of Indian Affairs					0
<b>Total ORF Transfers</b>	<b>(74,657)</b>	<b>(6,297)</b>	<b>0</b>	<b>(82,000)</b>	<b>(7,343)</b>
<b>SUBTOTAL APPROPRIATION</b>	<b>2,856,277</b>	<b>31,567</b>	<b>163,756</b>	<b>2,831,253</b>	<b>(26,070)</b>

**PROCUREMENT, ACQUISITION, and CONSTRUCTION**  
(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN Procurement, Acquisition and Construction	FY 2008 ENACTED			FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount	Total ATBs	Program Changes	Amount	
<b>NOS</b>					
<b>CELCP Acquisition</b>					
Coastal and Estuarine Land Conservation Program	8,000	8	7,000	15,000	7,000
<b>Subtotal, CELCP Acquisition</b>	<b>8,000</b>	<b>8</b>	<b>7,000</b>	<b>15,000</b>	<b>7,000</b>
<b>NERRS Construction:</b>					
National Estuarine Rsrch Reserve Construction & Land Acq (NERRS)	7,043	(281)	135	6,890	(153)
Lake Superior Nat'l Estuarine Rsrch Reserve	94			0	(94)
Great Bay Partnership, NH	3,525	0	0	0	(3,525)
Mill Creek / Wickford Cove Conservaton, RI	893	0	0		(893)
<b>Subtotal, NERRS Construction</b>	<b>11,555</b>	<b>(281)</b>	<b>135</b>	<b>6,890</b>	<b>(4,665)</b>
<b>Marine Sanctuaries Construction:</b>					
Marine Sanctuaries Base	9,522	0	0	5,495	(4,027)
Thunder Bay NMS Exhibit	1,786	0	0	0	(1,786)
Gulf of Farralones	670	0	0	0	(670)
Nat'l Marine Sanctuary Learning Center, HI	1,786	0	0	0	(1,786)
<b>Subtotal, Marine Sanctuary Construction</b>	<b>13,764</b>	<b>0</b>	<b>0</b>	<b>5,495</b>	<b>(8,269)</b>
<b>Other NOS Construction/Acquisition</b>					
Gulf Coast Marine Aquaculture Laboratory	7,520	0	0	0	(7,520)
Gulf of Mexico Disaster Response Center	11,060	0	0	0	(11,060)
NGI Science Center Bldg - Stennis, MS	4,700	0	0	0	(4,700)
<b>Subtotal, Other NOS Construction</b>	<b>23,280</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(23,280)</b>
<b>Total NOS - PAC</b>	<b>56,599</b>	<b>(273)</b>	<b>7,135</b>	<b>27,385</b>	<b>(29,214)</b>
<b>NMFS</b>					
<b>Construction</b>					
Aquatic Resources	470	0	0	0	(470)
Center for Aquatic Resources Management - AL	1,551	0	0	0	(1,551)
<b>Subtotal, NMFS Construction</b>	<b>2,021</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(2,021)</b>
<b>Total, NMFS - PAC</b>	<b>2,021</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(2,021)</b>
<b>OAR</b>					
<b>Systems Acquisition</b>					
Research Supercomputing/ CCRI	10,131	10	248	10,379	248
<b>Subtotal, OAR Systems Acquisition</b>	<b>10,131</b>	<b>10</b>	<b>248</b>	<b>10,379</b>	<b>248</b>
<b>Total, OAR - PAC</b>	<b>10,131</b>	<b>10</b>	<b>248</b>	<b>10,379</b>	<b>248</b>
<b>NWS</b>					
<b>Systems Acquisition</b>					
ASOS	1,596	2	39	1,635	39
AWIPS	12,459	12	6,605	19,064	6,605
NEXRAD	8,176	8	200	8,376	200
NWSTG Legacy Replacement	1,166	1	29	1,195	29
Radiosonde Network Replacement	3,918	4	96	4,014	96
Weather and Climate Supercomputing	25,544	0	(6,426)	19,092	(6,452)
Weather and Climate Supercomputing Back-up		0	7,077	7,077	7,077
Cooperative Observer Network Modernization (NERON)	4,133	(496)	101	3,734	(399)
Complete and Sustain NOAA Weather Radio	5,460	3,005	2,877	11,337	5,877
NOAA Profiler Conversion	4,978	5	4,752	9,730	4,752
<b>Subtotal, NWS Systems Acquisition</b>	<b>67,430</b>	<b>2,541</b>	<b>15,350</b>	<b>85,254</b>	<b>17,824</b>
<b>Construction</b>					
WFO Construction	12,272	12	232	12,504	232
NOAA Center for Weather & Climate Prediction	26,410	26	0	14,100	(12,310)
<b>Subtotal, NWS Construction</b>	<b>38,682</b>	<b>38</b>	<b>232</b>	<b>26,604</b>	<b>(12,078)</b>
<b>Total, NWS - PAC</b>	<b>106,112</b>	<b>2,579</b>	<b>15,582</b>	<b>111,858</b>	<b>5,746</b>
<b>NESDIS</b>					
<b>Systems Acquisition</b>					
Geostationary Systems - N	80,379	0	(7,036)	73,263	(7,116)
Geostationary Systems - R	234,773	235	242,227	477,000	242,227
<b>Subtotal, NESDIS - GOES</b>	<b>315,152</b>	<b>235</b>	<b>235,191</b>	<b>550,263</b>	<b>235,111</b>
<b>Polar Orbiting Systems - POES</b>	<b>114,906</b>	<b>(500)</b>	<b>(48,872)</b>	<b>65,419</b>	<b>(49,487)</b>
<b>Polar Orbiting Systems - NPOESS</b>	<b>331,300</b>	<b>0</b>	<b>(42,984)</b>	<b>287,985</b>	<b>(43,315)</b>

