

Coastal America Federal Agency Commitments to Coastal Ecosystem Learning Centers

June 1, 2006

Following is list of services and materials each federal agency has committed to provide to each of the Coastal Ecosystem Learning Centers at their designation ceremonies. Although this is not a comprehensive list of ways in which federal agencies have supported the Learning Centers prior to or since their designation, Coastal America partners may find this information helpful in identifying opportunities to collaborate.

Please call the Coastal America Education/Outreach Director at 202/401-9928 if you have questions regarding this information.

KEY

- AK Alaska SeaLife Center in Seward, AK

- AOP Aquarium of the Pacific, CA
- DISL Dauphin Island Sea Lab, AL

- FL Florida Aquarium in Tampa, FL
- HAT Hatfield Marine Science Center in Newport, OR
- IGFA International Game Fish Association Fishing Hall of Fame and Museum in Dania Beach, FL

- JGS John G. Shedd Aquarium, Chicago, IL
- MB Monterey Bay Aquarium in Monterey Bay, CA
- MYS Mystic Aquarium in Mystic, CT
- NAIB National Aquarium in Baltimore, MD
- NMRMA National Mississippi River Museum & Aquarium, IA

- NE New England Aquarium in Boston, MA

- NC North Carolina Aquariums, Coastal NC
- NY New York Aquarium, Coney Island, NY
- SCA South Carolina Aquarium in Charleston, SC

- TSA The Seattle Aquarium in Seattle, WA
- TX Texas State Aquarium in Corpus Christi, TX

- WA Waikiki Aquarium in Honolulu, HI

- GA Georgia Aquarium in Atlanta, Georgia

AGRICULTURE

Commitments	Learning Center Recipient
Educational materials, such as wetland and wildlife posters, for	NE, FL, MYS, NAIB, NY, TX, WA, IGFA, SCA, DISL,

educational packets.	NMRMA, NC, GA
Technical expertise on non point pollution, watershed protection, and/or native plants related to agriculture and erosion control	FL, MYS, NAIB, NY, IGFA, SCA, DISL, NC
Native plants from NRCS's Plant Materials Center and ongoing technical support for onsite landscaping, regional restoration projects or educational programs. Tree planted on site (Forest Service).	MB, HAT, WA, TSA, SCA, DISL, AOP, NMRMA, NC
Support development of a Conservation Plan and habitat restoration program, including restoration of a wetland, and provide funding as appropriate through existing programs e.g. Wetland Reserve Program	HAT, WA
Marine environment sculpture (Forest Service)	HAT
Shared interpretive and educational programs (Forest Service)	HAT, GA
Original, numbered prints of historic Heceta Head Lighthouse (FS)	HAT
Partner with the CELC to offer environmental education through the Sewee Visitor and Environmental Education Center (operated by the Forest Service and the U.S. Fish and Wildlife Service)	SCA
University of Alaska student intern	AK
Link between Natural Resources Conservation Services webpage	AK, WA, DISL
Provide educational support for one day per month for six months	AK
Provide speakers, rotating displays, and/or visits from Smoky Bear	AK, SCA
Conduct off-site nature walks and host joint interpretive and educational training for Forest Service and CELC staff	AK
Technical expertise on some or all of the following: watershed protection, non-point source pollution, erosion control, dune stabilization, and exhibit development	WA, SCA, DISL, AOP, NMRMA, NC
Provide staff and other necessary resources to support education and awareness about connections between the mountains and the Sound	TSA
Assist The Seattle Aquarium CELC in serving as a center for connecting urban communities with the mountains and National Forests	TSA
Provide technical assistance on information systems including GIS and computerized displays	IGFA
Make available a variety of exhibits that can be loaned to the museum. Exhibits cover issues such as private lands conservation, the Farm Bill, and others. (NRCS)	NMRMA
Provide computer equipment	NMRMA
Provide online access to fisheries and wildlife photographs	GA

(Forest Service)	
Create partnerships with nearby National forests (Forest Service)	GA
Provide technical assistance with developing and interpreting exhibits (Forest Service)	GA

