



## Chapter 2

# Program Changes Summary Table



**FY 2009 Program Changes**

(dollars in thousands)

<b>Program Changes</b>	<b>FY 2008 Enacted</b>	<b>Program Change (activity)</b>	<b>Program Change (PPA)</b>	<b>FY 2009 Request</b>
<b>Operations, Research and Facilities</b>				
<b>NOS</b>				
Mapping and Charting Base	44,326		2,086	47,639
Ping to Chart Infrastructure		1,000		
Autonomous Underwater Vehicles (AUV)		700		
Restoration to Base		386		
Tide and Current Base	26,142		2,195	28,837
PORTS		2,000		
Restoration to Base		195		
NOAA IOOS			4,000	6,500
IOOS Regional Observations			3,000	14,555
Integrated Ocean Observing System	26,334			
Ocean Research Priorities Plan			10,000	10,000
CICEET	6,496		(6,496)	
Response and Restoration Base	11,506		5,245	17,266
Marine Debris	3,169		4,000	4,000
Pribilof Islands	5,292		(4,565)	
National Estuarine Rsch Reserves System	16,388		5,634	22,326
National Estuarine Rsch Reserves System		5,232		
Restoration to Base		402		
<b>Subtotal, NOS</b>	<b>\$139,653</b>	<b>\$9,915</b>	<b>\$25,099</b>	<b>\$151,123</b>
<b>NMFS</b>				
Protected Species Research & Mgmt	33,154		1,066	34,766
Marine Mammals	40,415		1,500	41,340
Atlantic Salmon	5,753		4,167	9,996
Atlantic Salmon		4,000		
Restoration to Base		167		
Pacific Salmon	58,507		3,169	62,879
Pacific Salmon		(6,055)		
ESA Recovery & Research		9,224		
Fisheries Research & Mgmt Programs	135,473		21,505	159,585
Regional Councils		5,050		
Pacific Whiting Treaty		250		
WCPF Commission		1,000		
LAPPs		4,826		
Regulatory Streamlining		2,829		
Highly Migratory Species		3,000		
Catch & Release Research		1,000		
CAMEO - ORPP		3,750		
EAM Reductions		(200)		
Expand Annual Stock Assessments	31,599		8,484	40,504
Expand Annual Stock Assessments		7,710		
Restoration to Base		774		
Economics & Social Sciences Research	5,851		4,729	10,658



Program Changes	FY 2008 Enacted	Program Change (activity)	Program Change (PPA)	FY 2009 Request
Fisheries Statistics	12,855		3,015	16,152
Fisheries Statistics		2,700		
Restoration to Base		315		
Survey & Monitoring Projects	14,627		8,224	23,270
Reducing Bycatch	2,738		567	3,360
Enforcement	53,318		2,407	56,405
IUU Fishing		1,084		
Cooperative Agreements with States		1,323		
Sustainable Habitat Mgmt	18,666		1,958	20,952
Sustainable Habitat Mgmt		1,500		
Restoration to Base		458		
Fisheries Habitat Restoration & Open Rivers	25,354		(3,107)	22,453
Open Rivers Initiative		5,397		
GL Habitat Restoration Program		1,496		
Penobscot Rivers Habitat Restoration	10,000	(10,000)		0
Antarctic Research	3,029		497	2,639
Cooperative Research	10,058		1,247	11,455
<b>Subtotal, NMFS</b>	<b>\$150,645</b>	<b>\$4,273</b>	<b>\$14,808</b>	<b>\$156,686</b>
<b>OAR</b>				
Competitive Research Program	129,986		4,186	134,702
NIDIS		2,000		
Water Vapor Research		880		
UAS - IPY		308		
AMOC		998		
Laboratories & Cooperative Institutes	45,954		4,000	49,089
Improvements to Operational Wx Forecasts		1,000		
UAS - Research		3,000		
<b>Subtotal, OAR</b>	<b>\$175,940</b>	<b>\$8,186</b>	<b>\$8,186</b>	<b>\$183,791</b>
<b>NWS</b>				
Local Warnings and Forecasts Base	578,421		13,065	601,876
Hurricane Data Buoys O&M		3,000		
Hurricane Supplemental Systems O&M		1,230		
TAO Buoy Array		1,100		
Data Buoy Ocean Sensor O&M		1,350		
Fire Weather		600		
Restoration to Base		5,785		
Aviation Weather	4,537		711	5,253
Aviation Weather		600		
Restoration to Base		111		
Central Forecast Guidance	51,923		4,273	57,253
Central Forecast Guidance		4,040		
Restoration to Base		233		
ASOS	8,670		712	9,657



