MEMORANDUM FOR

CAPT. McCREA:

Will you let me have a memorandum showing the characteristics of these ships?

F.D.R.

January 26, 1942.

MEMORANDUM FOR THE PRESIDENT

A tabulation showing the characteristics requested above is attached hereto.

Very respectfully,

JOHN L. McCREA
### Characteristics of Ships in the 1799 Vessel Program

<table>
<thead>
<tr>
<th>Vessel</th>
<th>Length O. A.</th>
<th>Beam</th>
<th>Draft F. L.</th>
<th>Displacement F. L.</th>
<th>Speed  F. L.</th>
<th>Cruising Radius Miles at Knots</th>
<th>Armament</th>
<th>Type Machinery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escort Vessel (SUB)- Convoy</td>
<td>306'</td>
<td>35'6&quot;</td>
<td>10'17&quot;</td>
<td>1660</td>
<td>24</td>
<td>6000</td>
<td>12</td>
<td>1 - triple 21&quot; T.T. Some Turbo Electric, and some Diesel Electric depending on availability of engines.</td>
</tr>
<tr>
<td>Minesweeper Fleet (AN)</td>
<td>221'</td>
<td>32'</td>
<td>10'1</td>
<td>1131</td>
<td>15</td>
<td>4500</td>
<td>16-1/2</td>
<td>2 - 37 50 Guns &amp; 4 - 20 mm M.G.</td>
</tr>
<tr>
<td>Motor Minesweeper (TMS)</td>
<td>136'</td>
<td>24'16&quot;</td>
<td>6'15&quot;</td>
<td>260</td>
<td>14-1/2</td>
<td>1500</td>
<td>14-1/2</td>
<td>1 - 37 50 Guns &amp; 2 - 20 mm M.G.</td>
</tr>
<tr>
<td>A/S Vessel (FC)</td>
<td>184'6&quot;</td>
<td>33'</td>
<td>9'1</td>
<td>850</td>
<td>16</td>
<td>4000</td>
<td>15</td>
<td>2 - 37 50 Guns &amp; 2 - 20 mm M.G. Depth Charges: 2 tracks &amp; 4 throwers</td>
</tr>
<tr>
<td>Ocean-going Tug (AT)</td>
<td>205'</td>
<td>38'6&quot;</td>
<td>14'13&quot;</td>
<td>1500</td>
<td>16-1/2</td>
<td>5000</td>
<td>15</td>
<td>1 - 37 50 Guns &amp; 2 - 150 M.G. Diesel Electric</td>
</tr>
<tr>
<td>Salvage Vessel (ARS)</td>
<td>183'13&quot;</td>
<td>37'</td>
<td>13'11&quot;</td>
<td>1384</td>
<td>12</td>
<td>3000</td>
<td>12</td>
<td>1 - 37 50 Guns &amp; 2 - 20 mm M.G. Diesel Electric</td>
</tr>
<tr>
<td>Atlantic Tank Landing Craft (ATL)</td>
<td>309'</td>
<td>50'</td>
<td>9'1</td>
<td>3355</td>
<td>10</td>
<td>5000</td>
<td>10</td>
<td>4 - 20 mm M.G. Diesel</td>
</tr>
<tr>
<td>Tank Landing Craft Carrier (APM)</td>
<td>458'</td>
<td>72'</td>
<td>14'15&quot;</td>
<td>7100</td>
<td>17</td>
<td>8000</td>
<td>15</td>
<td>1 - 37 50 Guns &amp; 8 - 20 mm M.G. Steam</td>
</tr>
<tr>
<td>Shallow Draft T.L.C. (YTL)</td>
<td>107'</td>
<td>32'</td>
<td>3'16&quot;</td>
<td>265'</td>
<td>10</td>
<td>5000</td>
<td>10</td>
<td>Use Tank Battery Diesel</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>VESSEL</th>
<th>Length C. A.</th>
<th>Beam</th>
<th>Draft F. L. Mean</th>
<th>Displacement F. L.</th>
<th>Speed 10.5 mph</th>
<th>Cruising Radius 65 mi.</th>
<th>Armament 2 - 30 Cal. M.G.</th>
<th>Type Machinery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Higgins Eureka</td>
<td>36'1</td>
<td>10'9*</td>
<td>31'6*</td>
<td>9.2 Tons</td>
<td>Full Speed</td>
<td></td>
<td></td>
<td>Diesel</td>
</tr>
<tr>
<td><strong>Harbor Craft</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>(This includes the Net Tender (YK) and certain other small craft not as yet clearly defined by the British)</td>
<td></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net Tender (YK)</td>
<td>151'8*</td>
<td>30'6*</td>
<td>13'7*</td>
<td>700 Tons</td>
<td>11</td>
<td>3000 mi.</td>
<td>1 - 38 50 Guns</td>
<td>Diesel Electric</td>
</tr>
<tr>
<td>72' Motor Launch</td>
<td>75'1</td>
<td>16'1</td>
<td>41'3*</td>
<td>50 Tons</td>
<td>10 kts</td>
<td>500 mi.</td>
<td>1 - 3 Pounder</td>
<td>Diesel</td>
</tr>
<tr>
<td>63' Aircraft Rescue Boat</td>
<td>63'1</td>
<td>15'1</td>
<td>31'6*</td>
<td>25 Tons</td>
<td>34 kts</td>
<td>500 mi.</td>
<td>2 - 30 Cal. Twin or</td>
<td>Gasoline</td>
</tr>
</tbody>
</table>