

## Calendar No. 87

111<sup>TH</sup> CONGRESS  
1<sup>ST</sup> SESSION**H. R. 2847****[Report No. 111-34]**

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IN THE SENATE OF THE UNITED STATES

JUNE 22, 2009

Received; read twice and referred to the Committee on Appropriations

JUNE 25, 2009

Reported by Ms. MIKULSKI, with an amendment

[Strike out all after the enacting clause and insert the part printed in italic]

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**AN ACT**

Making appropriations for the Departments of Commerce and Justice, and Science, and Related Agencies for the fiscal year ending September 30, 2010, and for other purposes.

1       *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*  
3 ~~That the following sums are appropriated, out of any~~  
4 ~~money in the Treasury not otherwise appropriated, for the~~  
5 ~~fiscal year ending September 30, 2010, and for other pur-~~  
6 ~~poses, namely:~~

1 *Senate to accompany this Act: Provided further, That the*  
2 *Secretary of Commerce shall include in the budget justifica-*  
3 *tion materials that the Secretary submits to Congress in*  
4 *support of the Department of Commerce budget (as sub-*  
5 *mitted with the budget of the President under section*  
6 *1105(a) of title 31, United States Code) an estimate for each*  
7 *National Institute of Standards and Technology construc-*  
8 *tion project having a total multi-year program cost of more*  
9 *than \$5,000,000 and simultaneously the budget justification*  
10 *materials shall include an estimate of the budgetary re-*  
11 *quirements for each such project for each of the five subse-*  
12 *quent fiscal years.*

13 *NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION*

14 *OPERATIONS, RESEARCH, AND FACILITIES*

15 *(INCLUDING TRANSFERS OF FUNDS)*

16 *For necessary expenses of activities authorized by law*  
17 *for the National Oceanic and Atmospheric Administration,*  
18 *including maintenance, operation, and hire of aircraft and*  
19 *vessels; grants, contracts, or other payments to nonprofit*  
20 *organizations for the purposes of conducting activities pur-*  
21 *suant to cooperative agreements; and relocation of facilities,*  
22 *\$3,301,131,000, to remain available until September 30,*  
23 *2011, except for funds provided for cooperative enforcement,*  
24 *which shall remain available until September 30, 2012:*  
25 *Provided, That fees and donations received by the National*

1 *Ocean Service for the management of national marine sanc-*  
2 *tuaries may be retained and used for the salaries and ex-*  
3 *penses associated with those activities, notwithstanding 31*  
4 *U.S.C. 3302: Provided further, That in addition,*  
5 *\$3,000,000 shall be derived by transfer from the fund enti-*  
6 *tled “Coastal Zone Management” and in addition*  
7 *\$104,600,000 shall be derived by transfer from the fund en-*  
8 *titled “Promote and Develop Fishery Products and Re-*  
9 *search Pertaining to American Fisheries”:* *Provided fur-*  
10 *ther, That of the \$3,304,131,000 provided for in direct obli-*  
11 *gations under this heading \$3,301,131,000 is appropriated*  
12 *from the general fund, \$3,000,000 is provided by transfer:*  
13 *Provided further, That the total amount available for the*  
14 *National Oceanic and Atmospheric Administration cor-*  
15 *porate services administrative support costs shall not exceed*  
16 *\$226,809,000: Provided further, That payments of funds*  
17 *made available under this heading to the Department of*  
18 *Commerce Working Capital Fund including Department of*  
19 *Commerce General Counsel legal services shall not exceed*  
20 *\$36,583,000: Provided further, That within the amounts*  
21 *appropriated, \$57,725,000 shall be used for the projects,*  
22 *and in the amounts, specified in the table entitled “Congres-*  
23 *sionally designated projects” in the report of the Committee*  
24 *on Appropriations of the Senate to accompany this Act:*  
25 *Provided further, That any deviation from the amounts des-*

1 *ignated for specific activities in the report accompanying*  
2 *this Act, or any use of deobligated balances of funds pro-*  
3 *vided under this heading in previous years, shall be subject*  
4 *to the procedures set forth in section 505 of this Act: Pro-*  
5 *vided further, That in allocating grants under sections 306*  
6 *and 306A of the Coastal Zone Management Act of 1972,*  
7 *as amended, no coastal State shall receive more than 5 per-*  
8 *cent or less than 1 percent of increased funds appropriated*  
9 *over the previous fiscal year.*

10 *In addition, for necessary retired pay expenses under*  
11 *the Retired Serviceman's Family Protection and Survivor*  
12 *Benefits Plan, and for payments for the medical care of*  
13 *retired personnel and their dependents under the Depend-*  
14 *ents Medical Care Act (10 U.S.C. 55), such sums as may*  
15 *be necessary.*

16 *PROCUREMENT, ACQUISITION AND CONSTRUCTION*

17 *For procurement, acquisition and construction of cap-*  
18 *ital assets, including alteration and modification costs, of*  
19 *the National Oceanic and Atmospheric Administration,*  
20 *\$1,397,685,000, to remain available until September 30,*  
21 *2012, except funds provided for construction of facilities*  
22 *which shall remain available until expended: Provided,*  
23 *That of the amounts provided for the National Polar-orbit-*  
24 *ing Operational Environmental Satellite System, funds*  
25 *shall only be made available on a dollar-for-dollar matching*

1 *basis with funds provided for the same purpose by the De-*  
2 *partment of Defense: Provided further, That except to the*  
3 *extent expressly prohibited by any other law, the Depart-*  
4 *ment of Defense may delegate procurement functions related*  
5 *to the National Polar-orbiting Operational Environmental*  
6 *Satellite System to officials of the Department of Commerce*  
7 *pursuant to section 2311 of title 10, United States Code:*  
8 *Provided further, That any deviation from the amounts des-*  
9 *ignated for specific activities in the report accompanying*  
10 *this Act, or any use of deobligated balances of funds pro-*  
11 *vided under this heading in previous years, shall be subject*  
12 *to the procedures set forth in section 505 of this Act: Pro-*  
13 *vided further, That the Secretary of Commerce is authorized*  
14 *to enter into a lease, at no cost to the United States Govern-*  
15 *ment, with the Regents of the University of Alabama for*  
16 *a term of not less than 55 years, with two successive options*  
17 *each of 5 years, for land situated on the campus of Univer-*  
18 *sity of Alabama in Tuscaloosa to house the Cooperative In-*  
19 *stitute and Research Center for Southeast Weather and Hy-*  
20 *drology: Provided further, That within the amounts appro-*  
21 *priated, \$19,000,000 shall be used for the projects, and in*  
22 *the amounts, specified in the table entitled “Congressionally*  
23 *designated projects” in the report of the Committee on Ap-*  
24 *propriations of the Senate to accompany this Act.*

1                    *PACIFIC COASTAL SALMON RECOVERY*

2            *For necessary expenses associated with the restoration*  
3 *of Pacific salmon populations, \$80,000,000, to remain*  
4 *available until September 30, 2011: Provided, That of the*  
5 *funds provided herein the Secretary of Commerce may issue*  
6 *grants to the States of Washington, Oregon, Idaho, Nevada,*  
7 *California, and Alaska, and federally recognized tribes of*  
8 *the Columbia River and Pacific Coast for projects necessary*  
9 *for conservation of salmon and steelhead populations that*  
10 *are listed as threatened or endangered, or identified by a*  
11 *State as at-risk to be so-listed, for maintaining populations*  
12 *necessary for exercise of tribal treaty fishing rights or na-*  
13 *tive subsistence fishing, or for conservation of Pacific coast-*  
14 *al salmon and steelhead habitat, based on guidelines to be*  
15 *developed by the Secretary of Commerce: Provided further,*  
16 *That funds disbursed to States shall be subject to a match-*  
17 *ing requirement of funds or documented in-kind contribu-*  
18 *tions of at least 33 percent of the Federal funds.*