**PROCUREMENT, ACQUISITION, and CONSTRUCTION**  
(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN Procurement, Acquisition and Construction	FY 2008 ENACTED	Total ATBs	Program Changes	FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount			Amount	
EOS & Advanced Polar Data Processing, Distribution & Archiving Sys	966	1	24	990	24
<b>Subtotal, NESDIS - EOS</b>	<b>966</b>	<b>1</b>	<b>24</b>	<b>990</b>	<b>24</b>
CIP - single point of failure	2,706	3	66	2,772	66
<b>Subtotal, NESDIS - CIP</b>	<b>2,706</b>	<b>3</b>	<b>66</b>	<b>2,772</b>	<b>66</b>
Comprehensive Large Array Data Stewardship Sys (CLASS)	6,321	6	155	6,476	155
NPOESS Preparatory Data Exploitation	2,396	2	59	2,455	59
Restoration of Climate Sensors - Data Records		0	74,000	74,000	74,000
<b>Subtotal, NESDIS Systems Acquisition</b>	<b>773,747</b>	<b>(253)</b>	<b>217,639</b>	<b>990,360</b>	<b>216,613</b>
<b>Construction</b>					
Satellite CDA Facility	2,175	2	53	2,228	53
<b>Subtotal, NESDIS Construction</b>	<b>2,175</b>	<b>2</b>	<b>53</b>	<b>2,228</b>	<b>53</b>
<b>Total, NESDIS - PAC</b>	<b>775,922</b>	<b>(251)</b>	<b>217,692</b>	<b>992,588</b>	<b>216,666</b>
<b>Program Support / Construction</b>					
Pacific Region Center	20,000	20	40,250	60,250	40,250
Southwest Fisheries Science Center	2,928	3	12,072	15,000	12,072
Fairbanks, AK CDA	0	0	11,700	11,700	11,700
Construction Proj. (Woods Hole Berthing Area - Bigelow)	235	0	0	0	(235)
<b>Subtotal, Construction</b>	<b>23,163</b>	<b>23</b>	<b>64,022</b>	<b>86,950</b>	<b>63,787</b>
<b>Program Support / OMAO</b>					
<b>OMAO - Fleet Replacement</b>					
Fisheries Survey Vessels	940	0	0	0	(940)
FSV Calibration		0	1,000	1,000	1,000
Hydro Survey Launch Construction	2,343	2	57	2,400	57
Temporary Berthing for HENRY B. BIGELOW	976	1	24	1,000	24
Vessel Equipment & Technology Refreshment	1,000	1	0	1,000	0
Ship Acquisition, Conversion & Maintenance		0	6,100	6,100	6,100
<b>Subtotal, OMAO Fleet Replacement</b>	<b>5,259</b>	<b>4</b>	<b>7,181</b>	<b>11,500</b>	<b>6,241</b>
<b>Total, Program Support - PAC</b>	<b>28,422</b>	<b>27</b>	<b>71,203</b>	<b>98,450</b>	<b>70,028</b>
<b>GRAND TOTAL PAC</b>	<b>979,207</b>	<b>2,092</b>	<b>311,860</b>	<b>1,240,660</b>	<b>261,453</b>

