A. Introductions/Opening Remarks/Section Agenda Review & Changes:
   - Navy/DLA
   - EPA
   - DOH

B. Contents of Tank Inspection, Repair, and Maintenance Procedures Report (refer to section 2.2 of AOC SOW)

1. Discuss of Lessons learned from Tank 5 and related modifications to current procedures;
   a. NAVFAC to provide their analysis of Lessons Learned
      1) Lessons learned are human-factor issues with QC
      2) The Govt relied too much on KTR QC.
      3) Release was not attributable to corrosion-related defects.
   b. EPA/DOH to provide their report
   c. Discussion on way forward in providing the analysis.
      1) What current documents are required to gain consensus.
      2) What changes to our process is required to substantiate the analysis.

2. Discussion on Improving current TIRM:
   a. Quality Control and Assurance of TIRM;
      1) Improve DoD criteria for Contractor Quality Control for test personnel, equipment, data recording, data prove-ups, analysis of data, etc.
      2) Improve DoD Criteria for Submittal requirements for API 653 Inspectors, welders, NDE technicians, materials,
      3) Improve DoD Criteria for procedures for welding, NDE, etc.
   b. Discussion of improving the QC & QA of Inspection Report and recommended repairs
   c. Discussion of development and execution of a QA Plan to review the Contractor’s QC responsibilities.
   d. Discuss NAVFAC BMS for Quality Assurance
3. Discussion for improving the TIRM procedures
   a. Discuss the development of a UFGS for tank inspection
      1) Provide QC criteria for the inspection design & personnel
      2) Performance requirements for establishing corrosion rate
      3) Performance requirements for determining \( t_{\text{min}} \)
      4) Provide requirements to repair tank after destructive testing
      5) Provide submittal requirements
      6) Provide material criteria
      7) List is to be expanded.

   b. Discuss the development of a UFGS for tank repair
      1) Require design of repairs prior to mobilization by an API 653 certified
         engineer experienced in repair of the Red Hill Tanks
      2) Require QC requirements for the design and personnel
      3) Refer to coating specification for coating
      4) Refer to welding specification for welding of pipelines
      5) Develop welding criteria for welding of tanks
      6) Provide material specifications (type of steel for patch plates)
      7) Provide requirements for repair

   a. The GOVT is more Risk Adverse than API RP 580
      1) mission requirements, Self-insured, Public, FAR requirements
   b. The suggestion of performing a CIR tank project continuously (similar to the Golden State Bridge inspect/repair project) can be investigated.
      1) Discuss Inspection/Repair procedures vs time vs # tanks that can be taken out at a time.

5. Current TIRM procedures:

   PART I - INSPECTION
   a. Non-destructive testing –
      1) LFET, BFET, UT, MT, Dye Penetrant, Pressure Test, Vacuum Test
      2) Provide equipment capabilities/reliabilities and personnel qualifications requirements
      3) Provide the procedure in performing the testing
4) Provide the safety hazards involved during the testing
5) Provide the environmental controls equipment required
6) Provide the electrical requirements to maintain the environmental controls & equipment.
b. Destructive testing
c. Quality control
d. Welding
e. Tank inspections
f. Pipeline inspections
g. Recommissioning (after maintenance or repair of tanks taken temporarily out of service);

PART II - REPAIR
a. Non-destructive testing –
   1) UT, MT, Dye Penetrant, Pressure Test, Vacuum Test
   2) Provide equipment capabilities/reliabilities and personnel qualifications requirements
   3) Provide the procedure in performing the Repairs
   4) Provide the safety hazards involved during the Repairs
   5) Provide the environmental controls equipment required
   6) Provide the electrical requirements to maintain the environmental controls & equipment.
b. Destructive testing – Not performed for Repairs
c. Quality control
d. Welding
d. Tank Repairs
e. Pipeline Repairs
f. Recommissioning (after maintenance or repair of tanks taken temporarily out of service);

PART III – MAINTENANCE
a. Alarm operation and testing

6. Actions that can be taken throughout the facility, as soon as practicable, to reduce risk of release that can be implemented independent of tank upgrades.
a. Continue with inspections
b. Use new criteria documents
c. Adapt new QC and QA processes
d. Incorporate new NAVSUP instruction to return the tank to Service.
e. Work with Teams working on Tasks 3, 4, and 5 and incorporate findings into TIRM as appropriate

C. Action Items

D. Additional Scoping Meetings Required?

E. Schedule