



SHIP-SOURCED SPILLS - IT'S NOT JUST ABOUT OIL



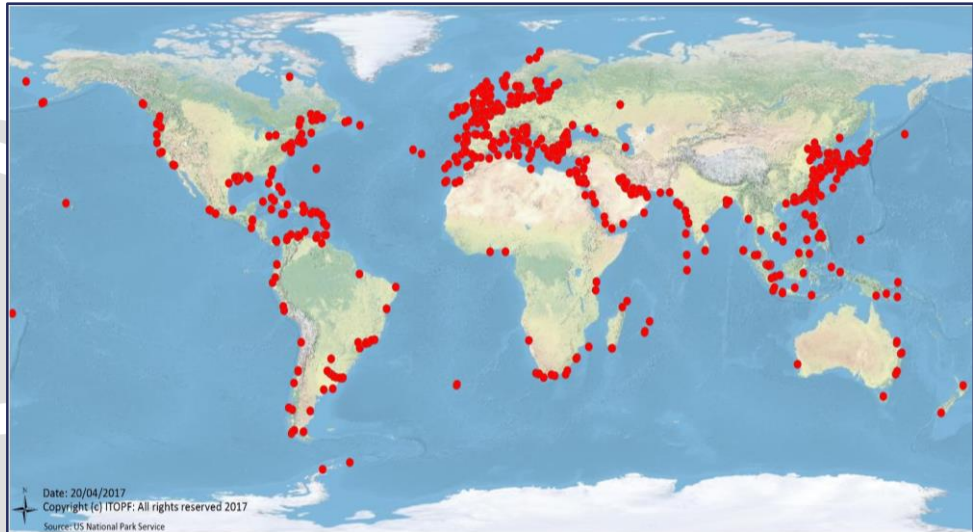
Prologue: "Who You Gonna' Call.....?"

