

CENTER FOR SURFACE COMBAT SYSTEMS

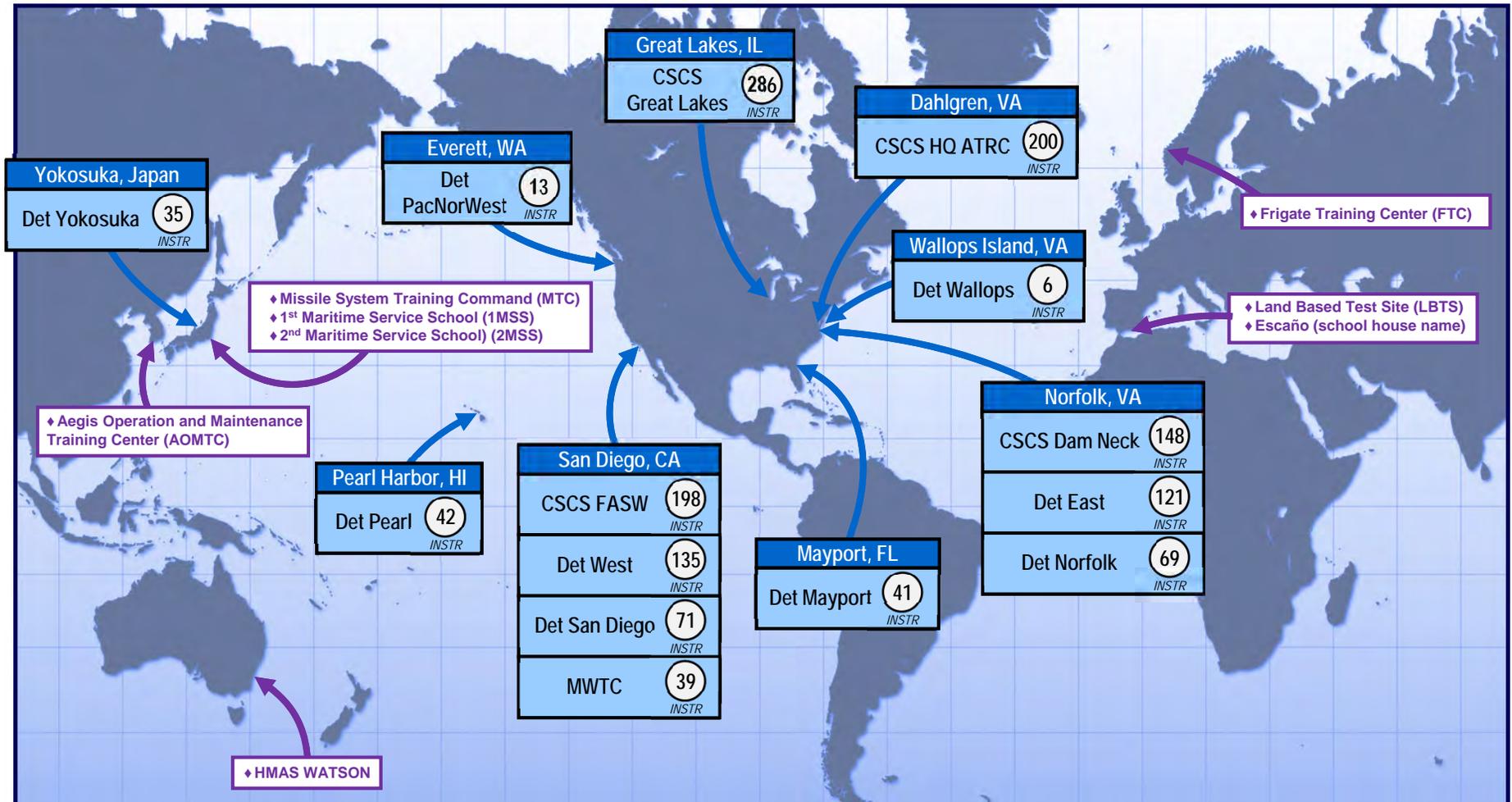
Mission

Mission

To develop and deliver surface ship combat systems training to achieve surface warfare superiority