19                    *COASTAL ZONE MANAGEMENT FUND*20                    *(INCLUDING TRANSFER OF FUNDS)*

21            *Of amounts collected pursuant to section 308 of the*  
22 *Coastal Zone Management Act of 1972 (16 U.S.C. 1456a),*  
23 *not to exceed \$3,000,000 shall be transferred to the “Oper-*  
24 *ations, Research, and Facilities” account to offset the costs*  
25 *of implementing such Act.*

1 *FISHERIES FINANCE PROGRAM ACCOUNT*

2 *Subject to section 502 of the Congressional Budget Act*  
3 *of 1974, during fiscal year 2010, obligations of direct loans*  
4 *may not exceed \$16,000,000 for Individual Fishing Quota*  
5 *loans and not to exceed \$59,000,000 for traditional direct*  
6 *loans as authorized by the Merchant Marine Act of 1936:*  
7 *Provided, That none of the funds made available under this*  
8 *heading may be used for direct loans for any new fishing*  
9 *vessel that will increase the harvesting capacity in any*  
10 *United States fishery.*

11 *DEPARTMENTAL MANAGEMENT*12 *SALARIES AND EXPENSES*

13 *For expenses necessary for the departmental manage-*  
14 *ment of the Department of Commerce provided for by law,*  
15 *including not to exceed \$5,000 for official reception and*  
16 *representation, \$61,000,000: Provided, That the Secretary,*  
17 *within 120 days of enactment of this Act, shall provide a*  
18 *report to the Committee on Appropriations of the Senate*  
19 *that audits and evaluates all decision documents and ex-*  
20 *penditures by the Bureau of the Census as they relate to*  
21 *the 2010 Census: Provided further, That of the amounts pro-*  
22 *vided to the Secretary within this account, \$5,000,000 shall*  
23 *not become available for obligation until the Secretary cer-*  
24 *tifies to the Committee on Appropriations of the Senate that*  
25 *the Bureau of the Census has followed and met all standards*

**Calendar No. 87**

111TH CONGRESS }  
*1st Session* }

SENATE

{ REPORT  
111-34

DEPARTMENTS OF COMMERCE AND JUSTICE, AND  
SCIENCE, AND RELATED AGENCIES APPROPRIATIONS  
BILL, 2010

\_\_\_\_\_  
JUNE 25, 2009.—Ordered to be printed  
\_\_\_\_\_

Ms. MIKULSKI, from the Committee on Appropriations,  
submitted the following

**REPORT**

[To accompany H.R. 2847]

The Committee on Appropriations to which was referred the bill (H.R. 2847) making appropriations for the Departments of Commerce and Justice, and Science, and Related Agencies for the fiscal year ending September 30, 2010, and for other purposes, reports the same to the Senate with an amendment, and recommends that the bill, as amended, do pass.

*Total obligational authority, fiscal year 2010*

Total of bill as reported to the Senate .....	\$67,492,432,000
Amount of 2009 appropriations .....	<sup>1</sup> 76,101,698,000
Amount of 2010 budget estimate .....	67,183,677,000
Amount of House allowance .....	67,196,907,000
Bill as recommended to Senate compared to—	
2009 appropriations .....	– 8,609,266,000
2010 budget estimate .....	+ 308,755,000
House allowance .....	+ 295,525,000

<sup>1</sup> Includes \$16,209,675,000 in emergency appropriations provided in the American Recovery and Reinvestment Act of 2009 and other supplemental appropriation funding acts.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
(INCLUDING TRANSFERS OF FUNDS)

Appropriations, 2009 .....	<sup>1</sup> \$5,195,196,000
Budget estimate, 2010 .....	4,473,816,000
House allowance .....	4,603,441,000
Committee recommendation .....	4,772,816,000

<sup>1</sup> Includes \$830,000,000 in American Recovery and Reinvestment Act of 2009 (Public Law 111-5) funding.

The Committee's recommendation provides \$4,772,816,000 for the National Oceanic and Atmospheric Administration [NOAA]. The recommendation is \$407,620,000 above the fiscal year 2009 enacted level, excluding supplemental appropriations, and \$299,000,000 above the budget request.

Following a familiar trend, the administration's 2010 budget request for NOAA proposes to again underfund one of our Nation's leading scientific agencies. With a diverse environmental portfolio, talented workforce, and supportive external community base, the Committee is befuddled as to the administration's motivation for under funding this agency. The agency cannot effectively meet its mission objectives under these circumstances, and is once again forcing the Committee to bridge the financial gap between an unrealistic budget request and sensible recommendation.

OPERATIONS, RESEARCH, AND FACILITIES  
(INCLUDING TRANSFERS OF FUNDS)

Appropriations, 2009 .....	<sup>1</sup> \$3,278,549,000
Budget estimate, 2010 .....	3,040,537,000
House allowance .....	3,202,293,000
Committee recommendation .....	3,304,131,000

<sup>1</sup> Includes \$230,000,000 in American Recovery and Reinvestment Act of 2009 (Public Law 111-5) funding.

The Committee's recommendation provides \$3,304,131,000 for NOAA's operations, research, and facilities. The recommendation is \$255,582,000 above the fiscal year 2009 enacted level, excluding supplemental appropriations, and \$263,594,000 above the budget request.

The Committee provides funding for congressionally designated projects listed within the obligation tables for: the National Ocean Service; National Marine Fisheries Service; Oceanic and Atmospheric Research, National Weather Service; National Environmental, Satellite Data, and Information Service; and Program Support, and directs NOAA to refrain from charging administrative costs to these grants. The Committee expects that NOAA will provide appropriate management and oversight of each grant.

NOAA NATIONAL OCEAN SERVICE

The Committee recommends \$511,550,000 for the National Ocean Service [NOS]. NOS programs provide scientific, technical, and management expertise to promote safe navigation; assess the health of coastal and marine resources; respond to natural and human-induced threats; and preserve the coastal ocean and global environments.

Committee recommendations are displayed in the following table:

## NATIONAL OCEAN SERVICE OPERATIONS, RESEARCH, AND FACILITIES

[In thousands of dollars]

	Committee recommendation
Navigation Services:	
Mapping & Charting .....	48,737
Hydrographic Research and Technology Development .....	7,424
Electronic Navigational Charts .....	6,128
Shoreline Mapping .....	2,424
Address Survey Backlog/Contracts .....	31,173
Geodesy .....	26,417
National Height Modernization .....	2,541
Tide & Current Data .....	33,078
Regional Geospatial Modeling Grants .....	5,500
Total, Navigation Services .....	163,422
Ocean Resources Conservation and Assessment:	
Integrated Ocean Observing System—Regional Observatories .....	27,500
NOAA IOOS .....	6,555
Coastal Services Centers .....	26,643
Coastal Storms .....	2,874
Ocean Health Initiative .....	4,000
Coral Reef Programs .....	29,000
Gulf of Mexico Regional Collaboration .....	5,000
Ocean Research Priorities Plan Implementation .....	6,000
Subtotal, Ocean Resources Conservation and Assessment .....	107,572
Response and Restoration:	
Response and Restoration Base .....	20,134
Estuary Restoration Program .....	3,000
Marine Debris .....	4,000
Subtotal, Response and Restoration .....	27,134
National Centers for Coastal Ocean Science [NCCOS]:	
NCCOS Headquarters .....	4,500
Competitive External Research (HABs, Hypoxia and Regional Ecosystem) .....	16,000
Center for Coastal Environmental Health & Biomolecular Research .....	11,500
Oxford Cooperative Lab .....	5,000
Center for Sponsored Coastal Ocean Research .....	2,700
Center for Coastal Monitoring & Assessment .....	5,000
Center for Coastal Fisheries and Habitat Research .....	5,000
Marine Env. Health Research Lab—MEHRL .....	4,100
Subtotal, National Centers for Coastal Ocean Science .....	53,800
Ocean and Coastal Management:	
CZM Grants .....	66,500
CZM and Stewardship .....	8,500
National Estuarine Research Reserve System .....	22,826
Marine Protected Areas .....	3,000
Energy Licensing and Appeals .....	1,900
Marine Sanctuary Program Base .....	49,946
Total, Ocean and Coastal Management .....	152,672
Total, Congressionally Designated Projects .....	6,950
TOTAL, NOS .....	511,550

