



HANCOCK
MISSISSIPPI
PORT • AIR • SPACE

SUPPORTING OUR MILITARY PARTNERS





DEDICATED TO NASA AND THE U.S. MILITARY

Ready to report & ready to serve.

Hancock County Port and Harbor Commission (HCPHC) is on point to advise our leaders about the strategic advantages our county holds for both scientific and military groups and to report on the extensive activities they conduct every day in Hancock County.

With approximately 50% of county land and water dedicated to NASA and Department of Defense operations, Hancock County hosts one of the largest, most valuable, joint military centers in the United States.

We are deeply proud and supportive of the military and space agency operations here. As the economic development agency for Hancock County, HCPHC is constantly ready to welcome military and civilian Department of Defense personnel with professionalism and genuine Southern hospitality. If you are interested in anything from available sites for development to local and regional information, we invite your call at any time.

Naval Oceanography's location at Stennis Space Center offers tremendous opportunities for collaboration and partnerships.

*Rear Admiral Tim Gallaudet,
Commander, Naval Meteorology and
Oceanography Command*

Naval Special Warfare continually reaps the benefits of these great training areas right outside our front door.

*Cmdr. Clay Pendergrass,
Commanding Officer, Naval Small Craft
Instruction and Technical Training School*



OVERVIEW

FROM ROCKET TESTING TO RIVERINE WARFARE

What's in Hancock County?

- ▶ The John C. Stennis Space Center.
- ▶ Five advanced military supercomputers.
- ▶ Undersea warfare training and unmanned systems.
- ▶ The largest assembly of oceanographers in the world.
- ▶ Physicists, computer scientists, geologists and mathematicians.
- ▶ Realistic littoral battle space including riverine, coastal, air and water.
- ▶ "Spec Ops" small craft warfare training with controlled encroachment.
- ▶ A Coast Guard port security team that can be deployed anywhere in hours.

There's a lot of important and exciting work happening every day in Hancock County, Mississippi. More than 5,000 highly trained professionals (roughly 40% are Navy and Navy contractors) live and work in this region on behalf of NASA and the United States Department of Defense. Hancock County's Port and Harbor Commission is proud to support every one of them.

“
Stennis Space Center has been a vital place for the Navy to flourish. We can't imagine doing what we do anywhere else.
”

*Captain Greg Ireton
Commanding Officer, Naval
Oceanographic Office*



U.S. MILITARY OPERATIONS IN HANCOCK COUNTY

▶ Commander, Naval Meteorology and Oceanography Command

Mission: Delivers environmental information that enables the safe operation and warfighting effectiveness of the Fleet and Joint Forces. Headed by a one-star Navy admiral, Commander, Naval Meteorology and Oceanography Command is the only operational Navy flag command in the state of Mississippi.

Personnel: 21 military, 59 civilian at SSC, and 2,500 command-wide

Payroll: \$22.2 Million
Plant Value: \$35 Million
Economic Impact: \$47.4 Million within a 50 mile radius

*(CNMOC/NOOC/
NOMWC/NOAC combined)*

• Naval Oceanography Operations Command

Mission: Provide tailored meteorological and oceanographic support for global naval forces across the full spectrum of joint warfare, ensure safe fleet operations and provide an asymmetric warfighting advantage through superior understanding of the physical environment.

Personnel: 45 military and 47 civilians

• Naval Oceanography Mine Warfare Center

Mission: Provide environmental mine warfare support to the United States and coalition mine countermeasure forces through unmanned underwater vehicle platoons and personnel embedded with commands around the world.

Personnel: 66 military at SSC and 12 embedded at various commands

• Naval Oceanography Anti-Submarine Warfare Center

Mission: Provide an asymmetric advantage for anti-submarine warfare forces through application of oceanographic sciences, accurate and timely weather forecasts and exploitation of oceanographic weather and forecasts.

Personnel: 83 military and 1 civilian

▶ Naval Oceanographic Office

Mission: Optimize America's sea power by applying relevant oceanographic knowledge in support of United States national security.

