



Industry Day 2012

23 May 2012

Presented by:

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Commander,
Naval Air Warfare Center
Weapons Division



Strategic Plan



Our Vision

To be the leader providing innovative, integrated, and dominant warfighting effects for our Naval, joint, and coalition forces



Our Mission

To execute full-spectrum weapons and warfare systems Research, Development, Acquisition, Test, and Evaluation (RDAT&E)



Providing our Warfighters the decisive advantage . . .

Our Foundation

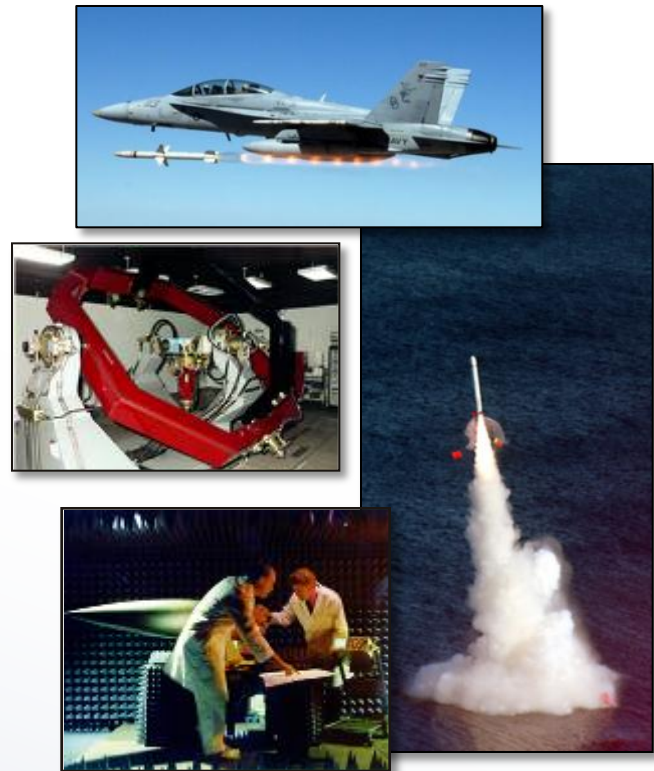
People



Organization



Mission Capabilities





NAVAIR Organizational Alignment



Secretary of the Navy

Chief of Naval Operations (CNO)

Assistant Secretary of the Navy
Research, Development, & Acquisition (ASN RDA)

Naval Air Systems Command (NAVAIR)

Naval Sea Systems Command (NAVSEA)

Space and Naval Warfare Systems Command (SPAWAR)

Program Executive Offices
Demand

S&T
Demand

Aircraft Division

Weapons Division

Depots
Fleet Readiness Centers





Weapons Division Organization



**Commander
Weapons Division**

Vice Commander	Executive Director
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1.0 Acquisition Operations	2.0 Contracts	4.0 Research & Engineering	5.0 Test & Evaluation	6.0 Logistics	7.0 Corporate Operations	10.0 Comptroller	11.0 Counsel
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What We Do



