

Liability and Compensation For Ship-Source Pollution

Implementation of HNS Convention and its Protocol Role of IOPC Funds

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Operation of the HNS Fund

- Governed by an Assembly composed of all Member States
- Will operate in a similar way to the 1992 Fund
 - Assessment and payment of claims for compensation
 - Receive reports of contributing cargo
 - Levy contributions
 - Close cooperation with P&I Clubs, industry and governments



Secretariat of the HNS Fund

- HNS Fund will be administered by a Secretariat, headed by a Director
- Joint Secretariat with the IOPC Funds
 - Concept confirmed by IOPC Governing Bodies in October 2010
 - enable the HNS Fund to benefit from the experience of the IOPC Funds
 - reduce administrative costs for both the IOPC Funds and the HNS Fund



List of substances

Bulk

- i. Oils Regulation I Appendix I MARPOL 73/78
- ii. Liquids Regulation 1.10 Annex II MARPOL 73/78
- iii. Liquids Chapter 17 of IBC Code
- v. Gases Chapter 19 of IGC Code
- vi. Liquids flashpoint not exceeding 60°C
- vii. Solids IMSBC Code, if also covered by IMDG Code (1996) in packaged form

Packaged

- iv. IMDG Code



Solid Bulk Substances (Latest developments)



- IMO Diplomatic Conference – April 2010
 - Agreed the references for the HNS list
 - IMDG Code of 1996 (fixed)
 - IMSBC Code (dynamic)
- IMO LEG – November 2010
 - Agreed to disseminate lists/information through LEG
 - Indicative list that remains dynamic
 - Reviewed every two years
 - To be available on IMO and HNS Fund websites



What is the reporting requirement?

- Before the Convention enters into force
 - States must report to the Secretary-General of IMO total quantities of contributing cargo for each account and sector
- After the Convention has entered into force
 - States must report to the Director of the HNS Fund the contacts of each individual contributor in that State and quantities received in respect of each account and sector



HNS Convention Contributing Cargo Calculator (HNS CCCC)

- Development of the system
 - Original idea in HNS Correspondence Group – 2001
 - Proposal approved by 1992 Fund's Assembly – 2001
 - Working prototype with database of 100 chemicals – 2002
 - Final system including full database of ~6000 chemicals – 2004/2005



HNS Contributor Information

User Details Help Logout

Contributor A Listing - 2001

1998
1999
2000
2001

UN No.	Name		Tonnes		Account/Sector		
1090	Acetone		20000	B	Other HNS	EDIT	DELETE
1446	Barium Nitrate		500	B	Bulk solids	EDIT	DELETE
	Fuel oil no. 5		30000	B	Oil (persistent)	EDIT	DELETE
1011	Butane		5000	B	LPG	EDIT	DELETE
	Butane-propane mixtures		7500	B	LPG	EDIT	DELETE
	Kerosene		50000	B	Oil (non-persistent)	EDIT	DELETE
	Fuel oil no. 2		20000	B	Oil (non-persistent)	EDIT	DELETE
1972	Methane (LNG)		5000	B	LNG	EDIT	DELETE
2216	Fishmeal		1500	B	Bulk solids	EDIT	DELETE
	Roofers flux		10000	B	Oil (persistent)	EDIT	DELETE
	Aviation gasoline		20000	B	Oil (non-persistent)	EDIT	DELETE
	Coal		30000	B	Not HNS	EDIT	DELETE
	Sodium chloride		1500	P	Not HNS	EDIT	DELETE
1350	Sulphur		20000	B	Bulk solids	EDIT	DELETE
1978	Propane		5000	B	LPG	EDIT	DELETE
1075	Petroleum gases, liquefied		2000	P	Other HNS	EDIT	DELETE
0333	Fireworks		5	P	Other HNS	EDIT	DELETE
1005	Ammonia, anhydrous		30000	B	Other HNS	EDIT	DELETE

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NEW

Summary	Oil (persistent):	190000	LNG:	5000	Bulk solids:	22000	Not HNS:	31500
(tonnes)	Oil (non-persistent):	90000	LPG:	17500	Other HNS:	34005		

Print Submit Submission History

HNS Fund Listing

User Management Help Logout

Fund Listing - 2001 By State:

- 1998
- 1999
- 2000
- 2001

State	Persistent oil	Total (Tonnes)		LNG	LPG	Bulk Solids	Other HNS	Not HNS
		Non-persistent oil						
State A	440 000	0	50 000	20 000	22 000	34 005	131 500	
State B	0	0	0	0	0	0	0	
State C	10 000	20 000	30 000	40 000	50 000	60 000	70 000	
TOTAL	450 000	20 000	80 000	60 000	72 000	94 005	201 500	

2 new State Summaries have been posted.

[New Summaries](#) [Create State Summary](#) [Print](#)



Reporting contributing cargo

- Correct reporting of contributing cargo is essential to successful implementation of the HNS Convention
 - HNS CCC to be back online in 2011
- Requires effort by potential contributors and States
- Some challenges but not impossible!



Technical Cooperation and assistance

- International cooperation programme
 - Resolution 2 of the 2010 HNS Protocol
 - IMO to set up funding capability to assist States for implementation
 - Linked with the support to the OPRC-HNS Protocol on preparedness and response to HNS spills
 - Technical expertise available
 - From IMO and IOPC Funds
 - Network of experts





It is real!

- No worldwide statistics available, but:
 - 109 significant shipping incidents involving HNS recorded and analysed worldwide
 - 106 incidents/near misses in the Mediterranean Sea (1988-2007)
 - 423 spills from ships or port installations in the US over 5 years (1992-1996)

(Source: IMO 4th R&D Forum on HNS, 2009)



Information available on HNS

- Guide to the Implementation of the HNS Convention
- HNS Brochure (Revised in April 2010)
- HNS Convention website / IOPC Funds

www.hnsconvention.org

www.iopcfund.org