**PAC ADJUSTMENTS**  
(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN Procurement, Acquisition and Construction	FY 2008 ENACTED			FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount	Total ATBs	Program Changes	Amount	
<b>SUBTOTAL DIRECT OBLIGATIONS</b>	<b>979,207</b>	<b>2,092</b>	<b>311,860</b>	<b>1,240,660</b>	<b>261,453</b>
<b>FINANCING</b>					
De-Obligations		(2,000)	0	(2,000)	(2,000)
Unobligated Balance Rescission Adj BA	(6,264)	6,264			6,264
<b>Total PAC Financing</b>	<b>(6,264)</b>	<b>4,264</b>	<b>0</b>	<b>(2,000)</b>	<b>4,264</b>
<b>SUBTOTAL BUDGET AUTHORITY</b>	<b>972,943</b>	<b>6,356</b>	<b>311,860</b>	<b>1,238,660</b>	<b>265,717</b>
<b>TRANSFERS/RESCISSIONS</b>					
Unobligated Balance Rescission Adj Approp	6,264	(6,264)		0	(6,264)
Transfer to ORF - Hollings Scholarship		(979)		0	0
<b>Total PAC Transfers/Rescissions</b>	<b>6,264</b>	<b>(7,243)</b>	<b>0</b>	<b>0</b>	<b>(6,264)</b>
<b>SUBTOTAL APPROPRIATION</b>	<b>979,207</b>	<b>(887)</b>	<b>311,860</b>	<b>1,238,660</b>	<b>259,453</b>

**GRAND TOTAL SUMMARY**  
Discretionary Appropriations  
(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN ORF, PAC, and Other Discretionary Appropriations	FY 2008 ENACTED			FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount	Total ATBs	Program Changes	Amount	
Operations, Research and Facilities	2,856,277	31,567	163,756	2,831,253	(26,070)
Procurement, Acquisition and Constructor	979,207	(887)	311,860	1,238,660	259,453
Coastal Zone Management Fund	3,000	0	0	3,000	0
Fisherman's Contingency Func	0	0	0	0	0
Foreign Fishing Observer Func	0	0	0	0	0
Fisheries Financing Prograrr	0	0	0	0	0
Pacific Coastal Salmon Fund	67,000	0	(32,000)	35,000	(32,000)
Marine Mammal Unusual Mortality Event Func					
Medicare Eligible Retiree Health Care Fund	1,802	132	0	1,934	132
<b>GRAND TOTAL DISCRETIONARY APPROPRIATION</b>	<b>3,907,286</b>	<b>30,812</b>	<b>443,616</b>	<b>4,109,847</b>	<b>201,515</b>

