Domestic Icebreaking (DOMICE) Operations
DOMICE Objectives

- Establish/Maintain tracks to keep critical waterways open to winter navigation.
- Assist and escort vessels impeded by ice.
- Clear/relieve ice jams that cause shoreline/coastal flooding.
USCG Icebreaking Policy

- Not to interfere with commercial icebreaking service where available and adequate.
- Primarily operating in critical waterways
- Does not charge fees or seek reimbursement
- Icebreaking at night or during inclement weather is at CO’s discretion
Areas of Operation

The Great Lakes (D-9)

St Lawrence Seaway

North East (D-1)

Central East (D-5)
Heavy Icebreaker Location

Mackinaw (WLBB 30)
Homeport: Cheboygan, MI
Medium Icebreaker Locations

Bay Class Icebreaking Tugs (WTGB)

Juniper Class Buoy Tender (WLB)
Light Icebreaker Locations

Harbor Class Icebreaking Tugs (WYTL)

Keeper Class Buoy Tenders (WLM)
<table>
<thead>
<tr>
<th>TYPE</th>
<th>LENGTH</th>
<th>ICE BREAKING CAPABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>WLBB (heavy)</td>
<td>240’</td>
<td>32” @ 3 kts 10’</td>
</tr>
<tr>
<td>WLBM (Ice Capable)</td>
<td>225’</td>
<td>14” @ 3 kts 36”</td>
</tr>
<tr>
<td>WLM (Ice Capable)</td>
<td>175’</td>
<td>9” @ 3 kts 18”</td>
</tr>
<tr>
<td>WTGB (medium)</td>
<td>140’</td>
<td>30” @ 3 kts 4’</td>
</tr>
<tr>
<td>WYTL (light)</td>
<td>65’</td>
<td>12” @ 3 kts 4’</td>
</tr>
</tbody>
</table>
Current DOMICE Issues

- Exploring establishing an Ice Operations Center of Expertise
- WTGB Service Life Extension Project (SLEP)