

ACCESSING HAMERA WEB SITE

In order to access COMNAVSURFLANT HAMERA web site you need a web browser on your computer.

- A web browser (Microsoft Explorer)

In order to completely utilize COMNAVSURFLANT HAMERA web site you need the following software on your computer:

- Microsoft WORD
- Microsoft ACCESS
- Microsoft EXCEL or EXCEL viewer
- Microsoft PowerPoint or PowerPoint viewer
- Adobe Acrobat Reader (can be downloaded from www.adobe.com)

To get to COMNAVSURFLANT's web site go to www.spear.navy.mil . This site is restricted in some areas. You need a username and a password to access restricted areas. To see if you qualify and to obtain a username and password, click on the appropriate option to request a username and password. Follow the instructions and submit your request. You will be notified when you have been accepted and given access to the restricted area in question.

To access the HAMERA site, once you are on COMNAVSURFLANT's site, click option **Measures and Data** from the **Main Menu** on the left in the blue area.

On the **Measures and Data** page under the first bullet **Maintenance Process**, click **Discover and Document**.

This brings you to the **Discover and Document Work** page. Under the second bullet **Data**, click the last option **HAMERA**. This brings you to the HAMERA web page. By clicking **HAMERA SYSTEM DIRECTORY** you will have access to the HAMERA information. Some areas may require a password.

HAMERA SYSTEMS DIRECTORY

TANKS AND VOIDS ASSESSMENT PROCESS

- **Preservation Protocol Letter Ser N434/1078 (16 Aug 1999)**
 - Preservation/Protocols for COMNAVSURFLANT tanks and voids (requires Microsoft WORD).
- **MIP Pages for Tanks, Voids, and Trunks (1230)**
 - Maintenance Index Page (MIP) for Tanks, Voids and Trunks.

- **Tanks and Voids Assessment Procedure (1230) (MRC Cards) (Requires Adobe Acrobat Reader)**
 - MRC cards on what is to be done while inspecting the tank/void.
- **Ships List for CNSL Tank & Void Program**
 - A list of ships that are in the CNSL Tank and Void Program.
- **Assessment Process**
 - Tank & Void layouts for FFG 7, DDG 51, DD 963, & DDG 993 Classes.
 - Tank & Void Inspection report forms and addendum (requires Microsoft WORD).
 - Tank & Void paint condition photo examples.
 - Tank & Void paint blister photo examples.
- **Maintenance Strategy**
 - Flowchart for COMNAVSURFLANT's Tank and Void Maintenance Strategy.

TANKS AND VOIDS

- **Assessment and Closeout Data**

❖ CURRENT TANK AND VOID STATUS

- Tank and Void Planning Closeout/Assessment Report.
 - ❖ Takes you to the Assessment/Closeout Planning Query Menu where you can select a hull and can view the condition of an individual tank or all tanks that have been assessed.
- Tank and Void Paint Condition (Variable Parameter Query on Entire Database, Includes Paint Condition Photo Examples).
 - ❖ Takes you to the Tank and Void Paint Condition Query Menu where you can select paint conditions using selected class or selected hull. Then choose all tanks or a specific tank to view Paint Condition Assessment/Closeout Report.
- Tank and Void SqFt Condition Report
 - ❖ Takes you to the Square Foot Condition Query Menu where you can select a hull and can view the paint condition in square feet for an individual tank or all tanks that have been assessed.