*Integrated Ocean Observing System [IOOS].*—The Committee recommendation provides a total of \$34,055,000 for the Integrated Ocean Observation System, of which \$6,555,000 is for program ad-

ministration, and \$27,500,000 is provided for continued support for a testbed for quantitatively evaluating the performance of new and existing coastal technologies in the laboratory and under diverse environmental conditions, and for a competitive, regional ocean observing systems solicitation. The budget request for IOOS reinforces the Committee's concern that the community's vision for this program is larger than NOAA's own internal initiative. Outside support for IOOS's overall funding—which includes long-standing recommendations from the Joint Ocean Commission—far outweighs this unrealistic budget request. A proven ocean observation network could be the very essence of a true National Ocean Service, maximizing both external and internal resources. Yet, this program instead seems to languish in stagnant funding requests and unachievable goals. Meanwhile, as NOAA struggles with IOOS's intra-agency identify, current assets within the community are being pulled away and shut down. NOAA fails to acknowledge that its own strategic plan for this program, though becoming narrower and more focused as the program matures, has no validity without the support of its State and regional partners. Such a trend suggests that little consideration is given to long-term measurements to support long-term results. Although this Committee has endeavored to bridge this financial gap in past fiscal year recommendations, continual lackluster requests coupled with current funding constraints have left the Committee with no other option than to provide a modest increase compared to the true need. The administration should create a more holistic funding recommendation in 2011, and should consider reorganizing resources within the agency across line offices to create a more salient internal program.

In addition, the Committee recognizes the broad value of the consortium of sensor testbeds and advancing new sensor technologies, and provides \$3,000,000 for these activities. The agency is directed to report to the Committee within 30 days of enactment of this act on the feasibility of establishing a cooperative institute for the purpose of advancing and sustaining this essential capability and including it in future requests. The Committee is aware that IOOS is working to distribute the management and execution of the coastal facets of its observing activities among numerous regional networks. Unfortunately, as the agency builds towards the development of this coastal observation system, it lacks a cost-effective national modeling test bed which integrates data from observing networks throughout multiple regional associations in mesoscale meteorology, landscape hydrology, river flows, coastal inundation, coastal circulation, and marine ecology.

Since the U.S. Atlantic and gulf coasts encompass two-thirds of the Nation's tidal shores and face multiple economic, human health, public safety and operational conditions, the Committee has included \$4,500,000 for NOAA to initiate and competitively award an extramurally based super regional test bed that enables data integration and dissemination to understand, predict, and mitigate the consequences of both extreme events and chronic conditions in the U.S. Atlantic and gulf regions. Such a test bed should include no less than 20 academic partners and research institutions to guarantee it is multi-disciplinary, and inclusive of community-modeling. The test bed must demonstrate how to improve forecasting

of phenomena and require scientists to share use of numerical models, observations, and tools needed to elucidate, prioritize, and resolve issues associated with interoperable coupling of a range of existing and emerging coastal oceanic, atmospheric, hydrologic, and ecological models, including the participation of other portions of NOAA beyond the National Ocean Service. The Committee directs NOAA to outline its approach and timeline for this effort in the Department's fiscal year 2010 operating plan.

*Tide and Current Data.*—The Committee provides an additional \$3,800,000 above the administration's request to fully support the entire design, installation, maintenance, and operations of the Physical Oceanographic Real-Time System [PORTS], as authorized by Public Law 107-372. The Committee believes these operations, which exist as a partnership between NOAA and local port authorities, have been extremely valuable tools for providing information for safe vessel navigation and data for weather and coastal monitoring used by other national programs. NOAA is directed to request the program's full support, including operation and maintenance, in future budget requests.

*Coastal Services Center.*—The Committee's recommendation provides an increase of \$6,000,000 above the administration's request, which includes \$4,100,000 more for the Pacific Coastal Services Center for a total of \$5,000,000. The remainder of the increased funding is for the gulf coast and west coast service centers.

*Ocean Health Initiative.*—The Committee is disappointed with the administration's reduction in this valuable national program, and restores the fiscal year 2009 level of \$4,000,000. All of NOAA's ocean programs touch the lives of people everyday, but this initiative is one that directly and immediately shows the links between humans and the ocean. The Committee expects a more reasonable request for this program in future years.

*Response and Restoration.*—The Committee provides an additional \$1,000,000 for the Office of Response and Restoration, working jointly with the Office of National Marine Sanctuaries, to solicit an independent assessment of potential man-made undersea threats, that could impact coastal and Great Lakes States. Such an assessment shall be conducted by a reputable outside group working for NOAA to effectively link environmental assessment results with that of the capable expertise of the salvage industry to create a prioritized list of hazardous undersea threats to protect our Nation's coasts and shorelines from the discharge of unsafe material. Careful consideration shall be made by all parties to not disclose sensitive and confidential information that could be protected by the National Historic Preservation Act of 1966 in an effort to protect and preserve non-hazardous, cultural and historical marine resources.

*CZM and Stewardship.*—The Committee provides an increase of \$1,500,000 over the fiscal year 2009 level for this valuable office, which provides services and expertise to coastal and Great Lakes programs throughout the country. However, the Committee does not support the new coastal task force initiative proposed by the administration which mimics the recent Presidential memorandum assigning such a national ocean policy taskforce to the Council of Environmental Quality announced after the budget request.

*Regional Geospatial Modeling Grants.*—The Committee provides \$5,500,000 to continue funding for this competitive program for researchers and resource managers to develop models or geographic information systems using existing geodetic, coastal remote sensing data, terrestrial gravity measurements, or other physical datasets.

NOAA NATIONAL MARINE FISHERIES SERVICE

The Committee's recommendation provides \$872,373,000 for the National Marine Fisheries Service [NMFS]. NMFS programs provide for the management and conservation of the Nation's living marine resources and their environment, including fish stocks, marine mammals, and endangered species. Using science-based conservation, management, and restoration activities, these resources can benefit the Nation on a sustained basis. NMFS seeks to build sustainable fisheries, recover protected species, and sustain healthy coastal ecosystems and the communities that depend on them.

