



# NDIA Executive Forum

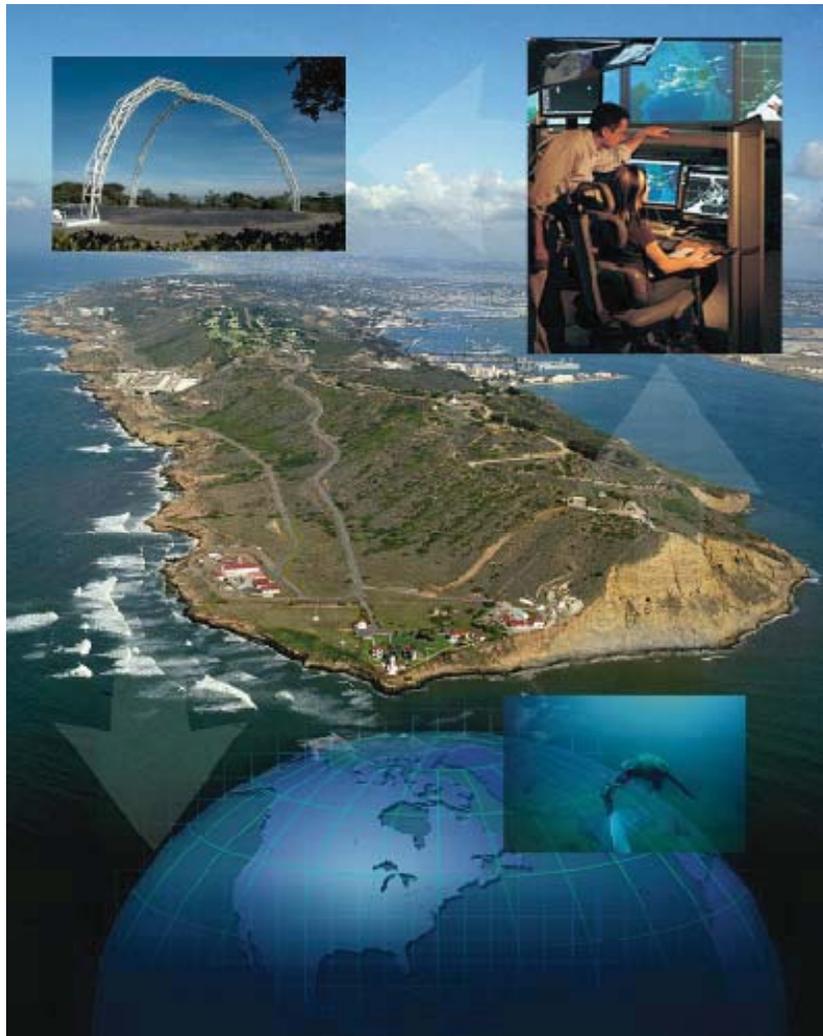
## SSC Pacific - EOY FY10 Financial Brief

CAPT Mark Kohlheim, USN, Commanding Officer, SSC Pacific  
Ms Carmela Keeney, Technical Director, SSC Pacific  
08 December 2010