AIR FORCE

Commitments	Learning Center Recipient
Educational materials and staff time to support educational/outreach activities	MYS, WA,
Resource handbook “Conserving Biodiversity on Military Lands”	NAIB, NY, MB, TX, HAT, AK
“DoD Aircrew Environmental Awareness,” “Stormwater Prevention,” and “Polar Bear Awareness” videos	MB, TX, AK
Collaborate with the Learning Centers on projects such as coral reef research and logistical support	NAIB, NY
Donate poster “USAF Conservation Program”	AK
Provide access to research, surveys, data, and video footage from Andersen Marine Resources Preserve.	WA
Technical expertise, meeting room space, and access to near shore waters for surveys in Hawaii and Andersen AFB, Guam	WA
Copies of all completed coastal studies that occur at the 611 Air Support Group’s 16 coastal installations	AK

ARMY

Commitments	Learning Center Recipients
Provide COE publications, CD-ROMs and other educational materials on coastal or restoration topics, including “A Junior Scientist Guide to Wetlands,” “Exploring the California Coastline” brochures, and brochures on salmon recovery and water resources planning.	FL, MYS, HAT, NE, AK, MB, WA, IGFA, TSA, SCA, NMRMA, NC, GA
Technical expertise to develop exhibits on ecosystem restoration	MYS, FL, AK, NE, MB, TSA, GA

Provide expert speakers to discuss coastal issues such as beneficial use of dredged material and habitat restoration and conduct educational presentations	NAIB, NY, MB, TX, AK, WA, IGFA, SCA, AOP, NMRMA, NC
Support a collaborative restoration project	NAIB, NY, TSA, SCA, JGS
Provide a day aboard a COE research vessel for data collection	NY, NMRMA
Provide local geophysical and biological data	NY, SCA
Technical assistance concerning wetlands, special aquatic sites, coastal engineering, and hydrology.	WA, SCA, AOP, NMRMA
Broaden the educational partnering opportunities between CELC and COE's Lock and Dam facilities	TSA, NMRMA, JGS
Miscellaneous school supplies	IGFA
Provide COE vessels for educational tours when they are in the area	HAT, TSA
Provide historical photo of the Aquarium of the Pacific site	AOP
Renewed partnering agreement between the CELC and COE	NMRMA
Create train-the-trainer type opportunities between the COE and museum staff	NMRMA
Provide information on navigable waterways, including educational materials and navigation charts	NC
Provide engineering research and Development Center Care package which will include CDs, brochures and educational materials	GA
Provide Comprehensive Everglades Restoration Program Educational Posters and Lesson Plans	GA
Provide maps and brochures of SAD lakes and recreational facilities	GA

COMMERCE

Commitments	Learning Center Recipients
Access to NOAA vessels: R/V Laidly, R/V Alosid, MacArthur, Rainier, etc for educational purposes and cruise time	NE, NAIB, MB, AK, JGS
Ongoing effort with Woods Hole Oceanographic Institute documenting Sachuest Marsh recovery on Web site	NE
Commitment to provide scientific and technical expertise on marine mammals and fishing issues in the Gulf of Mexico	FL
Technical assistance in developing marine and estuarine exhibits,	NAIB, HAT, TX, IGFA, AOP,

