



# CHAPTER 7

NOAA Special Exhibits

Divers Benjamin Cowie-Haskell and Deborah Marx diving to the coal schooner shipwreck *Paul Palmer*, Stellwagen Bank National Marine Sanctuary Massachusetts





## TERMINOLOGY

The reader should be aware of the specific meaning of several terms as they are used throughout this budget summary:

**“FY 2009 Enacted”**

Fiscal Year (FY) 2009 Appropriations (P.L. 111-8), not including American Recovery & Reinvestment Act (ARRA) Supplemental Funds (P.L. 111-5)

**“FY 2010 Enacted”**

Fiscal Year (FY) 2010 Appropriations (P.L. 111-117)

**“Terminations”**

Reductions to the enacted level for Congressionally directed projects and/or additional funding provided over the requested amount

**“Adjustments-to-Base”**

The estimated FY 2011 Federal Pay raise of 1.4% and the annualized FY2010 pay raise of 2.4%. Program totals will provide inflationary increases for non-labor activities, including service contracts, utilities, field office lease payments, and rent charges from GSA. In addition, ATBs include unique/technical adjustments to the base program, for example transfers of base resources between budget lines

**“FY 2011 Base”**

Fiscal year (FY) 2010 Enacted, less Terminations, plus Adjustments-To-Base

**“Program Change”**

The increase/decrease over the FY 2011 base, which is the FY 2010 Enacted minus Terminations, plus Adjustments-to-Base

**“FY 2011 Request”**

Fiscal Year (FY) 2010 Enacted, less Terminations, plus Adjustments-to-Base, and Program Changes



## SUMMARY BY APPROPRIATION

*Dollars in thousands*

APPROPRIATION	2009 ACTUAL	2010 ESTIMATE	2011 ESTIMATE	INCREASE (DECREASE)
Operations, Research & Facilities (ORF)	\$3,045,549	\$3,305,178	\$3,303,081	(\$2,097)
ORF Recovery Act	230,000	0	0	0
Procurement, Acquisition & Construction (PAC)	1,243,647	1,358,353	2,184,091	825,738
PAC Recovery Act	600,000	0	0	0
Coastal Zone Management Fund	3,000	3,000	0	(3,000)
Fishermen's Contingency Fund	0	0	350	350
Fisheries Finance Program Account	0	0	0	0
Pacific Coastal Salmon Recovery	80,000	80,000	65,000	(15,000)
Medicare-Eligible Retiree Healthcare Fund	1,674	1,822	1,936	114
<b>TOTAL APPROPRIATION</b>	<b>5,203,870</b>	<b>4,748,353</b>	<b>5,554,458</b>	<b>806,105</b>
<b>Transfers:</b>				
<b>Operations, Research &amp; Facilities</b>				
<b>FROM:</b> Promote & Develop Fishery Products	79,000	104,600	104,600	0
Coastal Zone Management Fund	3,000	3,000	0	(3,000)
Pacific Coastal Salmon Recovery	80	0	0	0
Procurement, Acquisition & Construction	1,844	0	0	0
Fisheries Finance Program Account	495	0	0	0
Department of Agriculture	0	0	0	0
<b>TO:</b> Fisheries Finance Program Account	0	0	0	0
<b>Subtotal, ORF</b>	<b>84,419</b>	<b>107,600</b>	<b>104,600</b>	<b>(3,000)</b>
<b>Coastal Zone Management Fund</b>				
<b>TO:</b> ORF	(3,000)	(3,000)	0	3,000
<b>Pacific Coastal Salmon Recovery</b>				
<b>TO:</b> Fisheries Finance Program Account	(80)	0	0	0
<b>Procurement, Acquisition &amp; Construction (PAC)</b>				
<b>TO:</b> ORF	(1,844)	0	0	0
<b>Fisheries Finance Program Account (FFPA)</b>				
<b>FROM:</b> ORF	0	0	0	0
<b>TO:</b> ORF	(495)	0	0	0
<b>Promote &amp; Develop American Fishery Products (P&amp;D)</b>				
<b>TO:</b> ORF	(79,000)	(104,600)	(104,600)	0
<b>FROM:</b> Department of Agriculture (mandatory funds)	108,511	113,371	113,371	0
<b>Subtotal, P&amp;D</b>	<b>29,511</b>	<b>8,771</b>	<b>8,771</b>	<b>0</b>
<b>TOTAL TRANSFERS</b>	<b>108,511</b>	<b>113,371</b>	<b>113,371</b>	<b>0</b>



## SUMMARY BY APPROPRIATION

*Dollars in thousands*

APPROPRIATION	2009 ACTUAL	2010 ESTIMATE	2011 ESTIMATE	INCREASE (DECREASE)
Unobligated balances, rescission				
Operations, Research & Facilities (ORF)	0	0	(350)	(350)
Procurement, Acquisition & Construction (PAC)	0	0	0	0
<b>TOTAL UNOBLIGATED BALANCES, RESCISSION</b>	<b>0</b>	<b>0</b>	<b>(350)</b>	<b>(350)</b>

MANDATORY ACCOUNTS	2009 ACTUAL	2010 ESTIMATE	2011 ESTIMATE	INCREASE (DECREASE)
Damage Assessment & Restoration Revolving Fund	\$2,585	\$3,000	\$3,000	\$0
Fisheries Finance Program Account	1,996	5,777	0	(5,777)
Environmental Improvement & Restoration Fund	9,641	506	3,039	2,533
CZMF mandatory offsetting collections	(887)	(1,500)	(1,500)	0
Federal Ship Financing Fund	(144)	(740)	0	740
NOAA Corps Retirement Pay	24,272	26,116	28,269	2,153
Western Pacific Sustainable Fisheries	650	0	0	0
Limited Access System Administration Fund	6,271	7,444	7,444	0
<b>TOTAL BUDGET AUTHORITY</b>	<b>5,356,765</b>	<b>4,902,327</b>	<b>5,707,731</b>	<b>805,404</b>
<b>Mandatory Funds</b>	<b>152,895</b>	<b>153,974</b>	<b>153,623</b>	<b>(351)</b>

DISCRETIONARY BUDGET AUTHORITY	2008 ACTUAL	2009 OMNIBUS	2010 REQUEST	INCREASE (DECREASE)
Operations, Research & Facilities (ORF)	3,359,968	3,412,778	3,407,681	(5,097)
P&D Transfer	(79,000)	(104,600)	(104,600)	0
Procurement, Acquisition & Construction (PAC)	1,841,803	1,358,353	2,184,091	825,738
Medicare-Eligible Retiree Healthcare Fund	1,674	1,822	1,936	114
Fishermen's Contingency Fund	0	0	350	350
Foreign Fishing Observer Fund	0	0	(350)	(350)
Fisheries Finance Program Account	(495)	0	0	0
Coastal Zone Management	0	0	0	0
Pacific Coastal Salmon Recovery	79,920	80,000	65,000	(15,000)
<b>TOTAL DISCRETIONARY BUDGET AUTHORITY</b>	<b>4,157,914</b>	<b>5,203,870</b>	<b>4,483,750</b>	<b>(720,120)</b>

DISCRETIONARY BUDGET AUTHORITY	2008 ACTUAL	2009 OMNIBUS	2010 REQUEST	INCREASE (DECREASE)
Fisheries Finance Negative Subsidy Receipt Account	(1,626)	(6,929)	(8,001)	(1,072)
Adjustment to reflect reestimates				0
<b>TOTAL, NEGATIVE SUBSIDY</b>	<b>(1,626)</b>	<b>(6,929)</b>	<b>(8,001)</b>	<b>(1,072)</b>



**ADJUSTMENTS TO CURRENT PROGRAMS  
(ADJUSTMENTS TO BASE) – REQUESTED \$54,777,000**

Adjustments to Base (ATBs) are defined as increases or decreases to specific object classes that: represent the same level of effort as the current budget year, are outside of the agency management’s control, are supported by specific documentation, & are a known cost (or fixed cost of doing business).

NOAA has requested the following increases for labor-related & non-labor ATBs:

<b>ORF &amp; PAC</b>	<b>SALARY &amp; BENEFITS</b>	<b>OTHER OBJECT CLASSES</b>	<b>TOTAL</b>
NOS	3.6	1.2	4.8
NMFS	11.7	1.7	13.4
OAR	2.3	2.2	4.5
NWS	12.9	1.7	15.0
NESDIS	1.7	663	2.4
PS	3.7	4.7	8.3
OMAO	1.9	5.0	6.8
<b>Total Discretionary- ATBs (Budget Authority)</b>	<b>38.0</b>	<b>17.0</b>	<b>55.0</b>
<b>Other Accounts (Mandatory Accounts)</b>			
NOAA Corp Retirement	2.3	N/A	2.3
Environmental Improvement & Restoration Fund	N/A	2.5	2.5
<b>Total Appropriated ATBs</b>	<b>40.0</b>	<b>20.0</b>	<b>60.0</b>

These increases for ATBs will help fund the agency’s overall anticipated adjustments to the current programs. Program totals will fund the FY2011 Federal pay raise of 1.4 percent & annualize the FY2010 pay raise of 2.4 percent. In addition, program totals will also fund inflationary increase for non-labor activities, including service contracts, utilities, field office lease payments, & rent charges from the General Services Administration.