- Tank and Void Last assessment results of tanks by hull (Select SINGLE, MULTIPLE, or ALL reports for ASSESSED Tanks only).
 - ❖ Takes you to the Tank and Void Last Inspection Results Menu where you select by hull, then by all tanks or a specific tank the Tank and Void Assessment Results Form(s) filled out by the Assessor for the last assessment of all assessed tanks.
- Tank and Void Man Days to Repair Analyzer
 - ❖ Takes you to the Tank and Void Repair Analyzer Menu where you select by uic, by hull, or by class, then enter paint condition, and man days per square foot which returns you a graph representing Hull, Tank Number, Sides, Top, Bottom, T-bars, Tank Area, Total Man Days to estimate the accomplishment of the job.
- Tank Closeout History by Hull / Tank
 - ❖ Takes you to the Tank Closeout Data Menu where you select by hull the closeout data for all assessed tanks.
- Tank & Void Painted Area by Class
 - ❖ Takes you to the Tank and Void Painted Area by Class Menu where you select by hull which displays ship's name, tanks service, tank number, and total area of tank in square feet.
- Tank & Void Pictures
 - ❖ Takes you to Tank and Void Pictures Menu, which is a restricted area. You need a username and password to access the photographs of the last assessment of individual tanks for a specific hull. Select by coast then by hull, then by assessment date, then by JCN or location.
- **Coating Age Degradation Curves**
 - Displays menu to select coating degradation curves by SWLIN (ESWBS).
 - ❖ Coating Degradation curves project a paint failure condition over a period of years, results are returned in a graph form. This requires Microsoft Excel or Viewer.
- **Tank List by Hull**
 - Displays the **Tanks and Voids List Sorted by Ship** menu where one selects the East Coast, West Coast or Both Coasts. This will display a menu to select the individual ship by hull and name as indicated next.

- Displays a report that lists tank number, service, SWLIN, tank area, capacity in gallons, key code and source for selected ship.
- **Tank List by Class**
 - Displays the **Tanks and Voids List Sorted by Class** menu where one selects the East Coast, West Coast or Both Coasts. This will display a menu to select the desired ship class as indicated next.
 - Displays a report that lists tank number, hull applicability, service and SWLIN for selected ship class.
- **Tank Data Entry Database** (Last Update on ...) (Requires Microsoft ACCESS)
 - You must download this ACCESS database in order to view it. Microsoft ACCESS is required to view this database. It contains the data entry module that allows you to create a separate database to enter assessment information acquired from the HMER A visits.
- **All Current Database Tables** (Last Update on ...) (Requires Microsoft ACCESS)
 - You must download this ACCESS database in order to view it. Microsoft ACCESS is required to view this database. It contains all current database tables available for viewing on the HMER A site.

UNDERWATER HULL ASSESSMENT PROCESS - INCLUDING DRYDOCK DECISION DATA

- **Waterborne Assessment Data**
 - Contains menu to select Bearing Data, Propeller Report, Dock and/or Dive Reports, and DFT Paint Zones (requires Adobe Acrobat Reader).
- **Drydock Decision Data**
 - Contains menu to select Generic Drydocking Checklists & Blank Docking Report and the Drydocking Checklists.
- **CNSL CONDITION BASED DRY-DOCKING PROCESS, MAJOR MILESTONE DATA** (Requires Adobe Acrobat Reader)
 - Contains up-to-date Condition Based Drydocking Process Report which includes the Major Milestone Data.
- **Interior Underwater Hull Assessment Data** (Requires Adobe Acrobat Reader)

- Contains menu to select the Shell Condition Reports by hull and inspection dates.

- **Shafting Historical Baseline Data**

- Contains menu to select the Shafting Historical Baseline Data by hull for reports. If reports contains pictures then Microsoft PowerPoint Viewer is required to view.

CSMP SUPPLEMENTAL INFORMATION

- **Supplemental Information**

- Contains 2-Lima information amplifying the 2-Kilo selected by hull and JCN. This site is password protected.

PIPING ULTRASONIC TESTING DATA RECORDS

- **UT Piping Reports**

- Contains the UT Piping Reports Menu where one can select reports by individual hulls.

PIPING SYSTEM ASSESSMENT PROCESS (REQUIRES ADOBE ACROBAT READER)

- **General Piping Assessment (MRC Cards)**

- Contains Maintenance Requirement Cards (MRC) on inspecting shipboard piping.