including sustainable fisheries, protected resources and habitat conservation, and marine wetlands.	NMRMA
A computer-generated drawing of a TED (turtle excluding device) and a BRD (bycatch reduction device) operating on a shrimp trawl	FL
A turtle excluding device (TED)	TX
A shrimp trawl cod end with a bycatch reduction device (BRD) and a TED for use in educational programs, and various other educational materials	SCA, NC
Access to confiscated items to support the Aquarium exhibits, including a stuffed seal, seal pelts of various species, boots and clothing made of sealskin, whale bones and baleen, black coral, sperm whale teeth, a turtle carapace, a seal fur jacket, and a can of whale meat	MYS, NAIB, NY, MB, HAT, AK, WA, TSA, AOP
Teacher's guides for incorporating ocean-related studies into classroom activities	HAT, NC
Collaboration with Learning Centers through research and educational programs through the National Estuarine Research Reserve System, the National Marine Sanctuary Program, the National Sea Grant College Program, as well as other programs such as NOAA's Teacher-at-Sea Program and the Classroom-at-Sea Program with NOAA ships in the area	AK, NAIB, NY, TX, JGS, NC
Posters, videos, CDs and other educational materials, e.g., "Turning the Tide," "Fishes of the Gulf of Mexico," "Restoring the Nation's Environment," Sea Grant materials	MYS, NAIB, NY, MB, HAT, TX, WA, IGFA, SCA, DISL, JGS, NC
Visiting scientists and speakers for Learning Center programs	MB, AK, IGFA, TSA, SCA
Provide outreach materials and assist in setting up special displays on topics pertaining to the Montrose DDT Restoration Program	AOP
A "Notice to Mariners" on the locations of the pipeline outfall, and the tour boat dock for the Center, and this information will be incorporated into NOAA's next chart edition	AK
Continue to provide content, coordination, and support for the Salmon Information Center located at The Seattle Aquarium	TSA
Aerial maps of South Florida including benthic resource mapping	IGFA
NOAA's Olympic Coast National Marine Sanctuary will provide \$40,000, technical assistance, and other educational program support for additions to the sea otter exhibit.	TSA
Explore establishing links from the NOAA/NMFS web sites to the Learning Center web sites and provide information about the Learning Centers on the NOAA/NMFS sites	AK, IGFA, SCA

Support for the South Carolina Aquarium webpage	SCA
Provide support for a workshop on Marine Protected Areas	NMRMA, NAIB, TSA, AOP, TX
Provide a real time connection to NOAA's Lake Michigan buoys	JGS
Provide water quality information	NC

ENERGY

Commitments	Learning Center Recipients
Provide educational support through the Pacific Northwest National laboratory.	TSA
The laboratory will provide tours of its facilities	TSA
Provide speakers, educational materials, displays, and expertise	TSA
The Center of Excellence for Sustainable Development will review and provide comment on the NAIB Energy Report	NAIB

ENVIRONMENTAL PROTECTION AGENCY

Commitments	Learning Center Recipients
A day on the <i>OSV Peter W. Anderson</i> or the <i>Bold</i> Ocean Survey Vessel	NE, FL, MYS, NAIB, NY, TX, SCA, NC, GA
Dedication of marine scientists to work with Center providing technical expertise	NE, FL, MYS, TX, TSA, GA
Educational material about a variety of coastal issues, environmental education programs, watershed and water quality publications, including the Water Sourcebook, "Touch the Bay" educational software, and a variety of multimedia presentations	NY, MB, FL, NAIB, AK, WA, SCA, NMRMA, JGS, NC, GA
Provide speakers for aquarium programs	NY, TSA, SCA, NC
Provide grant funds for an engineering study to evaluate integration of advanced pollution prevention technologies	NY
Work with aquariums on 1998 Year of the Ocean, American Wetlands Month, National Estuaries Day, National Ocean Day, and ongoing information exchange	NY, HAT, MB, SCA, NC, GA (for year 2007)
Access to GIS data and maps	HAT, TSA, SCA, NC, GA

