“The Surface Training Systems (STS) Program Office, PMS 339, is the OPNAV single point of contact for strategic program planning, policy, acquisition, life-cycle management, research and development, and technical insertion into all existing and future Navy surface training systems.”
-OPNAVINST 1500.57C

Ensures NAVSEA Programs Support Warfighter Manpower Personnel and Training (MPT) Requirements
PMS 339 Builds or Maintains 300+ Trainers in 15 Sites

Everett/ Bangor
- NSST
- MMTT
- VETT(2)
- DCPO
- ECD

San Diego / Coronado
- FFT(3)
- DC Wet
- NSST
- BDOC
- MMTT(3)
- ASTAC ITA
- LCAC FMT
- CAVE
- ABCTT
- CIAT
- SMC
- FMB
- EDCT
- IWTI
- CIWS BL2
- TDC (0)
- VETT (27)
- Virtual Steam
- 19G4A
- 11E15
- COVE
- EABC
- CIAT EDM

Fallon
- CAVE
- ADSGF

Pearl Harbor
- FFT
- DC Wet
- NSST
- MMTT
- VETT
- Fuel/Oils Testing
- PLC
- Basic Hydraulics
- Propulsion Alarms
- 400 H₂ Generators
- Shipboard Cranes

Great Lakes
- FFT(1)
- DC Wet
- Virtual Steam
- VETT (15)
- 11E15
- 19E51
- 19G4A
- 20H15
- Announcing System
- EM SSEAMC
- Advanced Degaussing
- DCPO
- LM 2500 (+)
- Air Cooled Frequency Converter
- LPD 17 CP MPDE
- Gas Turbine Generator
- LPD 17 ECS

Mayport
- FFT (2)
- DC Wet
- MMTT
- COVE
- VETT(27)
- Fuel/Oils Testing
- DCPO
- Valve Maintenance
- Fuel/Oils Testing

Pascagoula
- COVE III

Newport
- FFT(1)
- DC Wet
- MMTT
- COVE
- 19G4A
- EDCT

Bath
- COVE III
- EDCT

Little Creek / Norfolk
- FFT(3)
- DC Wet
- NSST
- BDOC
- MMTT (2)
- ASTAC ITA
- AATT
- CAVB
- CIAT
- RHIB
- NSMT
- CIWS BL2
- LPAC
- VETT (25)
- 19G4A
- Virtual Steam
- COVE
- EABC
- FMB
- TDL (M)
- LPAC
- Fuel/Oils Testing
- PLC
- Basic Hardware
- Shipboard Cranes

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PMS 339 FY19 Deliverables

Yokosuka
- M-NSST Control Petty Officer
- Shipboard DC
- Damage Control Repair Party Leader
- Multi-Mission Tactical Trainer
- Foam Generation Maintenance

Sasebo
- M-NSST
- Damage Control Petty Officer

Rota
- COVE III Upgrade
- Damage Control Petty Officer

Bahrain
- COVE III Upgrade

San Diego / Coronado
- M-NSST
- Multi-Mission Tactical Trainer
- 2H22 Virtual Ship Training System (VSTS) LAN
- Propulsion Alarms
- Deck Systems Maintenance Mechanical
- Deck Systems Maintenance Electrical
- 19H6 LHD-8 Machinery Control Systems
- 19H6A LHD-1 Class Propulsion Plant Operator Trainer
- Boatswains’ Mate Apprentice
- Boatswains’ Mate Supervisor
- CAVE V3
- Combined IAMD & ASW Trainer
- Deck Systems Maintenance Mechanical
- Deck Systems Maintenance Electrical
- Air Compressor Maintenance
- Foam Generation Maintenance
- Auxiliary, Machinery Controls, Governors & Regulators
- Oil Abatement Equipment Operator & Maintainer
- Steam Apprentice
- Steam Returnee
- Steam Operator
- Forced Draft Blower
- Heat Exchanger Maintenance
- Main Propulsion Turbine, SSTG and Lube Oil Purifier Maintenance
- Marine Sanitation Devices
- Ships Habitability Mechanical
- Ships Habitability Electrical
- RHIB Maintenance
- Basic Hydraulics
- Boiler Water Feed Water Basic
- Boiler Water Feed Water Supervisor
- Surface Vessel Torpedo Tube (SVTT)