**OTHER ACCOUNTS (DISCRETIONARY)**  
(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN	FY 2008 ENACTED			FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount	Total ATBs	Program Changes	Amount	
<b><u>NOS</u></b>					
Coastal Zone Management Fund Obligations	0	0	0	0	0
Coastal Zone Management Fund Budget Authority	0	0	0	0	0
Coastal Zone Management Fund Appropriation	3,000	0	0	3,000	0
<b>Subtotal, NOS Oth Disc Direct Obligation</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Subtotal, NOS Oth Disc Budget Authority</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Subtotal, NOS Oth Disc Appropriation</b>	<b>3,000</b>	<b>0</b>	<b>0</b>	<b>3,000</b>	<b>0</b>
<b><u>NMFS</u></b>					
Fishermen's Contingency Fund Obligations	0	157	0	157	157
Fishermen's Contingency Fund Budget Authority	0	0	0	0	0
Fishermen's Contingency Fund Appropriations	0	0	0	0	0
Foreign Fishing Observer Fund Obligations	0	261	0	261	261
Foreign Fishing Observer Fund Budget Authority	0	0	0	0	0
Foreign Fishing Observer Fund Appropriation	0	0	0	0	0
Fisheries Finance Program Account Obligations	235	(235)	0	0	(235)
Fisheries Finance Program Account Budget Authority	235	(235)	0	0	(235)
Fisheries Finance Program Account Appropriation	0	0	0	0	0
Promote and Develop Fisheries Obligations	0	0	0	0	0
Promote and Develop Fisheries Budget Authority	(77,000)	(2,000)	0	(79,000)	(2,000)
Promote and Develop Fisheries Appropriation	0	0	0	0	0
Pacific Coastal Salmon Fund Obligations	67,000	67	(32,000)	35,000	(32,000)
Pacific Coastal Salmon Fund Budget Authority	67,000	67	(32,000)	35,000	(32,000)
Pacific Coastal Salmon Fund Appropriation	67,000	0	(32,000)	35,000	(32,000)
<b>Subtotal, NMFS Oth Disc Direct Obligation</b>	<b>67,235</b>	<b>250</b>	<b>(32,000)</b>	<b>35,418</b>	<b>(31,817)</b>
<b>Subtotal, NMFS Oth Disc Budget Authority</b>	<b>(9,765)</b>	<b>(2,168)</b>	<b>(32,000)</b>	<b>(44,000)</b>	<b>(34,235)</b>
<b>Subtotal, NMFS Oth Disc Appropriation</b>	<b>67,000</b>	<b>0</b>	<b>(32,000)</b>	<b>35,000</b>	<b>(32,000)</b>
<b><u>OMAO</u></b>					
Medicare Eligible Retiree Healthcare Fund Acct Obligations	1,802	132	0	1,934	132
Medicare Eligible Retiree Healthcare Fund Acct Budget Authority	1,802	132	0	1,934	132
Medicare Eligible Retiree Healthcare Fund Acct Appropriations	1,802	132	0	1,934	132
<b>Subtotal, OMAO Oth Disc Direct Obligations</b>	<b>1,802</b>	<b>132</b>	<b>0</b>	<b>1,934</b>	<b>132</b>
<b>Subtotal, OMAO Oth Disc Budget Authority</b>	<b>1,802</b>	<b>132</b>	<b>0</b>	<b>1,934</b>	<b>132</b>
<b>Subtotal, OMAO Oth Disc Appropriation</b>	<b>1,802</b>	<b>132</b>	<b>0</b>	<b>1,934</b>	<b>132</b>
<b>TOTAL, OTHER DISC DIRECT OBLIGATIONS</b>	<b>69,037</b>	<b>382</b>	<b>(32,000)</b>	<b>37,352</b>	<b>(31,685)</b>
<b>TOTAL, OTHER DISC BUDGET AUTHORITY</b>	<b>(7,963)</b>	<b>(2,036)</b>	<b>(32,000)</b>	<b>(42,066)</b>	<b>(34,103)</b>
<b>TOTAL, OTHER DISC APPROPRIATION</b>	<b>71,802</b>	<b>132</b>	<b>(32,000)</b>	<b>39,934</b>	<b>(31,868)</b>