- **UT Testing of Piping (MRC Cards)**

- Contains Maintenance Requirement Cards (MRC) specifying the requirements for Ultrasonic testing of selected piping.

- **Insulation and Lagging (MRC Cards)**

- Contains Maintenance Requirement Cards (MRC) on how to inspect piping insulation and lagging.

REMOTE VALVE ASSESSMENT PROCESS (Requires Adobe Acrobat Reader)

- **Mechanical Remote Operators for Valves (MRC Cards)**

- Contains Maintenance Requirement Cards (MRC) on how to inspect Mechanical Remote Valve Operators and Valves.
- **Electrical Motor Operated Valves (MRC Cards)**
 - Contains Maintenance Requirement Cards (MRC) on how to inspect Electrical Remote Valve Operators and Valves.
- **Hydraulic Fluid Operating Valves (MRC Cards)**
 - Contains Maintenance Requirement Cards (MRC) on how to inspect Hydraulic Remote Valve Operators and Valves.

HULL STRUCTURAL ASSESSMENT PROCESS (Requires Adobe Acrobat Reader)

- **Bulkheads, Decks, and Trunks (MRC Cards)**
 - Contains Maintenance Requirement Cards (MRC) on how to inspect Hull Structure such as: Structural Bulkheads, Structural Decks and Trunks.
- **Hull Structure Above Underwater Body (MRC Cards)**
 - Contains Maintenance Requirement Cards (MRC) on how to inspect Hull Structural above the Underwater Body such as: Bilge Areas, Propulsion Unit Foundations, and various Machinery Foundations.
- **Superstructure and Fittings (MRC Cards)**
 - Contains Maintenance Requirement Cards (MRC) on how to inspect the Superstructure and various Fittings.
- **Mast Structure, Stack and Mack Structure (MRC Cards)**
 - Contains Maintenance Requirement Cards (MRC) on how to inspect the Mast Structure, Stacks and Macks.
- **Watertight/Airtight/Ballistic Doors, Hatches and Scuttles (MRC Cards)**
 - Contains Maintenance Requirement Cards (MRC) on how to inspect Watertight and Airtight Closures such as: Doors, Hatches and Scuttles.
- **Combustion Air Intakes and Uptakes (MRC Cards)**
 - Contains Maintenance Requirement Cards (MRC) on how to inspect the Combustion Air Intakes and Uptakes.

- **GRP Hull Assessment** (MRC Cards)
 - Contains Maintenance Requirement Cards (MRC) on how to inspect Glass Reinforced Plastic (GRP) Hull Assessment such as: GRP Doors, Ladders, Tanks, Life Rails, etc.

ELECTRICAL SYSTEM ASSESSMENT PROCESS (Requires Adobe Acrobat Reader)

- **Electrical Cableways** (MRC Cards)
 - Contains Maintenance Requirement Cards (MRC) on how to inspect Electrical Cableways and Wireways.

VENTILATION SYSTEM ASSESSMENT PROCESS (Requires Adobe Acrobat Reader)

- **Internal Video Ventilation Assessment**
 - Contains the selection menu for the Predator (video graphics) Reports by hull and date of visit.
- **Ventilation Systems** (MRC Cards)
 - Contains Maintenance Requirement Cards (MRC) on how to inspect the Ventilation Systems.
- **Ventilation Motors and Controllers** (MRC Cards)
 - Contains Maintenance Requirement Cards (MRC) on how to inspect Ventilation Motors and Controllers.
- **Interior Ventilation and Ducting** (MRC Cards)
 - Contains Maintenance Requirement Cards (MRC) on how to inspect the interior of Ventilation and Ducting.

MAIN CONDENSER ASSESSMENT (Requires Adobe Acrobat Reader)

- **LPD 15**
 - Contains Main Condenser Assessment Final Summary for the USS PONCE (LPD 15).