Program Changes	FY 2008 Enacted	Program Change (activity)	Program Change (PPA)	FY 2009 Request
Restoration to Base		212		
<b>Subtotal, NWS</b>	<b>\$0</b>	<b>\$212</b>	<b>\$0</b>	<b>\$0</b>
<b>NESDIS</b>				
Satellite Command & Control	36,048		1,384	38,729
Satellite Command & Control		500		
Restoration to Base		884		
Product Processing & Distribution	29,651		1,227	31,457
Product Processing & Distribution		500		
Restoration to Base		727		
Ocean Surface Vector Wind Studies			3,000	3,000
<b>Subtotal, NESDIS</b>	<b>\$65,699</b>	<b>\$2,611</b>	<b>\$5,611</b>	<b>\$73,186</b>
<b>Program Support</b>				
NOAA Wide Corporate Svc & Agency Mgmt	113,788		6,235	115,561
Acquisition & Grants Mgmt		1,200		
End to End Resource Mgmt System		(1,798)		
Restoration to Base		6,833		
Payment to DOC Working Capital Fund	34,130		1,803	36,583
JASON Education & Outreach	2,207		(1,000)	0
Competitive Educational Grants	4,876		995	1,000
<b>Subtotal, PS</b>	<b>\$155,001</b>	<b>\$6,235</b>	<b>\$8,033</b>	<b>\$153,144</b>
<b>OMAO</b>				
Data Acquisition	109,781		2,117	113,451
Maritime Crew Safety & Rotation		1,700		
JOHN N. COBB O&M		(584)		
Restoration to Base		1,001		
Fleet Planning & Maintenance	16,756		261	17,034
Fleet Planning & Maintenance		(150)		
Restoration to Base		411		
Aircraft Services	25,152		4,616	30,044
Aircraft Services		4,000		
Restoration to Base		616		
<b>Subtotal, OMAO</b>	<b>\$151,689</b>	<b>\$6,994</b>	<b>\$6,994</b>	<b>\$160,529</b>
<b>Total, ORF</b>	<b>\$1,792,930</b>	<b>\$94,300</b>	<b>\$132,112</b>	<b>\$1,912,226</b>

**Procurement, Acquisition, and Construction**

Coastal and Estuarine Land Cons. Program	7,992		7,000	15,000
<b>Subtotal, NOS</b>	<b>\$7,992</b>	<b>\$0</b>	<b>\$7,000</b>	<b>\$15,000</b>
AWIPS	12,447		6,605	19,064
AWIPS		6,280		
Restoration to Base		325		



Program Changes	FY 2008 Enacted	Program Change (activity)	Program Change (PPA)	FY 2009 Request
Complete & Sustain NWR	5,455		2,877	11,337
Complete & Sustain NWR		2,743		
Restoration to Base		134		
NOAA Profiler Conversion	4,973		4,752	9,730
NOAA Profiler Conversion		4,630		
Restoration to Base		122		
<b>Subtotal, NWS</b>	<b>\$10,428</b>	<b>\$7,629</b>	<b>\$7,629</b>	<b>\$21,067</b>
Geostationary Systems - N	80,299		(7,036)	73,263
Geostationary Systems - N		(7,116)		
Restoration to Base		80		
Geostationary Systems - R	234,538		242,227	477,000
Geostationary Systems - R		198,000		
Restoration to Base		44,227		
Polar Orbiting Systems - POES	114,791		(48,872)	65,419
Polar Orbiting Systems - POES		(48,987)		
Restoration to Base		115		
Polar Orbiting Systems - NPOESS	330,969		(42,984)	287,985
Polar Orbiting Systems - NPOESS		(43,315)		
Restoration to Base		331		
Restoration of Climate Sensors			74,000	74,000
<b>Subtotal, NESDIS</b>	<b>\$760,597</b>	<b>\$143,335</b>	<b>\$217,335</b>	<b>\$977,667</b>
Pacific Regional Center	19,980		40,250	60,250
Southwest Fisheries Science Center	2,925		12,072	15,000
Fairbanks, AK CDA			11,700	11,700
<b>Subtotal, PS</b>	<b>\$22,905</b>	<b>\$0</b>	<b>\$64,022</b>	<b>\$86,950</b>
FSV Calibration			1,000	1,000
Ship Acquisition, Conversion & Maint.			6,100	6,100
<b>Subtotal, OMAO</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,100</b>	<b>\$7,100</b>
<b>Total, PAC</b>	<b>\$814,369</b>	<b>\$157,569</b>	<b>\$309,691</b>	<b>\$1,126,848</b>
<b>Total, NOAA ORF and PAC only</b>	<b>\$2,607,299</b>	<b>\$251,869</b>	<b>\$441,803</b>	<b>\$3,039,074</b>
<b>Summary Program Changes by Line Office</b>	<b>FY 2008 Enacted</b>	<b>Program Change (activity)</b>	<b>Program Change (PPA)</b>	<b>FY 2009 Request</b>
NOS	147,645	9,915	32,099	166,123
NMFS	461,397	41,598	59,428	516,414
OAR	175,940	8,186	8,186	183,791
NWS	666,426	32,995	32,995	714,170
NESDIS	826,296	145,946	222,946	1,050,853
PS	177,906	6,235	72,055	240,094
OMAO	151,689	6,994	14,094	167,629
<b>Total, NOAA</b>	<b>\$2,607,299</b>	<b>\$251,869</b>	<b>\$441,803</b>	<b>\$3,039,074</b>



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