NATIONAL OCEAN SERVICE (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>Navigation Services</b>					
<b>Mapping &amp; Charting</b>					
Mapping & Charting Base	49,487	1,113	0	49,850	363
Hydrographic Research & Technology Development	7,424	0	0	7,424	0
Electronic Navigational Charts	6,128	0	0	6,128	0
Shoreline Mapping	2,424	0	0	2,424	0
Address Survey Backlog/Contracts	31,173	0	0	31,173	0
California Seafloor Mapping, CA	300	0	0	0	(300)
Extended Continental Shelf Mapping, AK	300	0	0	0	(300)
<b>Subtotal, Mapping &amp; Charting</b>	<b>97,236</b>	<b>1,113</b>	<b>0</b>	<b>96,999</b>	<b>(237)</b>
<b>Geodesy</b>					
Geodesy Base	26,417	478	0	26,895	478
National Height Modernization	2,541	0	0	2,541	0
Geodesy/Height Modernization - IL	800	0	0	0	(800)
Regional Geospatial Modeling Grants	5,500	0	0	0	(5,500)
Louisiana Geodetic Spatial Reference Center, LA	700	0	0	0	(700)
Wisconsin Height Modernization Program, WI	1,000	0	0	0	(1,000)
Texas Height Modernization	300	0	0	0	(300)
<b>Subtotal, Geodesy</b>	<b>37,258</b>	<b>478</b>	<b>0</b>	<b>29,436</b>	<b>(7,822)</b>
<b>Tide &amp; Current Data</b>					
Tide & Current Data Base	33,078	437	0	29,715	(3,363)
Coastal Tidal Gauges	600	0	0	0	(600)
<b>Subtotal, Tide &amp; Current Data</b>	<b>33,678</b>	<b>437</b>	<b>0</b>	<b>29,715</b>	<b>(3,963)</b>
<b>Total, Navigation Services</b>	<b>168,172</b>	<b>2,028</b>	<b>0</b>	<b>156,150</b>	<b>(12,022)</b>



NATIONAL OCEAN SERVICE (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>Ocean Resources Conservation &amp; Assessment</b>					
<b>Ocean Assessment Program (OAP)</b>					
Coastal & Marine Spatial Planning	0	0	6,770	6,770	6,770
Ocean Research Priorities Plan Implementation	6,000	(6,000)	0	0	(6,000)
IOOS Regional Observations	27,000	0	0	14,555	(12,445)
NOAA IOOS	6,555	75	0	6,630	75
Gulf of Mexico Regional Collaboration	4,750	0	(4,750)	0	(4,750)
Alliance for Coastal Technologies	500	0	0	0	(500)
Coastal Storms	2,800	0	74	2,874	74
Coastal Services Center (CSC)	26,643	3,352	6,000	29,995	3,352
Hawaii Coral Reef Initiative	1,000	0	0	0	(1,000)
Florida Coral Reef	200	0	0	0	(200)
Coral Reef - Puerto Rico	100	0	0	0	(100)
Coral Reef Program	29,000	132	0	26,859	(2,141)
Ocean Health Initiative	4,000	0	0	1,000	(3,000)
The Resilient Coastal Urban Community & Ecosystem (RESCUE) Initiative	250	0	0	0	(250)
Northeast Coastal Monitoring Collaborative	550	0	0	0	(550)
Aquarius Reef Base Program	150	0	0	0	(150)
West Coast Governor's Agreement on Ocean Health	500	0	0	0	(500)
International Pacific Research Center	1,500	0	0	0	(1,500)
Engineering Feasibility Study, Dauphin Island, AL	1,500	0	0	0	(1,500)
<b>Subtotal, Ocean Assessment Program (OAP)</b>	<b>112,998</b>	<b>(2,441)</b>	<b>8,094</b>	<b>88,683</b>	<b>(24,315)</b>
<b>Response &amp; Restoration</b>					
Response & Restoration Base	10,834	384	0	19,518	8,684
Damage Assessment Program	9,300	0	0	0	(9,300)
Estuary Restoration Program	3,000	0	0	1,188	(1,812)
Marine Debris	4,000	0	0	4,000	0
Eastern Kentucky PRIDE, Inc	1,000	0	0	0	(1,000)
<b>Subtotal, Response &amp; Restoration</b>	<b>28,134</b>	<b>384</b>	<b>0</b>	<b>24,706</b>	<b>(3,428)</b>



NATIONAL OCEAN SERVICE (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>National Centers for Coastal Ocean Science (NCCOS)</b>					
National Centers for Coastal Ocean Science (NCCOS)		36,980		36,980	36,980
Competitive Research	16,000	3,000	9,500	28,301	12,301
Center for Coastal Environ Health & Bimolecular Research	11,300	(10,558)	0	0	(11,300)
Oxford, MD	4,500	(3,835)	0	0	(4,500)
Center for Coastal Fisheries Habitat Research	5,000	(4,537)	0	0	(5,000)
Center for Coastal Monitoring & Assessment	7,000	(7,473)	0	0	(7,000)
Center for Sponsored Coastal Ocean Research	2,700	(2,732)	0	0	(2,700)
NCCOS Headquarters	4,000	(3,387)	0	0	(4,000)
Center for Human Health Risk (Marine Env Health Research Lab - MEHRL)	4,000	(3,666)	0	0	(4,000)
Western Pacific Coral Reef Ecosystems Studies Program (CSCOR-NCCOS), Guam	300	0	0	0	(300)
<b>Subtotal, NCCOS</b>	<b>54,800</b>	<b>3,792</b>	<b>9,500</b>	<b>65,281</b>	<b>10,481</b>
<b>Total, Ocean Resources Conservation. &amp; Assessment</b>	<b>195,932</b>	<b>1,735</b>	<b>17,594</b>	<b>178,670</b>	<b>(17,262)</b>

### Ocean & Coastal Management

#### Coastal Management

CZM Grants	68,146	0	0	66,146	(2,000)
CZM & Stewardship	8,500	285	0	8,785	285
Regional Ocean Partnership Grants	0	0	20,000	20,000	20,000
National Estuarine Research Reserve System - NERRS	23,500	0	0	22,326	(1,174)
Marine Protected Areas	3,000	0	0	2,128	(872)
Energy Licensing & Appeals	1,900	0	(1,150)	750	(1,150)
<b>Subtotal, Coastal Management</b>	<b>105,046</b>	<b>285</b>	<b>18,850</b>	<b>120,135</b>	<b>15,089</b>



NATIONAL OCEAN SERVICE (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>Ocean Management</b>					
<b>Marine Sanctuary Program</b>					
Marine Sanctuary Program Base (Nancy Foster Scholarship 1% of base)	49,000	704	0	45,653	(3,347)
Northwest Straits Citizens Advisory Commission	1,600	0	0	0	(1,600)
Hawaii Inst. Of Marine Biology Coral Research, HI	2,250	0	0	0	(2,250)
Mariana Islands Sanctuary Scoping & Outreach	220	0	0	0	(220)
<b>Subtotal, Ocean Management</b>	<b>53,070</b>	<b>704</b>	<b>0</b>	<b>45,653</b>	<b>(7,417)</b>
<b>Total, Ocean &amp; Coastal Management</b>	<b>158,116</b>	<b>989</b>	<b>18,850</b>	<b>165,788</b>	<b>7,672</b>
<b>Total, National Ocean Service - ORF</b>	<b>522,220</b>	<b>4,752</b>	<b>36,444</b>	<b>500,608</b>	<b>(21,612)</b>
<b>Other National Ocean Service Accounts</b>					
Total, National Ocean Service - PAC	40,890	0	10,000	34,385	(6,505)
Total, National Ocean Service - Other	15,600	0	0	15,600	0
<b>GRAND TOTAL NOS</b>	<b>578,710</b>	<b>4,752</b>	<b>46,444</b>	<b>550,593</b>	<b>(28,117)</b>



NATIONAL MARINE FISHERIES SERVICE (\$ IN THOUSANDS)						
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED	
<b>Protected Species Research &amp; Management</b>						
Protected Species Research & Management	39,850	965	3,000	43,815	3,965	
Species Recovery Grants	15,623	170	9,636	20,793	5,170	
Marine Mammals	49,653	876	0	48,227	(1,426)	
Marine Turtles	14,576	224	0	10,452	(4,124)	
Other Protected Species (Marine Fish, Plants, & Invertebrates)	8,375	112	0	8,487	112	
Atlantic Salmon	8,500	60	(500)	8,060	(440)	
Pacific Salmon (for Salmon Mgt Activities, see Fisheries Research & Mgt)	65,000	1,749	3,668	70,417	5,417	
Alaska Sea Otter & Steller Sea Lion Commission, AK	300	0	0	0	(300)	
Hawaiian Monk Seals, HI	275	0	0	0	(275)	
Emergency Response & Health Investigations for Endangered/Threatened Pinniped in Pacific	300	0	0	0	(300)	
Center for Marine Education & Research Ocean Expo-Learning Center	1,000	0	0	0	(1,000)	
Marine Mammal Research, AK	500	0	0	0	(500)	
<b>Subtotal, Protected Species Research &amp; Management</b>	<b>203,952</b>	<b>4,156</b>	<b>15,804</b>	<b>210,251</b>	<b>6,299</b>	
<b>Fisheries Research &amp; Management</b>						
Fisheries Research & Management Programs	190,883	(6,910)	0	183,223	(7,660)	
National Catch Share Program	0	17,402	36,600	54,002	54,002	
Expand Annual Stock Assessments - Improve Data Collection	50,995	730	0	51,725	730	
Economics & Social Sciences Research	10,744	218	0	10,962	218	
Salmon Management Activities	50,942	76	(5,400)	35,618	(15,324)	
Regional Councils & Fisheries Commissions	31,855	249	0	32,104	249	
Fisheries Statistics	21,068	337	0	21,405	337	
Fish Information Networks	22,066	81	0	22,147	81	
Survey & Monitoring Projects	23,759	393	0	24,152	393	
Fisheries Oceanography	1,999	79	5,400	7,478	5,479	
American Fisheries Act	5,503	99	0	5,602	99	
Interjurisdictional Fisheries Grants	2,574	2	0	2,576	2	