*Statement A: Approved for Public Release; distribution unlimited.*



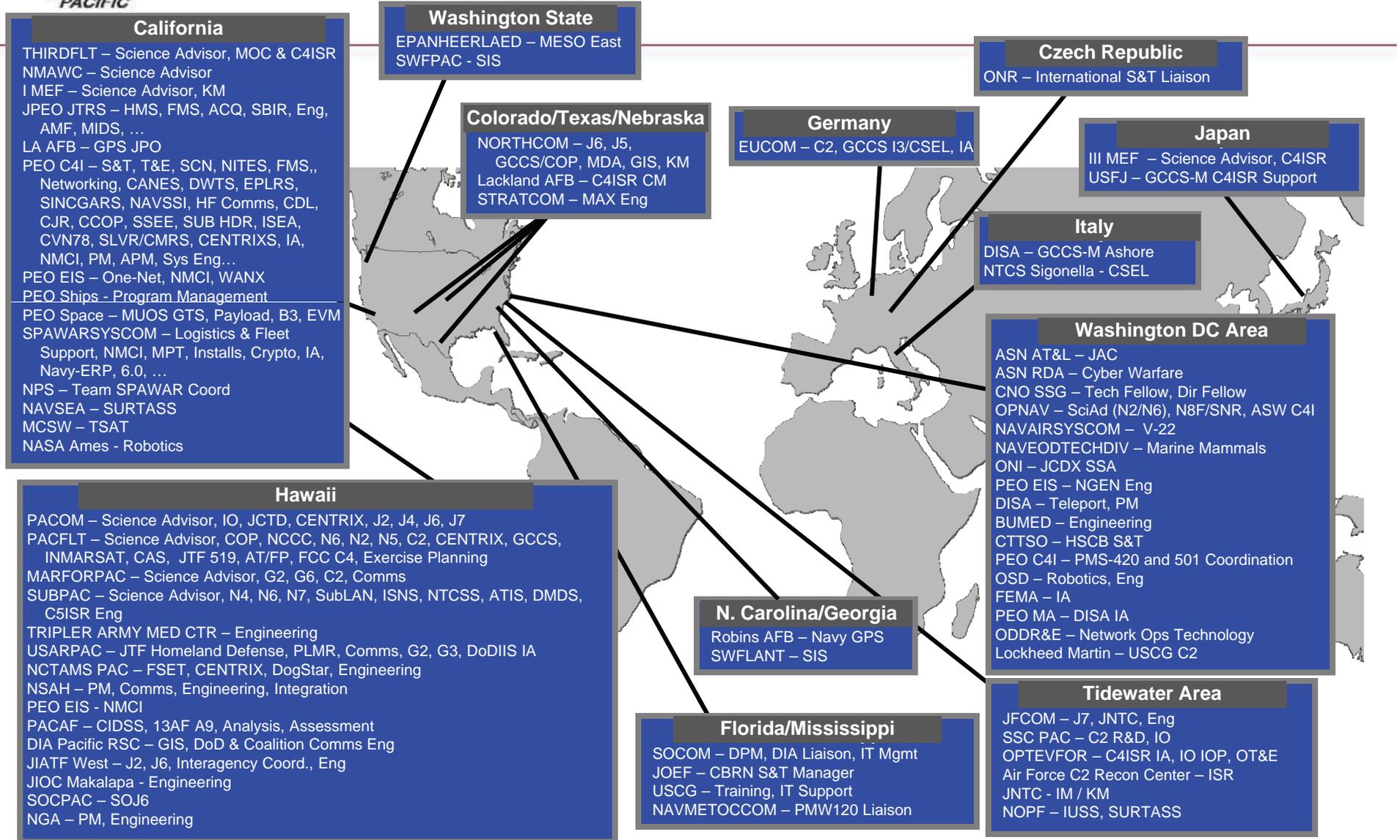
# SPAWAR Systems Center Pacific



- **DoD Center of Excellence**, and the Nation's **only** full spectrum C4ISR Lab..., **ranked # 1 in Development and Acquisition**, top tier Research, Test and Evaluation
- ~ 4,400 staff (active duty military, federal civil service) **award winning, nationally and internationally recognized experts**
- \$2.43B (FY10) annual revenue, **extensive partnerships...**, global presence, global influence
- **National asset - unique location, unique facilities, unique business model** (Navy Working Capital Fund)