Personnel: 800 including contract workers

Payroll: \$84 Million

▶ U.S. Naval Research Laboratory

Mission: The Navy's corporate research laboratory for the Navy and Marine Corps conducts scientific research, technology and advanced development.

Personnel: 200

Payroll: \$23 Million

▶ Fleet Survey Team

Mission: Provide physical battlespace awareness and safety of navigation to the fleet.

▶ **Office of Civilian Human Resources, Stennis Operations Center**

Mission: Provide a full scale of centralized HR services to assist customers in meeting their HR needs. Primary services include staffing and classification, processing personnel actions, labor/employee relations guidance and agency representation.

▶ **Naval Small Craft Instruction and Technical Training School**

Mission: Conduct Foreign Internal Defense in support of Combatant Commanders in accordance with Commander, U.S. Special Operations Command, priorities using Mobile Training Teams and in-residence training to prepare partner nation forces to conduct small craft operations in riverine or littoral environments.

Personnel: 60 military and 40 civilians

Payroll: \$3.5 Million
Economic Impact: \$680,000

▶ **Special Boat Team 22**

Mission: Organize, mentor, train and equip Naval Special Warfare personnel to conduct the full spectrum of special operations in a riverine and coastal environment to support Fleet and Joint Commanders worldwide.

Personnel: 288

Payroll: \$28.9 Million
Economic Impact: \$2.8 Million

▶ **Naval Facilities Engineering Command Southeast**

Area of Responsibility: 12 states, Andros Island, Guantanamo Bay and the Caribbean Islands

Personnel: 132 military, 1703 civilians and 48 contract workers

Payroll: \$129 Million Total
Economic Impact: \$1.9 Billion

▶ **U.S. Coast Guard Port Security Unit 308, Stennis International Airport**

Mission: Provide waterside protection to vessels, piers, harbor entrances and other key assets on deployments up to one year.

▶ **Naval Information Forces**

Mission: Support operational commanders ashore and afloat by providing combat-ready Information Warfare forces, which are forward deployable, fully trained, properly manned and capably equipped.

▶ **Navy Department of Defense Supercomputing Resource Center**

▶ **Joint Airborne Lidar Bathymetry Technical Center of Expertise**

▶ **U.S. Army Corps of Engineers**



DoD ACTIVITIES IN HANCOCK COUNTY

Commander, Naval Meteorology and Oceanography Command

The Naval Meteorology and Oceanography Command headquartered at Stennis Space Center dates back to the 1830s when the Depot of Charts and Instruments was established as the Navy’s repository for nautical charts and navigational equipment.

The command provides environmental information to help Naval and Joint forces operate more safely and effectively and make better decisions faster than the adversary.

The Navy’s only Mississippi-based active duty admiral heads the command which administers a worldwide organization of approximately 2,500 personnel. CNMOC has 21 military and 59 civilian including contractor personnel.

Naval Oceanography has approximately 2,500 globally distributed military and civilian personnel, all of whom help foster and sustain relationships with allies and international partners to enhance security cooperation and naval operations. It provides key contributions to information and undersea warfare and is an expert in unmanned systems and works closely with the U.S. Marine Corps in all facets of Joint and Naval Warfare.

Subordinate commands located at Stennis Space Center include the Naval Oceanographic Office, Naval Oceanography Operations Command, Naval Oceanography Anti-Submarine Warfare Center, Naval Oceanography Mine Warfare Center and Fleet Survey Team.