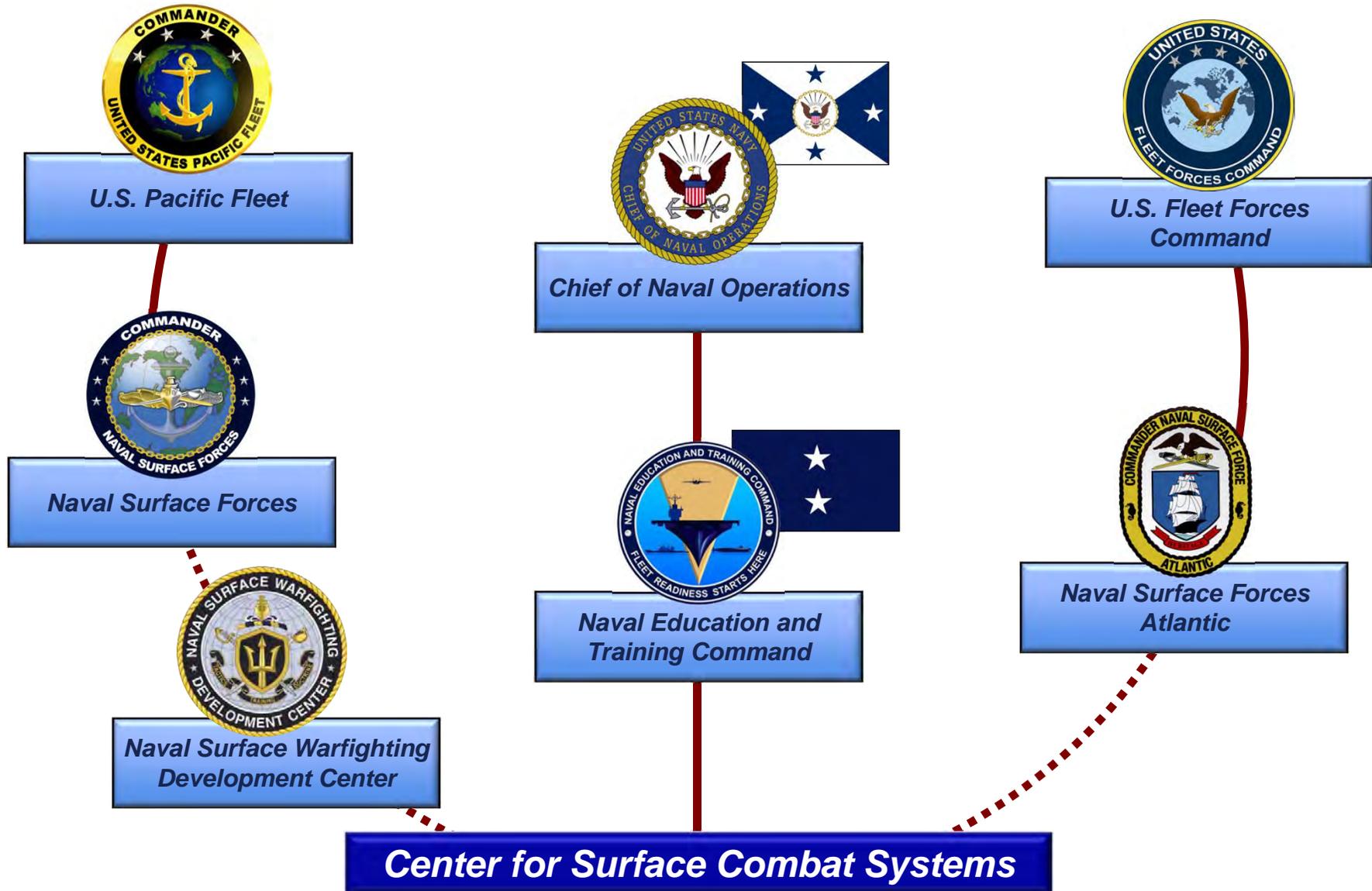
We train Sailors to conduct prompt and sustained combat operations and prevail

