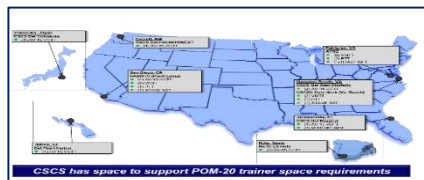# PMS 339 Overview

PRESENTED BY:

BOB KERNO
PROGRAM MANAGER
SURFACE TRAINING SYSTEMS (PMS 339)

STAVE elements: Navy Instructors, hands on labs and immersive virtual training:
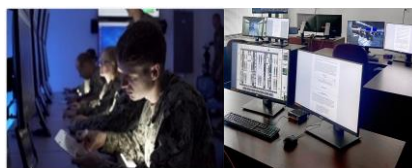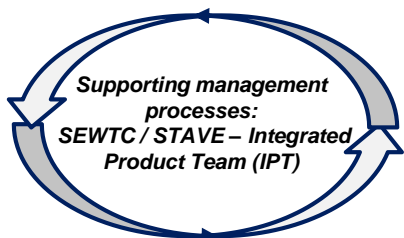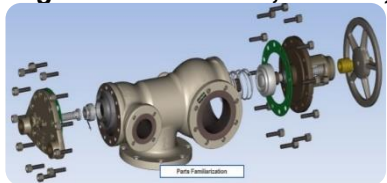
--- Program start: 2013 ---

Additional efforts:

Networked ship, schoolhouse and maintenance support via STAVE-

Instructor led learning support tools via embedded software and STAVE-NET scheduling / student tracking

CSCS has space to support POM-20 trainer space requirements

STAVE-Network (STAVE-NET) Integrated classrooms, trainers,

"Hands On" instructor led labs with modernized Part Task Trainers (PTT)

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

Authoritative & Interactive Preventive & Corrective Maintenance Tools

3D interactive t... & mainten...

Individual Virtual Operator & Maintenance Trainers (VOT / VMT)

STAVE-NET / Navy Continuous Training Environment (NCTE) / Total Ship Training Capability (TSTC)
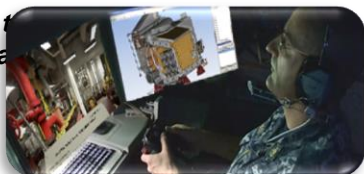
Modernized, interactive operator and maintenance "gaming"

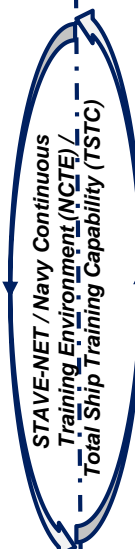**Team, multi-mission, Virtual Employment Trainers (VET)**

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.

Distribution Statement A: Approved for Public Release; Distribution is Unlimited.

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NAVSEA — NAVAL SEA SYSTEMS COMMAND

PMS 339 Trainers

Builds or Maintains 400+ Trainers in 15 Sites

Yokosuka
ASW VOT
AEGIS VOT
NSST FMB
VMS 9.5

Sasebo
NSST FMB
VMS 9.5

Rota
AEGIS VOT
ASW VOT
COVE III
VMS 9.3.4

Bahrain
COVE
VMS 9.5

Everett/ Bangor
ASW VOT
NSST FMB
MMTT
VOT
VMS 9.5
DCPO

**Great Lakes**
Advanced Degaussing
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 Core
SSEAMC
Fiber Optic (FODMS)
Gas Turb Elec Maint

LHA6/LHD8 APS Operator & Maintainer
LHA6/LHD8 LM2500+ Electrical / Mechanical
LPD -17 ECS
LPD-17 CP MPDE
Motor A/C Two Speed & Controllers Trainer
Multipurpose Shipboard FFT
OSA-VOT
Senior Aux
Small Craft Electrical System Trainer
Surface Steering Gear
Voyage Management System (VMS)

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 I, III
Damage Control DCPO / DCWT
DDG 1000 PTT/ FMB/ SMC
DDG-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)
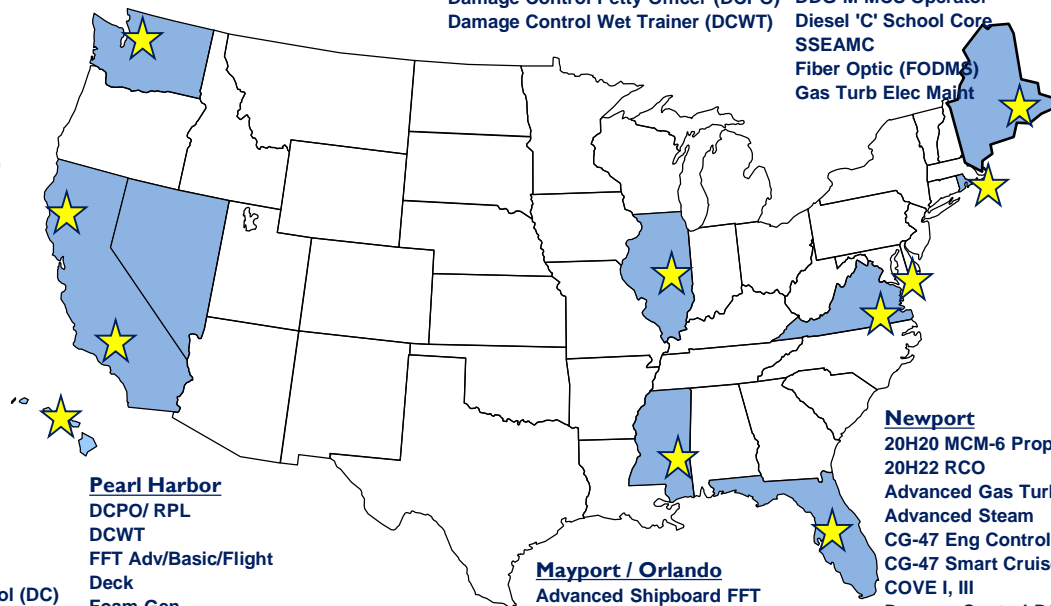
Pearl Harbor
DCPO/ RPL
DCWT
FFT Adv/Basic/Flight Deck
Foam Gen
MMTT
NSST FMB
VET
VMS
ASW VOT

