PMS 339 Overview

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Surface Training Systems (PMS 339)
Surface Training Advanced Virtual Environment (STAVE)
(Details in 2018 and 2023, Briefs and Report to Congress)

STAVE elements: Navy Instructors, hands on labs and immersive virtual training:

- Instructor led learning support tools via embedded software and STAVE-NET scheduling / student tracking
- “Hands On” instructor led labs with modernized Part Task Trainers (PTT)
- Individual Virtual Operator & Maintenance Trainers (VOT / VMT)

Additional efforts:
Networked ship, schoolhouse and maintenance support via STAVE-

Supporting management processes:
SEWTC / STAVE – Integrated Product Team (IPT)

3D interactive troubleshooting & maintenance

Modernized, interactive operator and maintenance “gaming”

Team, multi-mission, Virtual Employment Trainers (VET)

Authoritative & Interactive Preventive & Corrective Maintenance Tools

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

STAVE resources and sustains 768 Surface Warfare Schools Command (SWSC) & Surface Combat Systems Training Command (SCSTC) courses, providing surface enlisted apprentice, journeyman, master level and Surface Warfare Officer training for ~120K annual graduates, filling the majority of afloat billets.
PMS 339 Trainers

Builds or Maintains 400+ Trainers in 15 Sites

San Diego / Coronado
- Advanced Shipboard FFT
- AVOT
- Air Conditioning & Refrigeration (AC&R)
- AFCF
- Aircraft/Flight Deck FFT
- ABCTT
- ATET
- ASW VOT
- Automated Boiler Controller (ABC)
- Aux Machinery Controls
- Basic Shipboard FFT
- CG-47 Smart Cruiser
- CAVE
- CIAT
- COVE
- Damage Control DCPO / DCWT
- DGD 1000 FTT / FMB / SMC
- DGD-51 MCST
- Electrical Control Devices (ECD)
- Blower/Steam Generator Maintenance
- General Shipboard Basic Damage Control (DC)
- Landing Craft Air Cushioned (LCAC)
- LHD-1 (MMOT) Steam Trainer
- Littoral Combat Ship (LCS)
- LSD 41/49 MCS Console Operator
- Motor A/C Two Speed & Controllers Trainer
- Multiple Mission Tactical Trainer (MMTT)
- Multipurpose Reconfigurable Training System (MRTS)
- NSST
- Programmable Logic Controllers (PLC)
- Repair Party Leader (RPL)
- Virtual Environment LCAC (VELCAC)
- Voyage Management System (VMS)

Great Lakes
- Advanced Deagussing
- AFCF
- Cargo Weapons Elevator
- CG-47 Damage/ Fuel Control
- CG-47 ECSS Operator & Maintenance
- CG-47 Electronic Cooling Water (ECW) System
- CG-47 Eng Control System
- CG-47 Smart Cruiser
- Damage Control Petty Officer (DCPO)
- Damage Control Wet Trainer (DCWT)
- Damage Control Petty Officer (DCPO)
- Damage Control Wet Trainer (DCWT)
- DDG FLT IIA GT Gen Maint
- DDG-51 MCST
- DDG-M MCS Operator
- Diesel 'C School Commander
- SASEAMC
- Fiber Optic (FODMS)
- Gas Turb Elec Maint

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- Voyage Management System (VMS)

Mayport / Orlando
- Advanced Shipboard FFT
- Aircraft/ Flight Deck FFT
- Basic Valve/Valve Maint.
- COVE
- FTT Adv/Basic/Flight Deck
- Foam Gen
- MMTT
- NSST FMB
- VET
- VMS
- ASW VOT

Bahrain
- COVE
- VMS 9.5

Lit Creek/Norfolk/Dam Neck
- 7/11 Rigid Hull Inflatable Boat (RHIB)
- Advanced Shipboard FFT
- AATT
- AVOT
- Air Conditioning & Refrigeration (AC&R)
- AFCF
- Aircraft/Flight Deck FFT
- ABCTT
- ATET
- Automated Boiler Controller (ABC)
- Basic Shipboard FFT
- CAVE
- CIAT
- COVE
- Damage Control DCPO / DCWT
- DGD-51 MCST
- Deck Systems Mechanical and Electrical
- Electrical Circuitry Display Trainer
- Electrical Control Devices (ECD)
- General Shipboard Basic (DC)
- Landing Craft Air Cushioned (LCAC)
- General Shipboard Basic (DC)
- Landing Craft Air Cushioned (LCAC)
- LHD-8 MCST
- MMTT
- Nato Sea Sparrow (NSSMS)
- NSST
- NAVSYSTECH
- Programmable Logic Controllers (PLC)
- Propulsion Alarms ECR
- Repair Party Leader (RPL)
- Virtual Environment LCAC (VELCAC)
- Voyage Management System (VMS)

Naval Sea Systems Command

3
PMS 339 – Surface Training Systems

Virtual Maintenance Trainers (VMT)

Virtual Employment Trainers (VET)

Hands-On Part Task Trainers (PTT)

Virtual Operator Trainers (VOT)
- Established STAVE product standards & STAVE-Net
- Minimizes unique solutions, maximizes commonality
- Requires common library & learning stack
- Applications reside on STAVE-NET supplied servers & workstations
- Enables geographically dispersed schoolhouse monitoring, scheduling and training
- Includes at-sea training capability

N96, STAVE Interoperability Standard (SIS)