

PAINTING CENTER OF EXCELLENCE (PCOE)

NSRP

24 July 2024

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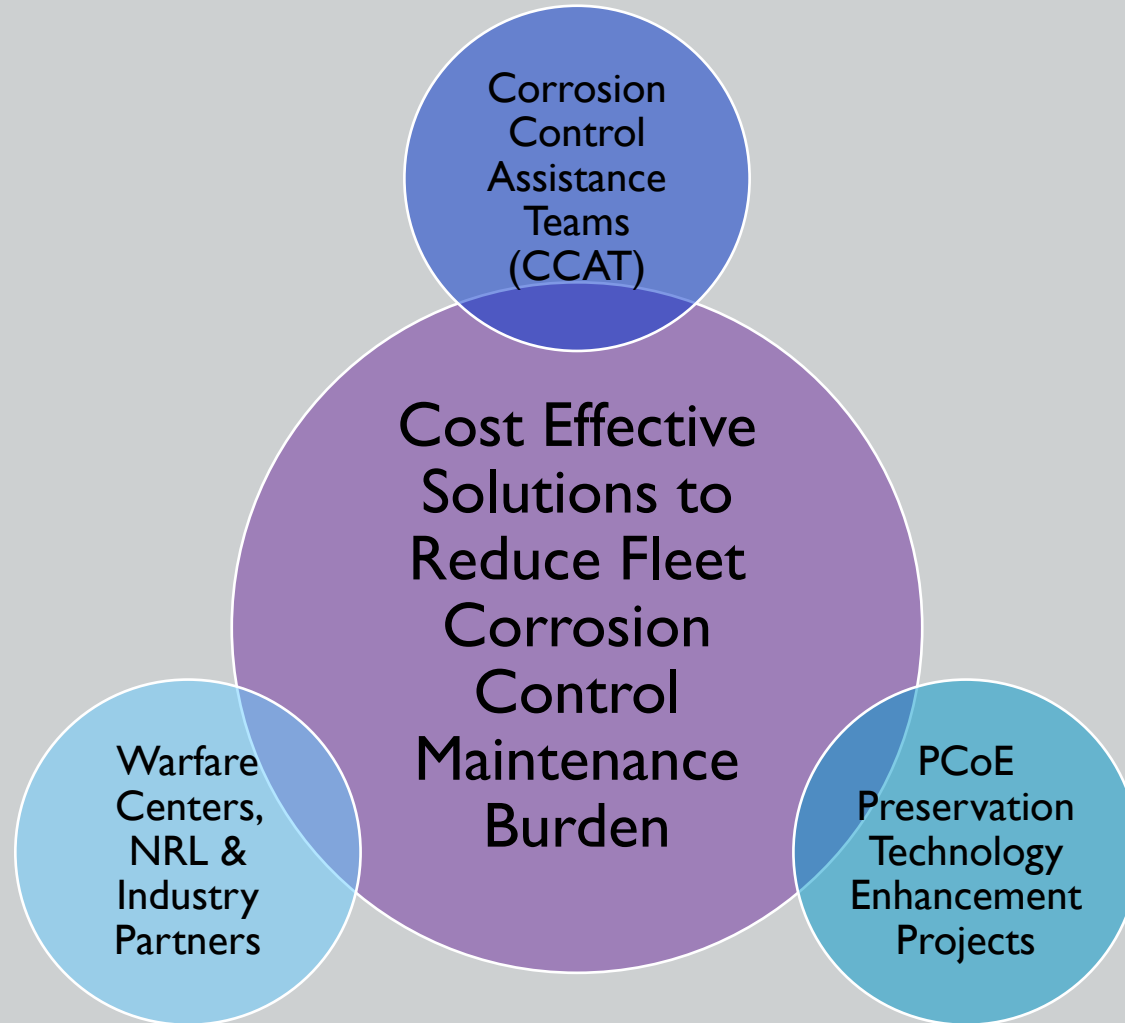
NAVSEA STANDARD ITEMS

