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OBJECTIVES

- ✕ Enhance marine environment protection in the Straits;
- ✕ Enhancing the preparedness and response any ship based hazardous and noxious substances incident;

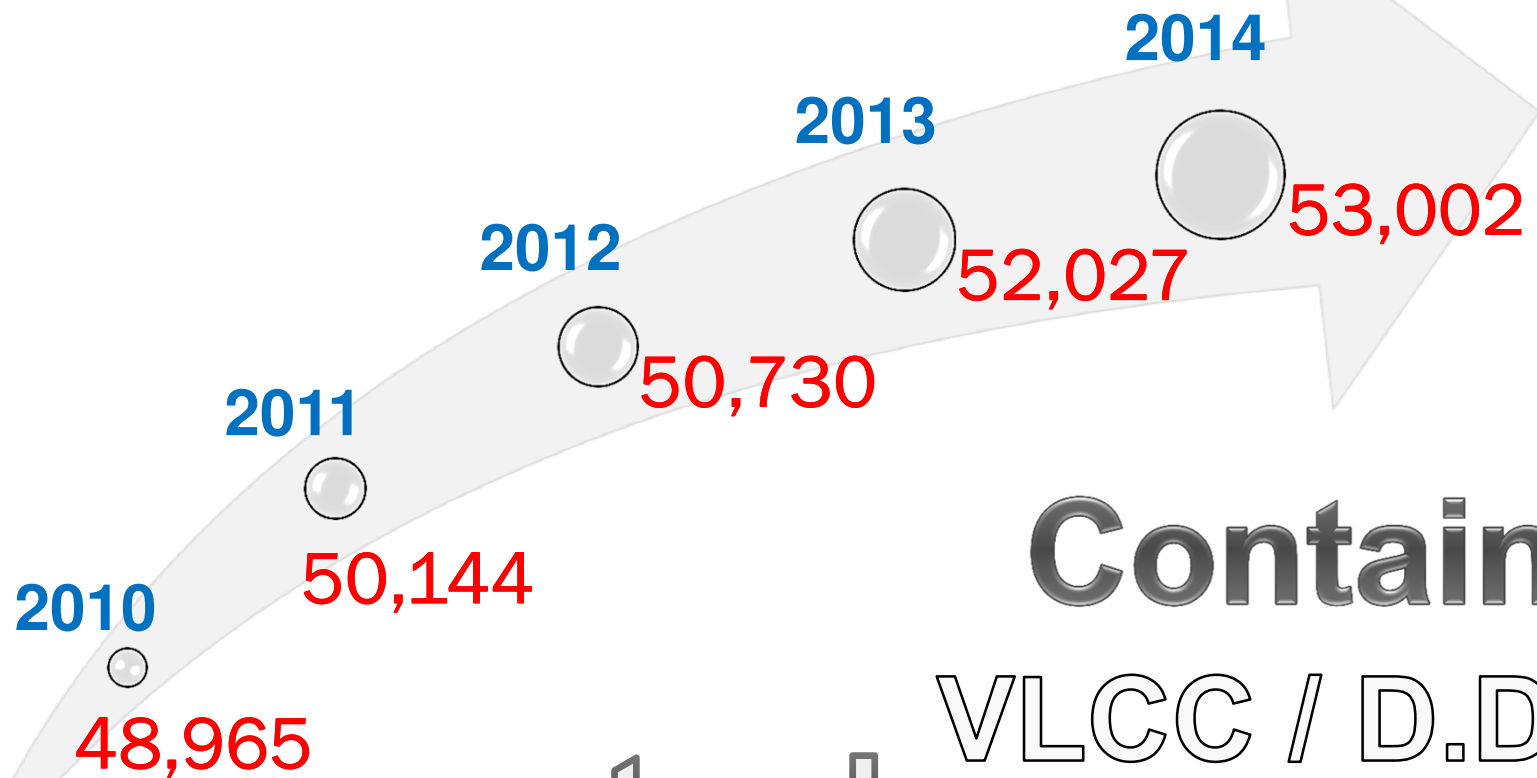


CURRENT STATUS

- ✦ Variety products carried on board ships transiting the Straits;
- ✦ Dangerous cargoes such as oil, gas and chemical products;



