

Elbit Integrates Active Towed Array Sonar Onboard Seagull USV



Elbit Systems has integrated the TRAPS-USV with its Seagull unmanned surface vehicle. Elbit Systems HAIFA, Israel – Elbit Systems has integrated the Towed Reelable Active Passive Sonar for Unmanned Surface Vessels (TRAPS-USV) with its Seagull USV, according to an April 14 company release. The sea trials included several deployment and recovery cycles, towing at different speeds and transmission at various power levels.

The TRAPS-USV version is a compact variant of the TRAPS, a technology that is intended for detection, classification, localization and tracking of submarines in anti-submarine warfare (ASW) operations. TRAPS versions are containerized or permanent-fit for any size, diverse-purpose vessel.

The TRAPS-USV variant is lighter weight but maintains all acoustic active sonar capabilities of TRAPS. TRAPS-USV is the compact and powerful low frequency towed sonar that was recently introduced by Geospectrum, Elbit's wholly owned Canadian subsidiary.

The Seagull autonomous multimission USV features plug and play, modular mission payload suites and can perform – in addition to ASW – mine countermeasure missions, electronic warfare, maritime security, underwater surveys and other missions using the same vessel, mission control system and data links.

Integration of the TRAPS-USV enables the Seagull to perform ASW operations on the move, substantially extending its operative range and further enhancing its flexibility. The integration of the TRAPS-USV follows the recent conversion for operation, by Israel's navy, of helicopter long-range active sonar dipping sonar onboard the Seagull USV.

Coast Guard, International Partners Seize 1,700 Pounds of Cocaine



Coast Guard Cutter Mohawk crew members conduct a boarding of the Amanda M fishing vessel in the eastern Pacific Ocean off the coast of Central America on April 9. During the boarding, the crew discovered several false compartments where they were able to uncover 1,700 pounds of cocaine and transfer four suspected smugglers to Costa Rica for legal action. U.S. Coast Guard

ALAMEDA, Calif. – The U.S. Coast Guard and Costa Rican authorities seized about 1,700 pounds of cocaine on April 9 with an estimated value of more than \$29 million from a fishing boat in international waters of the Pacific Ocean off Central America, according to the Coast Guard's 11th District.

While on patrol, a Coast Guard cutter's Helicopter Interdiction Tactical Squadron MH-65 Dolphin helicopter crew identified a fishing boat suspected of smuggling narcotics and requested the assistance of a Costa Rican Air Surveillance Service (Servicio de Vigilancia Aérea) maritime patrol aircraft.

The Coast Guard cutter's small boat arrived on scene with the fishing vessel, Amanda M, homeported in Costa Rica, with four suspected smugglers and received authorization to board the vessel.

Coast Guard members discovered several false compartments throughout the fishing boat, where they were able to uncover 1,700 pounds of cocaine.

"This interdiction is a great example of what we can accomplish with strong international partners," said Rear Adm. Peter Gautier, the 11th District's commander.

The Coast Guard transferred the four suspected smugglers to Costa Rican authorities for further legal actions.

On April 1, U.S. Southern Command began enhanced counter-narcotics operations in the Western Hemisphere to disrupt the flow of drugs. Numerous U.S. agencies from the Departments of Defense, Justice and Homeland Security cooperated in the effort to combat transnational organized crime.

The Coast Guard, Navy, Customs and Border Protection, FBI, Drug Enforcement Administration, and Immigration and Customs Enforcement, along with allied and international partner agencies, play a role in counter-drug operations.

Coast Guard Academy to Host Virtual Class of 2020 Graduation

NEW LONDON, Conn. – The U.S. Coast Guard Academy announced that it is preparing to hold a virtual graduation

ceremony on May 20 due to social distancing restrictions during the COVID-19 pandemic.

The graduating Class of 2020, along with the rest of the Academy Corps of Cadets, were on spring break when travel restrictions were imposed and were ordered to stay home. The Corps then shifted to virtual remote classes, which are ongoing.