- What are they?
 - NAVSEA Standard Items (NSIs) are “those items written to describe procedures and general requirements for the Item performance of work to be accomplished under the job order. The Standard Specification for Ship Repair and Alteration Committee approves NSIs. NSI numbers are assigned in a 009-XX series.” – Joint Fleet Maintenance Manual
 - Translation: They are what the Navy uses to inform a contractor of the requirements (QA, Surface prep, coatings, etc.) for a job. The contractor uses this information to bid on a job, and both the Navy and the contractor are held to the requirements.
- Where are they?
 - <https://www.navsea.navy.mil/Home/RMC/CNRM/Our-Programs/SSRAC/>
- How are they updated?
 - Updated **annually** at the Standard Specifications for Ship Repair and Alteration Committee (SSRAC) meeting (usually June/July)
 - Updates come from stakeholder submitted Change Proposals (due ~60-75 days prior to the SSRAC meeting)

CORROSION AND COATINGS SPECIFIC NSIs

- Corrosion and Coatings NSIs fall under the Hull/Preservation (HP) Subcommittee of SSRAC
 - Each Stakeholder activity can send 2 representatives to participate in each SSRAC subcommittee
 - SSRAC Registration is due at the same time as Change Proposals (~60-75 days prior to the SSRAC meeting)
- Preservation NSIs
 - 009-26 Deck Covering; accomplish*
 - 009-32 Cleaning and Painting; accomplish*
 - 009-124 Thermal Spray Nonskid Application; accomplish*
 - *All Preservation NSIs are Utilization Category II.

WHAT IS PCOE?



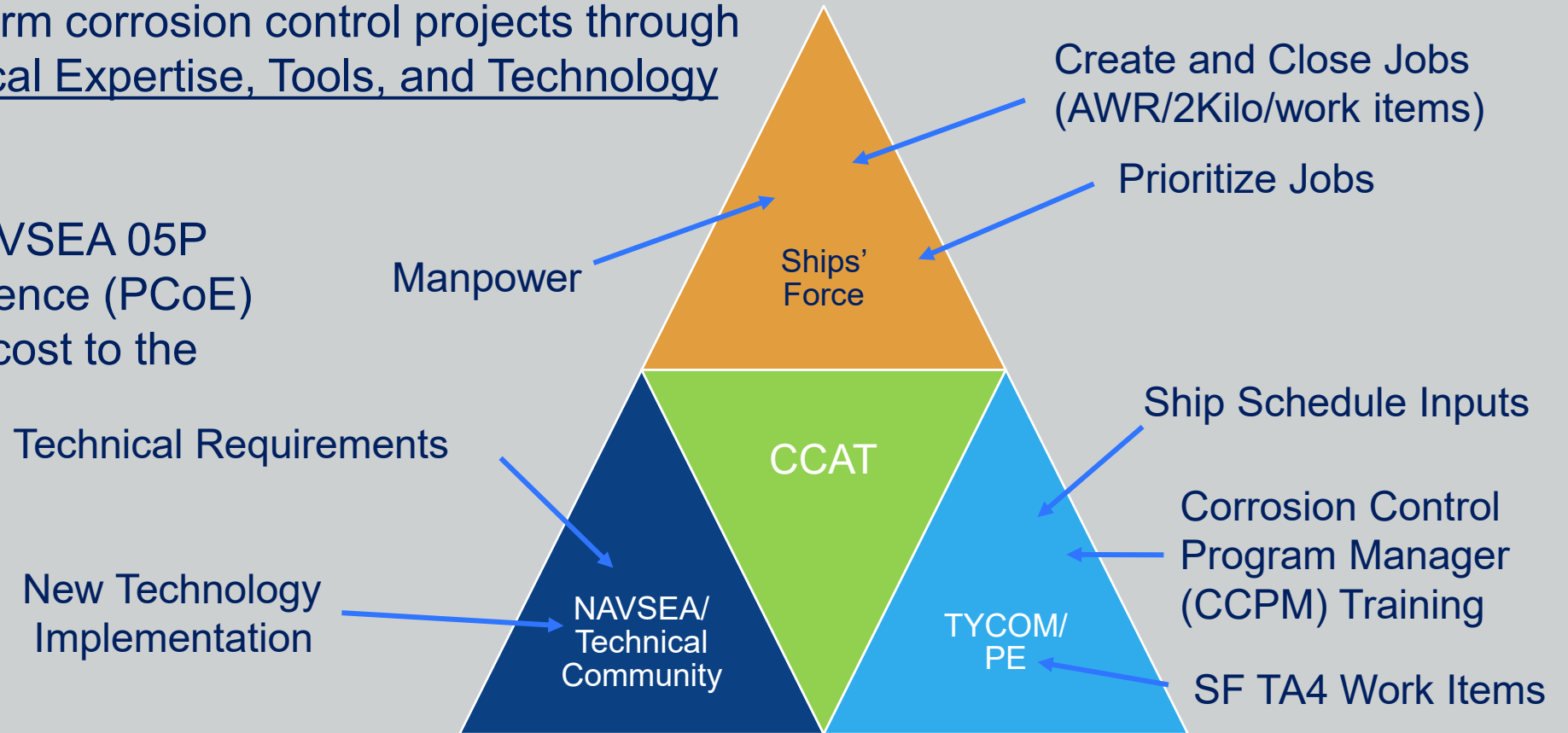
CORROSION CONTROL ASSISTANCE TEAMS (CCAT)