Manuals for Stream Walk, Wetland Walk, and Lake Walk	HAT
Scientific assistance with marine education workshops	HAT, WA, TSA, SCA, JGS
Seek opportunities to support the Aquarium staff through training, conferences, workshops, and other professional development activities	NC, GA
Senior-level staff person to serve as Coastal America liaison	TSA
In-kind printing and staff support for Salmon Homecoming	TSA
Increase links to The Aquarium on EPA's homepage	TSA, NC, GA
Provide/facilitate volunteer service in support of the Center	AK
The Gulf of Mexico Program Office will provide a grant to refine and expand a web-based Harmful Algal Bloom information exchange network at the Sea Lab.	DISL
Provide a targeted public outreach program on wetlands as part of National Wetlands Month activities in May 2002, including educational materials, programs, posters, packets, visiting scientists and presentations	AOP, GA (for each year)
Sponsor lecture series and workshop on water quality and linkages with the water quality of the Gulf of Mexico	NMRMA
Provide water quality monitoring equipment	NMRMA, GA
Invite CELC researcher into federal water quality monitoring program	JGS
Establish link between CELC and the Great Lakes Fishery Commission	JGS
EPA staff member will be provided to conduct water quality portion of Teacher Professional Development programs at the Georgia Aquarium	GA
Provide notification of grant opportunities which may become available through EPA	GA
Present a framed National Estuary Program Poster, "Estuaries: Scenes of Transition" to the aquarium for display	GA

HEALTH AND HUMAN SERVICES

Food and Drug Administration

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Commitments	Learning Center Recipients
Provide staff and other resources to support education and awareness about the safety of seafood	DISL
Provide tours of the Gulf Coast Seafood Laboratory research center	DISL
Provide expert speakers, educational materials, and expertise	DISL

HOMELAND SECURITY

Commitments	Learning Center Recipients
Open house onboard Cutter <i>Grand Isle</i>	NE
Continuing local boater education programs	NE, IGFA, NMRMA
Patrol Boat at dedication	FL, AK
Provide time on board Coast Guard vessel	AOP
Provide education/outreach material on marine safety plus other subjects, such as oil spill response, through the Sea Partners Program	FL, MYS, NY, TX, HAT, AK, WA, IGFA, SCA, DISL, AOP, NC
Search and rescue demonstration	TX, SCA
Partner with the Aquarium in field-oriented activities	AOP
Provide personnel and ship time to produce a video for PBS and classrooms	TX
Use of USCG rescue boat for educational event	HAT, IGFA
Make habitat on federal facilities and installations available for research	IGFA
A District 17 emblematic plaque for display at the Learning Center	AK
Assist with boat support as needed (provided it does not interfere with USCG mission response)	DISL
Provide tours of USCG units	DISL
Provide lecture series concerning environmental issues regarding the Mississippi River	NMRMA
Provide shared information and technical skills	NC

HOUSING AND URBAN DEVELOPMENT

Commitments	Learning Center Recipients
Exploring all options for economic and educational development funds to support educational and restoration efforts	MYS, WA, TSA, AOP
Mapping software that provides 640 different Census elements to describe the characteristics of a community	NAIB, TSA
Provide space on the HUD WWW page for advertising learning center events	BALT, MB, HAT, TSA, NC
Consulting with Neighborhood Networks Specialists	NAIB
Support educational objectives by using electronic communication to reach out to under-served communities	MB, TSA, AOP
Cooperate in future research and educational programs	HAT, WA
Provide information about HUD properties that may be available for purchase and could be developed as rain gardens, butterfly gardens, and community gardens	NC

INTERIOR

Bureau of Land Management

Commitments	Learning Center Recipients
Providing copy of the Museum's original land patent	NMRMA
Providing a curriculum covering riparian areas and buffer zones	NMRMA

INTERIOR

Fish and Wildlife Service

Commitments	Learning Center Recipients
Confiscated fish and wildlife material and products, including endangered species materials, for education and display purposes	NE, FL, MB, TX, AK, HAT, IGFA, TSA, SCA, AOP, NC
Framed educational posters, videos, journals, and other educational and outreach material related to all aspects of fish and wildlife conservation and restoration	NE, FL, MY, NAIB, NY, HAT, AK, IGFA, SCA, DISL, NMRMA, NC
Promote learning center education programs and activities	NAIB, WA, IGFA, TSA, SCA, DISL, AOP, NC

