



## COMMAND OVERVIEW



### SPAWAR Systems Center Pacific (SSC Pacific)

**Our Mission** – Conduct research, development, delivery, and support of integrated C4ISR, cyber, and space systems across all warfighting domains.

**Our Vision** – SSC Pacific will be the Nation's Technical Leader for Integrated Information Warfare Solutions.

SPAWAR is the Navy's Information Warfare Systems Command and the Navy's designated Technical Authority for information technology opportunities.

SSC Pacific is SPAWAR's primary lab for research and development, test and evaluation, and the nation's only full spectrum, full life cycle command, control, communications, computers, intelligence, surveillance and reconnaissance (C4ISR), cyber and space technical center.

### Information Warfare through C4ISR Solutions

#### Our Core Competencies

- Cyber
- Command and Control
- Space
- Communications and Networks
- Production, Installation, and In-Service Support
- Intelligence, Surveillance, and Reconnaissance (ISR)
- Science and Technology (S&T)

### Inventors. Innovators. Integrators.

**Our People** – Our scientists, researchers, and engineers are among the nation's top innovators in a wide field of scientific disciplines.

- 4600+ civilians, including 2210 scientists and engineers, 949 technical specialists, and 287 science and engineering (S&E) technicians
- Highly educated workforce: 187 Ph.D.s and 1240 Master's degrees
- 119 patent disclosures, 46 patent applications filed, and 60 patents issued between October 2014 and September 2015

### Unique Facilities

**Our Facilities** – We offer unique laboratory settings, test beds, and simulated operational environments that are unachievable elsewhere.

- Located in San Diego, Hawaii, Guam, and Japan, close to our major customers
- Integrated and networked with naval and joint operational users, and with government, industrial, and academic partners
- High-speed fiber connecting to DoD engineering enterprise
- Unique cyber, C4ISR, and space laboratories, including:
  - Enterprise Engineering and Certification (E2C) Facility
  - Cryogenic Exploitation of Radio Frequency (CERF) Lab
  - Battlespace Exploitation of Mixed Reality (BEMR) Lab
  - Accelerated Capability for Testing and Integration of Nanosatellites (ACTION)
  - Antenna Range

## Strategic Location. Worldwide Presence.

**Our Location** – Strategically headquartered in Southern California, SSC Pacific is close to many of America’s top defense contractors, global leaders in digital communications, computing, and biotechnology, world-class educational and research institutions, and major Navy and Department of Defense (DoD) commands.

- Primary location in San Diego, California
- Overseas installations: Detachments in Hawaii, Guam, and Japan
- Close to Pacific ranges and training for all military services

## Leveraged Capital through Collaboration

**Our Partnerships** – SSC Pacific partners with industry, academia, and other government and non-government entities through the Technology Transfer office (T2). T2’s mission is to transfer intellectual property (IP), resources, and information between SSC Pacific and the business and academic communities to improve the value of our innovative and creative work. Through collaboration with local and national universities/research institutions, the Center leverages resident intellectual capital to develop mutually beneficial, cost-effective technologies. Cooperative Research and Development Agreements (CRADA) facilitated by the T2 office support the co-development of key technologies for naval use with academic and industrial partners.

Not only does T2 aid the DoD by making critical technologies readily available, it also benefits the economy and industry by providing the private sector with access to concepts that were developed for the DoD. In short, T2 ensures that government-developed technologies are commercialized to serve the nation’s current and future public needs.

## Funding

Total Funding for Fiscal Year 2015: \$2.5 billion

## With the Warfighter

- High fleet concentration area locale
- Largest number of active-duty military personnel stationed at any Navy laboratory or warfare center
- 400 civilians directly supporting C4ISR embedded with the fleet around the world



*SSC Pacific's mission area ranges from seabed to space. The Center is focused on delivering innovative space capabilities that add capacity and resilience in support of naval missions.*



*SSC Pacific conducts research, development, test and evaluation, and the delivery of cyber capabilities across all warfighting domains.*



*SSC Pacific is SPAWAR's primary lab for research, development, acquisition, test and evaluation, and the nation's only full spectrum C4ISR center.*

## For more information

Space and Naval Warfare Systems Center Pacific (SSC Pacific)  
53560 Hull Street  
San Diego, California 92152-5001  
Public Affairs Office: (619) 553-2717  
[www.spawar.navy.mil/pacific](http://www.spawar.navy.mil/pacific)