14 Learning Sites and Detachments & 5 International Aegis Partners



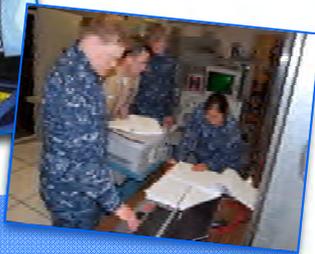
38,000 Sailors • 70,000 hours of curriculum • 700 courses • 1412 Instructors
Global Training for a Global Force Creating International Partnerships

Surface Combat Systems Training Organization



The Leader in Combat Systems Training

BM	IC	ET	FC	GM	MN	OS	STG	SWO



- Apprentice & Journeyman occupational training
- Specialized technical & operational training
- Watchstation Organization

- Technical/Tactical Competencies
- Watchstation / Professional Qualifications
- Advanced Warfare Training
- Fleet Synthetic Training (Unit)
- Mission Area Certification

- Cooperative Competencies
- OPLANS / OPTASKS
- Watch Team Proficiency
- Fleet Synthetic Training (Joint)
- Maritime IAMD/BMD Staff Officer Training

Individual
Schoolhouse

CSCS Effort

Basic
Shipboard

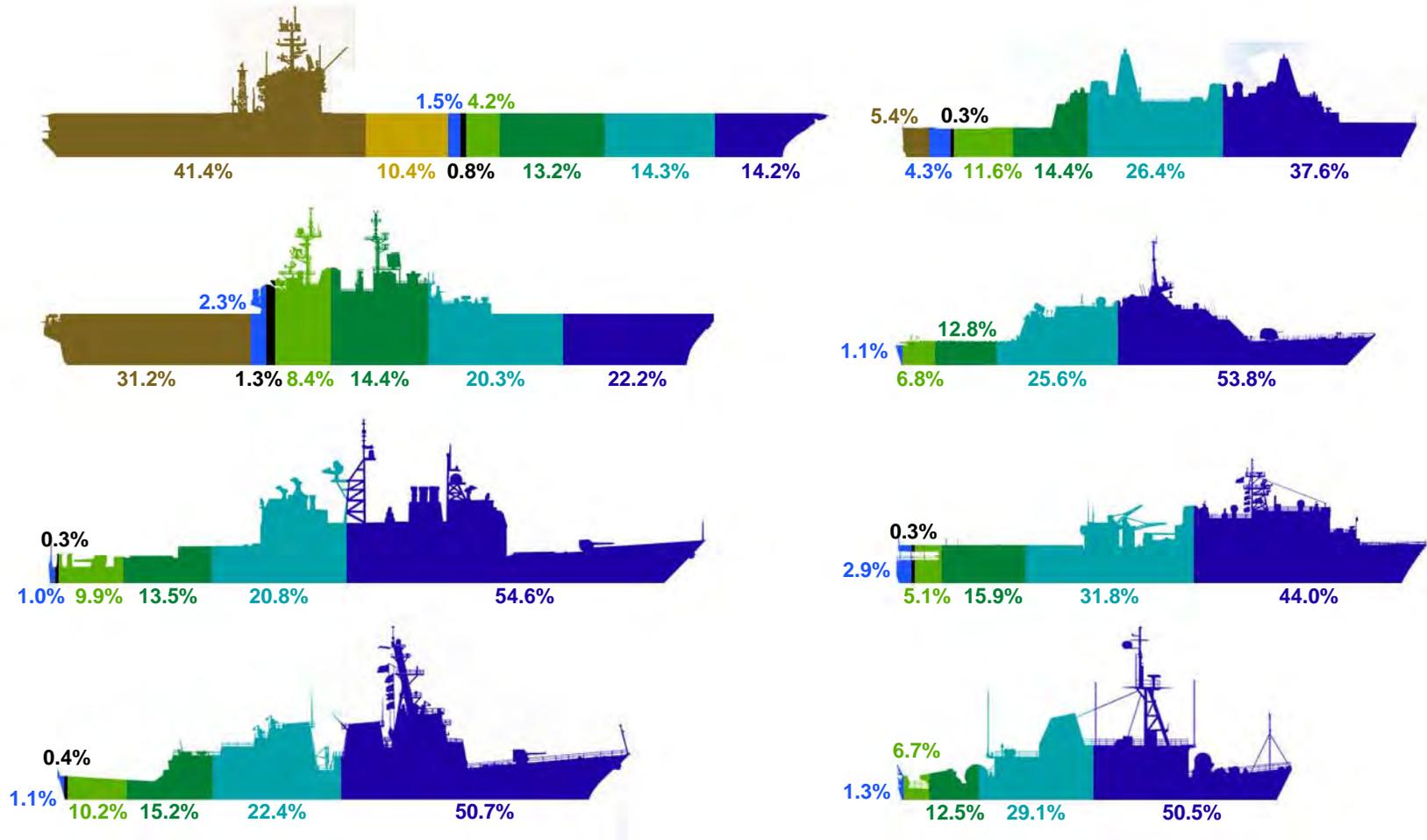
Advanced
Strike Group

Schoolhouse to Waterfront Training Continuum

Warfighting and Readiness Share of Force Generation