NATIONAL MARINE FISHERIES SERVICE (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
National Standard 8	1,060	19	0	1,079	19
Reduce Fishing Impacts on Essential Fish Habitat (EFH)	529	9	0	538	9
Reducing Bycatch	3,398	44	0	3,442	44
Product Quality & Safety	7,342	181	0	7,523	181
Oyster Hatchery Economic Pilot Program, Morgan State University, MD	200	0	0	0	(200)
Hawaii Seafood Safety & Inspections, HI	1,500	0	0	0	(1,500)
Scallop Fishery Assessment, MA	1,000	0	0	0	(1,000)
Maine Groundfish Industry Emergency Economic Assistance, ME	1,000	0	0	0	(1,000)
Disease Reduction in Klamath River Salmon, OR	600	0	0	0	(600)
Shrimp Industry Fishing Effort Research Continuation, MD	700	0	0	0	(700)
Virginia Trawl Survey, VA	300	0	0	0	(300)
Ecosystem Based Fisheries Management, AL	750	0	0	0	(750)
Hawaii Fisheries Development, HI	400	0	0	0	(400)
NH Commercial Fisherman Sustainability Initiative	825	0	0	0	(825)
Institute for Seafood Studies	325	0	0	0	(325)
Gulf of Mexico Recreational Fishery Electronic Logbook Pilot	50	0	0	0	(50)
Herring Monitoring Research	300	0	0	0	(300)
Turtle Protection Funding/Gulf of Mexico Grouper Fishery	250	0	0	0	(250)
<b>Subtotal, Fisheries Research &amp; Management</b>	<b>432,917</b>	<b>13,009</b>	<b>36,600</b>	<b>463,576</b>	<b>30,659</b>



NATIONAL MARINE FISHERIES SERVICE (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>Enforcement &amp; Observers/Training</b>					
Enforcement	65,673	1,454	0	66,527	854
Observers/Training	41,074	759	0	38,818	(2,256)
<b>Subtotal, Enforcement &amp; Observers/Training</b>	<b>106,747</b>	<b>2,213</b>	<b>0</b>	<b>105,345</b>	<b>(1,402)</b>
<b>Habitat Conservation &amp; Restoration</b>					
Sustainable Habitat Management	22,376	350	0	22,726	350
Fisheries Habitat Restoration (Community Based Restoration Program & Open Rivers)	27,967	181	10,364	32,192	4,225
Bronx River Restoration, NY	1,000	0	0	0	(1,000)
Chesapeake Bay Oyster Restoration, MD	3,000	0	0	0	(3,000)
Merrimack River Fish Habitat, NH	300	0	0	0	(300)
Natural Stream Restoration Program, WV	1,500	0	0	0	(1,500)
Pontchartrain Basin Restoration	250	0	0	0	(250)
Narragansett Bay Shellfish Restoration	500	0	0	0	(500)
Protected Species Habitat at Kure Atoll (HI)	100	0	0	0	(100)
Hawaii Marine Fund	1,000	0	0	0	(1,000)
Ecosystem Vitality Through Habitat Restoration	200	0	0	0	(200)
<b>Subtotal, Habitat Conservation &amp; Restoration</b>	<b>58,193</b>	<b>531</b>	<b>10,364</b>	<b>54,918</b>	<b>(3,275)</b>
<b>Other Activities Supporting Fisheries</b>					
Antarctic Research	2,718	39	0	2,757	39
Aquaculture	6,000	64	2,352	8,416	2,416
Climate Regimes & Ecosystem Productivity	4,811	(1,406)	0	3,405	(1,406)
Computer Hardware & Software	3,460	30	0	3,490	30
Cooperative Research	17,567	(5,901)	(4,565)	7,101	(10,466)
Information Analyses & Dissemination	19,905	451	0	20,356	451
Marine Resources Monitoring, Assessment & Prediction Program (MarMap)	842	0	0	842	0
National Environmental Policy Act (NEPA)	8,336	120	0	8,456	120
NMFS Facilities Maintenance	6,535	54	0	6,589	54
Southwest Fisheries Science Center	1,000	0	(1,000)	0	(1,000)
Regional Studies	7,206	69	5,000	12,275	5,069
Yukon River Drainage Association	100	0	0	0	(100)



<b>NATIONAL MARINE FISHERIES SERVICE (\$ IN THOUSANDS)</b>					
<b>FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, &amp; FACILITIES</b>	<b>FY 2010 ENACTED</b>	<b>FY 2011 ATBs</b>	<b>FY 2011 PROGRAM CHANGES</b>	<b>FY 2011 PRESIDENT'S BUDGET</b>	<b>FY 2011 PRES BUD VS. FY 2010 ENACTED</b>
New England Multi-Species Survey	3,000	0	0	0	(3,000)
Science Consortium for Ocean Replenishment at Mote Marine Lab	1,500	0	0	0	(1,500)
Maine Lobster Research	200	0	0	0	(200)
New England Fisheries Assistance	9,000	0	0	0	(9,000)
Consortium for Wildlife Bycatch Reduction MA & NH	1,250	0	0	0	(1,250)
Joint Institute for Marine & Atmospheric Research, HI	1,250	0	0	0	(1,250)
Continuation of Protected Species Bycatch Reduction Maine Groundline Exchange Program	550	0	0	0	(550)
Western & Central Pacific Fisheries Commission (WCPFC) Big Eye Tuna Quotas	3,000	0	0	0	(3,000)
Cooperative Research & Technical Assistance, RI	600	0	0	0	(600)
Emergency Plan to Save Oyster Production on the West Coast	500	0	0	0	(500)
US/Canada Yukon River Salmon Agreement Studies	500	0	0	0	(500)
Western Pacific Integrated Ecosystem Assessments	500	0	0	0	(500)
Partnership for Mid-Atlantic Fisheries Science (PMAFS) Fish Stock Improvement Initiative	1,000	0	0	0	(1,000)
Bering Sea Crab Management & Research	300	0	0	0	(300)
Metagenomic Analysis of Chesapeake Bay	100	0	0	0	(100)
Magnuson-Stevens: Marine Education & Training	1,000	0	0	0	(1,000)
<b>Subtotal, Other Activities Supporting Fisheries</b>	<b>102,730</b>	<b>(6,480)</b>	<b>1,787</b>	<b>73,687</b>	<b>(29,043)</b>
<b>Total, National Marine Fisheries Service - ORF</b>	<b>904,539</b>	<b>13,429</b>	<b>64,555</b>	<b>907,777</b>	<b>3,238</b>

**Other National Marine Fisheries Service Accounts**

Total, National Marine Fisheries Service - PAC	0	0	0	0	0
Total, National Marine Fisheries Service - Other	103,642	2,533	15,350	84,604	(19,038)
<b>GRAND TOTAL NMFS</b>	<b>1,008,181</b>	<b>15,962</b>	<b>79,905</b>	<b>992,381</b>	<b>(15,800)</b>



OFFICE OF OCEANIC & ATMOSPHERIC RESEARCH (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>Climate Research</b>					
Laboratories & Cooperative Institutes					
Laboratories & Cooperative Institutes	54,848	1,198	0	53,846	(1,002)
<b>Subtotal, Laboratories &amp; Cooperative Institutions</b>	<b>54,848</b>	<b>1,198</b>	<b>0</b>	<b>53,846</b>	<b>(1,002)</b>
Climate Data & Information					
Climate Data & Information	12,080	11	1,500	13,591	1,511
<b>Subtotal, Climate Data &amp; Information</b>	<b>12,080</b>	<b>11</b>	<b>1,500</b>	<b>13,591</b>	<b>1,511</b>
Competitive Research Program					
Competitive Research Program (incl. NIDIS)	144,199	(3,840)	32,800	173,159	28,960
Regional Climate Assessments	9,000	0	0	0	(9,000)
<b>Subtotal, Competitive Research Program</b>	<b>153,199</b>	<b>(3,840)</b>	<b>32,800</b>	<b>173,159</b>	<b>19,960</b>
Climate Operations					
Climate Operations	913	0	0	913	0
<b>Subtotal, Climate Operations</b>	<b>913</b>	<b>0</b>	<b>0</b>	<b>913</b>	<b>0</b>
Other Partnership Programs					
Climate System Research Center	495	0	0	0	(495)
Climate Change & Air Pollutant Impacts to New England's Rare Alpine Zone, NH	350	0	0	0	(350)
Integrating Climate Change into the Restoration of the Chesapeake Bay Watershed, MD	3,000	0	0	0	(3,000)
Development of Earth System Information, MD	150	0	0	0	(150)
Carbon Sequestration & Climate Change Models for NY State Forests	100	0	0	0	(100)
<b>Subtotal, Other Partnership Programs</b>	<b>4,095</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(4,095)</b>
<b>Total, Climate Research</b>	<b>225,135</b>	<b>(2,631)</b>	<b>34,300</b>	<b>241,509</b>	<b>16,374</b>



