

Notice of Change to Controlled Documents #349-351/ 27 Dec 2017



Summary of Changes

Revisions managed by: Shannon Smith

Purpose: [349-351] Policy issues that came back as high priority on the Remedial Work Plan (RWP) for Kosmos audit of the PRT. Must be addressed before vessel will be accepted.

NOC#	Ch., Sec., SOP	Summary	Revision#
349	Bunkering form	JSA added to bunkering form (Kosmos RWP item 17-8001)	Dec 2017
350	SOP-GEN-007G	Category 1 and 2 spaces are both implied as requiring chemist cert to enter at dockside—that should only say Cat 1. Cat 2 crew uses oxygen tester (Kosmos RWP item 17-8009)	16
351	SOP-GEN-011B	TDI defines what we consider high voltage and what precautions we take. (Kosmos RWP item 17-8021)	2

<p><u>Date Completed</u></p> <p>_____ SMM TOC page updated</p> <p>_____ NOC web page updated</p> <p>_____ SMM- each section updated</p> <p>_____ NOC sent to fleet</p>	<p><u>Date Completed</u></p> <p>_____ NOC pdf posted on CM</p> <p>_____ Vessel acks recorded</p> <p>_____ Office controlled SMM updated</p> <p>_____ Update any postings on Forms pg</p>
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Approvals	Approvals
<p>James Howell, HSE Manager:</p>  <p>Date: _____ 27 Dec 2017 _____ (Spell month--Ex: 28-DEC-2017)</p>	<p>Pete Tatro, DPA:</p>  <p>Date: _____ 27 Dec 2017 _____ (Spell month--Ex: 28-DEC-2017)</p>
Approvals	
<p>Charlie Emerson, Port Engineer- approval by email 12/21/17 for SOP-GEN-011B Electrical Safety.</p>	

**NOC # 349
Bunkering Form**

Revision #	Section(s)
Revision Dec 2017	See attached new Bunkering Form with JSA section 1b added.

**NOC # 350
SOP-GEN-007G Confined Space Entry**

Revision #	Section(s)
Revision #17	<p>3.0 Confined and Enclosed Space Hazards</p> <p>Once an area has been identified as a confined or enclosed space, then the potential hazards associated with that space must be identified. These spaces may present one or more of the following hazards: oxygen deficient atmospheres, flammable atmospheres, toxic atmospheres and mechanical/physical hazards.</p> <p>For this reason, any person entering a confined/ enclosed space must be trained in recognizing these hazards. Personnel entering a confined/enclosed must have completed both the Confined Space Training course on the Computer Based Training and the TDI-Brooks Confined Space Entry and rescue training packet.</p> <p>...</p> <p>4.1 Confined and Enclosed Spaces</p> <p>...</p> <p>Category 2 confined/enclosed spaces may be entered at sea with an appropriate permit, atmospheric oxygen testing and forced air ventilation (see section 5.3 of this SOP).</p> <p style="text-align: center;">5.1 Entry Procedure at Dockside (Not operational)</p> <p>Before anyone may enter a permit-required Category 1 confined space on a TDI-Brooks vessel at a shipyard or dockside at a repair facility, the appropriate regulations of 29 CFR 1915 will apply. That is, the space must be tested, certified, and posted safe for entry by a Marine Chemist or the shipyard's authorized person. Then, entry by TDI-Brooks personnel will follow the requirements for Permit entry (CSE permit with integrated JSA, trained and certified supervisor, entrants and attendant).</p> <p>Permit Required confined spaces include a risk analysis as a JSA</p>

integrated into the permit. The Confined Space Permit template, with instructions, can be found on the ~~TDI Ships Pages~~ under **TDI Forms page**. The confined space permit must be approved and signed by both Chief Engineer and the Bridge Officer. ~~or if neither are present~~ **In the absence of one or both of those officers**, the Port Engineer may approve and sign the permit.

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5.2.2 Regular Permit Required Entry Procedure (Category 2 Spaces)

Operational considerations require that we may occasionally enter Category 2 confined or enclosed spaces while at sea.

To enter these spaces, a **confined space permit with integrated JSA is required, as well as atmospheric O2 testing both prior and during the confined space entry**. All personnel involved in the confined space entry must participate in the development and review of the JSA for the permit, and sign off on it. Personnel required for a regular permit confined space entry include:

1. **Supervisor**- a responsible person (trained in confined space entry and rescue) must supervise the entry and maintain communications with the bridge.
2. **Entrant**- must be trained in confined space entry and rescue, **wear a harness with lifeline attached to him/her** and , **a personal oxygen monitor** and wear appropriate ppe to enter the space.
3. **Attendant/ line tender**- must remain outside the confined space to monitor the entrant **and** have agreed on some means of communication with the entrant; ~~and monitor the O2 level before and during the entry.~~

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6.0 Required Training

All persons participating in confined space entry/ rescue and in the required monthly drills must have completed the computer based training course "Confined Space Entry" as a general familiarization of the hazards of confined space.

In addition, they must have completed the **TDI Core Safety Confined Space training**. ~~received the TDI Brooks confined space training course.~~ This training is based on the more stringent OSHA requirements for Confined Space **and focuses on TDI specific policies and procedures**, ~~will be given by a TDI Brooks Supervisor authorized to train and~~

	<p>certificates will be maintained on the crowing module.</p> <p>7.0 Monthly Drills</p> <p>Monthly confined space drills will include all the content prescribed in SOLAS Regulation III/19 (stated below). Drills will rotate to include all the actual types and categories of confined spaces on the vessel. For categories 2 & 3, atmospheric testing as required and rescue from the space will be performed.</p>
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... Indicates unchanged material has been skipped for the sake of brevity.

NOC # 351
SOP-GEN-011B Electrical Safety Program

Revision #	Section(s)
Revision #2	<p>4.0 Precautions</p> <p>In order to prevent injury, there are certain precautions that must be followed when working around energized or de-energized equipment.</p> <p>When planning to perform maintenance on any powered equipment, you must first complete a special permit for energy isolation and have it signed by the Chief Engineer or Port Engineer. The specific instructions for completing an energy isolation permit can be found in SOP-GEN-007I.</p> <p style="color: red;">All electrical panels and other devices that could expose the worker to electrical shock shall have rubber mats covering the area where a worker would stand while servicing these items.</p> <p>5.0 High Voltage</p> <p style="color: red;">TDI defines "High Voltage" as anything 220 volts or above.</p>