Who we are:

CCAT is a ship *self help* program designed to support ships' force (SF) efforts to perform corrosion control projects through the 4Ts: Training, Technical Expertise, Tools, and Technology Introduction.

CCATs are funded by NAVSEA 05P Painting Center of Excellence (PCoE) program and there is no cost to the ship except manpower.



CCAT DEPLOYMENT



Yokosuka
CRUDES and CVNs

Sasebo
AMPHIBs

Pacific Northwest
PSNS
CVNs

*Fly Away Support
for Forward
Deployed Naval
Forces (FDNF)
DDGs in Rota*



San Diego
CRUDES, AMPHIBs, and CVNs

Norfolk
CRUDES and CVNs

Little Creek
AMPHIBs

Pearl Harbor
CRUDES

Mayport
CRUDES, AMPHIBs, and PCs

AMPHIBs = L class ships
CRUDES = CGs & DDGs
CVNs = Aircraft Carriers
PCs = Patrol Crafts



POLYSILOXANE



Cleaned, not over coated saving time and materials



1k polysiloxane

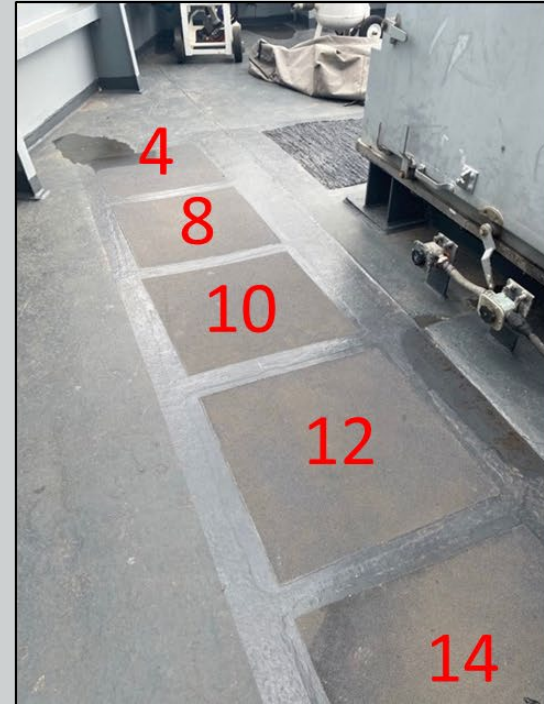


Training to spot repair where necessary

SURFACE PREPARATION



PEEL AND STICK NONSKID



NONMETALLIC COMPONENTS



TT-P-28J REVISION

INCH-POUND

TT-P-28J

July 01, 2021

SUPERSEDING

TT-P-28H

June 28, 2007

FEDERAL SPECIFICATION COATING, HEAT RESISTING

The General Services Administration has authorized the use of this federal specification by all federal agencies, some states and localities.