OFFICE OF OCEANIC & ATMOSPHERIC RESEARCH (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>Weather &amp; Air Quality Research</b>					
<b>Laboratories &amp; Cooperative Institutes</b>					
Laboratories & Cooperative Institutes	54,425	893	4,697	60,015	5,590
Nutrient & Mercury Speciation Measurement Stations	650	0	0	0	(650)
<b>Subtotal, Laboratories &amp; Cooperative Institutes</b>	<b>55,075</b>	<b>893</b>	<b>4,697</b>	<b>60,015</b>	<b>4,940</b>
<b>Weather &amp; Air Quality Research Programs</b>					
U.S. Weather Research Program (USWRP) (THORPEX)	5,500	15	0	5,515	15
Tornado Severe Storm Research / Phased Array Radar	3,972	50	6,000	10,022	6,050
<b>Subtotal, Weather &amp; Air Quality Research Programs</b>	<b>9,472</b>	<b>65</b>	<b>6,000</b>	<b>15,537</b>	<b>6,065</b>
<b>Other Partnership Programs</b>					
National Weather Radar Testbed Phased Array Radar, OK	2,000	0	0	0	(2,000)
Redstone UAS Development for Weather & Atmospheric Research, AL	300	0	0	0	(300)
AIRMAP at Univ. of New Hampshire, NH	500	0	0	0	(500)
Boise Center Aerospace Laboratory (BCAL) Watershed Modeling Utilizing LiDAR, ID	500	0	0	0	(500)
University of Tennessee - Atmospheric Science Research, TN	1,000	0	0	0	(1,000)
Southeastern Mercury Consortium, FL	500	0	0	0	(500)
Aviation & Hurricane Research Utilizing Unmanned Aerial Systems, FL	300	0	0	0	(300)
Observing, Modeling, & Visualizing Storm Surge Inundation, FL	100	0	0	0	(100)
New England Weather Technology & Research Initiative, NH	250	0	0	0	(250)
<b>Subtotal, Other Partnership Programs</b>	<b>5,450</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(5,450)</b>
<b>Total, Weather &amp; Air Quality Research</b>	<b>69,997</b>	<b>958</b>	<b>10,697</b>	<b>75,552</b>	<b>5,555</b>



OFFICE OF OCEANIC & ATMOSPHERIC RESEARCH (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>Ocean, Coastal, &amp; Great Lakes Research</b>					
Laboratories & Cooperative Institutes					
Laboratories & Cooperative Institutes	21,840	515	0	22,355	515
<b>Subtotal, Laboratories &amp; Cooperative Institutes</b>	<b>21,840</b>	<b>515</b>	<b>4,820</b>	<b>27,175</b>	<b>515</b>
<b>National Sea Grant College Program</b>					
National Sea Grant College Program Base	56,200	80	2,000	57,165	965
Aquatic Invasive Species Program	2,000	5	0	1,004	(996)
Marine Aquaculture Program	4,800	5	2,700	4,327	(473)
<b>Subtotal, National Sea Grant College Program</b>	<b>63,000</b>	<b>90</b>	<b>4,700</b>	<b>62,496</b>	<b>(504)</b>
<b>Ocean Exploration &amp; Research</b>					
Ocean Exploration & Research (NURP moved in FY08)		23	0	27,839	27,839
Ocean Exploration	21,816	0	0	0	(21,816)
National Undersea Research Program (NURP)	8,900	0	0	0	(8,900)
<b>Subtotal, Ocean Exploration &amp; Research</b>	<b>30,716</b>	<b>23</b>	<b>0</b>	<b>27,839</b>	<b>(2,877)</b>
<b>Other Ecosystems Programs</b>					
Integrated Ocean Acidification	0	5,500	6,100	11,600	11,600
<b>Subtotal, Other Ecosystems Programs</b>	<b>0</b>	<b>5,500</b>	<b>6,100</b>	<b>11,600</b>	<b>11,600</b>



<b>OFFICE OF OCEANIC &amp; ATMOSPHERIC RESEARCH (\$ IN THOUSANDS)</b>						
<b>FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, &amp; FACILITIES</b>	<b>FY 2010 ENACTED</b>	<b>FY 2011 ATBs</b>	<b>FY 2011 PROGRAM CHANGES</b>	<b>FY 2011 PRESIDENT'S BUDGET</b>	<b>FY 2011 PRES BUD VS. FY 2010 ENACTED</b>	
<b>Invasive Species &amp; Partnership Programs</b>						
National Institute of Undersea Science & Technology, MS	5,000	0	0	0	(5,000)	
National Sea Grant Law Center, MS	750	0	0	0	(750)	
NOAA Northern Gulf Institute	4,500	0	0	0	(4,500)	
Hyperspectral Remote Sensing & Science Based Management of Invasive Species <sup>1</sup>	500	0	0	0	(500)	
Marine Aquaculture Lab Operations, MS	3,700	0	0	0	(3,700)	
Lake Erie Hydrological & Climate Modeling, OH	100	0	0	0	(100)	
Monitoring of Lake Erie Water Quality with Remote Sensing, OH	500	0	0	0	(500)	
<b>Subtotal, Other Partnership Programs</b>	<b>15,050</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(15,050)</b>	
<b>Total, Ocean, Coastal, &amp; Great Lakes Research</b>	<b>130,606</b>	<b>6,128</b>	<b>15,620</b>	<b>124,290</b>	<b>(6,316)</b>	
<b>Info Tech, R&amp;D, &amp; Science Education</b>						
High Performance Computing Initiatives	13,028	49	53	13,130	102	
<b>Total, Info Tech, R&amp;D, &amp; Science Education</b>	<b>13,028</b>	<b>49</b>	<b>53</b>	<b>13,130</b>	<b>102</b>	
<b>Total, Office of Oceanic &amp; Atmospheric Research - ORF</b>	<b>438,766</b>	<b>4,504</b>	<b>55,850</b>	<b>454,481</b>	<b>15,715</b>	
<b>Other Office of Oceanic &amp; Atmospheric Research Accounts</b>						
Total, Office of Ocean & Atmospheric Research - PAC	10,379	0	0	10,379	0	
Total, Office of Oceanic & Atmospheric Research - Other	0	0	0	0	0	
<b>GRAND TOTAL OAR</b>	<b>449,145</b>	<b>4,504</b>	<b>55,850</b>	<b>464,860</b>	<b>15,715</b>	

<sup>1</sup> Detroit River International Wildlife Refuge, MI



NATIONAL WEATHER SERVICE (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>Operations &amp; Research</b>					
<b>Local Warnings &amp; Forecasts Base</b>					
Local Warnings & Forecasts Base	617,842	16,545	2,000	636,387	18,545
Air Quality Forecasting	5,445	0	0	5,445	0
Alaska Data Buoys	1,683	0	0	1,683	0
Sustain Cooperative Observer Network	1,871	0	0	1,871	0
Susquehanna River Basin Flood System	2,400	0	0	0	(2,400)
Upper Spring River Flood Warning System	125	0	0	0	(125)
NOAA Profiler Network	4,756	18	0	4,774	18
Pacific Island Compact	3,515	100	0	3,615	100
Strengthen U.S. Tsunami Warning Network	23,264	50	0	23,314	50
National Mesonet Network	19,000	0	0	0	(19,000)
<b>Subtotal, Local Warnings &amp; Forecasts</b>	<b>679,901</b>	<b>16,713</b>	<b>2,000</b>	<b>677,089</b>	<b>(2,812)</b>
<b>Advanced Hydrological Prediction Services</b>	6,037	0	0	6,037	0
<b>Aviation Weather</b>	11,363	177	15,136	26,676	15,313
<b>WFO Maintenance</b>	7,316	0	0	7,316	0
<b>Remote Infrasonic Monitoring of Natural Hazards, MS</b>	2,000	0	0	0	(2,000)
<b>Regional Ensembling Sys for Atmosph Dispersion, MS</b>	1,000	0	0	0	(1,000)
<b>Joint Center for Hurricane Research, FL</b>	500	0	0	0	(500)
<b>Weather Radio Transmitters</b>					
Weather Radio Transmitters Base	2,297	0	0	2,297	0
Delaware River Enhanced Flood Warning System	200	0	0	0	(200)
<b>Subtotal, Weather Radio Transmitters</b>	<b>2,497</b>	<b>0</b>	<b>0</b>	<b>2,297</b>	<b>(200)</b>
<b>Subtotal, Local Warnings &amp; Forecasts</b>	<b>710,614</b>	<b>16,890</b>	<b>17,136</b>	<b>719,415</b>	<b>8,801</b>
<b>Central Forecast Guidance</b>					
Central Forecast Guidance	79,525	967	0	80,492	967
<b>Subtotal, Central Forecast Guidance</b>	<b>79,525</b>	<b>967</b>	<b>0</b>	<b>80,492</b>	<b>967</b>
<b>Total, Operations &amp; Research</b>	<b>790,139</b>	<b>17,857</b>	<b>17,136</b>	<b>799,907</b>	<b>9,768</b>



<b>NATIONAL WEATHER SERVICE (\$ IN THOUSANDS)</b>					
<b>FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, &amp; FACILITIES</b>	<b>FY 2010 ENACTED</b>	<b>FY 2011 ATBs</b>	<b>FY 2011 PROGRAM CHANGES</b>	<b>FY 2011 PRESIDENT'S BUDGET</b>	<b>FY 2011 PRES BUD VS. FY 2010 ENACTED</b>
<b>Systems Operation &amp; Maintenance (O&amp;M)</b>					
NEXRAD	46,121	135	127	46,383	262
ASOS	11,000	58	202	11,260	260
AWIPS	39,346	54	0	39,400	54
NWSTG Backup - CIP	5,512	0	0	5,512	0
<b>Total, Systems Operation &amp; Maintenance</b>	<b>101,979</b>	<b>247</b>	<b>329</b>	<b>102,555</b>	<b>576</b>
<b>Total, National Weather Service - ORF</b>	<b>892,118</b>	<b>18,104</b>	<b>17,465</b>	<b>902,462</b>	<b>10,344</b>
<b>Other National Weather Service Accounts</b>					
Total, National Weather Service - PAC	107,727	(3,504)	10,508	100,731	(6,996)
Total, National Weather Service - Other	0	0	0	0	0
<b>GRAND TOTAL NWS</b>	<b>999,845</b>	<b>14,600</b>	<b>27,973</b>	<b>1,003,193</b>	<b>3,348</b>