LEGEND

- CSCS
- SWOS
- CSS
- CID
- CSF
- HEALTH
- NUCLEAR
- CNATT



Total Sailors Enrolled FY14: 37,263



SEWTP Results: Center for Surface Combat Systems (CSCS)

- ◆ To develop and deliver surface combat systems training to achieve surface warfare superiority
 - Annual Officer and Sailor graduates: ~ 40K
 - Enlisted ratings trained: FC, ET, STG, OS, GM, IC, MN, BM
 - Major SEWTP / Budget Execution Plan (BEP) investments:



Schoolhouse:

- ◆ ASTAC simulation (FY13-15)
- ◆ Instructors (IAMD/ASW) (FY14)
- ◆ ATRC MILCON (FY15)
- ◆ NAVSYSTECH (FY15)
- ◆ NIFC-CA PTT (FY15)
- ◆ CIWS BL 2 simulation (FY15)
- ◆ SSDS MK2 simulation (FY15)
- ◆ ACB Next simulation (FY15)
- ◆ MMTT S/W & H/W (FY15-20)
- ◆ IAMD WTI (FY16)
- ◆ ASW WTI (FY16)
- ◆ LCS MILCON/ PoR (FY16-18)
- ◆ TDC simulation (FY17)



Waterfront:

- ◆ CSMM Training (FY14)
- ◆ AATT (FY15)
- ◆ FDNF Rota (FY15)
- ◆ RSC Operator (FY15)
- ◆ MSS Operator (FY15)
- ◆ Combined IAMD & ASW Trainer (CIAT) (FY16-17)



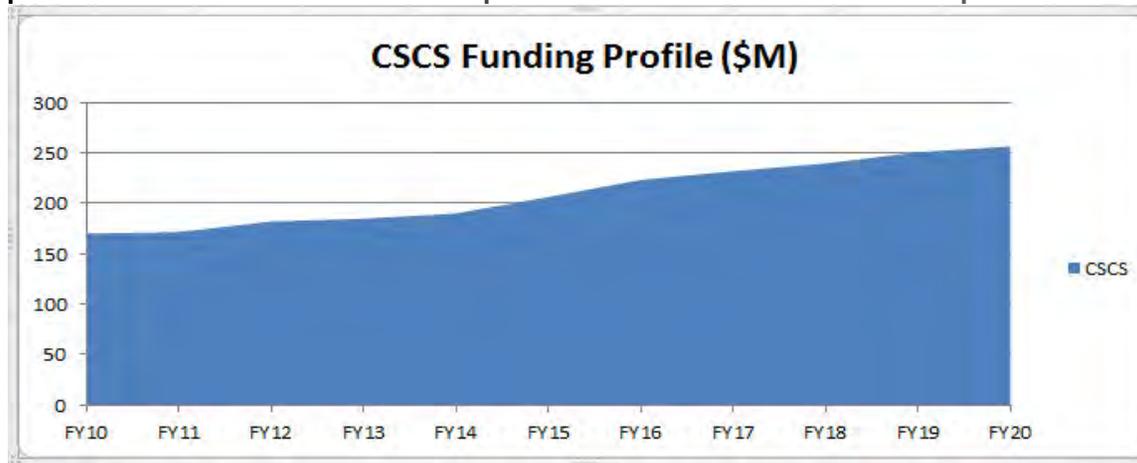
Afloat:

