



ISR/IO includes engineering development and engineering services for systems and organizations that observe adversaries, collect data from seabed to space, and then fuse that data into useful, meaningful information and intelligence, allowing the warfighters to make better decisions on a shorter timeline.

SSC Pacific Unique ISR/IO Capabilities

- Agile software development for ISR systems
- ISR sensors and systems
- Unmanned systems, autonomy
- Signals intelligence/electronic warfare/information operations
- Multi-Intelligence data fusion/integration
- METOC
- Maritime test and evaluation
- Maritime/ocean surveillance



ICOP prototype workstation

Some of SSC Pacific’s current ISR/IO efforts include:

Distributed Common Ground System-Navy (DCGS-N) Inc 2: DCGS-N is the Navy’s primary ISR&T processing and exploitation system both afloat and ashore. It supports multi-intelligence processing and exploitation capabilities. DCGS-N Increment 2 will shorten targeting timelines and improve information fidelity by aggregating, correlating, and fusing all source intelligence in real-time and near real-time analysis of activities to produce predictive situational awareness.

Intelligence Carry-On Program (ICOP): A variant of DCGS-N for unit-level ships (CRUDES), and expeditionary forces operating ashore, it provides ISR and targeting support for unit-level and expeditionary forces supporting situational awareness and mission execution.

Ships Signal Exploitation Equipment Increment F (SSEE INC F): A SIGINT sensing, information operations and transmitter locating system for DDG 51, LHD, CVN, LHA, and LPD classes of ships as well as FMS variants; SSEE INC F responds to emerging threats and promotes flexibility in the tasking of system assets.

Littoral Battlespace Sensor Unmanned Undersea Vehicles (LBS-UUV): Oceanographic survey gliders and unmanned undersea vehicles (UUVs) measure ocean temperature, salinity, optical clarity, bathymetric and hydrographic data for use in safety of navigation and in planning.

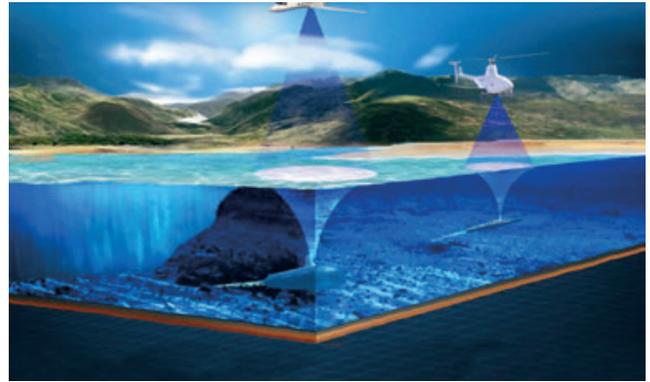
Naval Integrated Tactical Environmental System Next Generation (NITES-Next): NITES-Next will enable METOC professionals to acquire, analyze, and predict the elements of the physical environment that affect naval warfare.

Accelerated Capability for Testing and Integration of Nanosatellites (ACTION): Nanosatellites are an emerging low-cost space technology that may increase the resilience of U. S. space capabilities. Future nanosatellites will provide capabilities in communications, intelligence, surveillance, reconnaissance, environmental monitoring, and other missions. With the ACTION lab, SSC Pacific is establishing a facility for rapid prototyping and demonstration of solutions that can respond to rapidly changing threats and warfighter needs.

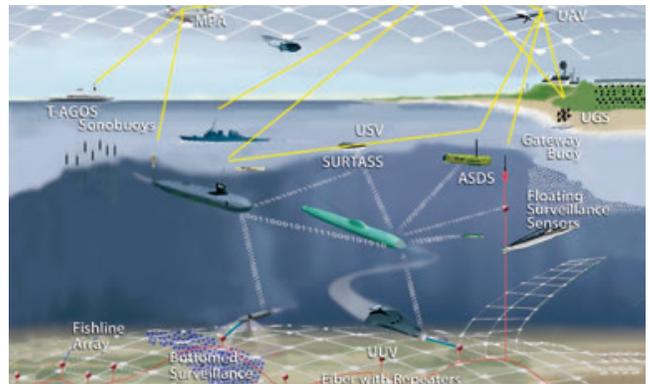
With the Warfighter

Explosive Ordnance Disposal Unmanned Underwater Vehicles (EOD UUV): EOD UUV is an acquisition program that is outfitting fleet users with capabilities to conduct underwater reconnaissance, search, location, and identification of underwater explosive ordnance, mines, and improvised explosive devices (IEDs). Developed in close coordination with fleet EOD operators, SSC Pacific is continuing to provide technical support to deployed and CONUS military units' operations and exercises while also supporting the implementation of schoolhouse training for fleet operators.

Tactical Control and Analysis Center (TCAC): TCAC receives collected intelligence from tactical, theater, and national producers and provides multi-source fused intelligence to the Marine Air-Ground Task Force commander as well as national, joint, and coalition intelligence organizations. It provides Marine Special Operations Command with robust signals intelligence and electronic warfare processing, analysis, and reporting capabilities, including linguist support, mapping, and visualization.



Linking two-way communications system submerged submarines with aircraft.



Linking C4ISR capabilities above sea, at sea, and undersea.



Enabling fleet units to locate and identify underwater mines and IEDs.

For more information
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