NATIONAL ENVIRONMENTAL SATELLITE, DATA & INFORMATION SERVICE (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>Environmental Satellite Observing Systems</b>					
Satellite Command & Control	39,562	677	0	40,239	677
NSOF Operations	7,810	150	0	7,960	150
<b>Subtotal, Satellite Command &amp; Control</b>	<b>47,372</b>	<b>827</b>	<b>0</b>	<b>48,199</b>	<b>827</b>
<b>Product Processing &amp; Distribution</b>					
Product Processing & Distribution	32,698	434	3,108	36,240	3,542
<b>Subtotal, Product Processing &amp; Distribution</b>	<b>32,698</b>	<b>434</b>	<b>3,108</b>	<b>36,240</b>	<b>3,542</b>
<b>Product Development, Readiness &amp; Application</b>					
Product Development, Readiness & Application	20,671	284	0	20,955	284
Prod Devel, Read & App(Ocean Remote Sensing)	3,979	53	0	4,032	53
Joint Center/Accelerate Use of Satellites	3,320	45	0	3,365	45
<b>Subtotal, Product Development, Readiness &amp; Application</b>	<b>27,970</b>	<b>382</b>	<b>0</b>	<b>28,352</b>	<b>382</b>
<b>Interagency Global Positioning System Executive Board Secretarial</b>					
Commercial Remote Sensing Licensing & Enforcement	1,301	18	0	1,319	18
Office of Space Commercialization	649	9	0	658	9
Group on Earth Observations (GEO)	500	6	0	506	6
<b>Total, Environmental Satellite Observing Systems</b>	<b>110,490</b>	<b>1,676</b>	<b>3,108</b>	<b>115,274</b>	<b>4,784</b>



<b>NATIONAL ENVIRONMENTAL SATELLITE, DATA &amp; INFORMATION SERVICE</b>					
<b>(\$ IN THOUSANDS)</b>					
<b>FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, &amp; FACILITIES</b>	<b>FY 2010 ENACTED</b>	<b>FY 2011 ATBs</b>	<b>FY 2011 PROGRAM CHANGES</b>	<b>FY 2011 PRESIDENT'S BUDGET</b>	<b>FY 2011 PRES BUD VS. FY 2010 ENACTED</b>
<b>Data Centers &amp; Information Services</b>					
Archive, Access & Assessment	67,255	600	13,000	60,739	(6,516)
<b>Subtotal, Archive, Access &amp; Assessment</b>	<b>67,255</b>	<b>600</b>	<b>13,000</b>	<b>60,739</b>	<b>(6,516)</b>
Coastal Data Development	4,559	61	38	4,658	99
Regional Climate Centers	3,500	0	0	0	(3,500)
Environmental Data Systems Modernization	9,511	41	0	9,552	41
Integrated Environmental Applications & Information Center (IDEA)	3,000	0	0	0	(3,000)
NOAA Regional Climate Center Program	850	0	0	0	(850)
<b>Total, Data Centers &amp; Information Services</b>	<b>88,675</b>	<b>702</b>	<b>13,038</b>	<b>74,949</b>	<b>(13,726)</b>
<b>Total, NESDIS - ORF</b>	<b>199,165</b>	<b>2,378</b>	<b>16,146</b>	<b>190,223</b>	<b>(8,942)</b>
<b>Other NESDIS Accounts</b>					
Total, NESDIS - PAC	1,199,357	0	831,439	2,018,796	819,439
Total, NESDIS - Other	0	0	0	0	0
<b>GRAND TOTAL NESDIS</b>	<b>1,398,522</b>	<b>2,378</b>	<b>847,585</b>	<b>2,209,019</b>	<b>810,497</b>



PROGRAM SUPPORT (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>Corporate Services</b>					
Under Secretary & Associate Offices Base					
Under Secretary & Associate Offices Base	28,438	527	1,000	29,965	1,527
<b>Subtotal, Under Secretary &amp; Associate Offices</b>	<b>28,438</b>	<b>527</b>	<b>1,000</b>	<b>29,965</b>	<b>1,527</b>
<b>NOAA Wide Corporate Services &amp; Agency Management</b>					
NOAA Wide Corporate Services & Agency Management Base	115,561	2,943	11,198	129,702	14,141
DOC Accounting System (CBS)	10,171	208	0	10,379	208
Payment to the DOC Working Capital Fund	41,944	4,205	0	46,149	4,205
<b>Subtotal, NOAA Wide Corporate Services &amp; Agency Management</b>	<b>167,676</b>	<b>7,356</b>	<b>11,198</b>	<b>186,230</b>	<b>18,554</b>
Office of Chief Information Officer					
IT Security	9,089	40	4,700	6,829	(2,260)
<b>Subtotal, Office of Chief Information Officer</b>	<b>9,089</b>	<b>40</b>	<b>4,700</b>	<b>6,829</b>	<b>(2,260)</b>
<b>Total, Corporate Services</b>	<b>205,203</b>	<b>7,923</b>	<b>16,898</b>	<b>223,024</b>	<b>17,821</b>



PROGRAM SUPPORT (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>NOAA Education Program</b>					
Education Program/Initiative	2,000	(1,287)	0	0	(2,000)
JASON Education & Outreach	8,300	0	0	0	(8,300)
BWET California	2,500	0	0	0	(2,500)
BWET Regional Programs	7,200	0	0	0	(7,200)
Educ Partnership Prog/Minority Serving Institutions (EPPMSI)	14,323	(14,323)	0	0	(14,323)
Chesapeake Bay Interpretive Buoys	500	0	0	0	(500)
Narragansett Bay Marine Education (Save the Bay)	1,000	0	0	0	(1,000)
Training Next Generation Weather Forecasters - San Jose State University	180	0	0	0	(180)
Competitive Educational Grants & Programs	12,000	15,715	0	20,758	8,758
GLOBE	3,000	0	0	0	(3,000)
Hawaii Education Program, HI	1,750	0	0	0	(1,750)
Coastal Environmental Education Outreach	500	0	0	0	(500)
Chesapeake Bay Environmental Center	250	0	0	0	(250)
Great Lakes Water Project	250	0	0	0	(250)
<b>Total, NOAA Education Program</b>	<b>53,753</b>	<b>105</b>	<b>0</b>	<b>20,758</b>	<b>(32,995)</b>
<b>Facilities</b>					
NOAA Facilities Management & Construction & Safety	30,346	302	5,758	36,406	6,060
<b>Subtotal, NOAA Facilities Management, Construction &amp; Maintenance</b>	<b>30,346</b>	<b>302</b>	<b>5,758</b>	<b>36,406</b>	<b>6,060</b>
<b>Total, Facilities</b>	<b>30,346</b>	<b>302</b>	<b>5,758</b>	<b>36,406</b>	<b>6,060</b>
<b>Marine Operations &amp; Maintenance</b>					
<b>Marine Services</b>					
Data Acquisition	120,125	5,840	790	124,255	4,130
<b>Subtotal, Marine Services</b>	<b>120,125</b>	<b>5,840</b>	<b>790</b>	<b>124,255</b>	<b>4,130</b>
<b>Fleet Planning &amp; Maintenance</b>					
Fleet Planning & Maintenance	17,034	166	6,200	23,400	6,366
<b>Subtotal, Fleet Planning &amp; Maintenance</b>	<b>17,034</b>	<b>166</b>	<b>6,200</b>	<b>23,400</b>	<b>6,366</b>
<b>Total, Marine Operations &amp; Maintenance</b>	<b>137,159</b>	<b>6,006</b>	<b>6,990</b>	<b>147,655</b>	<b>10,496</b>



PROGRAM SUPPORT (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>Aviation Operations</b>					
Aircraft Services	29,509	778	0	30,287	778
<b>Total, Aviation Operations</b>	<b>29,509</b>	<b>778</b>	<b>0</b>	<b>30,287</b>	<b>778</b>
<b>Total, Office of Marine &amp; Aviation Operations</b>	<b>166,668</b>	<b>6,784</b>	<b>6,990</b>	<b>177,942</b>	<b>11,274</b>
<b>Total, Program Support - ORF</b>	<b>455,970</b>	<b>15,114</b>	<b>29,646</b>	<b>458,130</b>	<b>2,160</b>
<b>Other Program Support Accounts</b>					
Total, Program Support - PAC	2,000	0	24,800	26,800	24,800
Total, Program Support - Other	27,938	2,267	0	30,205	2,267
<b>GRAND TOTAL PS</b>	<b>485,908</b>	<b>17,381</b>	<b>54,446</b>	<b>515,135</b>	<b>29,227</b>



OPERATIONS, RESEARCH, & FACILITIES SUMMARY LINE OFFICE DIRECT OBLIGATIONS (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
National Ocean Service	522,220	4,752	36,444	500,608	(21,612)
National Marine Fisheries Service	904,539	13,429	64,555	907,777	3,238
Office of Oceanic & Atmospheric Research	438,766	4,504	55,850	454,481	15,715
National Weather Service	892,118	18,104	17,465	902,462	10,344
National Environmental Satellite Data & Information Service	199,165	2,378	16,146	190,223	(8,942)
Program Support	455,970	15,114	29,646	458,130	2,160
<b>SUBTOTAL LO DIRECT OBLIGATIONS</b>	<b>3,412,778</b>	<b>58,281</b>	<b>220,106</b>	<b>3,413,681</b>	<b>903</b>

OPERATIONS, RESEARCH, & FACILITIES FINANCING ADJUSTMENTS (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN OPERATIONS, RESEARCH, & FACILITIES	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>SUBTOTAL LO DIRECT OBLIGATIONS</b>	<b>3,412,778</b>	<b>58,281</b>	<b>220,106</b>	<b>3,413,681</b>	<b>903</b>

**FINANCING**

De-Obligations		(6,000)		(6,000)	(6,000)
<b>Total ORF Financing</b>	<b>0</b>	<b>(6,000)</b>	<b>0</b>	<b>(6,000)</b>	<b>(6,000)</b>

<b>SUBTOTAL BUDGET AUTHORITY</b>	<b>3,412,778</b>	<b>52,281</b>	<b>220,106</b>	<b>3,407,681</b>	<b>(5,097)</b>
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**TRANSFERS**