- ◆ Advanced Warfare Training (AWT) (FY14)
- ◆ Force Air Defense Officer (FY15)
- ◆ Deck SAGT (FY15)



Other Initiatives:

- ◆ Training 2025
- ◆ Virtual OPS / Maint Training
- ◆ Great Lakes Modernization
- ◆ Expand IAMD SAGT
- ◆ DDG 1000 STF
- ◆ Advanced Missile Defense Radar (AMDR)
- ◆ AN/SPY-3/VSR



Fleet Team Training



- ◆ Support individual and team training requirements
- ◆ Train to full combat system capability
- ◆ Model complex threats in realistic environment

FIELDING PLAN

Shore Trainer	FY15	FY16	FY17	FY18
LTF	SAN DIEGO MILCON		MAYPORT MILCON	
CIAT		SAN DIEGO	DAHLGREN & YOKOSUKA	PEARL HARBOR & NORFOLK
DDG-1000	SAN DIEGO			

Mitigate Shortfalls in Existing Ship Embedded Trainers

Schoolhouse Investments

Keeping Pace with the Fleet



IAMD/BMD

- ◆ BMD 4.0 TTE and curriculum
- ◆ BMD 5.0 TTE and curriculum
- ◆ SSDS Tech refresh
- ◆ SPS-48G
- ◆ CIWS B/L 2 BLK IIB

ASW/USW

- ◆ SQQ-89 A(V)15/ACB 11
- ◆ SQQ-32 (V)4 upgrade
- ◆ SSQ-94 Trainer upgrades
- ◆ ASTAC ITA upgrade
- ◆ SAST at FLEASW

GUNS/WEAPONS

- ◆ MK 160 Mod 11 GFCS
- ◆ MK 45 Mod 4 core course
- ◆ MK 46 (LPD 17)
- ◆ MK 38 MOD I and II (PC/MCM)

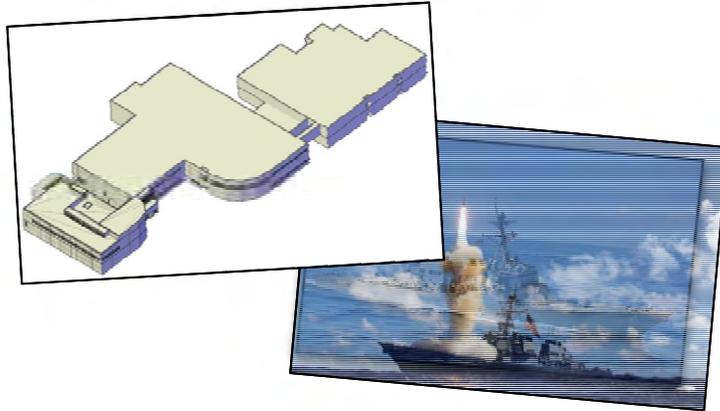
C4I/NAV

- ◆ Navy Multiband Terminal (NMT)
- ◆ NAVSYSTECH
- ◆ TDL multicast update
- ◆ Common Broadband Satellite (CBS)

Critical Schoolhouse Investments to Train the Future Surface Force

Major Infrastructure

BOD JULY 2015



P-290 Dahlgren, VA

- ◆ Capacity for:
 - BL9
 - BMD 5.0
 - AEGIS Ashore
 - Advanced Capability Build -16
 - Air and Missile Defense Radar
 - Classrooms

Awarded Contract SEP 2013



P-500 San Diego, CA
P-423 Mayport, FL (LCS 1)

