“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
Lineup

New Construction / Fleet Introduction
Implement and deliver life cycle training for new acquisition ships, crews, and systems. Provide Fleet Introduction support to new construction ships and crews.

In Service / Current Readiness
Navy Training System Plan (NTSP) Coordinator for the Surface Enterprise. Modernization manpower, personnel, and training efforts and execute technical training audits.

Surface Training Systems
Acquire and manage development of shore-based trainers for the Surface Enterprise and provide trainer life cycle operations and support.

DDG 1000 Training
Management and oversight of the DDG 1000 Training including: STF, FMB, SMC, ECR, LMS and associated curriculum, courseware, and interactive media.
PMS 339 Builds or Maintains 90+ Trainers in 15 Sites

- Everett/Bangor
  - NSST
  - MMTT
  - VETT

- Sasebo
  - NSST
  - VETT

- Yokosuka
  - NSST
  - FFT
  - MMTT
  - VETT

- Rota
  - COVE III

- Bahrain
  - COVE III

- San Diego / Coronado
  - FFT(3)
  - DC Wet
  - NSST
  - BDOC
  - MMTT(3)
  - ASTAC ITA
  - LCAC FMT
  - MSAT
  - ABCTT
  - CIAT
  - DDG1000
  - IWTI
  - CIWS BL2
  - TDC (O)
  - VETT
  - Virtual Steam

- Fallon
  - MSAT
  - ADSGF

- Great Lakes
  - FFT(1)
  - DC Wet
  - Virtual Steam
  - VETT
  - 11E15
  - 19E51
  - 19G4A
  - 20H15

- Dahlgren
  - NIFC-CA
  - PTT
  - RCT(2)
  - CIAT EDM

- Little Creek / Norfolk
  - FFT(3)
  - DC Wet
  - NSST
  - BDOC
  - MMTT (2)
  - ASTAC ITA
  - AATT
  - MSAT
  - LCAC FMT
  - ABCTT
  - CIAT
  - RHIB
  - NSMT
  - CIWS BL2
  - TDC (O)
  - VETT
  - 19G4A
  - Virtual Steam
  - COVE
  - EABC
  - Operator

- Mayport
  - FFT (2)
  - DC Wet
  - MMTT
  - NSST
  - VETT

- Pascagoula
  - COVE III

- Pearl Harbor
  - FFT
  - DC Wet
  - NSST
  - MMTT
  - VETT

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

- Bath
  - COVE III

- Dahlgren
  - NIFC-CA
  - PTT
  - RCT(2)
  - CIAT EDM

- Little Creek / Norfolk
  - FFT(3)
  - DC Wet
  - NSST
  - BDOC
  - MMTT (2)
  - ASTAC ITA
  - AATT
  - MSAT
  - LCAC FMT
  - ABCTT
  - CIAT
  - RHIB
  - NSMT
  - CIWS BL2
  - TDC (O)
  - VETT
  - 19G4A
  - Virtual Steam
  - COVE
  - EABC
  - Operator
FY17 Deliverables

**Fallon**
- Combined Arms Virtual Environment

**San Diego / Coronado**
- Electrical Control Devices
- Programmable Logic Controllers
- Propulsion Alarms
- Diesel Engineering Inspector
- Air Conditioning and Refrigeration
- Shipboard DC
- Repair Party Leader
- Damage Control Petty Officer
- DCA
- Combined Arms Virtual Environment
- WATS
- Multi Mission Tactical Trainer
- 19G4A DDG-M MCS Operator Upgrade
- Combined IAMD/ASW Trainer (CIAT)

**Great Lakes**
- Gas Turbine Mechanical Common Core
- Gas Turbine Electrical Common Core
- Gas Turbine Electrical FLT IIA
- Gas Turbine Electrical FLT III
- Advanced Degaussing
- 19F3C Fire Fighting Trainer Restart
- 19G4A DDG-M MCS Operator Upgrade

**Newport**
- Advanced Steam
- Multi Mission Tactical Trainer
- 19G4A DDG-M MCS Operator Upgrade

**Philadelphia**
- Land Based Engineering Site Restart Courses for DDG Flt II
- Finish DDG 113/115 Q1 FY17
- Start DDG 114 Q1 FY17
- Start DDG 116 Q4 FY 17

**Dahlgren**
- WATS
- 19F1B Fire Fighting Trainer Upgrade
- 19G4A DDG-M MCS Operator Upgrade

**Norfolk/Dam Neck/Little Creek**
- Electrical Control Devices
- Programmable Logic Controllers
- Propulsion Alarms
- Diesel Engineering Inspector
- Air Conditioning and Refrigeration
- Shipboard DC
- Repair Party Leader
- Damage Control Petty Officer
- DCA
- Combined Arms Virtual Environment
- WATS
- Multi Mission Tactical Trainer
- LCAC FMT Upgrades

**Everett/Bangor**
- Basic Valve Maintenance
- Shipboard DC
- Multi Mission Tactical Trainer

**Yokosuka**
- Basic Valve Maintenance
- Shipboard Fuels Testing
- Shipboard DC
- Repair Party Leader
- Sasebo
- Shipboard Fuels Testing
- Multi Mission Tactical Trainer

**Rota**

**Bahrain**

**Pearl Harbor**
- Basic Valve Maintenance
- Shipboard Fuels Testing
- Shipboard DC
- Repair Party Leader
- Multi Mission Tactical Trainer

**Mayport**
- Shipboard DC
- Repair Party Leader
- Multi Mission Tactical Trainer

**Dahlgren**

**Pearl Harbor**

**Mayport**

**Yokosuka**

**Rota**

**Bahrain**

**Pearl Harbor**

**Mayport**

**Yokosuka**

**Rota**

**Bahrain**
Sailor Training Landscape

2010 Sailor State
- Outdated / non-existent schoolhouse training
- Reduced en-route training
- Sailor forced to learn on-the-job
- Higher unplanned maintenance due to lack of system knowledge

2025 Sailor Vision
- Schoolhouse teaches current configuration using state-of-the-art technology
- Sailor arrives at ship fully manned (i.e., NEC)
- Reduced unplanned maintenance → system experts
- Higher morale

PMS 339 and SEWTC Established

Live Virtual Constructive (LVC), Virtual Reality (VR) and Virtual Maintenance (VM) Training

High Velocity Learning Environment

Optimally Trained Sailors

Right Training, Right Time, Fully Funded

OPNAV / TYCOM Resourcing Decisions

NDAA14 PB15

2010

2016

2020

2025
Surface Training Advanced Virtual Environment (STAVE)
(From classroom to deckplate)

OPNAV N96 & N95 PB13-17 Surface & Expeditionary Warfare Training Plan (SEWTP) Classroom Investments delivering today:

Modernized, Interactive Operator and Maintenance “Gaming” Course

Supported 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

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

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