Richard H. Johnson
Technical Director





Funded by Global Shipping Industry

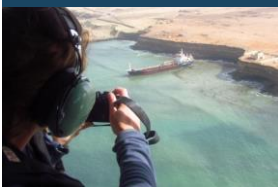


To Promote Effective Response to Ship-Source Spills



Five Key Services

SPILL RESPONSE



IMPACT ASSESSMENT & CLAIMS ANALYSIS



CONTINGENCY PLANNING & ADVISORY



TRAINING & EDUCATION

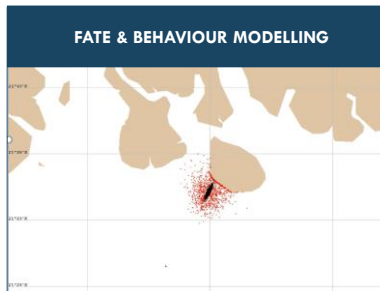


INFORMATION SERVICES

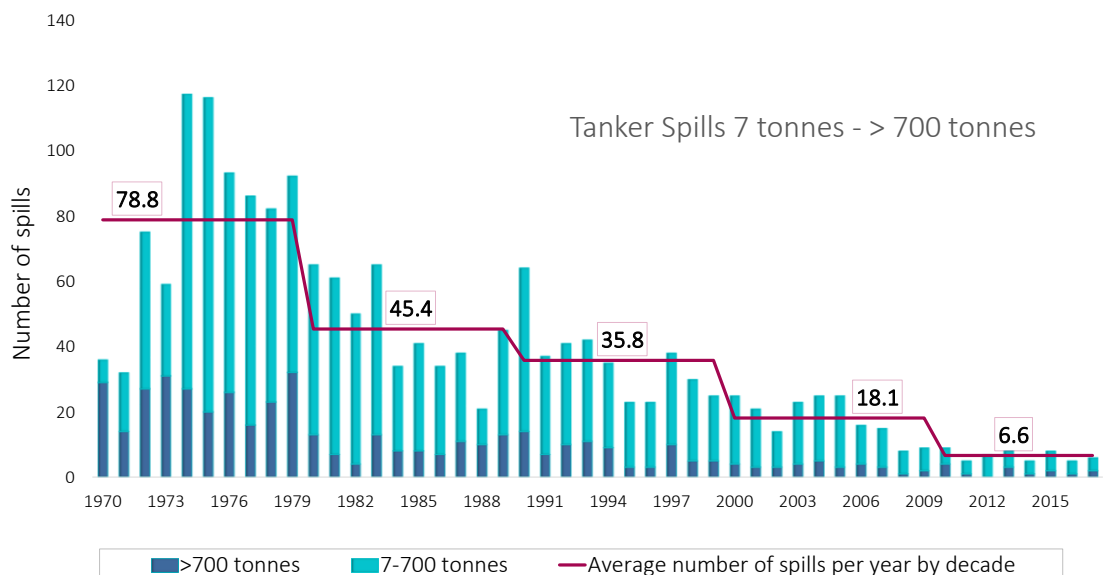




Spill Response – Jobs On Site

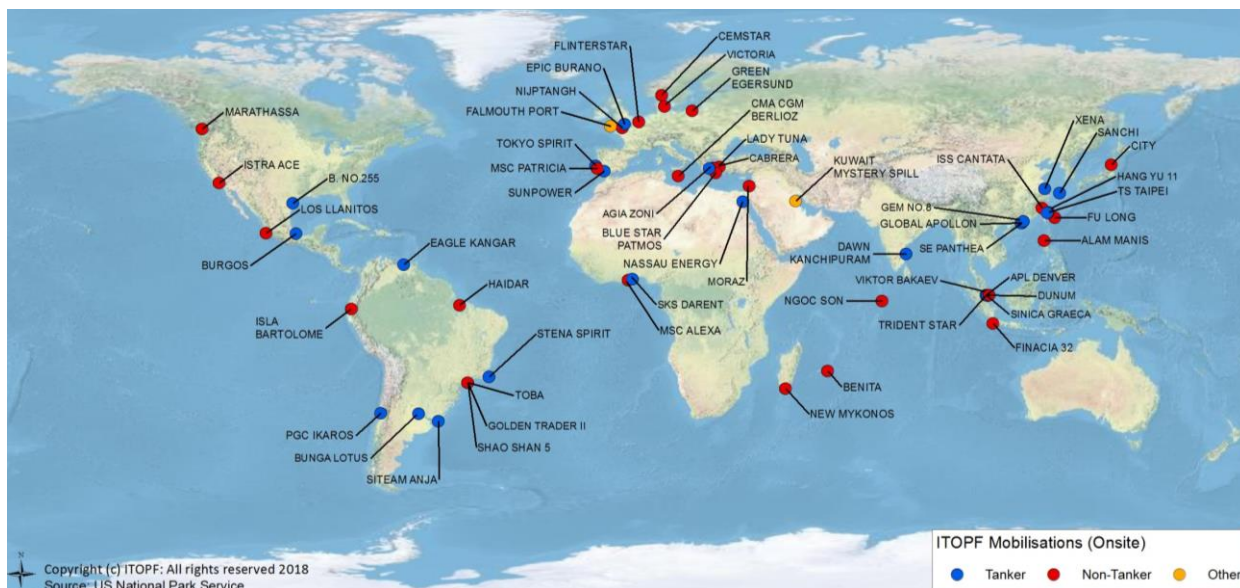


Trends – Tanker Spills





ITOPF Attended Spills [March 2015 – 2018]