Mayport / Orlando
Advanced Shipboard FFT
Aircraft/ Flight Deck FFT
Basic Valve/Valve Maint.
COVE I, III
Damage Control DCPO / DCWT
DDG-M MCS Operator
Fuels/QA/BWFW
General Shipboard Basic (DC)
Littoral Combat Ship (LCS)
Multiple Mission Tactical Trainer (MMTT)
NSST
Repair Party Leader (RPL)
Voyage Management System (VMS)

Newport
20H20 MCM-6 Propulsion
20H22 RCO
Advanced Gas Turbine
Advanced Steam
CG-47 Eng Control
CG-47 Smart Cruiser
COVE I, III
Damage Control DCWT
DDG-51 Gas Turbine Propulsion
DDG-51 MCST
Gas Turbine
LPD –17 ECS
MMTT
STAVE NET RD Node
VMS

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 I, III
Damage Control DCPO / DCWT
DDG-51 MCST
Deck Systems Mechanical and Electrical
Electrical Circuitry Display Trainer
Electrical Control Devices (ECD)
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)
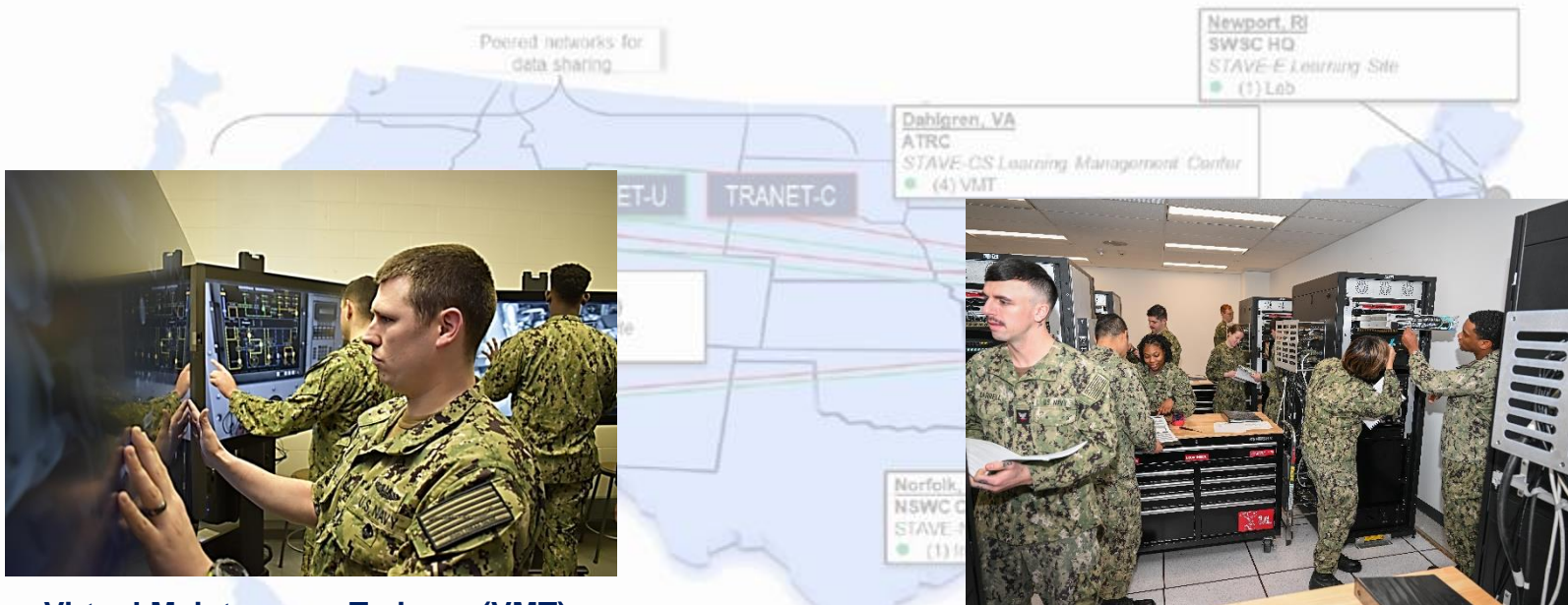
Virtual Maintenance Trainers (VMT)

Hands-On Part Task Trainers (PTT)

CIAT
Virtual Employment Trainers (VET)

AVOT
Virtual Operator Trainers (VOT)

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BACKUP

N96, STAVE Interoperability Standard (SIS)

❖ 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

STAVE–NET OV–1
(PB20 Laydown)

LEARNING IS HAPPENING EVERYWHERE.
PEOPLE LEARN IN MANY PLACES, DOING MANY THINGS.

COLLECT THE EXPERIENCES THAT MATTER.
THIS API RECORDS ACTIVITIES AND DELIVERS DATA THAT IS:
- QUANTIFIABLE
- SHARABLE
- TRACKABLE

Navy Enterprise Tactical Training Network (NETTN) as of AUG 2020