CURRENT STATUS



Container
VLCC / D.D.V
tanker
LNG & LPG

PROJECT SCOPE



**HNS Database and
Risk Assessment
Model**



**SOP for Joint HNS
Spill Combat**

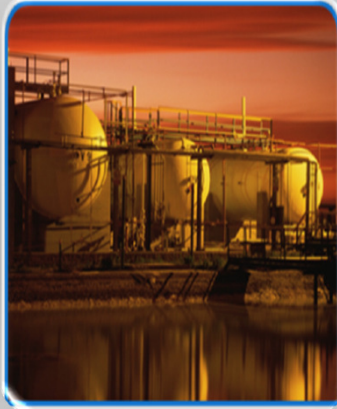


**HNS Response
Centre**

Training
Knowledge
useful abilities.
backbone of co
quired for a tr

Capacity Building

PROJECT CHRONOLOGY



HNS Database and Risk Assessment Model

- 2007 – People's Republic of China & USA
- 2008 – APASA, AMSA & Australia
- 2010 – EU (Malacca HAZMAT)
- 2015 – IMO Straits Trust Fund (Subscription)



SOP for Joint HNS Spill Combat

- 2009 – USCG;
- 2014 – IMO Straits Trust Fund;

PROJECT CHRONOLOGY



HNS Response Centre

- Propose location – Indonesia (1), Malaysia (3), Singapore (1);
- 2008 – USA;
- 2014 – IMO Straits Trust Fund;



Capacity Building

- 2008 – USA;
- 2011 – People's Republic of China;
- 2013 – IMO Straits Trust Fund;
- 2014 – People's Republic of China;
- 2015 – IMO Straits Trust Fund;

PROJECT CHRONOLOGY

2006

- × Proposed at the KUALA LUMPUR Meeting 2006;

2007

- × Formally accepted by the three littoral States and supported by the user of the States and user Straits;
- × People's Republic of China and USA conducted a need assessment study;

PROJECT CHRONOLOGY

2008

- × Elementary HNS spill risk assessment conducted out by Asia Pacific ASA (APASA);
- × In-kind contribution from AMSA and supported by Govt of Australia;
- × In-kind contribution from USA;
- × USA has sponsored HNS training program to the littoral States at USCG Strike Team Pacific;
- × 20 to 23 October 2008;



PROJECT CHRONOLOGY



2009

- × In-kind contribution from USCG;
- × USCG representative delivered a sample of the SOP for HNS Spill Combat as guidance to the littoral States to formulate the SOP;

2010

- × Consultation with EU to contribute part of the HNS risk management tools procurement from APASA, Australia;



PROJECT CHRONOLOGY



- × Funding from EU with the assistance of IMO Straits Trust Fund;
- × USD 131,640.00;
- × Module of MALACCA-HAZMAT. Provides full supply, installation, commissioning and training of personnel in the use and operation;
- × Awareness Course on ToT on HNS Preparedness and Response, Yantai
- × 27 June – 2 July 2011;
- × In-kind contribution by People's Republic of China;



2011

PROJECT CHRONOLOGY

2012



- × HNS Common Database and Risk Assessment Model Workshop (MALACCA – HAZMAT);
- × 17 – 19 January 2012;
- × Funding from IMO Straits Trust Fund;

PROJECT CHRONOLOGY

2013
5013

- × Received contribution from IMO Straits Trust Fund of USD 50,000;
- × Program / Activities :-
 - × Workshop on HNS Convention 2010, MATRAIN;
 - × 6 – 8 November 2013;
 - × Cost approx USD 4,200.00;

PROJECT CHRONOLOGY

2014
5014



- × Program / Activities :-
 - × Workshop on Development of HNS Standard Operating Procedure & Modelling HNS Response Centre;
 - × 24 – 26 June 2014;
 - × Cost approx USD 14,400.00;
 - × IMO Straits Trust Fund;

- × OPRC HNS Workshop, Beijing;
- × 16 – 19 December 2014;
- × USD 50,000.00;
- × People's Republic of China;

PROJECT CHRONOLOGY

2015
2012

× Program / Activities :-

- × Maintenance of CHEMMAP / AIRMAP;
- × EDS annual subscription;
- × MILBROS Database;
- × Cost approx USD 25,800.00 :-
 - × IMO Straits Trust Fund – USD 13,900.00 ;
 - × Malaysia – USD 11,900.00;
- × Familiarisation Training on Malacca HAZMAT, MATRAIN;
- × 14 – 15 April 2015;
- × Cost approx USD 17,500.00;
- × IMO Straits Trust Fund;

CONCLUSION

- ✖ Deliverables :-

- ✖ Response mechanism (including resources and equipment) to a release of HNS in the Straits may jeopardize the safety of navigation, loss of life and property and marine environment;

- ✖ Challenges :-

- ✖ Ratification of the HNS Convention and Protocols by the littoral States;
- ✖ Insufficient funds and resources to implement the conventions, and insufficient equipment and response stockpile to carry out the plans effectively in an actual spill.

Thank you
Danke xie
Khawp khun
Jum
Mahalo
Isipdai
Spacibo
Arigato
Terima kasih

Australia

People's Republic of China

United States of America

AMSA

APASA

European Union

IMO/IMO Straits Trust Fund

USCG

The Littoral States