Naval Oceanographic Office

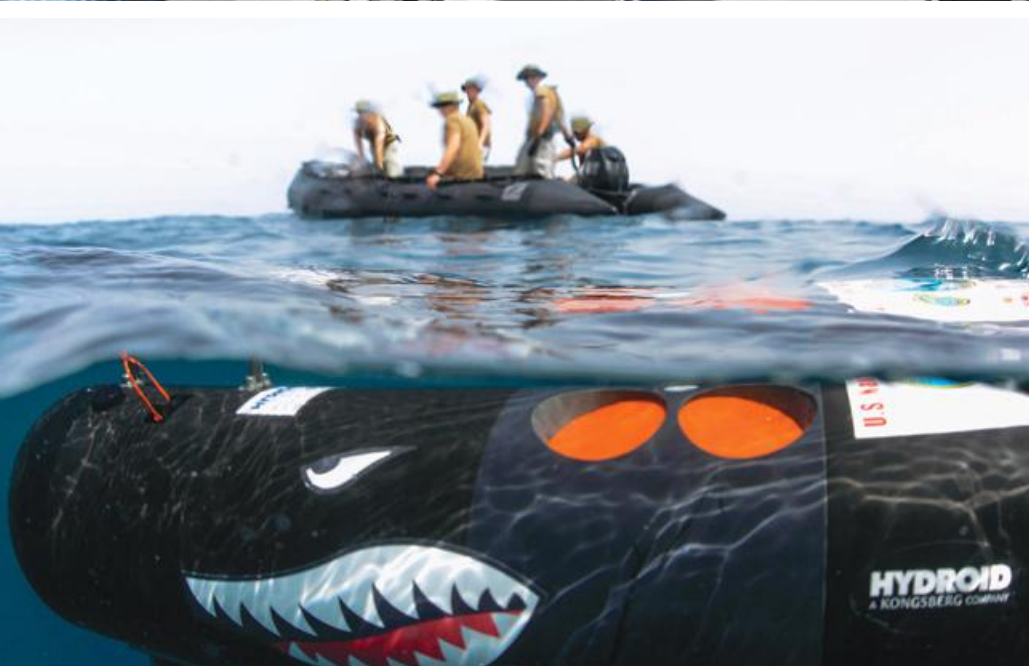
The Naval Oceanographic Office is the largest subordinate command within the Naval Meteorology and Oceanography Command. NAVOCEANO provides oceanographic products and services to all elements of the Department of Defense.

NAVOCEANO, comprised of approximately 800 military, civilian and contractor personnel, uses a variety of platforms, including ships, aircraft, satellite sensors, buoys and unmanned underwater vehicles to collect oceanographic and hydrographic data from the world's oceans.

Employees based at Stennis and others serving worldwide collect and analyze oceanographic data and produce maps and other material so Naval ships

can navigate safely and experts can plan the most effective missions to support national security.

NAVOCEANO currently has technical control of six multipurpose oceanographic survey ships: USNS Bowditch, Heezen, Henson, Pathfinder, Mary Sears and Maury; houses the Major Shared Resource Center for High Performance Computing, one of the premier supercomputing centers in the world; and oversees the subordinate command, Fleet Survey Team. FST is a rapid-response military team that conducts quick-turnaround hydrographic surveys anywhere in the world. Data are collected and processed by the team on scene to provide timely products to the warfighter.



CLOCKWISE FROM TOP

Aerographer's Mate 3rd Class Bryce Fluker attached to Naval Oceanography Mine Warfare Center in Stennis Space Center, secures the unmanned underwater vehicle (UUV) after recovery from its mine searching mission in the Baltic Sea during BALTOPS 2016.

Left Image; Aerographer's Mate Airman Howell Walls and Aerographer's Mate 2nd Class Andrew Weisgerber, both assigned to the Naval Oceanography Mine Warfare Center at Stennis Space Center, deploy an unmanned underwater vehicle to search for mines as part of a training exercise. Right Image; An unmanned underwater vehicle leaves the surface to search for mines as part of a training exercise.

U.S. Naval Research Laboratory

The U.S. Naval Research Laboratory is the Navy's corporate research laboratory for the Navy and Marine Corps and conducts a broad spectrum of scientific research technology and advanced development. The approximately 200 civilian scientists, engineers, support staff and students specialize in physical oceanography, marine geosciences, geospatial computing, numerical modeling and underwater acoustics.

