MANNING PLAN

CAPTAIN TOM LANGLOIS
USMC
MANNING CONCEPT

- MERCHANT TANKER AS A BASELINE
- ADD PERSONNEL AS JUSTIFIED
- SPLIT ORGANIZATION
  - COMMAND FUNCTION
  - WATCHSTANDING
    - SHIP OPERATIONS
    - COMBAT SYSTEM
  - MAINTENANCE
  - CREW SUPPORT
WATCHSTANDING

• SHIP OPERATIONS
  – OFFICER OF THE DECK
  – BRIDGE LOOKOUT
  – ENGINEERING OFFICER OF THE WATCH

• COMBAT SYSTEM
  – COMBAT SYSTEMS OFFICER OF THE WATCH
  – COMM SPECIALIST
  – EW SPECIALIST
WHY A FOUR SECTION WATCH?

- FLEXIBILITY
  - EASY TO MODIFY

- WORK LOAD
  - WATCHSTANDING - 6 HOURS
  - ADMINISTRATIVE DUTIES - 6 HOURS
  - EAT/SLEEP TIME - 12 HOURS
MAINTENANCE

• DIVIDED ALONG FUNCTIONAL AREAS
  – DECK FORCE
  – HM&E FORCE
  – COMBAT SYSTEMS SUPPORT FORCE

• ROUTINE AND PREVENTATIVE MAINTENANCE
  – LIMITED CORRECTIVE MAINTENANCE CAPABILITY
A CREW FOR THE SHIP...

• ROTATE THE CREW
  – CREWS ROTATES AS A UNIT
  – CREW ARRIVES PRE-TRAINED & MISSION READY

• 18 MONTH CYCLE
  – 6 MONTHS TRAINING
  – 12 MONTHS FORWARD DEPLOYED
BUILDING A CREW

- PERSONNEL ASSIGNED TO A CONUS BASED TRAINING COMMAND
- CREW MEMBERS ARE FORMED INTO CREWS AND TRAINED
- INTEROPERABILITY TRAINING WITH BATTLE GROUPS
## Arsenal Ship Characteristics

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>LOA</td>
<td>667 ft</td>
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<tr>
<td>BEAM</td>
<td>97 ft</td>
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<tr>
<td>DRAFT</td>
<td>34 ft</td>
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<tr>
<td>DISPLACEMENT</td>
<td>39,500 LT</td>
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<tr>
<td>RANGE</td>
<td>75,800 NM</td>
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<tr>
<td>ENDURANCE</td>
<td>210 DAYS</td>
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</tbody>
</table>
Arsenal Ship Characteristics

TOTAL INSTALLED HORSEPOWER
57,750 HP

FLOODABLE LENGTH
3 COMPT
29.75 FT

KG
29.75 FT

GM
11.20 FT
General Arrangements

- HELO DECK
- MID-BODY CROSS SECTION
- HABITABILITY ZONES
- KEEL ANCHOR