Transfer from P&D to ORF	(104,600)			(104,600)	
Transfer from CZMF to ORF	(3,000)		3,000		3,000
<b>Total ORF Transfers</b>	<b>(107,600)</b>	<b>0</b>	<b>3,000</b>	<b>(104,600)</b>	<b>3,000</b>

<b>SUBTOTAL APPROPRIATION</b>	<b>3,305,178</b>	<b>52,281</b>	<b>223,106</b>	<b>3,303,081</b>	<b>(2,097)</b>
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PROCUREMENT, ACQUISITION, & CONSTRUCTION (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN PROCUREMENT, ACQUISITION, & CONSTRUCTION	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>NOS</b>					
Acquisition					
Coastal & Estuarine Land Conservation Program	20,000	0	10,000	25,000	5,000
<b>Subtotal, Acquisition</b>	<b>20,000</b>	<b>0</b>	<b>10,000</b>	<b>25,000</b>	<b>5,000</b>
<b>NERRS Construction:</b>					
National Estuarine Research Reserve Construction & Land Acquisition (NERRS)	3,890	0	0	3,890	0
Great Bay Partnership, NH	3,000	0	0	0	(3,000)
<b>Subtotal, NERRS Construction</b>	<b>6,890</b>	<b>0</b>	<b>0</b>	<b>3,890</b>	<b>(3,000)</b>
<b>Marine Sanctuaries Construction:</b>					
Marine Sanctuaries Base	13,000	0	0	5,495	(7,505)
Thunder Bay NMS Exhibit	1,000	0	0	0	(1,000)
<b>Subtotal, Marine Sanctuary Construction</b>	<b>14,000</b>	<b>0</b>	<b>0</b>	<b>5,495</b>	<b>(8,505)</b>
<b>Subtotal, Construction</b>	<b>20,890</b>	<b>0</b>	<b>0</b>	<b>9,385</b>	<b>(11,505)</b>
<b>Total, NOS - PAC</b>	<b>40,890</b>	<b>0</b>	<b>10,000</b>	<b>34,385</b>	<b>(6,505)</b>
<b>NMFS</b>					
<b>Total, NMFS - PAC</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>OAR</b>					
Systems Acquisition					
Research Supercomputing/ CCRI	10,379	0	0	10,379	0
<b>Subtotal, OAR Systems Acquisition</b>	<b>10,379</b>	<b>0</b>	<b>0</b>	<b>10,379</b>	<b>0</b>
<b>Total, OAR - PAC</b>	<b>10,379</b>	<b>0</b>	<b>0</b>	<b>10,379</b>	<b>0</b>



PROCUREMENT, ACQUISITION, & CONSTRUCTION (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN PROCUREMENT, ACQUISITION, & CONSTRUCTION	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>NWS</b>					
Systems Acquisition					
ASOS	1,635	0	0	1,635	0
AWIPS	24,000	0	364	24,364	364
NEXRAD	7,976	0	3,150	11,126	3,150
NWSTG Legacy Replacement	1,195	0	0	1,195	0
Radiosonde Network Replacement	4,014	0	0	4,014	0
Weather & Climate Supercomputing	29,169	0	0	29,169	0
Cooperative Observer Network Modernization (NERON)	3,734	0	0	3,734	0
Complete & Sustain NOAA Weather Radio	11,000	0	1,614	12,614	1,614
NOAA Profiler Conversion	7,500	0	2,230	9,730	2,230
<b>Subtotal, NWS Systems Acquisition</b>	<b>90,223</b>	<b>0</b>	<b>7,358</b>	<b>97,581</b>	<b>7,358</b>
<b>Construction</b>					
WFO Construction	3,504	(3,504)	3,150	3,150	(354)
Cooperative Institute & Research Center for Southeast Weather, AL	14,000	0	0	0	(14,000)
<b>Subtotal, NWS Construction</b>	<b>17,504</b>	<b>(3,504)</b>	<b>3,150</b>	<b>3,150</b>	<b>(14,354)</b>
<b>Total, NWS - PAC</b>	<b>107,727</b>	<b>(3,504)</b>	<b>10,508</b>	<b>100,731</b>	<b>(6,996)</b>
<b>NESDIS</b>					
Systems Acquisition					
NOAA Satellite & Climate Sensors					
Geostationary Systems - N	57,601	0	0	57,601	0
Geostationary Systems - R	667,500	0	62,500	730,000	62,500
<b>Subtotal, NESDIS - GOES</b>	<b>725,101</b>	<b>0</b>	<b>62,500</b>	<b>787,601</b>	<b>62,500</b>
Polar Orbiting Systems - POES	43,135	0	(2,261)	40,874	(2,261)
JASON-3	20,000	0	30,000	50,000	30,000
Joint Polar Satellite System (formerly NPOESS)	382,200	0	678,600	1,060,800	678,600
DSCOVER	0	0	9,500	9,500	9,500
Cosmic 2	0	0	3,700	3,700	3,700



PROCUREMENT, ACQUISITION, & CONSTRUCTION (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN PROCUREMENT, ACQUISITION, & CONSTRUCTION	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
EOS & Advanced Polar Data Processing, Distribution & Archiving Systems	990	0	0	990	0
CIP - single point of failure	2,772	0	0	2,772	0
Comprehensive Large Array Data Stewardship Sys (CLASS)	18,476	0	0	6,476	(12,000)
NPOESS Preparatory Data Exploitation	4,455	0	0	4,455	0
Restoration of Climate Sensors	0	0	49,400	49,400	49,400
<b>Subtotal, NESDIS Systems Acquisition</b>	<b>1,197,129</b>	<b>0</b>	<b>831,439</b>	<b>2,016,568</b>	<b>819,439</b>
<b>Construction</b>					
Satellite CDA Facility	2,228	0	0	2,228	0
<b>Subtotal, NESDIS Construction</b>	<b>2,228</b>	<b>0</b>	<b>0</b>	<b>2,228</b>	<b>0</b>
<b>Total, NESDIS - PAC</b>	<b>1,199,357</b>	<b>0</b>	<b>831,439</b>	<b>2,018,796</b>	<b>819,439</b>
<b>Program Support</b>					
<b>Construction</b>					
Pacific Region Center	0	0	14,000	14,000	14,000
<b>Subtotal, Construction</b>	<b>0</b>	<b>0</b>	<b>14,000</b>	<b>14,000</b>	<b>14,000</b>
<b>Program Support / OMAO</b>					
<b>OMAO - Fleet Replacement</b>					
Temporary Berthing	1,000	0	(1,000)	0	(1,000)
Fleet Capital Improvements & Tech Infusion	1,000	0	7,400	8,400	7,400
New Vessel Construction	0	0	4,400	4,400	4,400
<b>Subtotal, OMAO Fleet Replacement</b>	<b>2,000</b>	<b>0</b>	<b>10,800</b>	<b>12,800</b>	<b>10,800</b>
<b>Total, Program Support - PAC</b>	<b>2,000</b>	<b>0</b>	<b>24,800</b>	<b>26,800</b>	<b>24,800</b>
<b>GRAND TOTAL PAC</b>	<b>1,360,353</b>	<b>(3,504)</b>	<b>876,747</b>	<b>2,191,091</b>	<b>830,738</b>



<b>PROCUREMENT, ACQUISITION, &amp; CONSTRUCTION FINANCING ADJUSTMENTS (\$ IN THOUSANDS)</b>					
<b>FY 2011 PROPOSED OPERATING PLAN</b>	<b>FY 2010 ENACTED</b>	<b>FY 2011 ATBs</b>	<b>FY 2011 PROGRAM CHANGES</b>	<b>FY 2011 PRESIDENT'S BUDGET</b>	<b>FY 2011 PRES BUD VS. FY 2010 ENACTED</b>
<b>SUBTOTAL DIRECT OBLIGATIONS</b>	<b>1,360,353</b>	<b>(3,504)</b>	<b>876,747</b>	<b>2,191,091</b>	<b>830,738</b>
<b>FINANCING</b>					
De-Obligations	(2,000)	(5,000)	0	(7,000)	(5,000)
<b>Total PAC Financing</b>	<b>(2,000)</b>	<b>(5,000)</b>	<b>0</b>	<b>(7,000)</b>	<b>(5,000)</b>
<b>SUBTOTAL BUDGET AUTHORITY</b>	<b>1,358,353</b>	<b>(8,504)</b>	<b>876,747</b>	<b>2,184,091</b>	<b>825,738</b>
<b>SUBTOTAL APPROPRIATION</b>	<b>1,358,353</b>	<b>(8,504)</b>	<b>876,747</b>	<b>2,184,091</b>	<b>825,738</b>

<b>GRAND TOTAL SUMMARY DISCRETIONARY APPROPRIATIONS (\$ IN THOUSANDS)</b>					
<b>FY 2011 PROPOSED OPERATING PLAN ORF, PAC, &amp; OTHER DISCRETIONARY APPROPRIATIONS</b>	<b>FY 2010 ENACTED</b>	<b>FY 2011 ATBs</b>	<b>FY 2011 PROGRAM CHANGES</b>	<b>FY 2011 PRESIDENT'S BUDGET</b>	<b>FY 2011 PRES BUD VS. FY 2010 ENACTED</b>
Operations, Research & Facilities	3,305,178	52,281	223,106	3,303,081	(2,097)
Procurement, Acquisition & Construction	1,358,353	(8,504)	876,747	2,184,091	825,738
Coastal Zone Management Fund	3,000	0	(3,000)	0	(3,000)
Fisherman's Contingency Fund	0	0	350	350	350
Pacific Coastal Salmon Fund	80,000	0	15,000	65,000	(15,000)
Medicare Eligible Retiree Health Care Fund	1,822	114	0	1,936	114
<b>GRAND TOTAL DISCRETIONARY APPROPRIATION</b>	<b>4,748,353</b>	<b>43,891</b>	<b>1,112,203</b>	<b>5,554,458</b>	<b>806,105</b>