Committee recommendations are displayed in the following table:

NATIONAL MARINE FISHERIES SERVICE OPERATIONS, RESEARCH, AND FACILITIES

[In thousands of dollars]

	Committee recommendation
<b>Marine Mammals, Marine Turtles, and Marine Protected Species:</b>	
Protected Species Research and Management Programs .....	39,850
Species Recovery Grants .....	10,987
Marine Mammal Protection [MMP] .....	49,653
Other Protected Species .....	8,375
Marine Turtles .....	14,576
Atlantic Salmon .....	8,000
Pacific Salmon (Salmon Management Activities) .....	65,000
<b>Total, Marine Mammals, Marine Turtles, and Marine Protected Species .....</b>	<b>196,441</b>
<b>Fisheries Research and Management:</b>	
Fisheries Research and Management Programs .....	194,113
Expand Annual Stock Assessments—Improve Data Collection .....	49,003
Economics and Social Sciences Research .....	10,744
Salmon Management Activities .....	34,942
Regional Councils and Fisheries Commissions .....	31,855
Fisheries Statistics .....	21,068
Fish Information Networks .....	22,066
Survey and Monitoring Projects .....	23,759
Fisheries Oceanography .....	1,999
American Fisheries Act .....	5,503
Interjurisdictional Fisheries Grants .....	2,574
National Standard 8 .....	1,060
Reduce Fishing Impacts on Essential Fish Habitat [EFH] .....	529
Reducing Bycatch .....	3,398
Product Quality and Safety .....	7,342
<b>Total, Fisheries Research and Management .....</b>	<b>409,955</b>
<b>Enforcement and Observers:</b>	
Enforcement and Surveillance .....	65,673
Observers/Training .....	40,074
<b>Total, Enforcement and Observers/Training .....</b>	<b>105,747</b>
<b>Habitat Conservation &amp; Restoration:</b>	
Sustainable Habitat Management .....	22,376

NATIONAL MARINE FISHERIES SERVICE OPERATIONS, RESEARCH, AND FACILITIES—Continued  
 [In thousands of dollars]

	Committee recommendation
Fisheries Habitat Restoration (Open Rivers & CBRP) .....	21,647
Total, Habitat Conservation & Restoration .....	44,023
Other Activities Supporting Fisheries:	
Antarctic Research .....	2,718
Aquaculture .....	6,102
Climate Regimes & Ecosystem Productivity .....	4,811
Computer Hardware and Software .....	3,460
Cooperative Research .....	17,567
Information Analyses & Dissemination .....	19,905
New England Fisheries Assistance .....	12,500
Marine Resources Monitoring, Assessment & Prediction Program (MarMap) .....	842
National Environmental Policy Act [NEPA] .....	8,336
NMFS Facilities Maintenance .....	6,535
Southwest Fisheries Center .....	1,000
Regional Studies—Southeast Area Monitoring & Assessment Program [SEAMAP] .....	7,206
Total, Other Activities Supporting Fisheries .....	90,982
Congressionally Designated Projects .....	25,225
TOTAL, NMFS .....	872,373

*Chesapeake Bay Oyster Restoration.*—The Committee provides \$3,000,000 for oyster restoration in the Chesapeake Bay. Of these funds, \$2,000,000 is provided for oyster restoration in the Maryland waters of the Chesapeake Bay which shall be for on-the-ground and in-the water restoration efforts. In addition, \$1,000,000 of these funds are for oyster restoration in Virginia waters of the Chesapeake Bay. Funds shall not be used for administrative costs, including banquets or salaries.

*National Environmental Policy Act [NEPA].*—The Committee is deeply concerned about the impacts of a proposed liquefied natural gas [LNG] facility in Fall River, Massachusetts. The proposal calls for the construction of an offshore berth in Mount Hope Bay that will be connected to an onshore storage facility by two 4.25-mile-long cryogenic pipelines. The dredging activity and vessel traffic associated with the proposed project will have a lasting effect on essential fish habitat for 14 federally managed species and critical stocks, particularly the southern New England winter flounder. The Committee notes that in April 2009 the National Marine Fisheries Service issued a final interim rule for the 2009 groundfish season that prohibits the retention of any catch of southern New England winter flounder due to concern about the condition of the stock. The Committee has also committed significant resources toward efforts to help restore commercially valuable stocks and the New England fishing industry. Therefore, the Committee expects the National Marine Fisheries Service, in providing comments to the Federal Energy Regulatory Commission on any draft environmental impact statement for the proposal, to insist on mitigation measures, including a no-action alternative, that will ensure the recovery of southern New England winter flounder.

*Protected Species.*—In addition to the amounts requested, the Committee provides programmatic increases of: \$1,619,000 for Hawaiian Monk Seal activities for a total of \$4,000,000; \$4,348,000 for Hawaiian Sea Turtle and Incident Take activities for a total of \$7,800,000; \$683,000 for the study and protection of cetaceans in the Pacific for a total of \$1,500,000.

*Observer/Training.*—In addition to the amounts requested, the Committee provides programmatic increases of: \$3,015,000 for Hawaiian Longline Observer Program for a total of \$7,100,000.

*Fisheries Research and Management.*—Within the amounts the Committee recommends programmatic increase of \$750,000 for regulation activities associated with the Pacific Marine Monuments.

*Enforcement.*—The Committee is encouraged by the administration’s request for vessel monitoring, and provides additional funding for a total of \$1,500,000 for the program to continue the ongoing program to install electronic logbooks on shrimp boats as required to monitor and reduce bycatch, end overfishing, and rebuild overfished stocks including red snapper, and to ensure the sustainability of shrimp fisheries. The Committee notes that this program is inherent to the agency’s core mission and implementation of current shrimp fishery regulations, and expects that sufficient funding will be reflected in future budget requests.

*Regional Studies—Chesapeake Bay.*—The Committee directs NOAA’s Chesapeake Bay Office to continue to collaborate with the States of Maryland and Virginia. This program will advance multiple species management by focusing on blue crabs, oysters, other resource species. In developing this program NOAA shall continue to utilize the Sea Grant Programs from both States.

NOAA OCEANIC AND ATMOSPHERIC RESEARCH

The Committee’s recommendation provides \$419,781,000 for Oceanic and Atmospheric Research [OAR]. OAR programs provide the environmental research and technology needed to improve NOAA weather, air quality warnings, forecasts, climate predictions, and marine services. To accomplish these goals, OAR supports a network of scientists in its Federal research laboratories, universities, and joint institutes and partnership programs.

Committee recommendations are displayed in the following table:

OCEANIC AND ATMOSPHERIC RESEARCH OPERATIONS, RESEARCH AND FACILITIES

[In thousands of dollars]

	Committee recommendation
<b>Climate Research:</b>	
Laboratories & Cooperative Institutes .....	52,648
Climate Data & Information .....	12,080
Competitive Research Program .....	144,199
Climate Operations .....	913
Total, Climate Research .....	209,840
<b>Weather &amp; Air Quality Research Programs:</b>	
Laboratories & Cooperative Institutes .....	54,450
U.S. Weather Research Program .....	5,500
Tornado Severe Storm Research/Phased Array Radar .....	3,972

OCEANIC AND ATMOSPHERIC RESEARCH OPERATIONS, RESEARCH AND FACILITIES—Continued  
 [In thousands of dollars]

	Committee recommendation
Total, Weather & Air Quality Research .....	63,922
Ocean, Coastal & Great Lakes Research:	
Laboratories & Cooperative Institutes .....	25,040
National Sea Grant College Program .....	63,085
Ocean Exploration .....	22,816
NOAA's Undersea Research Program .....	8,900
Total, Ocean, Coastal & Great Lakes Research .....	119,841
Info Tech, R&D, and Science Education: High Performance Computing Initiatives .....	13,028
Congressionally Designated Projects .....	13,150
TOTAL, OAR .....	419,781

*Laboratories and Cooperative Institutes.*—Of the funds provided for Ocean, Coastal and Great Lakes Research, \$3,200,000 is for the Northern Gulf Institute [NGI]. The NGI is a cooperative institute [CI] that was solicited and competitively selected by NOAA to develop regional approaches to ecosystem management, and research on the interface between human, watershed, coast, ocean, and atmosphere continuum. NGI won the competitive bid and has excelled in meeting its goals, as well as the ones independently established by NOAA. As a result, NGI has been held up as a model institute, created under the new CI process, and has had a major impact on regional approaches to research and educational program development. The Committee is disappointed that NOAA did not request any funding for this cooperative institute that NOAA itself created. The Committee believes this is yet another unfortunate example of NOAA's failure to provide adequate services that address the pressing and critical needs in the Gulf of Mexico. The gulf region is a significant contributor to the Nation's economy, and NOAA's own data shows that the gulf experiences the highest frequency of severe weather and is affected by more disasters than any other region. Therefore, the Committee expects NOAA to end this inequity by providing adequate base funding for this activity in future budget requests.