Assist the learning centers in landscaping and development of exhibits	NAIB, TSA, SCA
Develop programs on the value of habitats and open space within the urban core and provide an educational program for important beach strand species	NY
ProCite database for marine mammals (bibliographic), duplicates of marine mammal references, copies of marine mammal administrative reports and publications	AK
Provide a link and educational materials on relevant FWS sites and work	WA, NMRMA
Continue involvement with The Aquarium's Mobile Field Lab Stewardship Program	TSA
Fish and Wildlife Service to provide speakers for Learning Center programs	AK, TSA, NMRMA, NC
Develop joint exhibits at the Sewee Visitor Center	SCA
Offer the use of the Bon Secour National Wildlife Refuge and the Daphne Alabama Ecological Services Field Office for education training	DISL
Seek FWS Challenge Cost Share program grants	NMRMA
Facilitate meeting between the CELC and tribal representatives regarding interpretation of Native America views of aquatic resources of Lake Michigan	JGS
Connect CELC with regional wildlife refuges	JGS, NC
Connect CELC with regional FWS ecosystem team	JGS

INTERIOR

National Park Service

Commitments	Learning Center Recipients
A book "The Gateway Companion" about the resources of the Gateway National Recreation Area and educational materials about the programs at the Recreation Area	NY
Provide access to educational, research, and informational materials	DISL
The Gulf Islands National Seashore will partner with the Sea Lab as an outdoor laboratory, providing locations for field trips and research, and will provide logistical and staff assistance for these	DISL

programs	
Cooperative research activities on environmental contaminants in the Hudson-Raritan estuary	NY
Cooperative educational activities and mini-conferences as well as cooperative research projects at various National Parks	NY, WA, NC
National Park Service and Center received a grant to send the park environmental educational director, a Center educator, and a local high school science director to Yellowstone for three days of instruction in incorporating National Science Standards into environmental education programs	AK
Share the cost (with Washington National Parks Fund) of an educational specialist in the Seattle Office	TSA
Share materials and equipment for educational activities	TSA, NC
Provide a framed print of the Biscayne shoreline and educational material; Provide framed collage of NPS sites on the Miss. River	IGFA, NMRMA
Develop specific programs that will coordinate efforts in environmental/curriculum-based science education	AK, WA, NC
Provide a copy of Charleston's Maritime Heritage 1670-1865 to highlight the link between past cultural developments and natural history of Charleston's Harbor	SCA
Fort Sumter will support the Aquarium through joint programming for students and visitors, provide on-site learning events, and partner on exhibit development of natural and cultural history	SCA
Explore cooperation between NPS and CELC in expanding the Lake Michigan Water Trail	JGS
Attendance to CELC representatives at NPS training and workshops	NC

INTERIOR

U.S. Geological Survey

Commitments	Learning Center Recipients
Atlas of Gloria Project data which shows sea floor images of the U.S. Exclusive Economic Zone	MB
Include Aquarium representatives in regional strategy to seamlessly collect topo and bathymetric data	TSA
Provide a student intern through the Hawaiian Intern	WA

Program	
Provide facility tours	WA
Participate in cooperative research	WA
Provide educational brochures and a web link	WA, DISL, NC
Assist with the development of a section on Aquarium's website concerning terrestrial impacts on coral reefs	WA
Provide wetland and wildlife posters, slides, videos, and other display materials.	IGFA, SCA, DISL, NC
USGS speakers, technical expertise, and assistance with educational programs	MB, WA, IGFA, AOP, NMRMA, JGS, NC
Provide an educational kiosk at the Aquarium that will provide access to real-time hydrologic, water quality, and weather data observations via the Internet	SCA
Provide one half of the funds need to install, operate, and maintain a real-time data collection satellite network station , that could be equipped with stage and/or velocity, meteorological, and water-quality sensors (data viewable from kiosk).	SCA
Provide access to cartographic, remote sensing, and GIS applications, access to real-time hydrologic data and numerous other technical data	DISL, TSA, JGS, NC
Provide a framed image of the sea floor off the Los Angeles area	AOP
Provide staff-level point-of-contact for Aquarium	NC