56 mobilisations

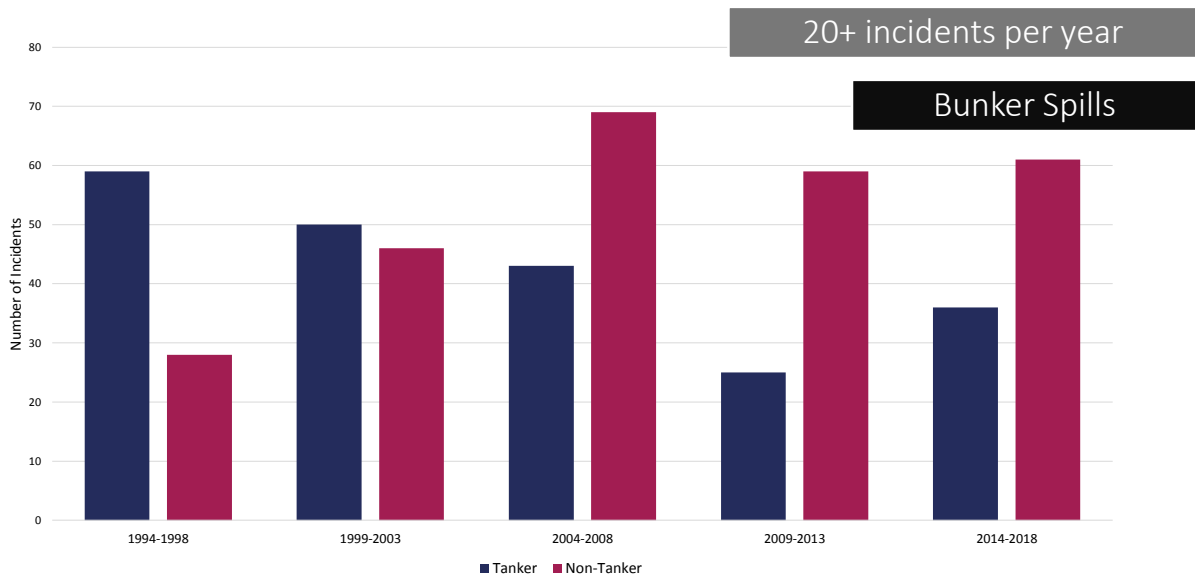


ITOPF Attended Spills [Oct. 2017 – Sept. 2018]





Tanker versus Non-Tanker Spill Attendance (25 Years)



ITOPF Spill Attendance

	Incident Date	Name of ship	Location	Nature of Incident	GT	Product Spilt	Product Vol.
1	10 Sept 17	MSC SUSANNA	Durban, South Africa	Lost containers	117,095	"Nurdles"	49.5 MT
2	20 Oct 17	B. NO.255*	Corpus Christi, Texas, USA	Fire/Explosion	26,040	Crude	320 m³
3	05 Nov 17	GOLDEN TRADER II	Port Santos, Brazil	Other	79,516	?	1-2 m³
4	19 Dec 17	EPIC BURANO*	Isle of Wight, UK	Equipment failure	7,155	IFO 380	0.2 MT
5	06 Jan 18	SANCHI*	Off Shanghai, China	Collision & Explosion	164,154	Condensate IFO380	111,388 MT
6	24 Jan 18	STENA SPIRIT*	Off Campos, Brazil	Other	151,294	Crude	1-6 m³
7	03 Feb 18	HANG YU 11*	Off Taipei, Taiwan	Grounding		Lubricant	Unknown
8	18 Feb 18	SKS DARENT*	Off Port of Lomé, Togo	Equipment failure	119,456	HSFO	Unknown
9	04 Mar 18	MORAZ	Port of Haifa, Israel	Operational	9,444	HFO	<10 MT
10	30 Mar 18	EVER JUDGER	Balikpapan Bay, Borneo, Indonesia	Pipeline spill	82,000	Crude	Unknown
11	12 Apr 18	PAC ANTARES	Mississippi River, New Orleans, USA	Allision	27,659	HFO	7.5 m³
12	23 Apr 18	IVER EXPORTER*	Mississippi River, New Orleans, USA	Operational	45,683	IFO 380	5.3 m³
13	13 Jun 18	SSL KOLKATA	Off Kolkata, India	Fire & Grounding	13,814	IFO 380	Unknown
14	22 Jun 18	FIDELITY	Raša Port, Istria, Croatia	Spill during bunkering	5,579	HFO	≈15MT
15	23 Jun 18	BOW JUBAIL*	Botlek, Rotterdam, Netherlands	Allision	37,449	RMG 380	217 MT
16	23 Jul 18	MAKASSAR HIGHWAY	Tjuts Archipelago, SE Sweden	Grounding	6,890	LSFO	~15 m³
17	29 Jul 18	MARINE POWER 3022	Banda Aceh, Indonesia	Grounding		Coal	7,200 MT
18	22 Sep 18	APL LOS ANGELES	Fuzhou, P.R. China	Grounding	55,387	HFO	Unknown