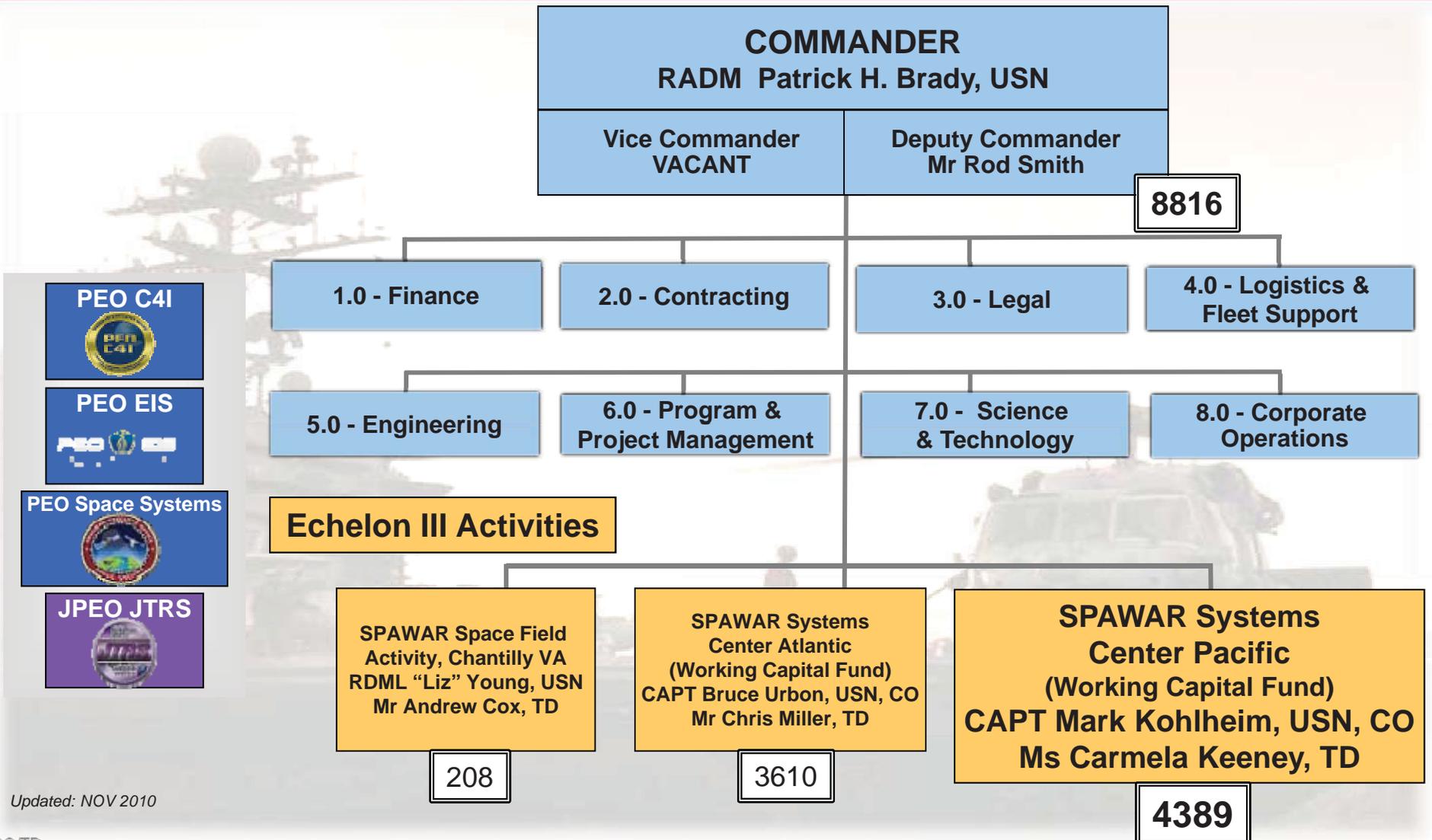


# SSC Pacific's Global Presence





# Team SPAWAR



Updated: NOV 2010



# SSC Pacific Personnel and Funding Profile

**FY10 = \$2.43B (TOA)**



**Highly educated workforce:**

- ✓ 157 PhDs
- ✓ 851 Masters



**Personnel Gains / Losses FY10:**

Total Gains:	387
Total Loss:	279
Change	+ 108

<b>CIVILIANS</b>	<b>4150</b>
Scientists & Engineers	1951
Technicians	338
Tech Specialists	711
Administrative	870
Clerical	225
Ungraded / Other	49
ST	3
SES	6
<b>MIL</b>	<b>239</b>
Enlisted	164
Officers	75
<b>TOTAL</b>	<b>4389</b>

**And over 6000 Industry Partners**

Updated NOV 2010



# EOY FY10 Financial Update

## *Financial Highlights*

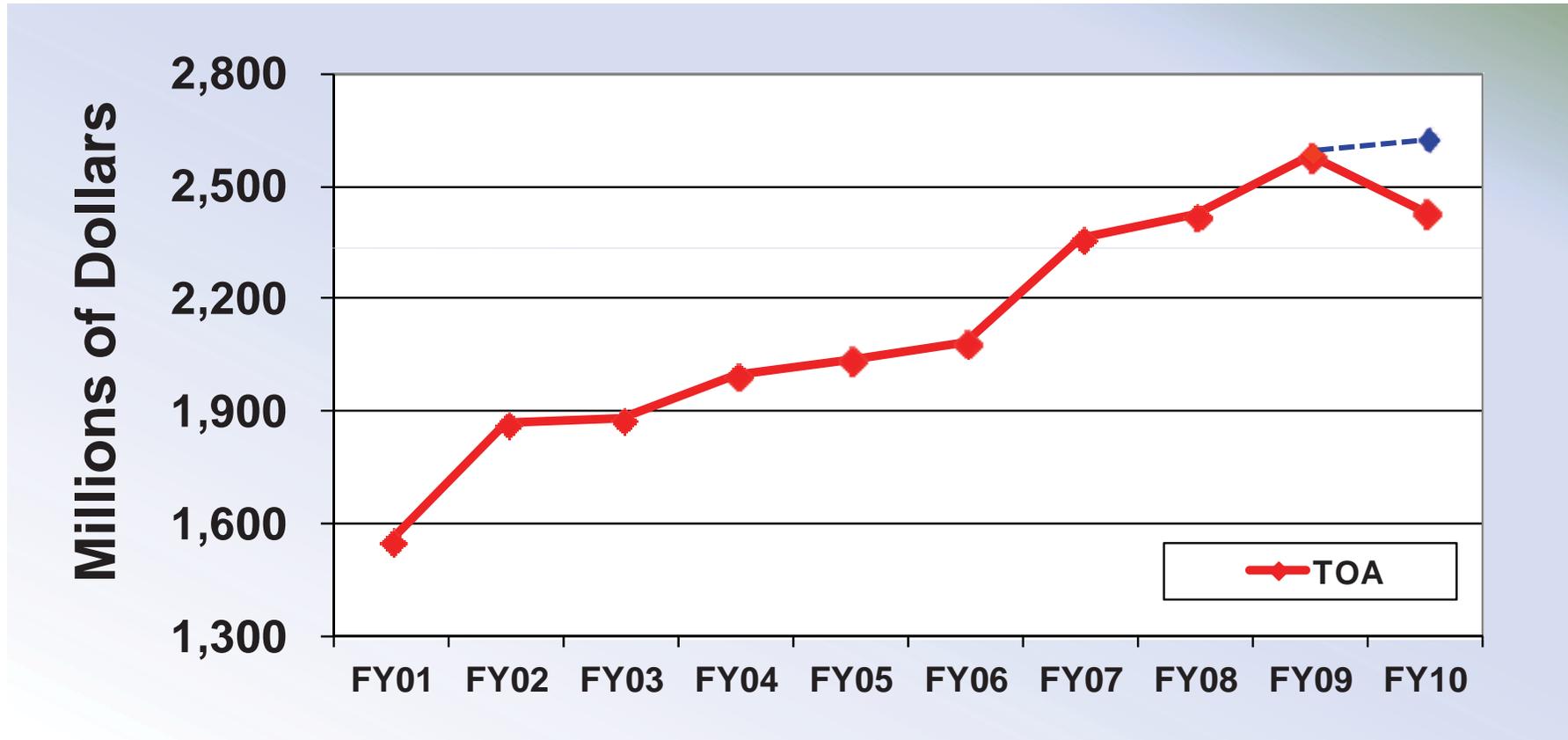
- **Total Funding (TOA)**
  - \$2,429M (actual) vs. \$2,706M (OSD budget)
  - Appears to be a decrease however we cannot account for internal direct cite funds until they are obligated
  - Returned funding before year end
- **Net Operating Result – positive \$15M vs. \$11M (OSD budget)**
  - Improved overhead profits
- **Within \$1M of Carryover Target**