The staff, which holds more PhDs at Stennis than any other agency, includes some of the country's best physicists, computer scientists, geologists, mathematicians and oceanographers.

Their cutting-edge research and development annually results in a number of patents and international recognition.

NRL has a significant presence in local school districts, where they execute an extensive Science, Technology, Engineering and Math (STEM) program that includes classroom visits, professional development for teachers and after-school programs.

Naval Oceanography Operations Command

NOOC provides tailored meteorological and oceanographic support for global naval forces across the full spectrum of joint warfare.

Subordinate commands at Stennis Space Center include Naval Oceanography Mine Warfare Center and Naval Oceanography Antisubmarine Warfare Center Stennis Space Center.

Naval Oceanography Anti-Submarine Warfare Center SSC

NOAC SSC provides an asymmetric advantage for anti-submarine warfare forces through application of oceanographic sciences, accurate and timely weather forecasts and exploitation of oceanographic weather and forecasts.

Naval Oceanography Mine Warfare Center

NOMWC provides environmental mine warfare support to the United States and coalition mine countermeasure forces through unmanned underwater vehicle platoons composed of 66 sailors at Stennis Space Center and 12 personnel embedded with global mine warfare commands around the world.

Fleet Survey Team

FST is a specially trained team that employs 90 military and civilian personnel. Deploying globally, FST conducts hydrographic surveys and related environmental assessments to enable safe and effective maritime navigation and access to the littorals for naval and joint forces.

U.S. Army Corps of Engineers

The U.S. Army Corps of Engineers acts as the real estate agent for NASA's Stennis Space Center. Responsibilities include the management of the restrictive easement as well as other real estate management efforts such as timber and wildlife management, disposals, acquisitions, easements and rights of way.





Naval Small Craft Instruction and Technical Training School

NAVSCIATTS is U.S. Special Operations Commands' International Center specializing in mobile and in-resident training across the tactical, operational and strategic spectrums strengthening partner nation capabilities and capacity.

NAVSCIATTS offers 20 courses with an average of nearly 1,000 personnel graduating from in-resident and mobile training events annually. Since 1963, nearly 11,000 students from 108 partner nations have graduated from NAVSCIATTS. Courses are offered in English and Spanish or in other languages through the use of translators.

Construction of a \$9.5 million facility to enhance training capabilities is scheduled to be completed in late 2017.

NAVSCIATTS traces its history to 1961 when a U.S. Coast Guard Mobile Training Team was sent to the Panama Canal Zone. In May 1963, the Coast Guard based the Small Craft Inspection and Training Team (SCIATT) at the U.S. Naval Station, Rodman, Panama.

In June 1969, SCIATT was transferred to the U.S. Navy and re-designated the Navy Small Craft Instruction and Technical Team. In 1998 the Chief of Naval Operations placed NAVSCIATTS under Naval Special Warfare Command and relocated NAVSCIATTS to Stennis Space Center. The first classes were held in January 2000.

Collocated with Special Boat Team 22 at Stennis, NAVSCIATTS is located on a training range along the Pearl River which the Navy considers one of the finest riverine and littoral training areas in the world.



Special Boat Team 22

Special Boat Team 22 is an echelon four command located on Stennis Space Center that works for Naval Special Warfare Group Four located in Virginia Beach, VA. SBT-22 is the only command under Special Operations Command that has the ability to conduct special operations in a riverine environment.

There are more than 250 active duty personnel, civilians and contractors assigned to the command and over 30 riverine and coastal craft. Of the active duty personnel, approximately 160 are Special Warfare Combatant Craft Crewmen who man all the special operations craft.

The command has state-of-the-art facilities located on the Pearl River allowing access to the region's numerous waterways for training. SBT-22 conducts maritime training with special operations forces from different branches of the military including the Navy, Army and Marines as well as foreign allies including Poland, Germany and Denmark.

