



12. Are there international best practices (ship-source or other) that should be considered when creating a national HNS incident preparedness and response regime?

The following are a list of those plans that ITOPF is aware of and that may be of use to Transport Canada when conducting a review of international HNS spill response plans. Wherever possible links to freely available copies have been provided.

RESPONSE PLANS

- a) HELCOM Manual on Co-operation in Response to Marine Pollution within the framework of the Convention on the Protection of the Marine Environment of the Baltic Sea Area (Helsinki Convention), Volume 2, 1st December, 2002. Response to accidents at sea involving spills of hazardous substances and loss of packaged dangerous goods.
<http://helcom.fi/Documents/Action%20areas/Monitoring%20and%20assessment/Manuals%20and%20Guidelines/Response%20Manual%20Vol%202.pdf>
- b) European Maritime Safety Agency (EMSA). Action plan for HNS pollution preparedness and response, 2007.
http://www.google.co.uk/url?sa=t&rct=j&q=&esrc=s&frm=1&source=web&cd=10&ved=0CG8QFjAJ&url=http%3A%2F%2Fwww.emsa.europa.eu%2Ftags%2Fdownload%2F456%2F260%2F23.html&ei=zSY5U6TtOYbR7AbkhIBQ&usq=AFQjCNF556wPbjJR5Q-D_Pwtww_5CT7v-w&sig2=14fd0S4uwNtA-486qeuHxg
- c) National Marine Chemical Spill Response Plan (ChemPlan). Australia, 2010.
<http://www.amsa.gov.au/environment/maritime-environmental-emergencies/national-plan/Contingency/Chemplan/documents/Chemplan.pdf>
- d) REMPEC practical guide for marine chemical spills, 2003.
<http://www.rempec.org/admin/store/wywigimg/file/Information%20resources/Guidelines/RIS%20D%2011%20-%20Chemical%20Guide%20with%20diagram.pdf>
- e) NOPAP regional oil and HNS plan.
http://dinrac.nowpap.org/documents/NOWPAP_MERRAC_Oil&HNS_Contingency_Plan.pdf
- f) OECD guiding principles for Chemical accident, preparedness and response, 2003.
<http://www.oecd.org/env/ehs/chemical-accidents/Guiding-principles-chemical-accident.pdf>
- g) There are also many national oil spill contingency plans that include HNS, but the detail in most of these is considered insufficient for Transport Canada's requirements.

RISK ASSESSMENTS

- a) UK HNS Risk assessment, 2009. http://www.dft.gov.uk/mca/master_final_report_03-07-11.pdf
- b) Australia HNS Risk assessment, 2011. https://www.amsa.gov.au/forms-and-publications/environment/publications/Other-Reports/documents/DNV_Final_Report.pdf
- c) CEDRE HASREP Technical reports.
- d) New Zealand risk assessment for sea carriage of hazardous and noxious substances.
- e) ARCOPOL Risk prioritisation methodologies for HNS.
http://www.arcopol.eu/arcopol/archivos/documentacion/16/Activity_3.1_Report.pdf