**SUMMARY OF DISCRETIONARY RESOURCES**  
(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN	FY 2008 ENACTED	Total	Program	FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount	ATBs	Changes	Amount	
<b><u>Discretionary Direct Obligations</u></b>					
ORF Direct Obligations	2,941,042	38,756	163,756	2,924,253	(17,835)
PAC Direct Obligations	979,207	2,092	311,860	1,240,660	261,453
OTHER Direct Obligations	69,037	382	(32,000)	37,352	(31,685)
<b>TOTAL Discretionary Direct Obligations</b>	<b>3,989,286</b>	<b>41,230</b>	<b>443,616</b>	<b>4,202,265</b>	<b>211,933</b>
<b><u>Discretionary Budget Authority</u></b>					
ORF Budget Authority	2,930,934	37,864	163,756	2,913,253	(18,727)
PAC Budget Authority	972,943	6,356	311,860	1,238,660	265,717
OTHER Budget Authority	(7,963)	(2,036)	(32,000)	(42,066)	(34,103)
<b>TOTAL Discretionary Budget Authority</b>	<b>3,895,914</b>	<b>42,184</b>	<b>443,616</b>	<b>4,109,847</b>	<b>212,887</b>
<b><u>Discretionary Appropriations</u></b>					
ORF Appropriations	2,856,277	31,567	163,756	2,831,253	(26,070)
PAC Appropriations	979,207	(887)	311,860	1,238,660	259,453
OTHER Appropriations	71,802	132	(32,000)	39,934	(31,868)
<b>TOTAL Discretionary Appropriation</b>	<b>3,907,286</b>	<b>30,812</b>	<b>443,616</b>	<b>4,109,847</b>	<b>201,515</b>

**NOAA SUMMARY**  
(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN	FY 2008 ENACTED	Total	Program	FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount	ATBs	Changes	Amount	
<b>TOTAL Direct Obligations (Discretion &amp; Mand)</b>	4,075,492	40,979	443,616	4,260,831	185,339
<b>TOTAL Budget Authority (Discretion &amp; Mand)</b>	4,045,020	43,933	443,616	4,233,313	188,293
<b>TOTAL Appropriation (Discretion &amp; Mand)</b>	3,969,298	32,561	443,616	4,146,219	176,921
<b>TOTAL REIMBURSABLE FINANCING</b>	242,444	0	0	242,000	(117,913)
<b>TOTAL OBLIGATIONS (Direct &amp; Reimbursable)</b>	<b>4,317,936</b>	<b>40,979</b>	<b>443,616</b>	<b>4,502,831</b>	<b>67,426</b>