Ceiling  
\$446M

Actual  
\$447M



# Total Funding By Fiscal Year





# Contracts

## TOTAL CONTRACTS

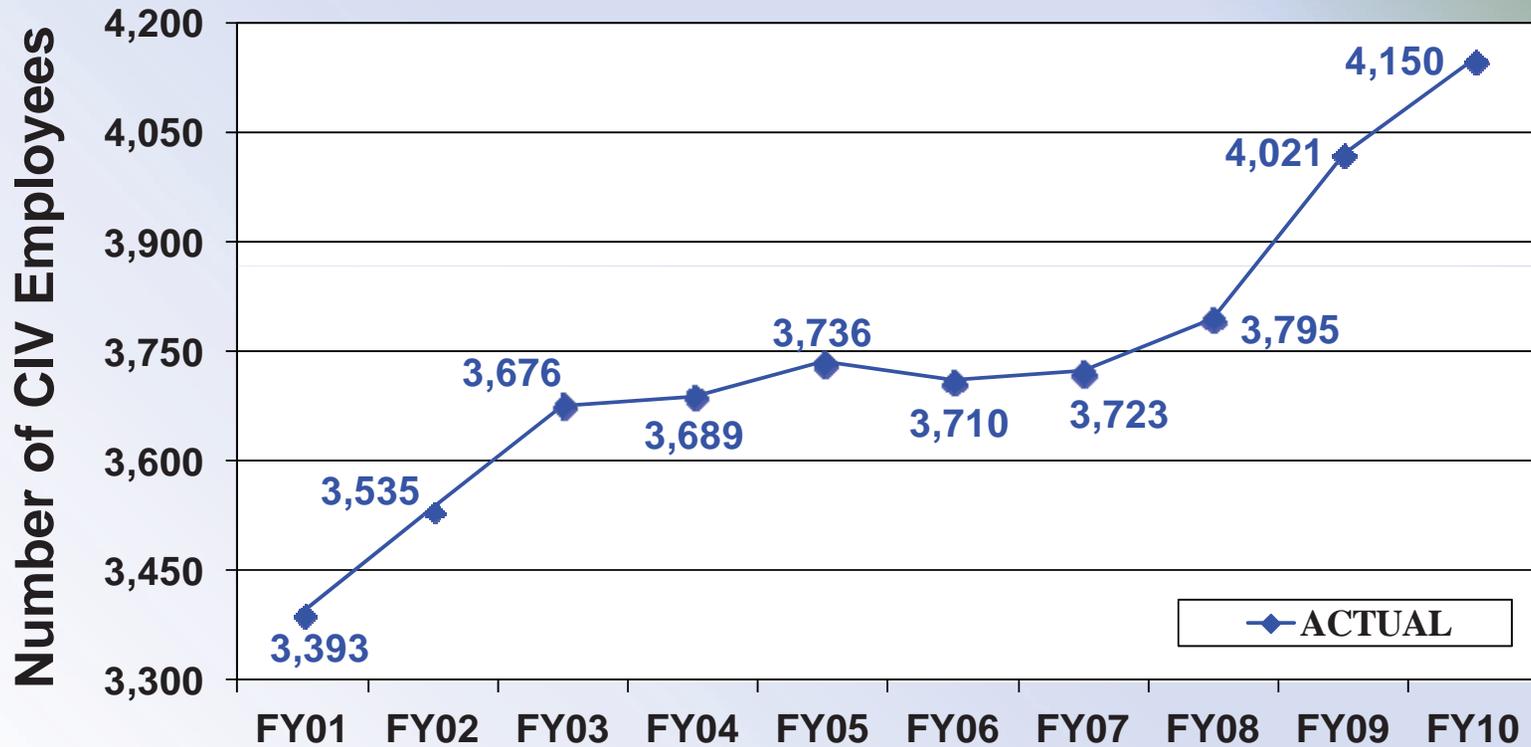
<b><u>Competition:</u></b>	Target - 80%. Achieved 91.71% (Exceeded Goal)
<b><u>Active contracts:</u></b>	516 (including grants)
<b><u>Firms awarded contracts:</u></b>	864 (including simplified acquisitions)

