



WASHINGTON STATE

**Department of Ecology**

Spill Prevention, Preparedness, and Response Program

Prevention Section

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## VBAP-ECOPRO Tank Barge, Tow Vessel, and ATB Company Audit Checklist

Name of Company:

Number of ATBs (if any):

Primary Point of Contact for plan:

Number of Conventional Tank Barges (if any):

VBAP or ECOPRO (Circle one):

Date of Inspection:

Name of Inspector(s):

Location of inspection:

No.	Standard	Meets VBAP Standard Yes/No	Meets ECOPRO Standard Yes/No	General Remarks and Reason(s) for not meeting the standard
1.	<b>Navigation Watch Composition</b>  VBAP 1.a. through 1.d. ECOPRO: Cell phone use			
2.	<b>Security Rounds</b>  VBAP 2.b.1 through 2.b.3 VBAP 2.c: Checklist training VBAP 2.d: Frequency of rounds VBAP 2.f: (ATBs only) ECOPRO: Security rounds done every 2 hours, even if barge has an automated fire and flooding detection system.			
3.	<b>Voyage Planning</b>  ECOPRO: Six month retention ECOPRO: Captain reviews plan			
4.	<b>Bar Crossing Procedures</b> Entire standard			ECOPRO standard same as VBAP standard.
5.	<b>Pre-arrival and Pre-departure Tests and Inspections and Compass Checks</b>  VBAP 5.b: Magnetic vs. gyro headings VBAP 5.c: Additional tests			

No.	Standard	Meets VBAP Standard Yes/No	Meets ECOPRO Standard Yes/No	General Remarks and Reason(s) for not meeting the standard
6.	<b>Emergency Procedures</b>  <b>ECOPRO:</b> Emergency squad organization is in place. <b>ECOPRO:</b> Additional training <b>ECOPRO:</b> Drills			
7.	<b>Event Reporting</b> Entire standard			
8.	<b>Tank Barge and Tow Vessel Crewing</b>  <b>VBAP 8.a:</b> Two tankermen are not required to be on board the tank barge or ATB (cargo deck) during cargo transfers if: <ol style="list-style-type: none"> <li>1. Barge/ATB control room has an unrestricted view of entire cargo deck; and</li> <li>2. Barge/ATB is equipped with a redundant high level alarm system; and</li> <li>3. Barge &gt; 300 feet (91.4 meters).</li> </ol> <b>If any of the above three factors are not valid,</b> then <b>two</b> persons, one of whom is a certified tankerman, are on the tank barge during <u>all</u> cargo operations.			ECOPRO standard same as VBAP standard.          For ATBs, length of barge is used
9.	<b>Familiarization (Orientation) Training</b>  <b>VBAP 9.a and 9.b. – 9.i.</b> <b>ECOPRO:</b> Additional topics			
10.	<b>Position-Specific Training</b> Entire standard			
11.	<b>Refresher Training</b> Entire standard			
12.	<b>Emergency Drills</b>  <b>ECOPRO:</b> Additional annual drills AND items requiring follow-up corrective action are logged in the deck log. <b>ECOPRO:</b> Critique after drill <b>ECOPRO:</b> Follow up corrective action			

No.	Standard	Meets VBAP Standard Yes/No	Meets ECOPRO Standard Yes/No	General Remarks and Reason(s) for not meeting the standard
13.	<b>Drug and Alcohol Policies</b> Entire standard			
14.	<b>Work Hours (Rest Periods)</b> Entire standard			
15.	<b>Record Keeping – Training Records and Work Hour Records</b>  Entire standard			ECOPRO standard same as VBAP standard.
16.	<b>Vessel Visitation</b>  <b>VBAP:</b> Time, date, and findings of quarterly vessel visits are logged in the deck log book. <b>ECOPRO:</b> Time, date, and findings of more frequently than quarterly vessel visits are logged in the deck log book. <b>ECOPRO:</b> Shore-based personnel			
17.	<b>Planned Maintenance Program</b> Entire Standard			
18.	<b>Hull Inspection Plans</b> Entire Standard			
19.	<b>Preventive Maintenance Documentation</b>  <b>VBAP:</b> Entire VBAP standard			
21.	<b>Technology – Tank level sensing equipment and emergency shut-down system</b>  <b>ECOPRO:</b> Tank barge remote cargo pump shut-down device is given to the receiving facility or vessel during all cargo discharges.			
22.	<b>Technology – Towing Equipment</b>  <b>ECOPRO:</b> Tow line components exceed standards for breaking strength <b>ECOPRO:</b> Ability of tow vessel to abort and reset tow winch brake is tested monthly <b>ECOPRO:</b> Proactive maintenance program			VBAP and ECOPRO towing equipment (towing astern) requirements 22.a - 22. i are not applicable to ATBs.

No.	Standard	Meets VBAP Standard Yes/No	Meets ECOPRO Standard Yes/No	General Remarks and Reason(s) for not meeting the standard
26.	<b>Technology – Tug-Tow Match</b> <b>VBAP 26.a:</b> Tow vessel, if used for coastal towing, has twin screws <b>VBAP 26.b:</b> Tow vessel’s bollard pull <b>ECOPRO:</b> All tow vessels, regardless of operating area, have twin screws <b>ECOPRO:</b> Bollard pull			
27.	<b>Ballast Water Management, if applicable</b> <b>VBAP 27.a:</b> Ballast water management procedures and policies are maintained on board the tow vessel or the barge in Shipboard Management System (SMS) manuals. <b>VBAP 27.b:</b> Ballast water training			ECOPRO standard same as VBAP standard. Not applicable if ballasting is not conducted.
28.	<b>Waste Oil and Oily Water Management System</b> Entire standard			
29.	<b>Automated Identification System (AIS)</b> Entire standard			ECOPRO standard same as VBAP standard.
30.	<b>Spill Preparedness Forms and Checklists</b> Entire standard			

**Comments/Recommendations:**

Vessel meets or exceeds all standards – see reasons above

Vessel does not meet all standards – see reasons above

Inspector(s) Signature \_\_\_\_\_