for Subchapter M compliance
Software-as-a-Service

Primary web application for smartphones, tablets, computers. Offline capable companion app: Voyager.

A software tool to manage Subchapter M regulations.
Set safety standards in the towing industry that protect people, property, and the environment.
Improve individual and collective choices so that externalities are a major factor.
Procedures → Records/Data → Compliance → Insights → Methods
§ 140.915 Items to be recorded.

(a) The following list of items must be recorded in the TVR, official logbook, or in accordance with the TSMS applicable to the vessel:

(1) Personnel records, in accordance with § 140.400;
(2) Safety orientation, in accordance with § 140.410;
(3) Record of drills and instruction, in accordance with § 140.420;
(4) Examinations and tests, in accordance with § 140.615;
(5) Operative navigational safety equipment, in accordance with § 140.620;
(6) Navigation assessment, in accordance with § 140.635;
(7) Navigation safety training, in accordance with § 140.645;
(8) Oil residue discharges and disposals, in accordance with § 140.655;
(9) Record of inspection of towing gear, in accordance with § 140.820; and
(10) Fire-detection and fixed fire-extinguishing, in accordance with § 142.240.

(b) For the purposes of this subchapter, if items are recorded electronically in a TVR or other record as specified by the TSMS applicable to the towing vessel, these electronic entries must include the date and time of entry and name of the person making the entry. If after an entry has been made, someone responsible for entries determines there is an error in an entry, any entries to correct the error must include the date and time of entry and name of the person making the correction and must preserve a record of the original entry being corrected.

Note to § 140.915. For towing vessels subject to 46 U.S.C. 11301, there are statutory requirements in that U.S. Code section for additional items that must be entered in the official logbook. Regarding requirements outside this subchapter, such as requirements in 33 CFR 151.25 to make entries in an oil record book, § 140.915 does not change those requirements.
Spreadsheets...

Paper...
Implementing procedures with paper/spreadsheets methods can **cause problems**

- Missing objective evidence for compliance
- Distribution issues
- Not traceable
- Does not provide meta-analysis
- Accountability issues
- Discourages collaboration
- Waste of time
Implementing procedures with specialized software methods can solve these problems:

- Eliminate compliance risks
- Solve distribution of resources (forms, manuals)
- Trace everything to a source
- Provide meta-analysis
- Provide accountability
- Encourage collaboration
- Save time
All Subchapter M recordkeeping requirements can be captured in MobileOps.
Critical: Get crew members to buy-in.
Software needs to be simple and easy to use.
Uhhhh...
familiar = simple
Hi Michael, your FWC has expired.
View on MobileOps:
mech Ops
request feature
HOW: DRIVE ENGAGEMENT WITH MOBILEOPS

Familiar and accessible

Intuitive and user friendly

Foster collaboration and the sharing of data

Treats an individual’s attention as a scarce resource
HIGH ENGAGEMENT LEADS TO...

...high quality records for compliance
...high quality data for insight and meta-analysis
...a safer culture that considers externalities

Meta-analysis leads to improved procedures, methods, and insights... which kicks starts a **positive feedback loop.**
POSITIVE FEEDBACK LOOP

- Prove regulatory compliance with Subchapter M
- Improve margins via efficiencies/data analysis
- Mitigate risk with an improved safety culture
- Good public perception
- Optimize services, make them better
A FEW MOBILEOPS EXAMPLES

• Training Topics + Topics Report
• Drills
• Personnel Documents
### Topics Report

**Modify Date:** Apr 28, 2018  
**Scope by Role:** Captain

<table>
<thead>
<tr>
<th>Topic Overdue (days)</th>
<th>Export Report</th>
<th>Topic due (days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abandon Ship</td>
<td></td>
<td>363</td>
</tr>
<tr>
<td>Accident Prevention</td>
<td></td>
<td>335</td>
</tr>
<tr>
<td>Back Safety</td>
<td></td>
<td>314</td>
</tr>
<tr>
<td>Emergency Preparedness</td>
<td></td>
<td>49</td>
</tr>
<tr>
<td>Fall Prevention</td>
<td></td>
<td>314</td>
</tr>
<tr>
<td>Fire</td>
<td></td>
<td>28</td>
</tr>
<tr>
<td>Grounding/Collision</td>
<td></td>
<td>299</td>
</tr>
<tr>
<td>Hazardous Materials</td>
<td></td>
<td>340</td>
</tr>
<tr>
<td>Helicopter Evacuation</td>
<td></td>
<td>327</td>
</tr>
<tr>
<td>Illness/Injury/Accident Reporting</td>
<td></td>
<td>164</td>
</tr>
<tr>
<td>Line Throwing</td>
<td></td>
<td>335</td>
</tr>
<tr>
<td>Lock Out/Tag Out</td>
<td></td>
<td>312</td>
</tr>
<tr>
<td>Loss of Electrical Power</td>
<td></td>
<td>341</td>
</tr>
<tr>
<td>Loss of Propulsion</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Overdue Days:** 365
Compliance is an opportunity.
Intuitive and thoughtful software like MobileOps helps you maximize the opportunity.
Thank you.

Checkout our booth for more information.

mobileops.co