### Small Businesses

TYPE	Achieved	Target
Small Business Awards	19.84%	22.00%
HUBZone Small Businesses	1.08%	1.07%
Disadvantaged /8(a) Small Business	7.39%	5.01%
Woman-Owned Small Business	4.55%	4.27%
Service-Disabled Vet-Owned Small Business	1.17%	0.71%

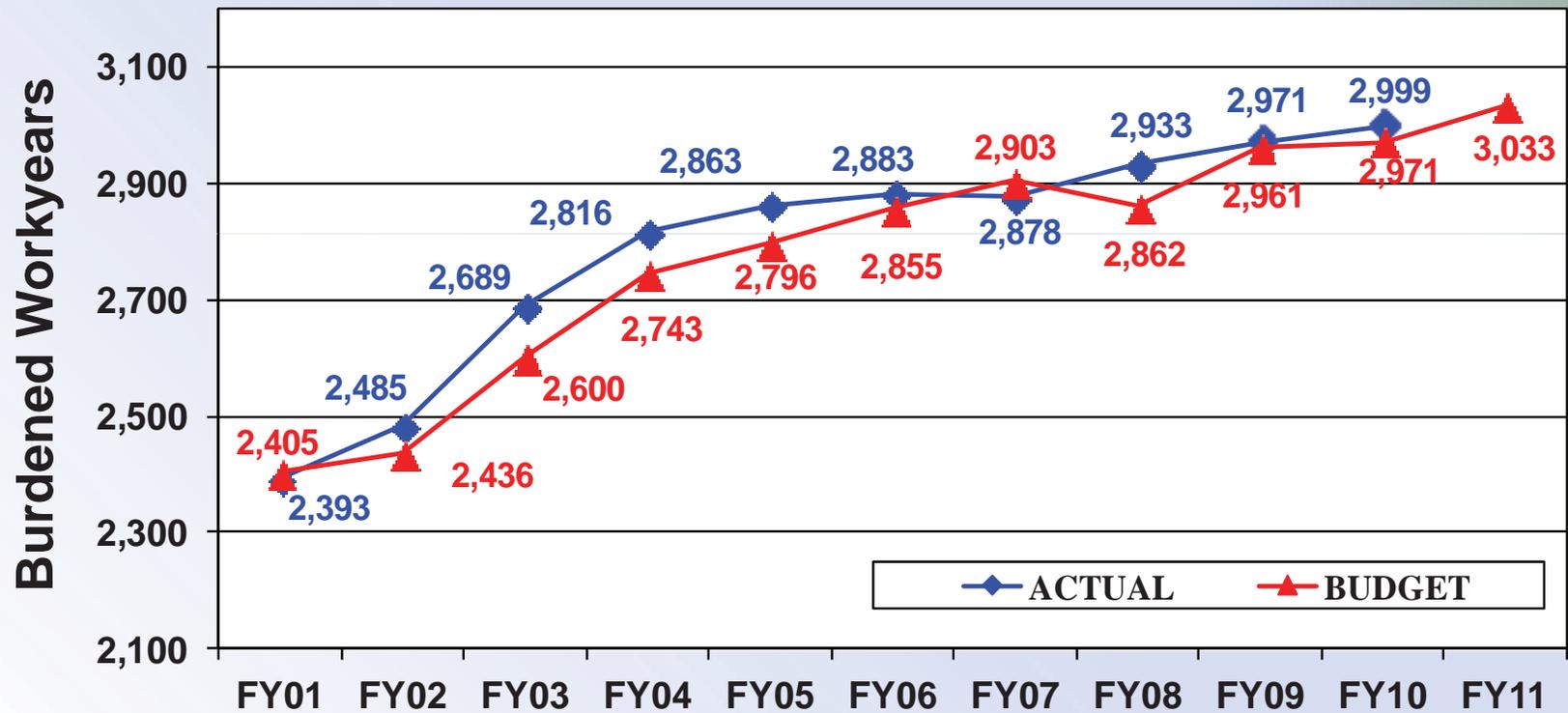


# End Strength



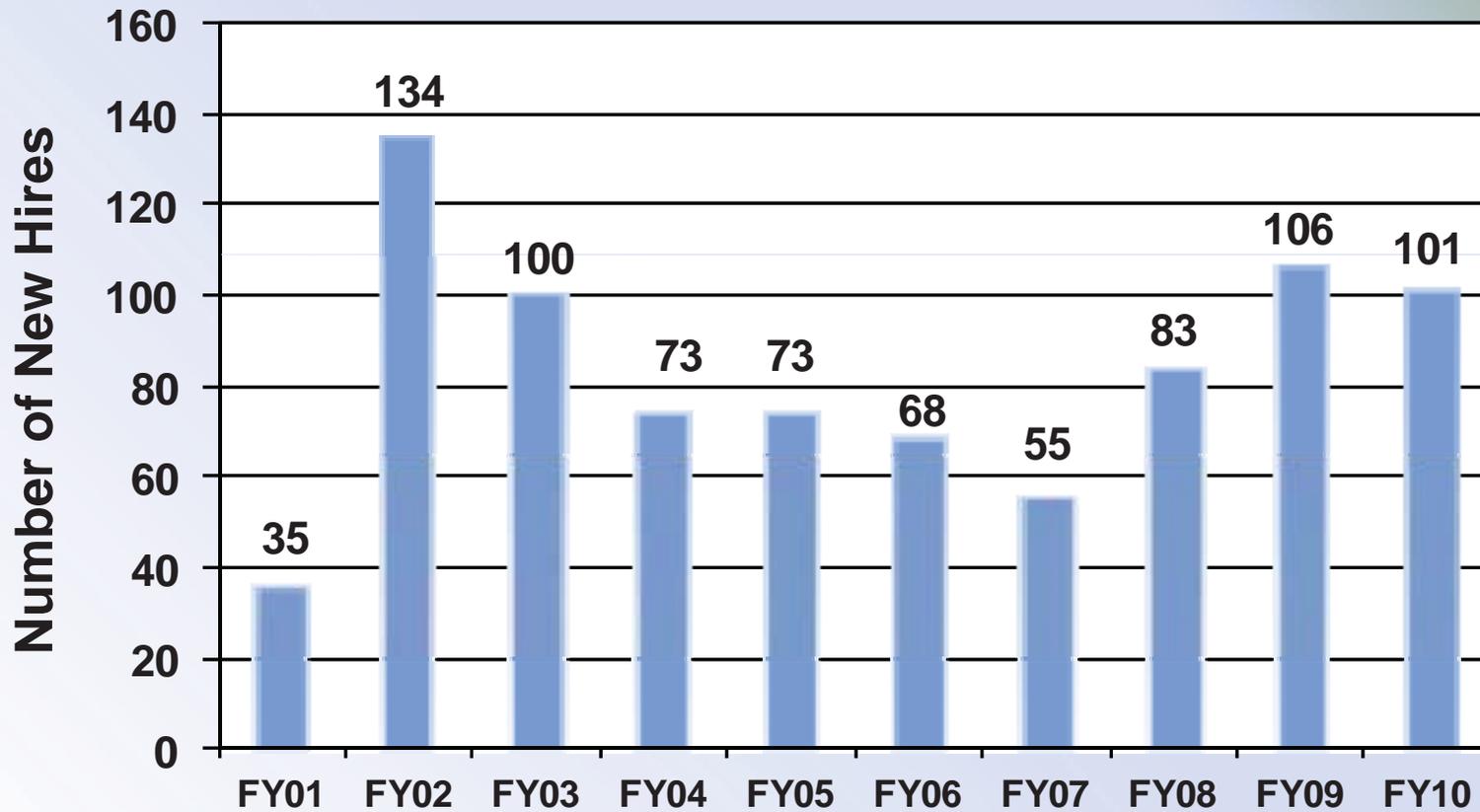


# Total Burdened Workyears





# New Professional Hires





# Update

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- ▼ 90 Day Task Letters from RADM Brady
  1. Getting Navy POR C4I Systems on New Construction Platforms
  2. C4I Systems Maintenance and Modernization Improvements
  3. C4I Governance and Technical Authority
  4. SSCs Alignments with 10<sup>th</sup> Fleet Operational Initiatives
  5. Instilling a Culture of Efficiency from a Larger Navy Point of View
  
- ▼ Focus on Efficiencies – FY10 LSS Savings
  - Type I: \$1.934M
  - Type II: \$21.706M

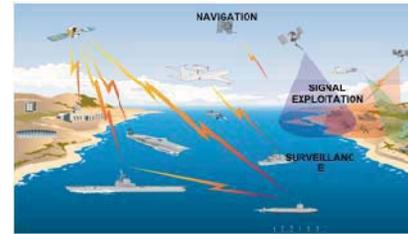


# FY10 Accomplishments – In Many Areas

- ▼ 70 Years on the Point
- ▼ CWID 2010
  - 25 Technologies
  - World-wide event by the Joint Chiefs of Staff
- ▼ 2010 Science Advisor of the Year – Jim Burdell