*National Sea Grant College Program.*—The Committee provides \$63,085,000, of which \$4,800,000 is for marine aquaculture research and \$2,000,000 is for aquatic invasive species research; both activities shall be coordinated by NOAA's Sea Grant office. The Committee recognizes the important role the Sea Grant program plays in connecting coastal and Great Lakes communities with practical research and results, and encourages the growth of this program in future budget requests.

*Ocean Exploration.*—The Committee continues to fund the Ocean Exploration program and the National Undersea Research Program separately, as these are two distinctly different activities, a consideration that was reinforced by their divided authorizations in the recent Omnibus Public Lands Management Act (Public Law 111-11). The Committee provides additional funding for Ocean Explo-

ration to further support ongoing operations in the Pacific and to advance exploration in the Indian Ocean.

NOAA NATIONAL WEATHER SERVICE

The Committee's recommendation provides \$889,122,000 for the NOAA National Weather Service [NWS]. NWS programs provide timely and accurate meteorologic, hydrologic, and oceanographic warnings and forecasts to ensure the safety of the population, mitigate property losses, and improve the economic productivity of the Nation. NWS is also responsible for issuing operational climate forecasts for the United States.

Committee recommendations are displayed in the following table:

NATIONAL WEATHER SERVICE OPERATIONS, RESEARCH, AND FACILITIES

[In thousands of dollars]

	Committee recommendation
Operations and Research:	
Local Warnings and Forecasts Base .....	617,842
Air Quality Forecasting .....	5,445
Alaska Data Buoys .....	1,683
Sustain Cooperative Observer Network .....	1,871
NOAA Profiler Network .....	4,756
Pacific Island Compact .....	3,515
Strengthen U.S. Tsunami Warning Network .....	23,264
Advanced Hydrological Prediction Services .....	6,037
Aviation Weather .....	11,363
WFO Maintenance .....	7,316
Central Forecast Guidance (includes Hurricane Center) .....	79,525
National Mesonet Network .....	16,000
<b>Total, Operations and Research .....</b>	<b>778,617</b>
Systems Operation & Maintenance:	
NEXRAD .....	46,248
ASOS .....	11,202
AWIPS .....	39,346
NWSTG Backup—CIP .....	5,512
Weather Radio Transmitters and Communications .....	2,297
<b>Total, Systems Operation &amp; Maintenance .....</b>	<b>104,605</b>
Congressionally Designated Projects .....	5,900
<b>TOTAL, NWS .....</b>	<b>889,122</b>

*National Centers for Environmental Prediction [NCEP].*—The Committee encourages NCEP to continue to improve the performance of its computer modeling for weather, climate, hydrological and ocean prediction to ensure U.S. forecasting capabilities lead the world. The Committee encourages NCEP to fully draw upon the resources of the U.S. academic community to better implement emerging scientific and technological advances.

*Williston Radar.*—The Committee remains concerned about the ability of the National Weather Service [NWS] to adequately forecast weather, especially snow events, without the Williston radar. NOAA is directed to continue operations and staffing at the Williston Radar Station until independent research substantiates

that any other radars in the forecast area can provide coverage for all light and heavy weather activity in the region.

*National Mesonet Program.*—The Committee recommends \$16,000,000 for continuation and expansion of the national mesonet program. Funds shall be allocated as follows: (1) \$8,500,000 to maintain data procurements from existing surface in situ mesonet observations, including those observations added as a result of the fiscal year 2009 expansion of the National Mesonet program; (2) \$6,000,000 for competitive expansion of the national mesonet program to include integration of additional surface in-situ observational data from existing networks, with 75 percent of the funds for data acquisition from urban and 25 percent for non-urban (rural, mountainous, and coastal) areas; (3) \$500,000 for the National Mesonet Program Office for program oversight and data utilization initiatives; and (4) \$1,000,000 for data validation tools for quality control and network monitoring and reliability, with up to \$500,000 of these funds for MADIS expansion. Funds for MADIS expansion should be contingent upon submission of a plan that shows a multi-year justification for why MADIS expansion is preferable to competitive procurement of tools developed by the private sector for the same purpose. The Committee is disappointed that the fiscal year 2010 budget request ignored the 2009 National Research Council report, “Observing Weather and Climate From The Ground Up: A Nationwide Network of Networks”, which called for the establishment of a federally funded national mesonet program and expects NOAA to include in its fiscal year 2011 budget a robust and expanded national mesonet program. Further, the Committee notes it required NOAA to submit a plan 90 days after enactment of the fiscal year 2009 Omnibus Appropriations on implementation of the national mesonet program, a deadline with which the Agency has not complied. The Committee expects this plan to be submitted within 30 days of the Committee filing its report on the fiscal year 2010 Commerce, Justice, science and related agencies appropriations bill.

NOAA NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE

The Committee’s recommendation provides \$176,065,000 for National Environmental Satellite, Data, and Information Service [NESDIS]. NESDIS programs operate environmental polar-orbiting and geostationary satellites and collect and archive global environmental data and information for distribution to users in commerce, industry, agriculture, science and engineering, the general public, and Federal, State, and local agencies.

Committee recommendations are displayed in the following table:

NATIONAL ENVIRONMENTAL SATELLITE, DATA & INFORMATION SERVICE OPERATIONS, RESEARCH, AND FACILITIES

[In thousands of dollars]

	Committee recommendation
Environmental Satellite Observing Systems:	
Satellite Command and Control Base .....	39,562
NSOF Operations .....	7,810

NATIONAL ENVIRONMENTAL SATELLITE, DATA & INFORMATION SERVICE OPERATIONS, RESEARCH,  
AND FACILITIES—Continued

[In thousands of dollars]

	Committee recommendation
Product Processing and Distribution .....	32,698
Product Development, Readiness & Application .....	20,671
Product Development, Readiness & Application (Ocean Remote Sensing) .....	3,979
Joint Center/Accelerate Use of Satellites .....	3,320
Commercial Remote Sensing Licensing & Enforcement .....	1,301
Office of Space Commercialization .....	649
Group on Earth Observations [GEO] .....	500
<b>Total, Environmental Satellite Observing Systems .....</b>	<b>110,490</b>
<b>Data Centers &amp; Information Services:</b>	
Archive, Access & Assessment .....	36,000
KY .....	1,361
MD .....	5,435
NC .....	275
WV .....	1,534
Regional Climate Centers, NE, IL, NY, NC, LA, NV .....	3,900
Coastal Data Development .....	4,559
Environmental Data Systems Modernization .....	9,511
<b>Total, NOAA's Data Centers &amp; Information Services .....</b>	<b>62,575</b>
Congressionally Designated Projects .....	3,000
<b>TOTAL, NESDIS .....</b>	<b>176,065</b>

NOAA-WIDE PROGRAM SUPPORT

The Committee recommendation provides \$432,240,000 for NOAA-wide program support. These programs provide for overall NOAA management, including staffing of the Under Secretary's office and services to NOAA and DOC field offices through the regional Administrative Support Centers. These programs also support NOAA's Education Office consistent with the recommendations of the Joint Ocean Commission. The facilities subactivity provides for repair and maintenance to existing facilities; facilities planning and design; and environmental compliance. The Office of Marine and Aviation Operations provides aircraft and marine data acquisition, repair, and maintenance of the existing fleet, planning of future modernization, and technical and management support for NOAA-wide activities through the NOAA Commissioned Corps.