**OTHER ACCOUNTS (MANDATORY)**

(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN	FY 2008 ENACTED	Total ATBs	Program Changes	FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount			Amount	
<b>NOS</b>					
Coastal Zone Management Fund Obligations	0	0	0	0	0
Coastal Zone Management Fund Budget Authority	(1,500)	0	0	(1,500)	0
Coastal Zone Management Fund Appropriation	(3,000)	0	0	(3,000)	0
Damage Assessment & Restoration Revolving Fund Obligation:	11,600	0	0	11,600	0
Damage Assessment & Restoration Revolving Fund Budget Authority	1,000	0	0	1,000	0
Damage Assessment & Restoration Revolving Fund Appropriation	0	0	0	0	0
<b>Subtotal, NOS Oth Mand Direct Obligations</b>	<b>11,600</b>	<b>0</b>	<b>0</b>	<b>11,600</b>	<b>0</b>
<b>Subtotal, NOS Oth Mand Budget Authority</b>	<b>(500)</b>	<b>0</b>	<b>0</b>	<b>(500)</b>	<b>0</b>
<b>Subtotal, NOS Oth Mand Appropriation</b>	<b>(3,000)</b>	<b>0</b>	<b>0</b>	<b>(3,000)</b>	<b>0</b>
<b>NMFS</b>					
Promote and Develop Fisheries Obligations	7,594	(2,000)	0	5,594	(2,000)
Promote and Develop Fisheries Budget Authority	84,594	0	0	84,594	0
Promote and Develop Fisheries Appropriation	0	0	0	0	0
Fisheries Finance Program Account Obligation:	27,389	0		0	(27,389)
Fisheries Finance Program Account Budget Authority	27,389	0		0	(27,389)
Fisheries Finance Program Account Appropriation	27,389	0		0	(27,389)
Federal Ship Financing Obligation:	1,000	0	0	1,000	0
Federal Ship Financing Budget Authority	(1,000)	0	0	(1,000)	0
Federal Ship Financing Appropriation	(1,000)	0	0	(1,000)	0
Environmental Improve & Restoration Fund Obligation:	8,060	596	0	8,656	596
Environmental Improve & Restoration Fund Budget Authority	8,060	596	0	8,656	596
Environmental Improve & Restoration Fund Appropriation	8,060	596	0	8,656	596
Limited Access System Administration Fund Obligation	7,444	0	0	7,444	0
Limited Access System Administration Fund Budget Authority	7,444	0	0	7,444	0
Limited Access System Administration Fund Appropriation	7,444	0	0	7,444	0
<b>Subtotal, NMFS Oth Mand Direct Obligations</b>	<b>51,487</b>	<b>(1,404)</b>	<b>0</b>	<b>22,694</b>	<b>(28,793)</b>
<b>Subtotal, NMFS Oth Mand Budget Authority</b>	<b>126,487</b>	<b>596</b>	<b>0</b>	<b>99,694</b>	<b>(26,793)</b>
<b>Subtotal, NMFS Oth Mand Appropriation</b>	<b>41,893</b>	<b>596</b>	<b>0</b>	<b>15,100</b>	<b>(26,793)</b>
<b>OMAO</b>					
NOAA Corp Commissioned Officers Retirement Obligation:	23,119	1,153	0	24,272	1,153
NOAA Corp Commissioned Officers Retirement Budget Authority	23,119	1,153	0	24,272	1,153
NOAA Corp Commissioned Officers Retirement Budget Appropriation	23,119	1,153	0	24,272	1,153
<b>Subtotal, OMAO Oth Mand Direct Obligations</b>	<b>23,119</b>	<b>1,153</b>	<b>0</b>	<b>24,272</b>	<b>1,153</b>
<b>Subtotal, OMAO Oth Mand Budget Authority</b>	<b>23,119</b>	<b>1,153</b>	<b>0</b>	<b>24,272</b>	<b>1,153</b>
<b>Subtotal, OMAO Oth Mand Appropriation</b>	<b>23,119</b>	<b>1,153</b>	<b>0</b>	<b>24,272</b>	<b>1,153</b>
<b>TOTAL, OTH MAND DIRECT OBLIGATIONS</b>	<b>86,206</b>	<b>(251)</b>	<b>0</b>	<b>58,566</b>	<b>(27,640)</b>
<b>TOTAL, OTH MAND BUDGET AUTHORITY</b>	<b>149,106</b>	<b>1,749</b>	<b>0</b>	<b>123,466</b>	<b>(25,640)</b>
<b>TOTAL, OTH MAND APPROPRIATION</b>	<b>62,012</b>	<b>1,749</b>	<b>0</b>	<b>36,372</b>	<b>(25,640)</b>