The command was a reserve command in the West Bank of New Orleans before relocating to Stennis Space Center in 1998. When it was relocated it became an active command that supports missions in the SOUTHCOM, AFRICOM and PACOM areas of responsibility.

ABOVE

Special warfare combatant-craft crewmen (SWCC) from Special Boat Team (SBT) 22 operate special operations craft-riverine at John C. Stennis Space Center.



Coast Guard Port Security Unit 308, Stennis International Airport

Coast Guard Port Security Unit 308 is an all-reserve unit based at Hancock County Port and Harbor Commission-owned Stennis International Airport. The unit stands ready to deploy within 24 hours and establish its operations within 96 hours. PSU 308 members provide waterside protection to ports, patrol waters at military facilities and work in conjunction with other military branches as needed. The unit trains on weekends and takes part in two weeks of active duty exercises or specialized training annually. Members most recently helped maintain a continuous maritime force protection presence at Guantanamo Bay, Cuba. They also have been deployed to Bahrain, Port of Ash Shuaybah and Kuwait.





Joint Airborne Lidar Bathymetry Technical Center of Expertise

The mission of the Joint Airborne Lidar Bathymetry Technical Center of Expertise is to perform operations, research and development in airborne lidar bathymetry to support the coastal mapping and charting done by the U.S. Army Corps of Engineers, the U.S. Naval Meteorology and Oceanography Command and the National Oceanic and Atmospheric Administration.

The JALBTCX staff is based at Stennis International Airport and includes engineers, scientists, hydrographers and technicians from the Corps of Engineers Mobile District and the Engineer Research and Development Center, the Naval Oceanographic Office and NOAA's National Geodetic Survey.

Lidar (Light Detection and Ranging) is a remote sensing method that uses light in the form of a pulsed laser to measure variable distances to the Earth, usually aboard airplanes and helicopters for large areas. Bathymetric lidar uses green light pulses to penetrate water to map the seafloor and riverbeds. Along with other airborne equipment, the lidar produces accurate and precise maps used to study the impact of natural and manmade activities and events such as hurricanes on the environment.



Navy Department of Defense Supercomputing Resource Center

The Navy DoD Supercomputing Resource Center provides high performance computing services and support to the U.S. Department of Defense.

It is one of five supercomputing centers established under the auspices of the Department of Defense High Performance Computing Modernization Program.

Commander, Naval Meteorology and Oceanography Command operates the HPC center on behalf of the DoD HPCMP and is responsible for operating and maintaining the supercomputers.

Naval Facilities Engineering Command Southeast

Led by the Naval Facilities Engineering Command's Chief Engineer, Naval Facilities Engineering Command Southeast, Stennis Space Center Satellite Office performs functions under two business lines - capital improvements and environmental.

The capital improvements business line, through a vast array of specialized services including construction and facilities management activities, reduces total facility ownership costs by standardizing best technical practices, solutions, material and processes to support the entire lifecycle of U.S. Navy and Marine Corps facilities, while meeting operational and readiness requirements.