During the virtual ceremony, Chad Wolf, the acting Department of Homeland Security secretary, is scheduled to deliver the keynote address. Coast Guard Commandant Adm. Karl Schultz also will provide remarks.

“This decision was made in the best interest of the health and well-being of our entire academy family and our local community,” said Rear Adm. Bill Kelly, the academy’s superintendent.

“I’d like to thank our faculty and staff who have made it possible to graduate the Class of 2020 on time and deliver them to their duty stations prepared to serve our nation. The entire academy community has come together to match an unprecedented mission with unprecedented effort and innovation. I am enormously proud of them.”

The Class of 2020 is the largest graduating class with 258 cadets in the academy’s 144-year history as well as the largest class of women at 102.

Theodore Roosevelt Sailor

Dies of Complications

COVID-19



Seabees assigned to Naval Mobile Construction Battalion 1 and 5 coordinate transportation of Sailors assigned to the aircraft carrier USS Theodore Roosevelt who have tested negative for COVID-19 and are asymptomatic from Naval Base Guam to Guam government and military-approved commercial lodging. U.S. Navy/Mass Communication Specialist 1st Class Nathan Carpenter

PEARL HARBOR, Hawaii – A Sailor assigned to the aircraft carrier USS Theodore Roosevelt who was admitted to the intensive care unit at the U.S. Naval Hospital Guam on April 9 died of COVID-related complications on April 13, the U.S. Navy confirmed.

The name of the Sailor is being withheld for 24 hours after the crew member's family is notified.

The Sailor, who tested positive for COVID-19 on March 30, was removed from the ship and placed in an isolation house on Naval Base Guam with four others from the Theodore Roosevelt.

Like other Sailors in isolation, he received medical checks twice daily from Navy medical teams.

At about 8:30 a.m. on April 9, the Sailor was found unresponsive during one of those medical checks. While Naval Base Guam emergency responders were notified, CPR was administered by fellow Sailors and onsite medical team in the house. The Sailor was transferred to U.S. Naval Hospital Guam, where the Sailor was moved to the ICU.

USS Theodore Roosevelt arrived in Guam on March 27 for a scheduled port visit for resupply and crew rest but remains there while its crew members are treated or housed. As of April 12, the Navy reported 945 servicewide cases of COVID-19 – a majority of those, 735, are Sailors, including 550 from the Theodore Roosevelt itself.

The captain of the carrier, Brett Crozier, who later tested positive and went into quarantine himself, drew attention to his Sailors' plight with a March 30 letter to Navy leadership.

The four-page letter was leaked and ran the next day with a story in the San Francisco Chronicle, drawing worldwide media attention to the ship and setting off a series of events that saw the captain relieved of his command and the acting Navy secretary resigned after criticizing Crozier in a profanity-laced speech in front of his crew.

In an April 13 statement, Chief of Naval Operations Adm. Mike Gilday said, "We mourn the loss of the Sailor from USS Theodore Roosevelt who died today, and we stand alongside their family, loved ones and shipmates as they grieve."

He continued: "This is a great loss for the ship and for our Navy. My deepest sympathy goes out to the family, and we pledge our full support to the ship and crew as they continue their fight against the coronavirus. While our ships, submarines and aircraft are made of steel, Sailors are the real strength of our Navy."

Marine Corps CH-53K Passes Air Refueling Tests



A CH-53K King Stallion heavy lift helicopter refuels from a KC-130J over the Chesapeake Bay on April 6. Sikorsky
NAVAL AIR STATION PATUXENT RIVER, Md. – The CH-53K King Stallion aced an air-to-air refueling test this week, successfully demonstrating long-range logistics support capabilities for the U.S. Marine Corps, Naval Air Systems Command said in a release. The 4.5-hour test was accomplished over the Chesapeake Bay with a KC-130J aerial refueling tanker.

“The aircraft went to the tanker this week and it was very successful, proving it is a long-range vertical logistic workhorse,” said Marine Col. Jack Perrin, H-53 heavy lift

helicopters program manager.