Committee recommendations are displayed in the following table:

PROGRAM SUPPORT OPERATIONS, RESEARCH, AND FACILITIES

[In thousands of dollars]

	Committee recommendation
<b>Corporate Services:</b>	
Under Secretary and Associate Offices Base .....	29,438
Facilities .....	30,346
NOAA Wide Corporate Services & Agency Management .....	115,561
DOC Accounting System .....	10,171
IT Security .....	2,089
DOC Working Capital Fund .....	41,944

## PROGRAM SUPPORT OPERATIONS, RESEARCH, AND FACILITIES—Continued

[In thousands of dollars]

	Committee recommendation
Total, Corporate Services .....	229,549
NOAA Education Program:	
Education Program/Initiative .....	1,500
Competitive Educational Grants .....	12,000
Educational Partnership Program/Minority Serving Institutions [EPPMSI] .....	14,323
BWET Regional Programs .....	7,200
Total, NOAA Education Program .....	35,023
Marine Operations & Maintenance:	
Marine Services .....	117,625
Fleet Planning and Maintenance .....	17,034
Aviation Services .....	29,509
Total, Marine Operations & Maintenance .....	164,168
Congressionally Designated Projects .....	3,500
GRAND TOTAL, PS .....	432,240

*NOAA Education.*—The Committee strongly supports NOAA’s education programs to increase environmental and ocean literacy and has provided an additional \$6,957,000 to the budget request for competitive education grants. NOAA is encouraged to support informal education partnership efforts to use new online broadband and digital media technologies to improve STEM education related to weather, climate, the Great Lakes and the ocean. NOAA is also directed to use \$2,500,000 of these funds to continue education and public outreach opportunities with accredited zoos and aquariums, an initiative created in fiscal year 2009.

*B–WET.*—The committee provides \$7,200,000 for NOAA’s successful regional B–WET education partnership program, of which, no less than \$1,500,000 shall be for Hawaii’s B–WET program, and no less than \$3,500,000 shall be for the Chesapeake B–WET program.

*Marine Operation.*—Within 90 days of enactment of this act, NOAA shall provide the Committee with a report recommending how the agency could modernize its Ketchikan, Alaska port facility, complete with cost estimates and priorities.

*Aviation Operations.*—The Committee encourages NOAA, working with the Federal Aviation Administration, to continue to investigate the potential opportunities created, and the risks posed, by unmanned aerial vehicles [UAV] operating in civil air space. Recent advancements in UAV technology have progressed so much that these vehicles are on the cusp of conducting routine environmental missions as a matter of standard operations. NOAA’s unique aviation expertise, as a provider of quality control and a developer of national standards, is a valuable national asset to the UAV industry which clearly has the potential to conduct operations not only on behalf of NOAA programs, but also that of other agencies and even academia.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION OPERATIONS, RESEARCH AND FACILITIES CONGRESSIONALLY DESIGNATED PROJECTS

Recipient	Project	Description	Amount
National Ocean Service	Texas Height Modernization	update topographical elevation models	\$300,000
Texas A&M University—Corpus Christi, Corpus Christi, TX	Hawaii Institute of Marine Biology (HIMB) Coral Research	support coral research in the Hawaiian Archipelago and the Fagatele Bay Sanctuary in American Samoa.	2,250,000
University of Hawaii, Kaneohe Bay, HI	Hawaii Coral Reef Initiative (HCRI)	support University of Hawaii's coral reef monitoring, assessment, and research focused on invasive species, water quality, population structure and recruitment.	1,000,000
University of Hawaii, Honolulu, HI	International Pacific Research Center	conduct systematic and reliable climatographic research for the Pacific region.	1,500,000
Northwest Straits Commission, Mount Vernon, WA	Northwest Straits Marine Conservation Initiative	supports a citizen-driven environmental protection commission.	1,600,000
University of Alaska, Fairbanks, Statewide, AK	Extended Continental Shelf Mapping	map the extended continental shelf [ECS]	300,000
National Marine Fisheries Service	Seal and Steller Sea Lion Biological Research	monitor ice seal populations in Native villages, and research on species delineation.	300,000
State of Alaska, Coastal Alaska, AK	US/Canada Yukon River Salmon Agreement Studies	supports ongoing projects required to implement the Federal Government's Yukon River Salmon Agreement [YRSA], which is an annex of the U.S./Canada Pacific Salmon Treaty.	500,000
State of Alaska, Yukon River, AK	Turtle Observer Funding/Gulf of Mexico Grouper Fishery	monitor and report the number of threatened loggerhead sea turtle interactions with long line fishing boats.	250,000
NOAA Southeast Science Center, Miami, FL	Gulf of Mexico Recreational Fishery Electronic Logbook Pilot	create a pilot electronic logbook program for the red snapper fishery in the Gulf of Mexico.	50,000
Florida Fish and Wildlife Conservation Commission, Tallahassee, FL	Hawaii's Living Seascapes Improvement	improve Hawaii's nearshore environment by working with communities to help increase the number and diversity of fish nearshore.	1,000,000
Hawaii Community Foundation, Honolulu, HI	Emergency Plan to Save Oyster Production on the West Coast	ocean chemistry monitoring and hatchery retrofitting	500,000
Pacific Coast Shellfish Growers Association, Port Townsend, WA	Center for Marine Education and Research—Ocean Expo—Learning Center	further develop a research, conservation and rehab center for marine mammals.	1,000,000
Institute for Marine Mammal Studies, Guilford, MS	Groundfish Industry Emergency Economic Assistance	for the Maine groundfish industry	1,000,000
Maine Department of Marine Resources, Augusta, ME	Continuation of Protected Species Bycatch Reduction Maine Groundline Exchange Program	provide economic relief to Maine lobstermen	550,000
Maine Department of Marine Resources, Augusta, ME	Herring Monitoring Research	research, assess, and monitor Atlantic herring fishery resource.	300,000