INTERIOR

Minerals Management Service

Commitments	Learning Center Recipients
A number of books published recently as a result of MMS studies, including “The Early Stages of Fishes in the California Current Region” and Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and the Western Santa Barbara Channel”,	MB, AOP

and other books	
A CD-ROM entitled “Marine Mammal and Seabird Database Analysis System - California OCS”, and other recently published CD-ROMs.	MB, AOP
Commitment to keep the Center informed of the results of MMS-funded studies in the relevant area	MB, AOP, NMRMA
Work jointly with the Center to formulate educational materials and posters on topics of common interest	AK
Discuss the possibility of establishing a seminar exchange project	AK
Involve the Center in the development of Annual Study Plans	AK
Provide information on the MMS GIS system and help in determining if some of the data would be beneficial to the Aquarium	AOP
Offer “Visiting Scientist” guest lecturers and exhibit materials to support the Aquarium’s educational programs	AOP

INTERIOR

Bureau of Land Management

Commitments	Learning Center Recipients
Framed photo of Yaquina Head, framed poster of Yaquina Head Outstanding Natural Area, and 1,000 copies of the poster for use in educational programs	HAT
Establish an MOU to fund a “stipend for students” for five years to fund a student to perform field work at Yaquina Head	HAT

NASA

Commitments	Learning Center Recipients
Provide posters depicting the el nino and la nina phenomena, Collaborate on educational opportunities	NMRMA

NAVY and U.S. MARINE CORPS

Commitments	Learning Center Recipients
Educational materials such as videos, CD-ROMs, brochures and posters	NE, NY, FL, NAIB, HAT, AK, WA, IGFA, SCA, DISL, AOP, NMRMA, NC
Provision of a Navy vessel for a port visit and educational tours	FL, WA, TSA
Artwork and Memorabilia: Original oil painting of the NR-1; Silver plate presented to crew of USS <i>Monterey</i> by Ester Williams in 1952; Framed reproduction of a painting by local artist Dinah Bowman, depicting “Navy’s environmentally sound ships operating responsibly with nature”	MYS, MB, TX
Navy and Submarine Group TWO will partner with CA and Learning Centers to provide support and assets, such as the NR-1, as their mission allows	MYS
Provide link between Learning Centers and Office of Naval Research home page	NAIB, TSA, SCA
Set of CDs with unique recordings of calls from four species of whales and other undersea sounds recorded by the Navy’s underwater acoustic hydrophones	MB, TSA, AOP
Summary of all Navy marine mammal research projects	MB, AOP
Information on a dune restoration program using native vegetation at the Naval Postgraduate School	MB
Provide data and expertise, as available, on marine mammals, ocean acoustics, and ocean sciences for exhibit development, education programs and research	MB, NY, NAIB, IGFA, TSA, NC
Make Navy facilities available on a prearranged basis for educational tours	TX, SCA, NC
Continue to support local beach cleanup and restoration projects	TX
Periodic briefings to Aquarium staff	TSA, SCA, NC
Access to Navy restricted areas for collections in Hood Canal	TSA
Support for Operation Pathfinder/COAST workshop for teachers in the Center in 1999	HAT

SMITHSONIAN INSTITUTION

Commitments	Learning Center Recipients
Providing musical compilation of the musical	NMRMA

culture of the Mississippi River region	
Provide artifacts for exhibits	NMRMA

TRANSPORTATION

Federal Highway Administration

Commitments	Learning Center Recipients
Provide access to research data, educational material for exhibits and distribution	TSA, SCA
Provide technical support on transportation planning, land use issues, water quality, non source point control, and vegetation management	NAIB, AK, TSA, NMRMA, NC
Furnish environmental and other highway related exhibit material for loan to the aquarium	MB, IGFA
Use of 8' x 10' watershed displays and wetlands displays to be set up in the Center on a rotating basis	HAT
Provide assistance in seeking transportation enhancement funding for overflow parking, bike paths, and installation of pervious pavement	NC

State Highway Department

Commitments	Learning Center Recipients
Federal Highway Administration will work with respective State Highway Departments to provide highway signs to be installed on the freeway directing visitors to the Aquarium	MB, AOP, NMRMA, NC