OTHER ACCOUNTS (DISCRETIONARY) (\$ IN THOUSANDS)						
FY 2011 PROPOSED OPERATING PLAN DISCRETIONARY	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED	
<b>NOS</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	(3,000)	0	(3,000)	
<b>Subtotal, NOS Other Discretionary Direct Obligation</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Subtotal, NOS Other Discretionary Budget Authority</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Subtotal, NOS Other Discretionary Appropriation</b>	<b>3,000</b>	<b>0</b>	<b>(3,000)</b>	<b>0</b>	<b>(3,000)</b>	
<b>NMFS</b>						
Fishermen's Contingency Fund Obligations	0	0	350	350	350	
Fishermen's Contingency Fund Budget Authority	0	0	350	350	350	
Fishermen's Contingency Fund Appropriation	0	0	350	350	350	
Foreign Fishing Observer Fund Obligations	0	0	0	0	0	
Foreign Fishing Observer Fund Budget Authority	0	0	(350)	(350)	(350)	
Foreign Fishing Observer Fund Appropriation	0	0	0	0	0	
Promote & Develop Fisheries Obligations	0	0	0	0	0	
Promote & Develop Fisheries Budget Authority	(104,600)	0	0	(104,600)	0	
Promote & Develop Fisheries Appropriation	0	0	0	0	0	
Pacific Coastal Salmon Fund Obligations	80,000	0	15,000	65,000	(15,000)	
Pacific Coastal Salmon Fund Budget Authority	80,000	0	15,000	65,000	(15,000)	
Pacific Coastal Salmon Fund Appropriation	80,000	0	15,000	65,000	(15,000)	
<b>Subtotal, NMFS Other Discretionary Direct Obligation</b>	<b>80,000</b>	<b>0</b>	<b>15,350</b>	<b>65,350</b>	<b>(14,650)</b>	
<b>Subtotal, NMFS Other Discretionary Budget Authority</b>	<b>(24,600)</b>	<b>0</b>	<b>15,000</b>	<b>(39,600)</b>	<b>(15,000)</b>	
<b>Subtotal, NMFS Other Discretionary Appropriation</b>	<b>80,000</b>	<b>0</b>	<b>15,350</b>	<b>65,350</b>	<b>(14,650)</b>	

OMAO



<b>OTHER ACCOUNTS (DISCRETIONARY)</b>					
<b>(\$ IN THOUSANDS)</b>					
<b>FY 2011 PROPOSED OPERATING PLAN DISCRETIONARY</b>	<b>FY 2010 ENACTED</b>	<b>FY 2011 ATBs</b>	<b>FY 2011 PROGRAM CHANGES</b>	<b>FY 2011 PRESIDENT'S BUDGET</b>	<b>FY 2011 PRES BUD VS. FY 2010 ENACTED</b>
Medicare Eligible Retiree Healthcare Fund Account Obligations	1,822	114	0	1,936	114
Medicare Eligible Retiree Healthcare Fund Account Budget Authority	1,822	114	0	1,936	114
Medicare Eligible Retiree Healthcare Fund Account Appropriation	1,822	114	0	1,936	114
<b>Subtotal, OMAO Other Discretionary Direct Obligations</b>	<b>1,822</b>	<b>114</b>	<b>0</b>	<b>1,936</b>	<b>114</b>
<b>Subtotal, OMAO Other Discretionary Budget Authority</b>	<b>1,822</b>	<b>114</b>	<b>0</b>	<b>1,936</b>	<b>114</b>
<b>Subtotal, OMAO Other Discretionary Appropriation</b>	<b>1,822</b>	<b>114</b>	<b>0</b>	<b>1,936</b>	<b>114</b>
<b>TOTAL, OTHER DISCRETIONARY DIRECT OBLIGATIONS</b>	<b>81,822</b>	<b>114</b>	<b>15,350</b>	<b>67,286</b>	<b>(14,536)</b>
<b>TOTAL, OTHER DISCRETIONARY BUDGET AUTHORITY</b>	<b>(22,778)</b>	<b>114</b>	<b>15,000</b>	<b>(37,664)</b>	<b>(14,886)</b>
<b>TOTAL, OTHER DISCRETIONARY APPROPRIATION</b>	<b>84,822</b>	<b>114</b>	<b>12,350</b>	<b>67,286</b>	<b>(17,536)</b>



<b>OTHER ACCOUNTS (MANDATORY)</b> <b>(\$ IN THOUSANDS)</b>						
<b>FY 2011 PROPOSED OPERATING PLAN OTHER MANDATORY</b>	<b>FY 2010 ENACTED</b>	<b>FY 2011 ATBs</b>	<b>FY 2011 PROGRAM CHANGES</b>	<b>FY 2011 PRESIDENT'S BUDGET</b>	<b>FY 2011 PRES BUD VS. FY 2010 ENACTED</b>	
<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	3,000	0	3,000	
Damage Assessment & Restoration Revolving Fund Obligations	15,600	0	0	15,600	0	
Damage Assessment & Restoration Revolving Fund Budget Authority	3,000	0	0	3,000	0	
Damage Assessment & Restoration Revolving Fund Appropriation	0	0	0	0	0	
<b>Subtotal, NOS Other Mandatory Direct Obligations</b>	<b>15,600</b>	<b>0</b>	<b>0</b>	<b>15,600</b>	<b>0</b>	
<b>Subtotal, NOS Other Mandatory Budget Authority</b>	<b>1,500</b>	<b>0</b>	<b>1,500</b>	<b>1,500</b>	<b>0</b>	
<b>Subtotal, NOS Other Mandatory Appropriation</b>	<b>(3,000)</b>	<b>0</b>	<b>3,000</b>	<b>0</b>	<b>3,000</b>	
<b>NMFS</b>						
Promote & Develop Fisheries Obligations	8,771	0	0	8,771	0	
Promote & Develop Fisheries Budget Authority	113,371	0	0	113,371	0	
Promote & Develop Fisheries Appropriation	0	0	0	0	0	
Fisheries Finance Program Account Obligations	5,777	0	0	0	(5,777)	
Fisheries Finance Program Account Budget Authority	5,777	0	0	0	(5,777)	
Fisheries Finance Program Account Appropriation	5,777	0	0	0	(5,777)	
Federal Ship Financing Obligations	260	0	0	0	(260)	
Federal Ship Financing Budget Authority	(740)	0	0	0	740	
Federal Ship Financing Appropriation	0	0	0	0	0	
Environmental Improve & Restoration Fund Obligations	506	2,533	0	3,039	2,533	
Environmental Improve & Restoration Fund Budget Authority	506	2,533	0	3,039	2,533	
Environmental Improve & Restoration Fund Appropriation	506	2,533	0	3,039	2,533	
Limited Access System Administration Fund Obligations	7,444	0	0	7,444	0	
Limited Access System Administration Fund Budget Authority	7,444	0	0	7,444	0	



<b>OTHER ACCOUNTS (MANDATORY)</b>					
<b>(\$ IN THOUSANDS)</b>					
<b>FY 2011 PROPOSED OPERATING PLAN OTHER MANDATORY</b>	<b>FY 2010 ENACTED</b>	<b>FY 2011 ATBs</b>	<b>FY 2011 PROGRAM CHANGES</b>	<b>FY 2011 PRESIDENT'S BUDGET</b>	<b>FY 2011 PRES BUD VS. FY 2010 ENACTED</b>
Limited Access System Administration Fund Appropriation	7,444	0	0	7,444	0
Western Pacific Sustainable Fisheries Fund Obligation	884	0	0	0	(884)
Western Pacific Sustainable Fisheries Fund Budget Authority	0	0	0	0	0
Western Pacific Sustainable Fisheries Fund Appropriation	0	0	0	0	0
<b>Subtotal, NMFS Other Mandatory Direct Obligations</b>	<b>23,642</b>	<b>2,533</b>	<b>0</b>	<b>19,254</b>	<b>(4,388)</b>
<b>Subtotal, NMFS Other Mandatory Budget Authority</b>	<b>126,358</b>	<b>2,533</b>	<b>0</b>	<b>123,854</b>	<b>(2,504)</b>
<b>Subtotal, NMFS Other Mandatory Appropriation</b>	<b>13,727</b>	<b>2,533</b>	<b>0</b>	<b>10,483</b>	<b>(3,244)</b>
<b>OMAO</b>					
NOAA Corp Commissioned Officers Retirement Obligations	26,116	2,153	0	28,269	2,153
NOAA Corp Commissioned Officers Retirement Budget Authority	26,116	2,153	0	28,269	2,153
NOAA Corp Commissioned Officers Retirement Budget Appropriation	26,116	2,153	0	28,269	2,153
<b>Subtotal, OMAO Other Mandatory Direct Obligations</b>	<b>26,116</b>	<b>2,153</b>	<b>0</b>	<b>28,269</b>	<b>2,153</b>
<b>Subtotal, OMAO Other Mandatory Budget Authority</b>	<b>26,116</b>	<b>2,153</b>	<b>0</b>	<b>28,269</b>	<b>2,153</b>
<b>Subtotal, OMAO Other Mandatory Appropriation</b>	<b>26,116</b>	<b>2,153</b>	<b>0</b>	<b>28,269</b>	<b>2,153</b>
<b>TOTAL, OTHER MANDATORY DIRECT OBLIGATIONS</b>	<b>65,358</b>	<b>4,686</b>	<b>0</b>	<b>63,123</b>	<b>(2,235)</b>
<b>TOTAL, OTHER MANDATORY BUDGET AUTHORITY</b>	<b>153,974</b>	<b>4,686</b>	<b>1,500</b>	<b>153,623</b>	<b>(351)</b>
<b>TOTAL, OTHER MANDATORY APPROPRIATION</b>	<b>36,843</b>	<b>4,686</b>	<b>3,000</b>	<b>38,752</b>	<b>1,909</b>