University of Hawaii, Honolulu, HI .....	Joint Institute of Marine and Atmospheric Research [JIMAR] Pelagic Fisheries research Program [PFRP].	provide applied scientific information on pelagic (open ocean) fisheries to the Western Pacific Fishery Management Council for use in development of fisheries management policies. Provide relief for Hawaii fishermen whose big eye tuna limitations are anticipated before the end of the season.	1,250,000
NOAA/Fisheries, Honolulu, HI .....	Western and Central Pacific Fisheries Commission [WCPFC] Big Eye Tuna Quotas.	support the sustainable use of pelagic fishery resources and the production of healthy, safe domestic seafood by the Hawaii fishing and seafood industry.	3,000,000
NOAA/Fisheries, Honolulu, HI .....	Hawaii Seafood Safety and Sustainability .....	support development of the Hawaiian Archipelago Marine Ecosystem research [HAMER] Plan as a key research and management initiative.	1,500,000
NOAA/Fisheries, Honolulu, HI .....	Western Pacific Integrated Ecosystem Assessments .....	develop economically viable technology for marine finfish culture.	500,000
Oceanic Institute, Waimanalu, HI .....	Hawaii Fisheries Development .....	establish a marine education and training program in the Pacific Islands and Alaska as authorized in Magnuson Stevens.	400,000
NOAA/Fisheries, Honolulu, HI .....	Magnuson-Stevens: Marine Education and Training .....	establish a marine education and training program in the Pacific Islands and Alaska as authorized in Magnuson Stevens.	1,000,000
School for Marine Science and Technology [SMAST], New Bedford, MA.	New England Multi-Species Surveys and Development .....	New England multi-species groundfish surveys, research and development.	3,000,000
Massachusetts Marine Fisheries Institute, New Bedford, MA .....	Scallop Fishery Assessment [MFI] .....	continued research and programming to promote scallop fishery sustainability.	1,000,000
New England Aquarium, Boston, MA .....	Consortium for Wildlife Bycatch Reduction .....	develop innovative gear solutions to reduce fishing bycatch ...	1,250,000
The Nature Conservancy, Middletown, CT .....	Long Island Sound Habitat Research Initiative .....	regional habitat initiative to identify causes of erosion and seagrass decline.	100,000
NOAA Chesapeake Bay Office, Annapolis, MD .....	Chesapeake Bay Oyster Restoration .....	restore Chesapeake Bay's native oyster populations into a healthy and sustainable fishery in Maryland and Virginia.	3,000,000
State of Alaska, Statewide, AK .....	Bering Sea Crab Management and Research .....	crab management and research activities .....	300,000
Roger Williams University, Bristol, RI .....	Narragansett Bay Shellfish Restoration .....	shellfish restoration in Narragansett Bay .....	500,000
Commercial Fisheries Research Foundation, Saunderstown, RI.	Cooperative Research and Technical Assistance .....	cooperative research, technical assistance, and equipment .....	600,000
Partnership for Mid-Atlantic Fisheries Science [PMAFS], Melville, NY.	Partnership for Mid-Atlantic Fisheries Science [PMAFS]—Fish stock improvement initiative.	supports a multi-state partnership utilizing academic and recreational/commercial fisheries resources to address the most urgent scientific issues limiting successful management of the summer flounder and black sea bass fisheries in NY/NJ.	1,000,000
NH Fish & Wildlife, Concord, NH .....	NH Commercial Fishermen Sustainability Initiative .....	provide assistance to New Hampshire's fishermen due to economic impacts of new and existing regulations.	825,000
Society for the Preservation of New Hampshire Forests [SPNHF], Concord, NH.	Merrimack River Fish Habitat Conservation .....	protect watersheds critical to New Hampshire's anadromous fish species.	300,000
University of New Orleans, New Orleans, LA .....	UNO, Pontchartrain Basin Restoration .....	conduct research and restoration of the Pontchartrain Basin ..	250,000

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION OPERATIONS, RESEARCH AND FACILITIES CONGRESSIONALLY DESIGNATED PROJECTS—Continued

Recipient	Project	Description	Amount
Oceanic and Atmospheric Research	UTSI Atmospheric Science Research .....	atmospheric science research to provide NOAA with enhanced research capabilities.	500,000
University of Tennessee Space Institute, Tullahoma, TN .....	National Sea Grant Law Center .....	legal research and assistance for Sea Grant College Programs.	750,000
University of Mississippi, University, MS .....	National Institute for Undersea Science and Technology .....	purchase the equipment and research for seafloor mapping and exploration.	3,700,000
University of Mississippi, University, MS .....	Marine Aquaculture Lab Operations .....	create, develop, and commercialize new technology to meet the U.S. demand for warm water marine aquaculture.	3,200,000
University of Southern Mississippi, Hattiesburg, MS .....	AIRMAP at UNH .....	continue weather and air quality research .....	500,000
University of New Hampshire, Durham, NH .....	New England Weather Technology and Research Initiative .....	continue weather technology and observation .....	250,000
Plymouth State University, Plymouth, NH .....	Center for the Study of Vapor Mercury in the Atmosphere .....	study the large-scale sources and fates of atmospheric mercury.	500,000
Florida State University, Tallahassee, FL .....	Observing, Modeling, and Visualizing Storm Surge Inundation.	develop a real-time probability forecast and visualization of surge inundation.	100,000
Florida International University, Miami, FL .....	Integrating Climate Change into the Restoration of the Chesapeake Bay and Watershed.	research, understand and predict the effects of climate and land-use changes on the Chesapeake Bay and its watershed.	3,000,000
University of Maryland Baltimore County (UMBC); University of Maryland Center for Environmental Science (UMCES), Solomons, Baltimore, MD.	Climate Change and Air Pollutant Impacts to New England's Rare Alpine Zone.	study the impact of climate change on New England's rare alpine zone.	350,000
Appalachian Mountain Club, Boston, MA .....	Redstone UAS Development for Weather and Atmospheric Research.	track and study weather patterns .....	300,000
Redstone Arsenal, Huntsville, AL .....	National Weather Service		
Jackson State University, Jackson, MS .....	Regional Ensembling System for Atmospheric Dispersion Forecasting.	continue dispersion forecasting capability tailored for application in the gulf coast region.	1,000,000
University of Hawaii and University of Mississippi, Honolulu, HI and Oxford, MS.	Remote Infrasonic Monitoring of Natural Hazards .....	continue the second year of collaborative research applying infrasonic technology to monitor hazards such as hurricanes and tsunamis.	2,000,000
University of Miami, Miami, FL .....	Joint Center for Hurricane Research .....	conduct research to improve hurricane forecasts .....	500,000
Susquehanna River Basin Commission, Harrisburg, PA .....	Susquehanna Flood Forecast and Warning System .....	support flood warning infrastructure and provide advanced flood warning information to communities in the Susquehanna River basin.	2,400,000

National Environmental, Satellite, Data & Information Services	Integrated Data and Environmental Applications (IDEA) Center.	support national, regional and international climate and ocean observing system.	3,000,000
NOAA National Climatic Data Center, Asheville, NC			
Program Support			
NOAA Office of Education, Honolulu and statewide, HI	Marine Education Program	supports NOAA's efforts to continue development and implementation of an integrated marine science education curriculum in Hawaii.	1,750,000
NOAA Chesapeake Bay Office, Annapolis, MD	Chesapeake Bay Interpretive Buoy System	support education and outreach activities, and expand and maintain existing buoy network.	500,000
Chesapeake Bay Environmental Center, Grasonville, MD	Chesapeake Bay Environmental Center	support restoration and education activities at the Chesapeake Bay Environmental Center.	250,000
Save the Bay, Providence, RI	Marine Education Program	marine education on Narragansett Bay	1,000,000

## PROCUREMENT, ACQUISITION, AND CONSTRUCTION

Appropriations, 2009 .....	<sup>1</sup> \$1,843,647,000
Budget estimate, 2010 .....	1,391,279,000
House allowance .....	1,409,148,000
Committee recommendation .....	1,397,685,000

<sup>1</sup>Includes \$600,000,000 in American Recovery and Reinvestment Act of 2009 (Public Law 111-5) funding.

The Committee's recommendation provides \$1,397,685,000 for NOAA's procurement, acquisition, and construction. The recommendation is \$154,038,000 above the fiscal year 2009 enacted level, not including supplemental funding, and \$6,406,000 above the budget request.

The Committee provides funding for congressionally designated projects listed within the obligation table for the Procurement, Acquisition and Construction appropriation and directs NOAA to refrain from charging administrative costs to these grants. The Committee expects that NOAA will provide appropriate management and oversight of each grant.