1. SCOPE AND CLASSIFICATION

1.1 Scope. This specification covers heat resistant coatings that will withstand elevated service temperatures and exposure to corrosive environments.

1.2 Classification. Coatings shall be of the following types, classes, grades, compositions, and applications (see 6.2).

1.2.1 Types.

- a. Type I – Type I coatings shall be liquid-applied coatings.
- b. Type II – Type II coatings shall be powder-applied coatings.

1.2.2 Classes.

- a. Class 1 – Class 1 coatings are intended for surfaces up to 1,200 degrees Fahrenheit (°F) (649 degrees Celsius [°C]).
- b. Class 2 – Class 2 coatings are intended for surfaces up to 700 °F (371 °C).
- c. Class 3 – Class 3 coatings are intended for surfaces up to 400 °F (204 °C).
- d. Class 4 – Class 4 coatings shall be suitable as a thermal spray nonskid (TSN) topcoat.

1.2.3 Grades.

- a. Grade A – Grade A coatings shall not require a heat cure to achieve full performance criteria.
- b. Grade B – Grade B coatings shall require a heat cure to achieve full performance criteria.

1.2.4 Compositions.

- a. Composition 1 – Composition 1 coatings shall be one-component systems.
- b. Composition 2 – Composition 2 coatings shall be two-component systems.

1.2.5 Applications.

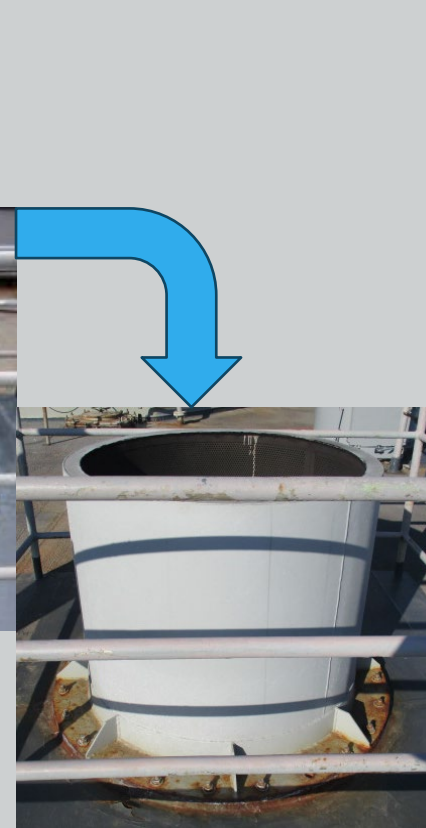
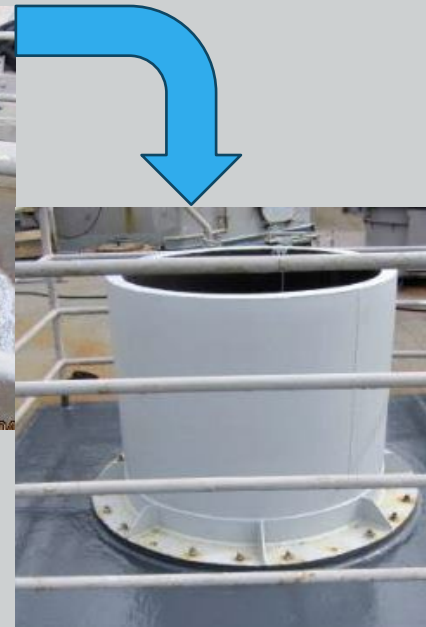
- a. Application A – Application A coatings shall be suitable for exterior use.
- b. Application B – Application B coatings shall be suitable for interior use.

Comments, suggestions, or questions on this document should be addressed to: Commander, Naval Sea Systems Command, ATTN: SEA 05S, 1333 Isaac Hull Avenue, SE, Stop 5160, Washington Navy Yard, DC 20376-5160 or emailed to CommandStandards@navy.mil, with the subject line "Document Comment". Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.dla.mil>.

FSC 8010

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OUR ONLINE PRESENCE



QUESTIONS OR COMMENTS?

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