**LINE OFFICE SUMMARY**  
(\$ in Thousands)

FY 08 PROPOSED OPERATING PLAN	FY 2008 ENACTED	Total ATBs	Program Changes	FY 2009 President's Budget	FY 2009 Request vs FY 2008 Enacted
	Amount			Amount	
<b>National Ocean Service</b>					
ORF	467,930	4,886	42,347	449,252	(18,678)
PAC	56,599	(273)	7,135	27,385	(29,214)
OTHER	11,600	0	0	11,600	0
<b>TOTAL, NOS</b>	<b>536,129</b>	<b>4,613</b>	<b>49,482</b>	<b>488,237</b>	<b>(47,892)</b>
<b>National Marine Fisheries Service</b>					
ORF	708,340	11,299	66,318	724,211	15,871
PAC	2,021	0	0	0	(2,021)
OTHER	118,722	(1,154)	(32,000)	58,112	(60,610)
<b>TOTAL, NMFS</b>	<b>829,083</b>	<b>10,145</b>	<b>34,318</b>	<b>782,323</b>	<b>(46,760)</b>
<b>Oceanic and Atmospheric Research</b>					
ORF	387,942	8,904	9,794	372,270	(15,672)
PAC	10,131	10	248	10,379	248
OTHER	0	0	0	0	0
<b>TOTAL, OAR</b>	<b>398,073</b>	<b>8,914</b>	<b>10,042</b>	<b>382,649</b>	<b>(15,424)</b>
<b>National Weather Service</b>					
ORF	805,294	7,261	21,583	818,833	13,539
PAC	106,112	2,579	15,582	111,858	5,746
OTHER	0	0	0	0	0
<b>TOTAL, NWS</b>	<b>911,406</b>	<b>9,840</b>	<b>37,165</b>	<b>930,691</b>	<b>19,285</b>
<b>NESDIS</b>					
ORF	179,154	3,639	8,395	165,292	(13,862)
PAC	775,922	(251)	217,692	992,588	216,666
OTHER	0	0	0	0	0
<b>TOTAL, NESDIS</b>	<b>955,076</b>	<b>3,388</b>	<b>226,087</b>	<b>1,157,880</b>	<b>202,804</b>
<b>Program Support/Corp Srv, Edu, Fac</b>					
ORF	240,541	921	8,325	233,866	(6,675)
PAC	23,163	23	64,022	86,950	63,787
OTHER	0	0	0	0	0
<b>TOTAL, PS/Corp Srv, Edu, Fac</b>	<b>263,704</b>	<b>944</b>	<b>72,347</b>	<b>320,816</b>	<b>57,112</b>
<b>Program Support/OMAO</b>					
ORF	151,841	1,846	6,994	160,529	8,688
PAC	5,259	4	7,181	11,500	6,241
OTHER	24,921	1,285	0	26,206	1,285
<b>TOTAL, PS/OMAO</b>	<b>182,021</b>	<b>3,135</b>	<b>14,175</b>	<b>198,235</b>	<b>16,214</b>
Total PS ORF	392,382	2,767	15,319	394,395	2,013
Total PS PAC	28,422	27	71,203	98,450	70,028
Total PS Other	24,921	1,285	0	26,206	1,285
<b>TOTAL, PS</b>	<b>445,725</b>	<b>4,079</b>	<b>86,522</b>	<b>519,051</b>	<b>73,326</b>
<b>DIRECT OBLIGATIONS</b>					
ORF	2,941,042	38,756	163,756	2,924,253	(16,789)
PAC	979,207	2,092	311,860	1,240,660	261,453
OTHER	155,243	131	(32,000)	95,918	(59,325)
<b>TOTAL, DIRECT OBLIGATIONS</b>	<b>4,075,492</b>	<b>40,979</b>	<b>443,616</b>	<b>4,260,831</b>	<b>185,339</b>
<b>ORF Adjustments (Deobligations / Rescissions)</b>	(10,108)	(892)	0	(11,000)	(892)
<b>ORF Transfers</b>	(75,703)	(6,297)	0	(82,000)	(7,343)
<b>PAC Adjustments (Deobligations / Rescissions)</b>	(6,264)	4,264	0	(2,000)	4,264
<b>PAC Transfers</b>	7,243	(7,243)	0	0	(6,264)
<b>OTHER Discretionary Adjustments</b>	2,832	(250)	0	2,582	(183)
<b>Mandatory Accounts Excluded</b>	(86,206)	251	0	(85,955)	27,640
<b>TOTAL, DISCRETIONARY APPROPRIATIONS</b>	<b>3,907,286</b>	<b>30,812</b>	<b>443,616</b>	<b>4,109,847</b>	<b>202,561</b>





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[www.noaa.gov](http://www.noaa.gov)**

**National Ocean Service  
[www.nos.noaa.gov](http://www.nos.noaa.gov)**

**National Marine Fisheries Service  
[www.nmfs.noaa.gov](http://www.nmfs.noaa.gov)**

**Office of Oceanic and Atmospheric Research  
[www.oar.noaa.gov](http://www.oar.noaa.gov)**

**National Weather Service  
[www.nws.noaa.gov](http://www.nws.noaa.gov)**

**National Environmental Satellite, Data and Information  
Service  
[www.nesdis.noaa.gov](http://www.nesdis.noaa.gov)**

**Office of Marine and Aviation Operations  
[www.omaop.noaa.gov](http://www.omaop.noaa.gov)**