Committee recommendations are displayed in the following table:

## PROCUREMENT, ACQUISITION AND CONSTRUCTION

[In thousands of dollars]

	Committee recommendation
<b>National Ocean Service:</b>	
Coastal and Estuarine Land Protection Program (no more than 3 percent admin.) .....	20,000
National Estuarine Research Reserve Construction & Land Acquisition .....	3,890
Marine Sanctuaries Construction/Acquisition .....	15,995
<b>Total, National Ocean Service—PAC .....</b>	<b>39,885</b>
<b>Oceanic and Atmospheric Research:</b>	
Research Supercomputing/CCRI .....	10,379
<b>Total, Oceanic and Atmospheric Research—PAC .....</b>	<b>10,379</b>
<b>National Weather Service:</b>	
ASOS .....	1,635
AWIPS .....	24,000
NEXRAD .....	7,976
NWSTG Legacy Replacement .....	1,195
Radiosonde Network Replacement .....	4,014
Weather and Climate Supercomputing .....	26,169
Cooperative Observer Network Modernization [NERON] .....	3,734
Complete and Sustain NOAA Weather Radio .....	11,337
NOAA Profiler Network .....	7,500
WFO Construction .....	3,504
<b>Total, National Weather Service—PAC .....</b>	<b>91,064</b>
<b>NESDIS:</b>	
Geostationary Systems [GOES-N] .....	57,601
Geostationary Systems [GOES-R] .....	712,500
Polar Orbiting Systems [POES] .....	43,135
Polar Orbiting Systems [NPOESS] .....	382,200
JASON-3 .....	20,000
EOS & Advanced Polar Data Processing, Distribution & Archiving Systems .....	990
CIP—single point of failure .....	2,772
Comprehensive Large Array Data Stewardship System [CLASS] .....	6,476
NPOESS Preparatory Data Exploration .....	4,455

## PROCUREMENT, ACQUISITION AND CONSTRUCTION—Continued

[In thousands of dollars]

	Committee recommendation
Satellite CDA Facility .....	2,228
Total, NESDIS—PAC .....	1,232,357
Program Support:	
Vessel Equip. & Tech Refresh .....	1,000
Temporary Berthing for HENRY B. BIGELOW .....	1,000
New Vessel Construction .....	3,000
Total, Program Support—PAC .....	5,000
Congressionally Designated Projects .....	19,000
GRAND TOTAL—PAC .....	1,397,685

*National Polar-orbiting Operational Environmental Satellite System [NPOESS].*—The NPOESS program has struggled for years with cost overruns and schedule delays resulting in a high risk of gaps occurring to our Nation's weather and climate satellite coverage. A recent independent review team tasked with assessing all aspects of the program found many overarching flaws, ultimately determining that NPOESS is a program with a low probability of success. This conclusion reinforces the Committee's lack of confidence in the management of this important program. Although the administration provides the Committee with updates on the program's milestones and setbacks, the Committee has not received long-term, realistic budget projections that coincide with a reformed strategic plan. Changes to the overall management structure are needed to bring the program back in line, which includes modifying the relationship between NOAA and the Department of Defense, and to enlist more help from an agency with real space acquisition experience, such as NASA.

The administration has not responded to any recommendations from the recent review team, and the Committee was told that it could not expect any management changes until after the 2010 budget is passed. Recognizing how critical this satellite program is to forecasting our Nation's weather, the Committee's recommendation fully funds the budget request for 2010 based on current information. However, the program's long-term projections for success are dubious, and if NPOESS is to ultimately achieve its mission, the administration needs to disengage from its auto-pilot management style, start making responsible decisions and regain control of this unwieldy program. Within 30 days of enactment of this act, the administration is directed to provide the Committee with a new inter-agency management plan for NPOESS addressing all of the recommendations from every recent internal and external review.

*NOAA Cooperative Institute and Research Center for Southeast Weather and Hydrology.*—\$15,000,000 is provided for the continued construction of a research facility and weather related instrumentation and equipment. The Gulf of Mexico region lacks the infrastructure, research, and support from NOAA that other regions of the country have perpetually received. The Department of Com-

merce and NOAA have continued to ignore this region's vulnerability to weather-related disasters. Since 1980, the largest instances of billion dollar weather-related catastrophes have occurred in the gulf coast region. The loss of life and destruction of property from hurricanes, tropical storms, heat-waves, droughts, and flooding in this region have cost taxpayers approximately \$652,000,000,000. NOAA's own research shows that the Southeast experiences more severe weather events than any other part of the country—yet, federally funded climate and weather research in the region has lagged. The Committee notes this glaring void and encourages NOAA to work with Southeastern universities in establishing the NOAA Cooperative Institute for Southeast Weather and Hydrology. This coordinated effort will provide researchers a better understanding of the dynamics of weather and hydrology in the region.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION PROCUREMENT, ACQUISITION AND CONSTRUCTION CONGRESSIONALLY DESIGNATED PROJECTS

Recipient	Project	Description	Amount
Great Bay Resource Protection Partnership, Portsmouth, NH .....	Great Bay Land Acquisition .....	continue protection and acquisition of critical lands and habitats.	\$3,000,000
Thunder Bay Alpena, MI .....	Thunder Bay National Marine Sanctuary—Phase II .....	expand the Great Lakes Maritime Heritage Center .....	1,000,000
Alabama Universities, Tuscaloosa, AL .....	Cooperative Institute and Research Center for Southeast Weather and Hydrology.	better understand the dynamics of weather and hydrology in the Southeast U.S. and its impact.	15,000,000

## PACIFIC COASTAL SALMON RECOVERY FUND

Appropriations, 2009 .....	\$80,000,000
Budget estimate, 2010 .....	( <sup>1</sup> )
House allowance .....	
Committee recommendation .....	80,000,000

<sup>1</sup>The budget request, as amended, recommended \$50,000,000 for this account within NOAA/ORF by transfer.

The Committee's recommendation provides \$80,000,000 for the Pacific Coastal Salmon Recovery Fund. The recommendation is the same as the fiscal year 2009 enacted level. Funds are for conservation initiatives to help recover Pacific salmon populations. State and local recipients of this funding will provide matching contributions of at least 33 percent of Federal funds. In addition, funds will be available to tribes that do not require matching dollars.

## COASTAL ZONE MANAGEMENT FUND

Appropriations, 2009 .....	(\$3,000,000)
Budget estimate, 2010 .....	(3,000,000)
House allowance .....	(3,000,000)
Committee recommendation .....	(3,000,000)

The recommendation includes requested language allowing not to exceed \$3,000,000 collected pursuant to the Coastal Zone Management Act to be transferred to the "Operations, Research and Facilities" account to offset the costs of implementing that act.

## FISHERIES FINANCE PROGRAM ACCOUNT

Appropriations, 2009 .....	(\$4,000,000)
Budget estimate, 2010 .....	(5,000,000)
House allowance .....	(5,000,000)
Committee recommendation .....	(6,000,000)

The Committee recommends that direct loans administered through this account for individual fishing quotas may not exceed \$16,000,000.

## OTHER

## DEPARTMENTAL MANAGEMENT

## SALARIES AND EXPENSES

Appropriations, 2009 .....	\$53,000,000
Budget estimate, 2010 .....	64,000,000
House allowance .....	53,000,000
Committee recommendation .....	61,000,000

The Committee's recommendation provides \$61,000,000 for Departmental Management Salaries and Expenses. The recommendation is \$8,000,000 above the fiscal year 2009 enacted level and \$3,000,000 below the budget request.

Within Departmental Management, the Salaries and Expenses account provides funding for the Secretary, Deputy Secretary, and support staff. Responsibilities involve policy development and implementation affecting United States and international activities, as well as establishing internal goals and operations of the Department. The Committee recommendation supports many of the administration's new initiatives.