



Army Corrosion Prevention and Control (CPC) Program

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New Army Regulation (AR) and Department of the Army Pamphlet (DA PAM)

- Establishing policies, procedures and responsibilities for Army-wide CPC Program
- Addressing gaps in existing policy (for example, AR 750-59 only covers field maintenance)
- Applicable to both weapons systems and facilities
- To be issued in 11 series, Army Programs
 - Documents entered staffing in January 2020
 - Comments adjudicated in July 2020
 - Preparing to send for legal review
 - Anticipate publication in 2021



DRAFT Policies Relevant to Surface Finishing in New AR

- Use galvanizing and/or metal-rich primers for steel substrates
- When given options in a drawing or spec (including but not limited to CARC), choose the option providing the best corrosion protection
- Seek to continually improve CPC methods and materials
- Implement new CPC technology after approval via TMs, etc.
- Use risk-based approach to identify critical corrosion vulnerabilities during systems acquisition process
- Conduct accelerated corrosion testing for prototype systems
- Apply local environmental severity classification (i.e., corrosivity zones) to guide decision-making
- Prepare and use design standards for CPC support facilities, including but not limited to paint/depaint facilities



Collaboration with OSD Office of Corrosion Policy and Oversight (CPO)

- FY21 CPC Technology Demonstration Proposals
 - Funded by OSD CPO
 - RDTE BA4-level demonstrations of CPC technologies
 - Projects must be need-based with user endorsement and eventual technology transition agreement
 - Proposals must highlight benefits relating to readiness / availability, cost, performance and joint applicability
 - Funding capped at \$2M across a maximum of four years
 - Annual reviews to determine continuation of multi-year proposals
 - Draft Army proposals due to CCPE by 18 September
- FY20 Annual Report on CPC
 - Will focus on accomplishments and funding impact
 - Asks for additional documentation based on organization's CPC responsibilities / requirements
 - Data call issued on 13 July with suspense of 1 October



RDTE Component of Army CPC Program

- Congress showing great interest (i.e., Adds) in CPC RDTE
- OSD-funded BA4 projects are only one element
- CCPE working with AFC and USACE to identify need for broader program that also encompasses early S&T
- Building from foundation of legacy Army CPC Strategic Plan (specifically RDTE appendices)
- Leveraging previous S&T roadmaps compiled by OSD
- Anticipate using CCDC Safer Alternatives for Readiness (SAFR) program as model (see Session 7 on Wednesday)
 - Documented and validated user requirements
 - Project team with all stakeholders, including transition
 - Integrated work packages including all necessary project phases
 - As many years as necessary and all colors of RDTE funding
 - Projects planned across the POM, not just “next year”



Questions?

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