Test and Evaluation



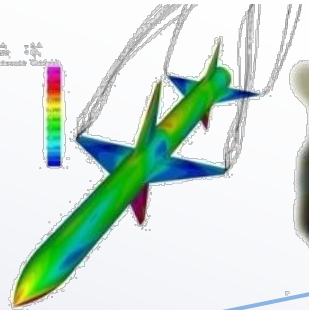
Research and Engineering



Weapons and Weapon Systems



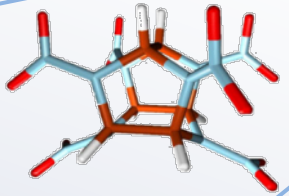
Modeling, Simulation, and Analysis



Weapons / Platform Integration



Energetics



Electronic Warfare



Survivability / Vulnerability / Lethality



Systems-of-Systems Integration





System of Systems and Platform Integration Responsibilities



F/A-18



EA-18G



F-35



AV-8B



EA-6B

H-1



AH-1Z



AH-1W



UH-1Y



Surface



Submarines



Unmanned Systems



UGV



ScanEagle



Firescout



Weapon Systems RDATE&E Responsibilities



AIM-9X



Harpoon



Standard Missile



Free-Fall Weapons



RAM



AMRAAM



JDAM



Tomahawk



HARM



SLAM-ER



ESSM



JSOW



Trident



NAWCWD Strategic Thrusts

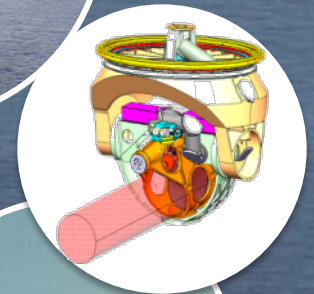




Innovative Weapons and Systems Deliveries



- Spike
- Low Cost Guided Imaging Rocket (LOGIR)
- Thermobaric Hellfire
- Distributed Ground-Sensor-Grid Threat Detection System (DGTDS)
- Revolutionary Approach to Time-critical Long Range Strike (RATTLRS)
- Low Collateral Damage Bomb (LOCO)
- Directed Energy Weapons
- Automatic Radar Periscope Detection and Discrimination (ARPDD)

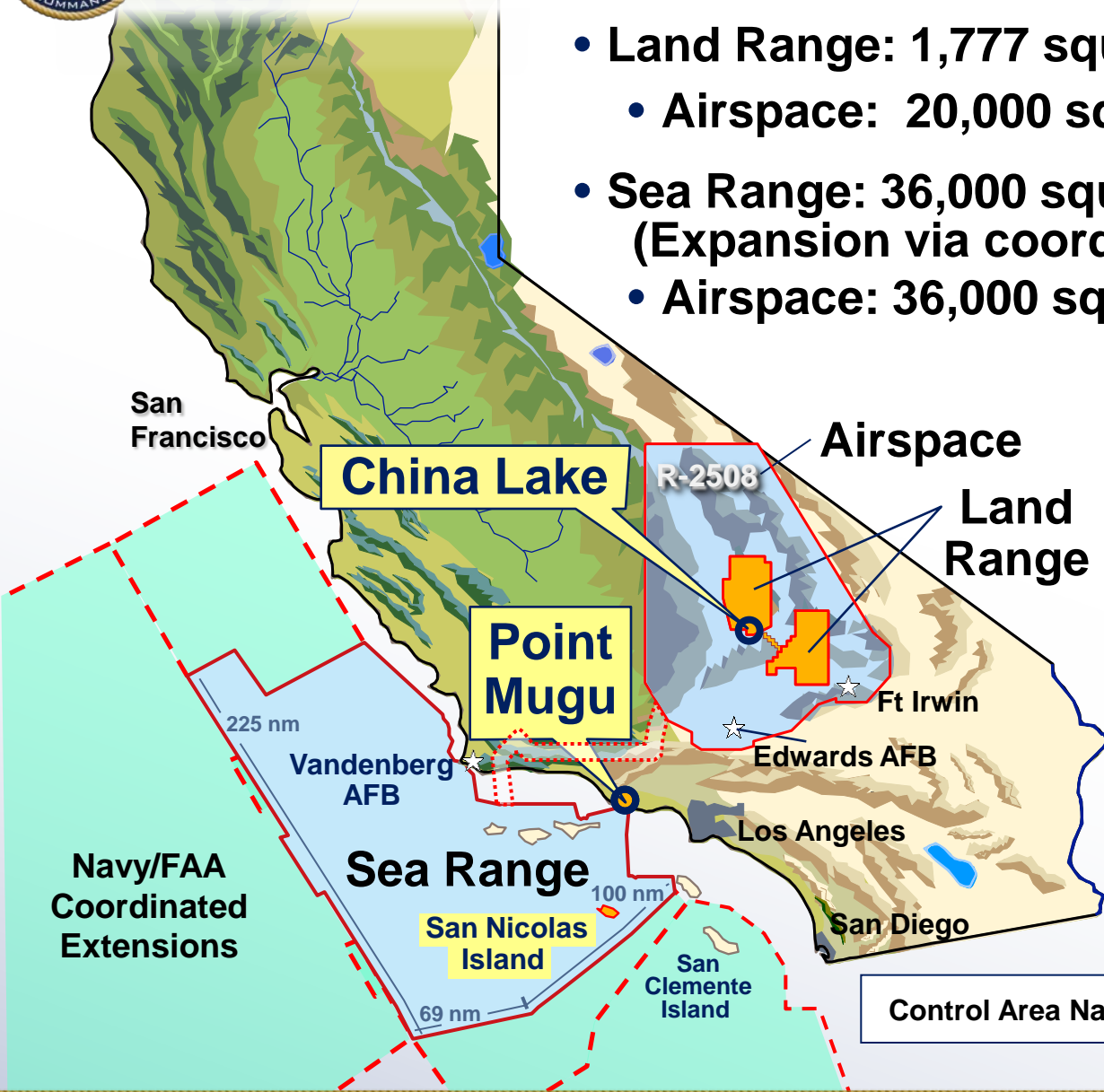




NAWCWD Range Capabilities



- Land Range: 1,777 square miles
 - Airspace: 20,000 square miles
- Sea Range: 36,000 square miles (Expansion via coordination with Navy/FAA)
 - Airspace: 36,000 square miles