According to the CH-53K test team, the wake survey test assessed the performance of the aircraft when flying behind the tanker in strong, turbulent air. The aircraft's crew successfully plugged the drogue, a funnel-shaped basket towed behind the KC-130J. These tests were performed at increasing closure rates to ensure the CH-53K can handle the forces on the refueling probe when contacting the drogue during aerial refueling.

"The aircraft was able to meet the desired performance for all engagements," Perrin said. "The 'K' is the long-range enabler that we need now and into the future."

The CH-53K King Stallion continues to execute within the reprogrammed CH-53K timeline, moving toward completion of developmental test, leading to initial operational test and evaluation in 2021 and first fleet deployment in 2023-2024.

"The successful air-to-air refueling test reinforces the superior capabilities of the CH-53K heavy lift helicopter and its ability to carry more Marines, cargo and equipment over longer ranges and in more challenging environments than any other rotorcraft in the world," Bill Falk, Sikorsky program director, CH-53K, said in an April 10 release.

"As the only fully marinized heavy lift helicopter, it will allow the Marines the operational flexibility and reach to fly over open waters to complete long-range missions in support of expeditionary advanced base operations."

Pentagon Calls Out China Coast Guard Sinking of Vietnamese Fishing Vessel

ARLINGTON, Va. – The Defense Department spoke out against the recent actions of the China Coast Guard that violated the accepted norms of maritime freedom of navigation and sovereignty.

“The Department of Defense is greatly concerned by reports of a China Coast Guard vessel’s collision with and sinking of a Vietnam fishing vessel in the vicinity of the Paracel Islands in the South China Sea,” the department said in an April 9 statement.

“The PRC’s behavior stands in contrast to the United States’ vision of a free and open Indo-Pacific region, in which all nations, large and small, are secure in their sovereignty, free from coercion, and able to pursue economic growth consistent with accepted international rules and norms. The United States will continue to support efforts by our allies and partners to ensure freedom of navigation and economic opportunity throughout the entire Indo-Pacific.

“The COVID-19 pandemic underscores the importance of the rules-based international order, as it sets the conditions that enable us to address this shared threat in a way that is transparent, focused, and effective,” the statement added. “We call on all parties to refrain from actions that would destabilize the region, distract from the global response to the pandemic or risk needlessly contributing to loss of life and property.”

HII Begins Fabrication of Destroyer Ted Stevens



An artist rendering of the future Arleigh Burke-class guided-missile destroyer USS Ted Stevens. U.S. Navy PASCAGOULA, Miss. – Huntington Ingalls Industries' Ingalls Shipbuilding division started fabrication of the Arleigh Burke-class destroyer Ted Stevens on April 6, the company said in a release. The start of fabrication signifies that the first 100 tons of steel have been cut.

“As we begin this important milestone in the construction of another great warship, we look forward to continuing production and carrying on the extraordinary legacy of the Navy destroyer fleet,” said George Nungesser, Ingalls' DDG

51 program manager.

The ship honors former U.S. Sen. Ted Stevens, who served as a pilot in World War II and later represented Alaska. At the time he left office in 2009, he was the longest-serving Republican senator in history.

Ingalls has delivered 31 Arleigh Burke-class destroyers to the Navy. Other destroyers under construction include Delbert D. Black, Frank E. Peterson Jr., Lenah H. Sutcliffe Higbee and Jack H. Lucas.

Arleigh Burke-class destroyers are highly capable, multimission ships and can conduct a variety of operations, from peacetime presence and crisis management to sea control and power projection, all in support of the U.S. military strategy. The guided missile destroyers are capable of simultaneously fighting air, surface and subsurface battles. The ship contains myriad offensive and defensive weapons designed to support maritime defense needs well into the 21st century.

AeroVironment Awarded \$10.7 Million Puma 3 UAS Contract for Navy, Marines

SIMI VALLEY, Calif. – AeroVironment Inc. received a \$10.7 million firm-fixed-price contract award for Puma 3 AE systems and spares in February for the U.S. Navy and Marine Corps Small Tactical Unmanned Aircraft Systems (SUAS) Program, the company said in a release.