SUMMARY OF DISCRETIONARY RESOURCES (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>Discretionary Direct Obligations</b>					
ORF Direct Obligations	3,412,778	58,281	220,106	3,413,681	903
PAC Direct Obligations	1,360,353	(3,504)	876,747	2,191,091	830,738
OTHER Direct Obligations	81,822	114	15,350	67,286	(14,536)
<b>TOTAL Discretionary Direct Obligations</b>	<b>4,854,953</b>	<b>54,891</b>	<b>1,112,203</b>	<b>5,672,058</b>	<b>817,105</b>
<b>Discretionary Budget Authority</b>					
ORF Budget Authority	3,412,778	52,281	220,106	3,407,681	(5,097)
PAC Budget Authority	1,358,353	(8,504)	876,747	2,184,091	825,738
OTHER Budget Authority	(22,778)	114	15,000	(37,664)	(14,886)
<b>TOTAL Discretionary Budget Authority</b>	<b>4,748,353</b>	<b>43,891</b>	<b>1,111,853</b>	<b>5,554,108</b>	<b>805,755</b>
<b>Discretionary Appropriations</b>					
ORF Appropriations	3,305,178	52,281	223,106	3,303,081	(2,097)
PAC Appropriations	1,358,353	(8,504)	876,747	2,184,091	825,738
OTHER Appropriations	84,822	114	12,350	67,286	(17,536)
<b>TOTAL Discretionary Appropriation</b>	<b>4,748,353</b>	<b>43,891</b>	<b>1,112,203</b>	<b>5,554,458</b>	<b>806,105</b>



NOAA SUMMARY (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>TOTAL Direct Obligations (Discretionary &amp; Mandatory)</b>	4,920,311	59,577	1,112,203	5,735,181	816,014
<b>TOTAL Budget Authority (Discretionary &amp; Mandatory)</b>	4,902,327	48,577	1,113,353	5,707,731	809,164
<b>TOTAL Appropriation (Discretionary &amp; Mandatory)</b>	4,785,196	48,577	1,115,203	5,593,210	811,014
Reimbursable Financing	242,000	0	0	242,000	0
<b>TOTAL OBLIGATIONS (Direct &amp; Reimbursable)</b>	<b>5,162,311</b>	<b>59,577</b>	<b>1,112,203</b>	<b>5,977,181</b>	<b>816,014</b>
Offsetting Receipts	(6,929)	0	0	(8,001)	(1,072)
<b>TOTAL OBLIGATIONS (Direct, Reimbursable &amp; Offsetting Receipts)</b>	<b>5,155,382</b>	<b>59,577</b>	<b>1,112,203</b>	<b>5,969,180</b>	<b>817,086</b>



LINE OFFICE SUMMARY (\$ IN THOUSANDS)					
FY 2011 PROPOSED OPERATING PLAN	FY 2010 ENACTED	FY 2011 ATBs	FY 2011 PROGRAM CHANGES	FY 2011 PRESIDENT'S BUDGET	FY 2011 PRES BUD VS. FY 2010 ENACTED
<b>National Ocean Service</b>					
ORF	522,220	4,752	36,444	500,608	(21,612)
PAC	40,890	0	10,000	34,385	(6,505)
OTHER	15,600	0	0	15,600	0
<b>TOTAL,NOS</b>	<b>578,710</b>	<b>4,752</b>	<b>46,444</b>	<b>550,593</b>	<b>(28,117)</b>
<b>National Marine Fisheries Service</b>					
ORF	904,539	13,429	64,555	907,777	3,238
PAC	0	0	0	0	0
OTHER	103,642	2,533	15,350	84,604	(19,038)
<b>TOTAL,NMFS</b>	<b>1,008,181</b>	<b>15,962</b>	<b>79,905</b>	<b>992,381</b>	<b>(15,800)</b>
<b>Oceanic &amp; Atmospheric Research</b>					
ORF	438,766	4,504	55,850	454,481	15,715
PAC	10,379	0	0	10,379	0
OTHER	0	0	0	0	0
<b>TOTAL,OAR</b>	<b>449,145</b>	<b>4,504</b>	<b>55,850</b>	<b>464,860</b>	<b>15,715</b>
<b>National Weather Service</b>					
ORF	892,118	18,104	17,465	902,462	10,344
PAC	107,727	(3,504)	10,508	100,731	(6,996)
OTHER	0	0	0	0	0
<b>TOTAL,NWS</b>	<b>999,845</b>	<b>14,600</b>	<b>27,973</b>	<b>1,003,193</b>	<b>3,348</b>
<b>National Environmental Satellite, Data, &amp; Information Service</b>					
ORF	199,165	2,378	16,146	190,223	(8,942)
PAC	1,199,357	0	831,439	2,018,796	819,439
OTHER	0	0	0	0	0
<b>TOTAL,NESDIS</b>	<b>1,398,522</b>	<b>2,378</b>	<b>847,585</b>	<b>2,209,019</b>	<b>810,497</b>



<b>LINE OFFICE SUMMARY (\$ IN THOUSANDS)</b>					
<b>FY 2011 PROPOSED OPERATING PLAN</b>	<b>FY 2010 ENACTED</b>	<b>FY 2011 ATBs</b>	<b>FY 2011 PROGRAM CHANGES</b>	<b>FY 2011 PRESIDENT'S BUDGET</b>	<b>FY 2011 PRES BUD VS. FY 2010 ENACTED</b>
<b>Program Support</b>					
<b>Program Support/Corporate Services</b>					
ORF	205,203	7,923	16,898	223,024	17,821
PAC	0	0	0	0	0
OTHER	0	0	0	0	0
<b>SUBTOTAL, PS/Corporate Services</b>	<b>205,203</b>	<b>7,923</b>	<b>16,898</b>	<b>223,024</b>	<b>17,821</b>
<b>Program Support/NOAA Education Program</b>					
ORF	53,753	105	0	20,758	(32,995)
PAC	0	0	0	0	0
OTHER	0	0	0	0	0
<b>SUBTOTAL, PS/NOAA Education Program</b>	<b>53,753</b>	<b>105</b>	<b>0</b>	<b>20,758</b>	<b>(32,995)</b>
<b>Program Support/Facilities</b>					
ORF	30,346	302	5,758	36,406	6,060
PAC	0	0	14,000	14,000	14,000
OTHER	0	2	0	0	0
<b>SUBTOTAL, PS/Facilities</b>	<b>30,346</b>	<b>304</b>	<b>19,758</b>	<b>50,406</b>	<b>20,060</b>
<b>Program Support/Corporate Services, Education, Facilities</b>					
ORF	289,302	8,330	22,656	280,188	(9,114)
PAC	0	0	14,000	14,000	14,000
OTHER	0	0	0	0	0
<b>TOTAL, PS/Corporate Services, Education, Facilities</b>	<b>289,302</b>	<b>8,330</b>	<b>36,656</b>	<b>294,188</b>	<b>4,886</b>
<b>Program Support/OMAO</b>					
ORF	166,668	6,784	6,990	177,942	11,274
PAC	2,000	0	10,800	12,800	10,800
OTHER	27,938	2,267	0	30,205	2,267
<b>TOTAL, PS/OMAO</b>	<b>196,606</b>	<b>9,051</b>	<b>17,790</b>	<b>220,947</b>	<b>24,341</b>
<b>Total Program Support</b>					
Total PS ORF	455,970	15,114	29,646	458,130	2,160
Total PS PAC	2,000	0	24,800	26,800	24,800
Total PS OTHER	27,938	2,267	0	30,205	2,267
<b>TOTAL, PS</b>	<b>485,908</b>	<b>17,381</b>	<b>54,446</b>	<b>515,135</b>	<b>29,227</b>



<b>LINE OFFICE SUMMARY (\$ IN THOUSANDS)</b>					
<b>FY 2011 PROPOSED OPERATING PLAN</b>	<b>FY 2010 ENACTED</b>	<b>FY 2011 ATBs</b>	<b>FY 2011 PROGRAM CHANGES</b>	<b>FY 2011 PRESIDENT'S BUDGET</b>	<b>FY 2011 PRES BUD VS. FY 2010 ENACTED</b>
<b>DIRECT OBLIGATIONS</b>					
ORF	3,412,778	58,281	220,106	3,413,681	903
PAC	1,360,353	(3,504)	876,747	2,191,091	830,738
OTHER	147,180	4,800	15,350	130,409	(16,771)
<b>TOTAL, DIRECT OBLIGATIONS</b>	<b>4,920,311</b>	<b>59,577</b>	<b>1,112,203</b>	<b>5,735,181</b>	<b>814,870</b>
ORF Adjustments (Deobligations/Rescissions)	0	(6,000)	0	(6,000)	(6,000)
ORF Transfers	(107,600)	0	3,000	(104,600)	3,000
PAC Adjustments (Deobligations/Rescissions)	(2,000)	(5,000)	0	(7,000)	(5,000)
PAC Transfers	0	0	0	0	0
OTHER Discretionary Adjustments	3,000	0	(3,000)	0	(3,000)
Mandatory Accounts Excluded	(65,358)	(4,686)	0	(63,123)	2,235
<b>TOTAL, DISCRETIONARY APPROPRIATIONS</b>	<b>4,748,353</b>	<b>43,891</b>	<b>1,112,203</b>	<b>5,554,458</b>	<b>806,105</b>





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National Ocean Service  
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Office of Oceanic and Atmospheric Research  
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National Weather Service  
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