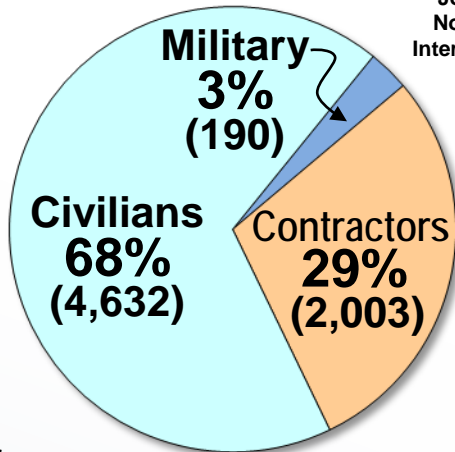
Control Area Navy/FAA Coordinated Extensions -



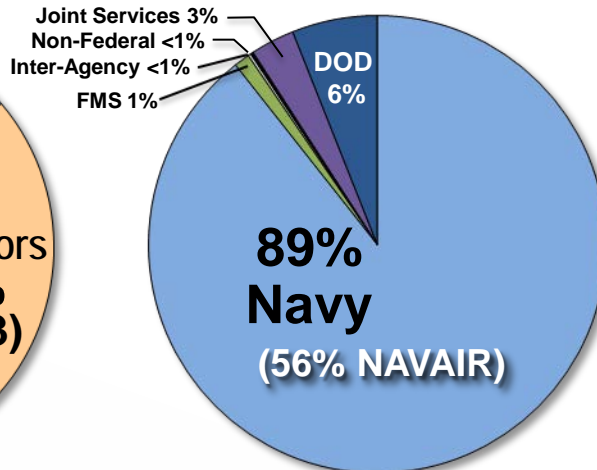
NAWCWD Command Operations



Workforce 6,825



Customer Base



NAWCWD Key Attributes

Major Programs FY12:

- F/A-18 & E/A-18G
- AV-8B
- Manned Aircraft
- AARGM
- JSF
- EA-6B
- Sidewinder
- System of Systems
- TAMPS / NavMPS / JMPS (Mission Planning)
- Tomahawk
- Counter IED

S&T Innovation FY11:

- 28 Patents Issued
- 67 Invention Disclosures
- 43 Patents Pending

Rapid Warfighter and Fleet Support

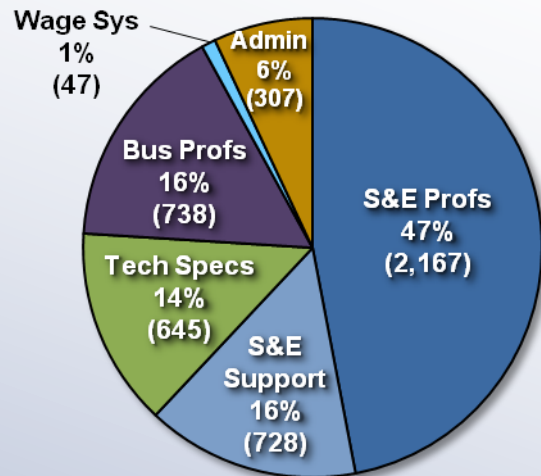
- F/A-18E/F/G Civilian ILS in H6+
- Low Cost Guided Imaging Rocket (LOGIR)
- Distributed Ground-Sensor-Grid Threat Detection System (DGTDS)
- SH-60S FLIR downlink
- Low Collateral Damage Bomb (LOCO)
- Directed Energy Weapons
- Harvest Hawk test support for Armed KC-130
- Thermobaric Hellfire Warhead
- Electronic Warfare
- Person & Vehicle Borne IED Detect and Defeat
- Tactical Wheeled Vehicle Secondary Fire Suppression
- Biometrics
- Image and Signal Processing