Everett/Bangor
- M-NSST
- Multi-Mission Tactical Trainer

Great Lakes
- Elevator Maintenance Common Core
- 19H6A LHD-1 Class Propulsion Plant Operator Trainer (FY19)
- GT Electrical Maintenance FLT IIA Strand
- Fairbanks Morse 38ND 8-1/8
- SSM Automatic Degaussing
- Elevator Maintenance Mechanical
- Elevator Maintenance Electrical
- Gas Turbine electrical Maintenance Common Core
- Air Cooled Frequency Converter Maintenance
- GSM Mechanical Maintenance Common Core

Pearl Harbor
- M-NSST
- DDG 62 FIT

Philadelphia
- LBES Training

Norfolk/Dam Neck/Little Creek
- CAVE V3
- Deck Systems Maintenance Mechanical
- Deck Systems Maintenance Electrical
- Boatswains’ Mate Apprentice
- Boatswains’ Mate Supervisor
- STREAM Unrep Specialist
- Air Conditioning and Refrigeration
- Air Cooled Frequency Converter Maintenance
- Combined IAMD & ASW Trainer
- Multi-Mission Tactical Trainer
- 19H6A LHD-1 Class Propulsion Plant Operator Trainer
- Air Compressor Maintenance
- Foam Generation Maintenance
- Oil Abatement Equipment Operator & Maintainer
- Steam Apprentice
- Steam Returnee
- Marine Sanitation Devices
- Ships Habitability Mechanical
- Ships Habitability Electrical
- RHIB Maintenance
- Basic Hydraulics
- Boiler Water Feed Water Basic
- Boiler Water Feed Water Supervisor
- V88 new PCD move

Bath
- PRECOM FIT
- PRECOM Lease

Newport
- Multi-Mission Tactical Trainer
- Advanced Steam
- PEO Common Core
- PEO DDG
- PEO CG

Dahlgren
- RCT 2

Pascagoula
- PRECOM FIT
- M-NSST

Mayport
- M-NSST
- Multi-Mission Tactical Trainer

Fallon
- CAVE V3

PMS 339 FY19 Deliverables
PMS 339 Training Landscape

Risk

Cyber | Contracts | CIVPERS | Facilities

CIAT V1 SD
AATT BMD 5.1
RCT1 to ATRC
CAVE Build 2
Deck SAGT
Modified Nav Trainers

2010
PMS 339/SEWTC
Established

RCT2 to ATRC
CIAT V1 NORVA
DDG 1000 NTSP Execution
Modified Nav Trainers
JOOD Course

2018

Mariner Skills Training Center SD
Integrated Training Facility
Integrated Nav Trainers
CIAT V2
CIAT to SEA

2019

Right Training, Right Time, Fully Funded

2020

2025

Distribution Statement A: Approved for public release: Distribution Unlimited
Surface Training Advanced Virtual Environment (STAVE)
(From classroom to deckplate)

OPNAV N96 & N95 PB13-18 Surface & Expeditionary Warfare Training Plan (SEWTP) Classroom Investments delivering today:

-- With more to come --

Modernized, Interactive Operator and Maintenance “Gaming” Course

Supporting processes & systems: SEWTP/TTAP/TRANET SLCS / Maint

“Hands On” Instructor Led Labs with Modernized Equipment

Instructor led learning via embedded operator and maintainer software training support tools

3D Interactive Troubleshooting & Maintenance Models

SEWTC investments meet CNO High Velocity Learning (HVL) and Ready Relevant Learning (RRL) intent

Proposed Future Investments:

Aligned ship training content via Ship Learning Continuum System (SLCS)

Authoritative, Mobile & Interactive Preventive & Corrective Maintenance Tools

Aligned Shore / Individual Training & In-Service Engineering Agent Support

Distribution Statement A: Approved for public release: Distribution Unlimited
**STAVE Deployment Plan Across Platforms**

**Surface Platforms**
- All
- DDG 51 / LHD 8-LHA 6
- LCS
- LSD 41
- LPD 17
- LHD 1
- Aegis Ashore
- CG / DDG 51

**All Platforms Maintenance COIs**
- Pumps, Prop Alarms, Boiler Repair, EM SSEAMC, GSM Common Core

**DDG 51**
- DDG 51 MCS Operator
- Bridge PTT OOD/JOOD
- LCS2 ITT RCO
- LCS1 ITT

**LHD 8-LHA 6**
- LHD 8-LHA 6 MSC Operator
- MCS Maintenance
- ECS Maint.
- Virtual Steam

**LCS**
- Machinery Plant Control System

**STAVE modernization timeline across platforms**

**Training Device / System Delivered**

**Oversight Role**