- ◆ Capacity for:
 - LCS 1 & 2 Training System Simulators
 - Virtual Reality classrooms
 - Mine Warfare, Surface Warfare, Anti-Submarine Warfare Mission Package Trainers

Critical Infrastructure to Train the Future Surface Force

Innovation Leadership



- ◆ **STG 2020 Pilot Program**
- ◆ **SQQ-89A(V)-15**
 - Maintenance Technician
 - Journeyman Difference Course Development
- ◆ **Virtual OPS / Maint Training**
- ◆ **Seamanship Wholeness Review**
- ◆ **2015 Combat Systems Strategic Training Ratings Reviews (CSSTRR)**

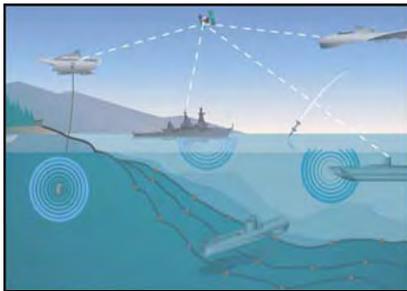
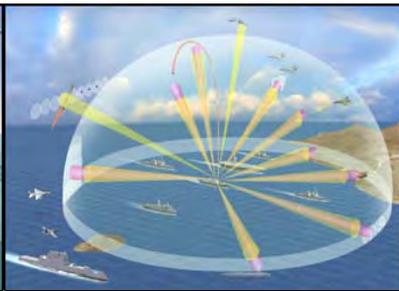
– OS:	FEBRUARY	SAN DIEGO
– FC AEGIS:	MARCH	NORFOLK
– GM:	APRIL	SAN DIEGO
– STG:	JULY	SAN DIEGO
– MN:	AUGUST	SAN DIEGO
– IC:	SEPTEMBER	NORFOLK
– ET:	OCTOBER	NORFOLK
– FC NON AGEIS:	NOVEMBER	NORFOLK

Improvements to training delivery in support of Fleet readiness

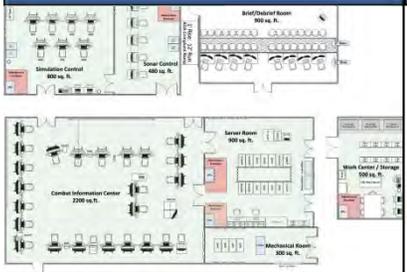
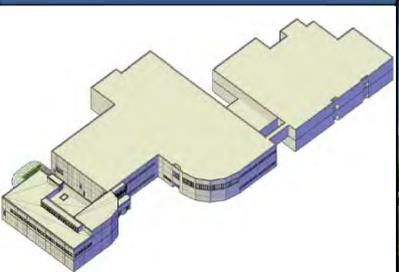
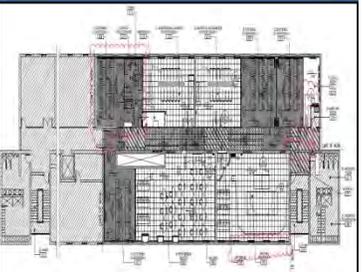
The Next Decade