Navy

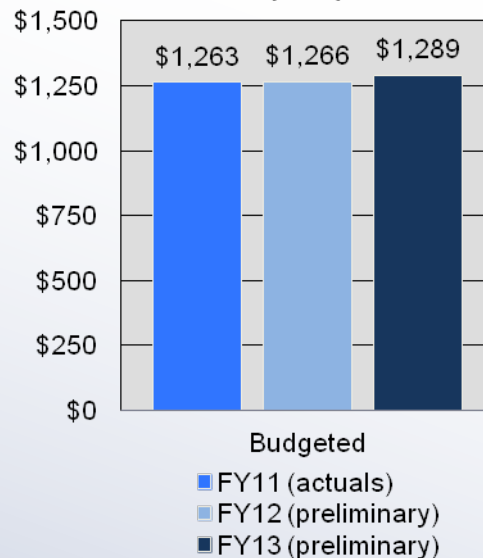
DOD

As of
31 December 2011

Workforce by Discipline



New Orders \$M (TY\$)



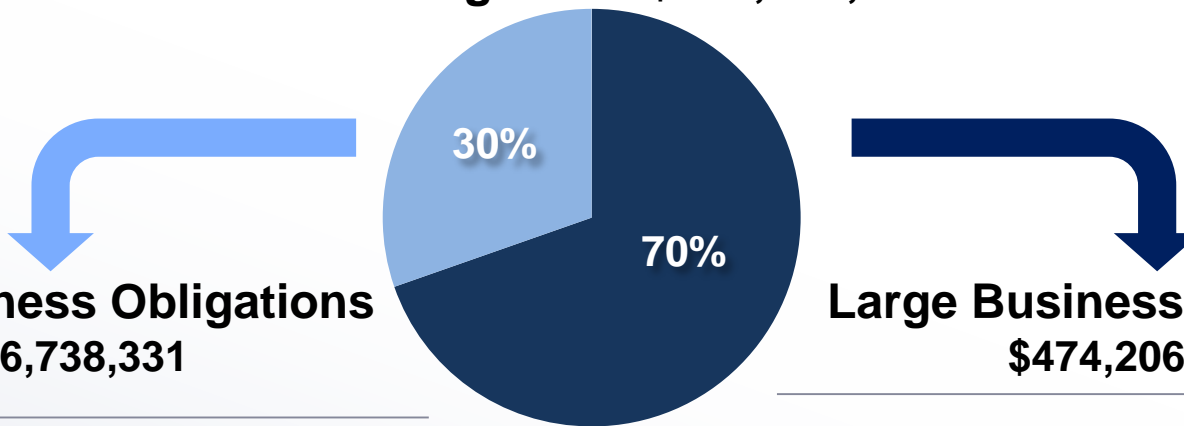


NAWCWD Industry Day 2011 Metrics



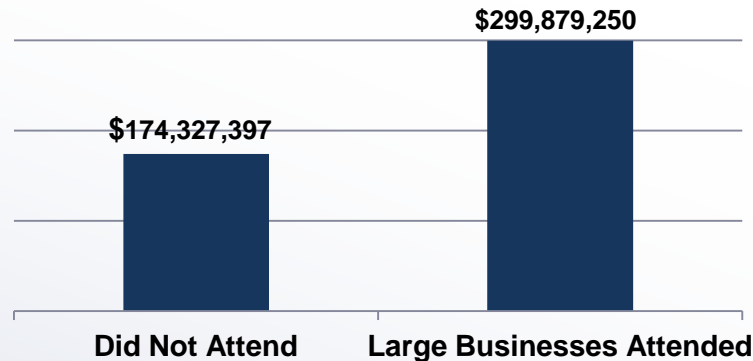
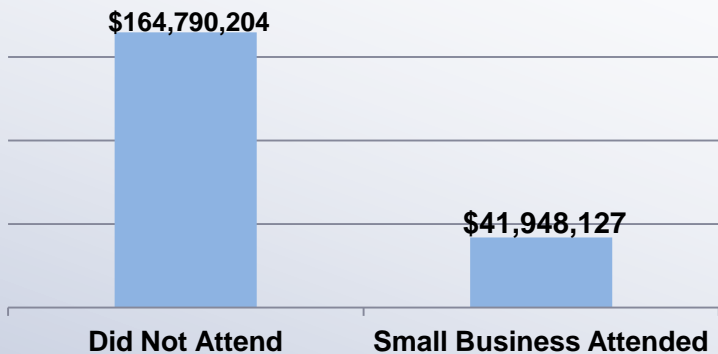
Number of Attendees	324
Small Businesses	109
Large Businesses	45
Number of States Represented	22

Total Obligations \$680,944,978



Small Business Obligations
\$206,738,331

Large Business Obligations
\$474,206,647





DoD, Academia, Industry, and Coalition Networking





Providing our Warfighters the decisive advantage . . .