**M2C2**



**LAISIC**



**Solid State Thermal Neutron Detector**



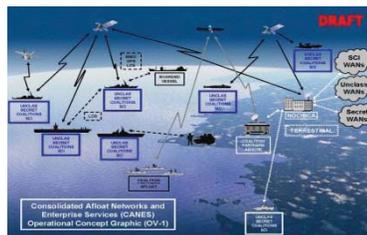
**APP Store**



**CLIP**



**MILCON C41**



**CANES**



**Ballistic Missile Defense Team**



**Saltwater Antenna**



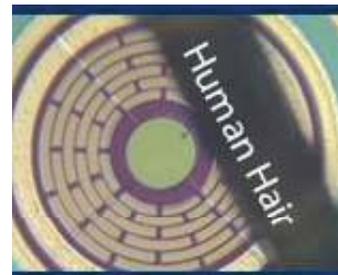
# Technology "Spin Out" to San Diego Area Start-Ups/Small Businesses

## FY10 Publications & Patents

349 Publications  
 107 Patent Disclosures  
 68 New Patent Applications  
 42 Patents Issued



**Automatically Deployed Communications Relay (ADCR)**



**MEMS based Displacement Sensor**



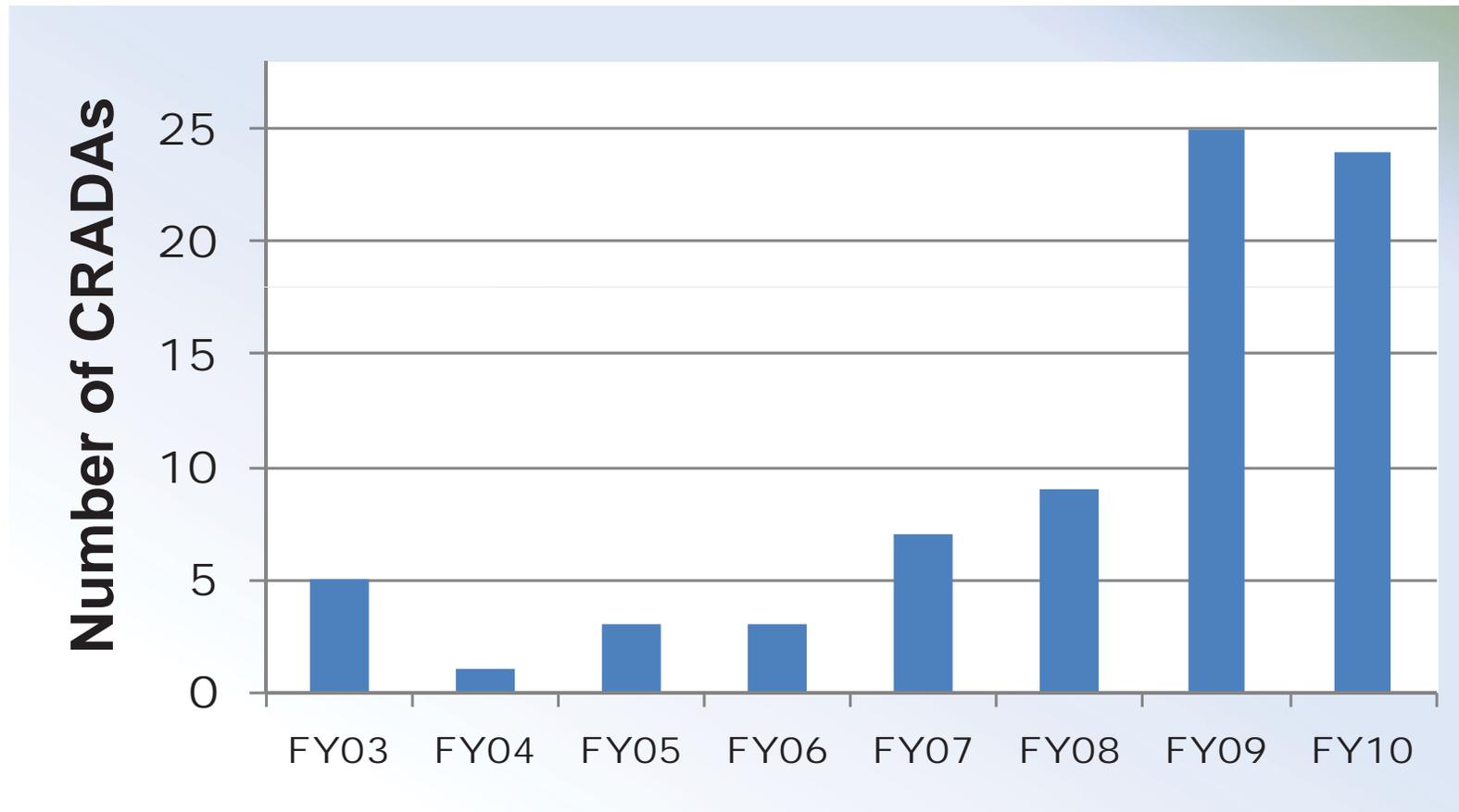
**QwikLite® Toxicity Testing System**

## Patents

YEAR	'06	'07	'08	'09	'10
Disclosures	36	48	48	45	107
Patents Filed	24	55	47	70	68
Patents Issued	31	23	31	19	42