“Puma 3 AE is a combat-proven enabler of U.S. Navy and Marine Corps tactical operations, providing persistent situational awareness, expeditionary reconnaissance, surveillance, and target acquisition, force protection and overwatch – anywhere and at any time,” said Rick Pedigo, AeroVironment’s vice president of business development.

The AeroVironment Puma 3 AE is a man-portable unmanned aircraft system designed for land and maritime operations. The hand-launched Puma 3 AE has a wingspan of 9.2 feet, weighs 15 pounds and can operate for up to 2.5 hours at a range of up to 12.4 miles with a standard antenna and up to 37.2 miles with AeroVironment’s Long-Range Tracking Antenna (LRTA).

Capable of landing in water or on land, the Puma, with its Mantis i45 E0/IR sensor suite, empowers the operator with extended flight time and a level of imaging capability never available in small UAS.

AeroVironment small UAS make up most of the unmanned aircraft in the Defense Department’s inventory and its rapidly growing international customer base numbers more than 45 allies and partner nations.

Coast Guard Interdicts Lancha Crews Illegally Fishing U.S. Waters

CORPUS CHRISTI, Texas – Multiple U.S. Coast Guard law enforcement crews detected and interdicted three Mexican lancha boat crews engaged in illegal fishing in federal waters

off the coast of southern Texas on April 6.

Coast Guard crews consisting of air support, a small boat crew and a cutter stopped three lanchas about 50 miles north of the maritime boundary line where a total of 13 lanchamen were engaged in illegal fishing. About 12 miles of longline gear and illegal fishing equipment as well as 2,020 pounds of illegally caught red snapper were seized.

“The Coast Guard’s continued commitment to protecting wildlife and deterring illegal fishing is highlighted in this case,” said Chief Warrant Officer Homar Barrera, Sector/Air Station Corpus Christi command duty officer. “The teamwork between the command center and assets on scene resulted in the flawless execution of multiple interdictions.”

A lancha is a fishing boat used by Mexican fishermen that is about 20 to 30 feet long with a slender profile, having one outboard motor and can travel at speeds exceeding 30 mph. Lanchas are frequently used to transport illegal narcotics to the U.S. and illegally fish in the U.S. exclusive economic zone near the U.S./Mexico border in the Gulf of Mexico.

Philly Shipyard Selected to Build NSMV



An artist's rendering of the National Security Multi-Mission Vessel (NSMV). MARAD

WASHINGTON – TOTE Services has selected Philly Shipyard Inc. of Philadelphia to build the newest class of training ship, the National Security Multi-Mission Vessel (NSMV), the Maritime Administration (MARAD) announced April 8.

The shipyard will construct up to five new ships to provide maritime training for America's future mariners and to support humanitarian assistance and disaster relief in times of need.

"This new world-class vessel, constructed at an American shipyard, is part of our much-needed program to replace the aging training vessels currently operated by state maritime academies," Transportation Secretary Elaine L. Chao said.

Last May, TOTE contracted with MARAD as the vessel construction manager to deliver one to five NSMVs. This occurred after Congress required that the NSMVs be procured using commercial design and build practices.

Following construction and delivery of the ships to TOTE, the vessels will be transferred to MARAD for their mission of

training future licensed mariners at state maritime academies and responding to humanitarian and natural disasters.

“Investing in maritime education creates more American jobs,” Maritime Administrator Mark H. Buzby said.

The NSMV will feature numerous instructional spaces and a full training bridge and have space for up to 600 cadets to train in an at-sea academic environment.

In its role as a National Defense Reserve Fleet vessel, the NSMV will incorporate medical capabilities, a command-and-control platform and berthing for up to 1,000 first responders and recovery workers. The vessel’s roll-on/roll-off ramp and crane to facilitate container storage capabilities will enable it to provide critical support equipment and supplies to those in need during a disaster.