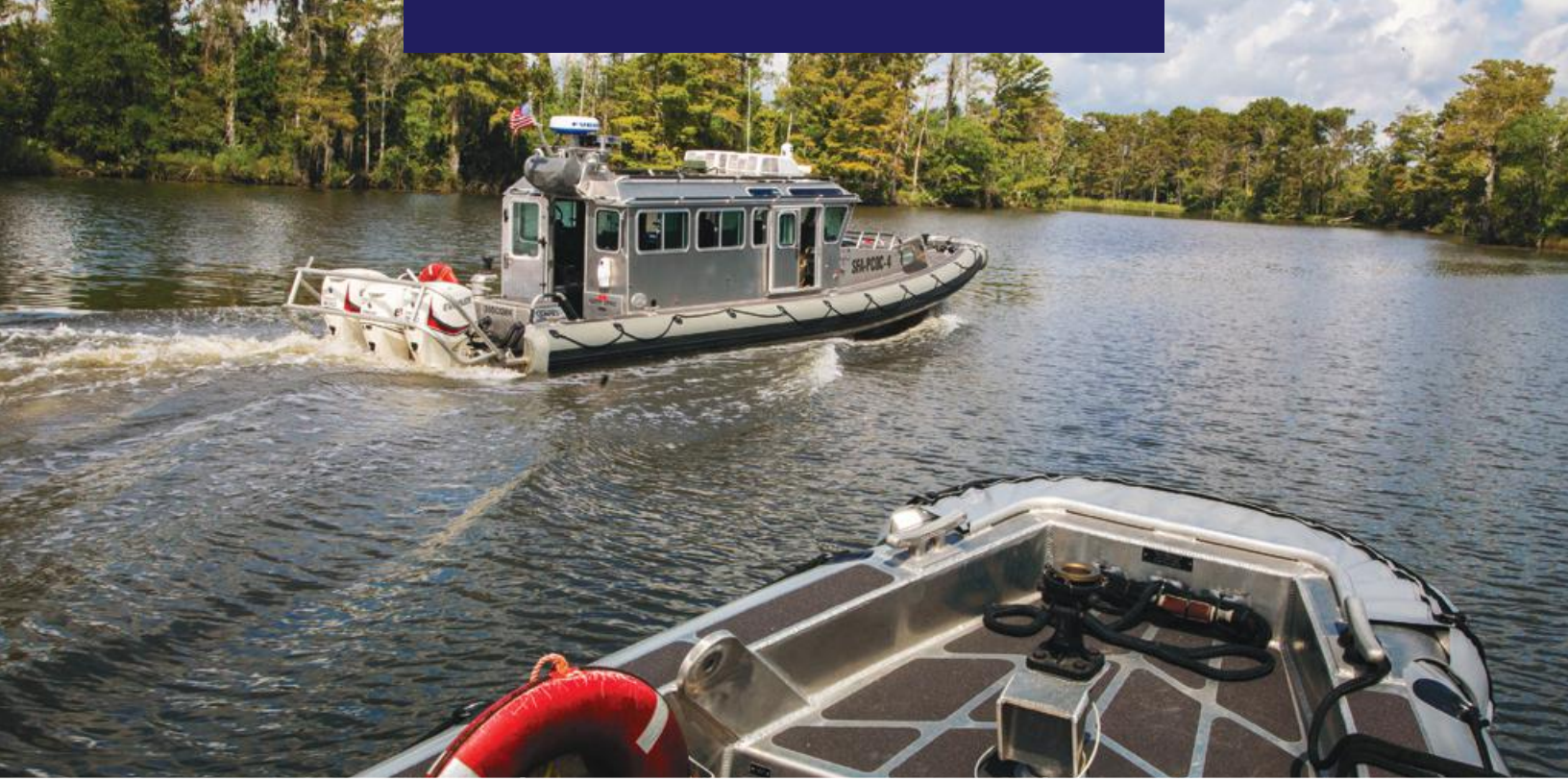


Naval Information Forces

Naval Information Forces (NAVIFOR) mission is to support operational commanders ashore and afloat by providing combat-ready Information Warfare forces, which are forward deployable, fully trained, properly manned and capably equipped.

Office of Civilian Human Resources, Stennis Operations Center

The Office of Civilian Human Resources Stennis is the executive agent for the Department of Navy interns and senior level HR career programs. It provides HR support to Naval Facilities Command, Commander Navy Installations Command, Naval Education and Training Command, Bureau of Naval Personnel, and to its overseas commands in Europe, Africa and Southwest Asia.



Hancock County Port and Harbor Commission invites your call anytime.

As the county's economic development agency, Hancock County Port and Harbor Commission is constantly ready to welcome military and civilian Department of Defense personnel with professionalism and true Southern hospitality. Whether you are interested in available sites for development, military contact information or local accommodations and attractions, **HCPHC invites your call anytime.**



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