8

 Tankers

10

 Non-tankers



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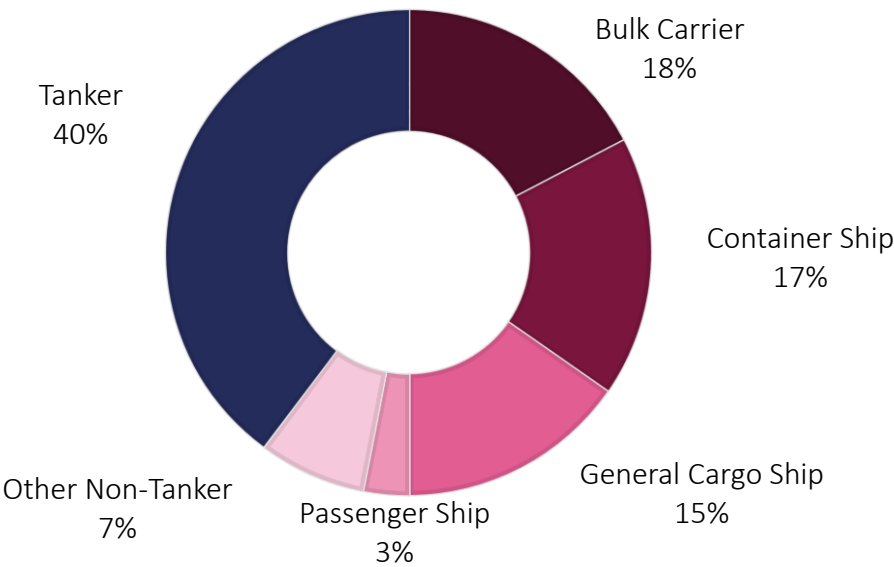
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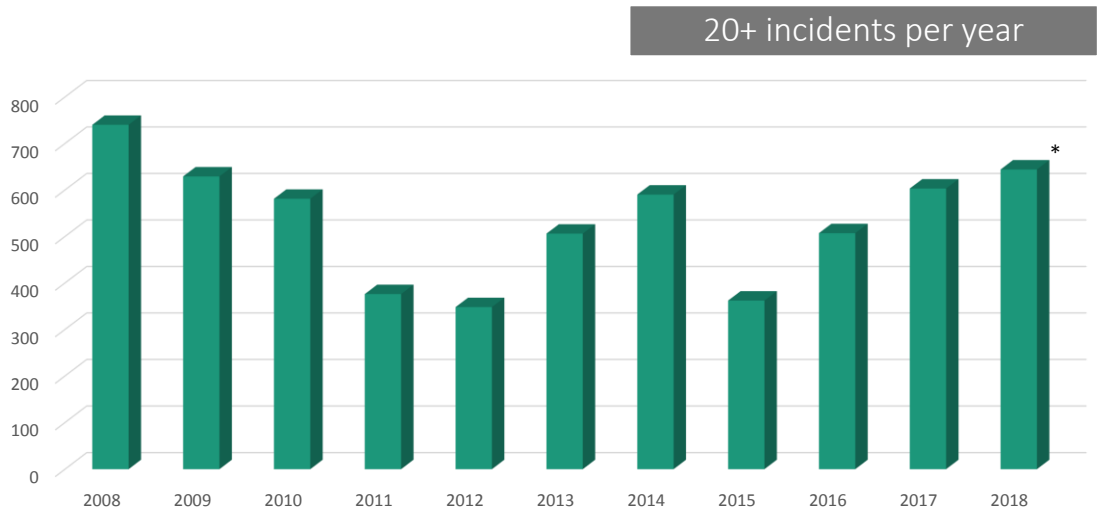
10 Non-tankers



Breakdown of Vessel Type (2011-2018)



ITOPF Spill-Days (10 Years)



(* 2018 is an incomplete dataset. Nine months only)



Advice Given on Oil Spills, HNS & Other Substances