2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025

TRAINING SYSTEMS

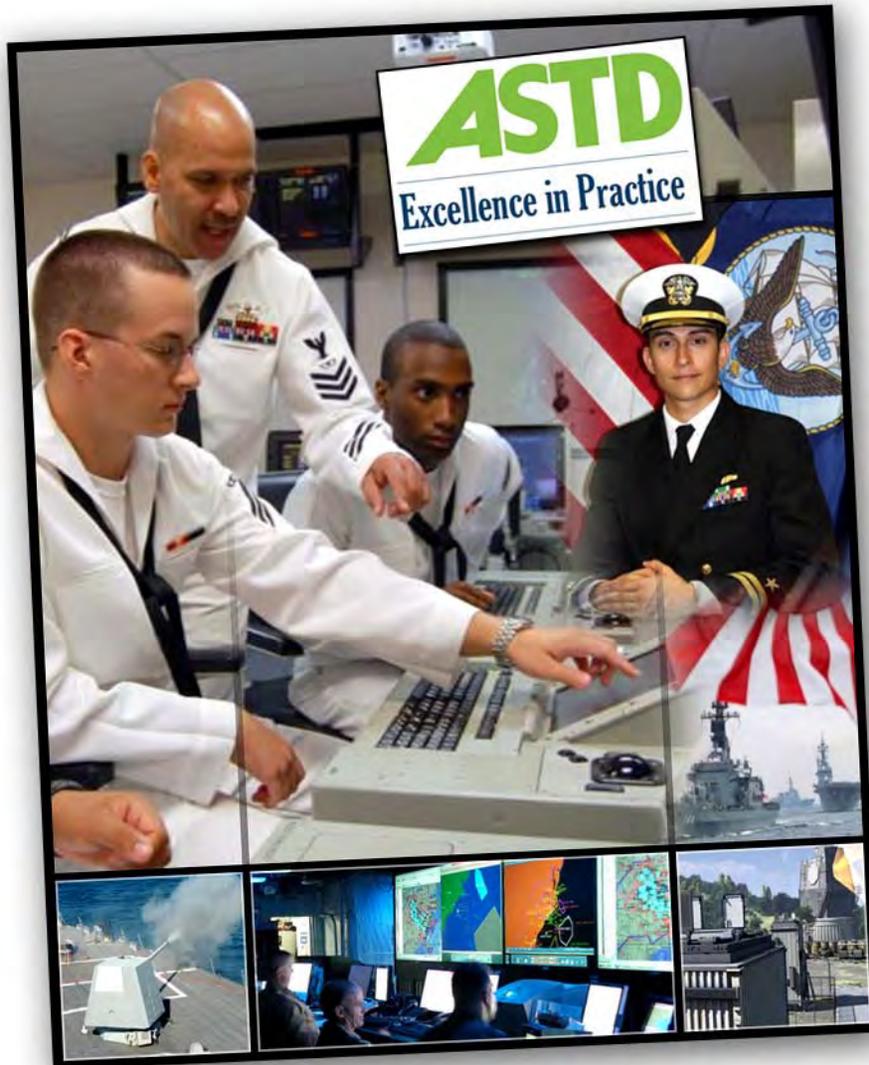
				
<i>Theater ASW</i>	<i>DDG FLIGHT III and Air Missile Defense Radar</i>	<i>Littoral Combat Ship</i>	<i>BMD European Phased Adaptive Approach</i>	<i>DDG 1000</i>

TRAINING FACILITIES

<i>Combined IAMD & ASW Trainer (CIAT)</i>	<i>P-290 ATRC Cruiser / Destroyer Expansion wing</i>	<i>P-500 San Diego, CA P-423 Mayport, FL (LCS 1)</i>	<i>Aegis Ashore Team Trainer Dam Neck, VA</i>	<i>Building 3292 San Diego, CA</i>
				

Mission, People, Performance

Excellence in Our People



- ◆ **Improved Training Delivery to the Fleet**
 - **Completed the STG / STS Training Gap Analysis**
 - **Reduced Training Friction Efforts**
 - Moved training to waterfront; SPY-1 RSC, MSS, AEGIS CSMM
 - Increased convening's; SPY-1A, Mk-86
 - **SSDS MK-II Combat System Maintenance Manager**
 - **Combat System Senior Enlisted**

- ◆ **Acknowledged by Industry and Academia for Innovative Training**
 - The American Society for Training & Development (ASTD) recognition
 - Council on Occupational Education (COE)
 - American Council on Education (ACE)

- ◆ **Proven Instructor Excellence**
 - 2014 & 2013 Officer Instructor of the Year / 2012 Enlisted Instructor of the Year / 2011 Officer Instructor of the Year

- ◆ **International Partnering for Training**
 - Training the first Australian Sailors to work on Aegis equipment
 - Fleet Synthetic Training JMSDF

- ◆ **Recognized as Top Navy HR/EEO Activity**
 - 2012 & 2014 Training Excellence Award (TEA) received for Total Force Manpower and Civilian HR/EEO programs
 - Nathaniel Stinson Award

Where Good People Want to Work

QUESTIONS?