# CRADAs Executed - FY03 thru FY10



As of 30 SEP 2010

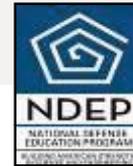
**CRADA - Cooperative Research and Development Agreement**

# Educational & Community Outreach

**St Mary's Academy Middle School Girls Day Out**



**High School and College Interns**



**Material World Modules**

FY07 – 1 school  
FY08 – 34 schools  
FY09 – 35 schools  
FY10 – 47 schools

**International Autonomous Underwater and Surface Vehicle Competitions**



- 12-17 JUL 2011, 10th Annual AUVSI underwater competition at SSC Pacific
- Held at SSC Pacific's one-of-a-kind TRANSDEC pool
- Collegiate and high school teams from U.S., Canada, Japan and India
- Open to the public



**UCSD "ENSPIRE"**

**Gompers Charter Middle School Science Night**



**SMART Scholarship Program**



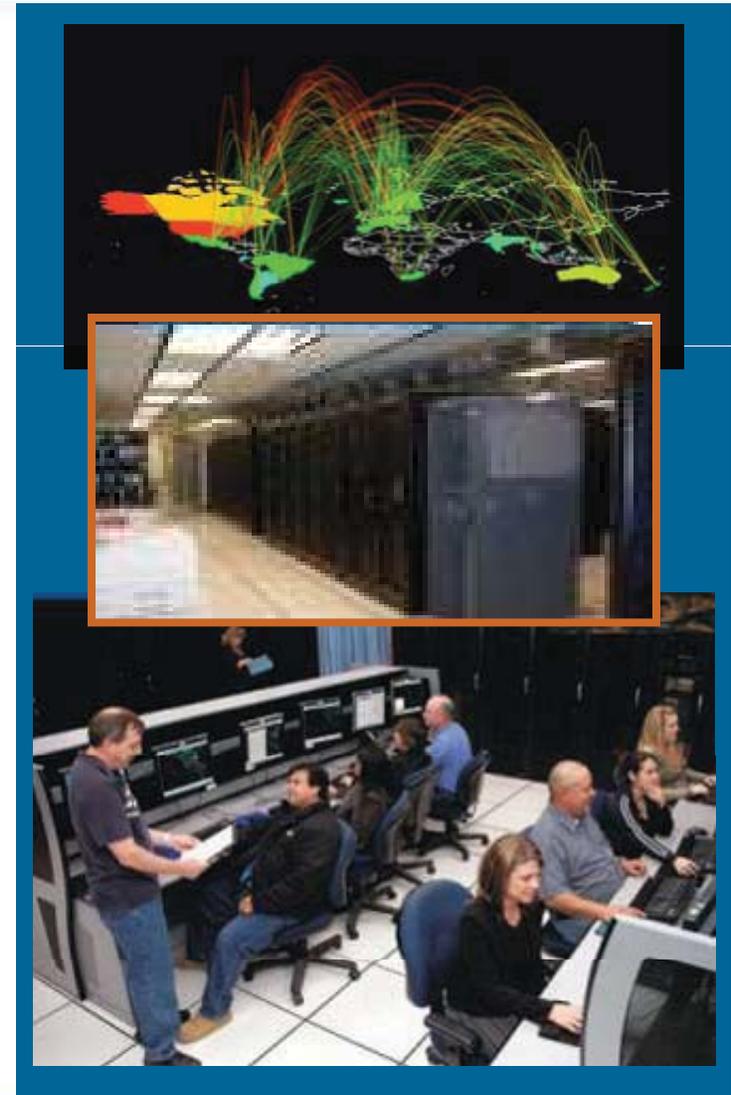


# SSC PAC Outlook

- ▼ Focus on innovation, disciplined system engineering and continuous process improvement
- ▼ Fully utilize new authorities (Sec. 852, 219) to grow and develop needed expertise in government workforce
- ▼ Demand for tech transition, rapid delivery of capabilities, and Pre-Milestone B prototyping
- ▼ Cyber; UVs; Data Centers; E2C
- ▼ C4ISR provider across Naval, Joint and National domains

“Do More Without More”

*USD AT&L, Honorable Ashton Carter  
15 SEP 2010*





## As We Move Forward

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- ▼ Fleet and Warfighter Focuses
- ▼ Efficiencies
- ▼ Integration and Interoperability
- ▼ Team SPAWAR is core support to Navy Information Dominance and Knowledge Superiority

***Making Information Dominance a Reality***