



Ships that go bump in the night!

Dr Karen Purnell, Managing Director



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Learning Objectives



The Insurance
Institute of London
Chartered Insurance Institute

By the end of this lecture members would have gained an insight into:

- Geographical 'hot spots' for oil spills;
- Awareness of variation in ratification and application of IMO preparedness and compensation Conventions;
- Challenges on the horizon.

Lecture Content:

1. Background on ITOPF
2. Spill statistics
3. Multi-jurisdictional Incidents
 - i) Preparedness & Response
 - ii) Compensation
4. Summary & Challenges ahead

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"A Not-for-Profit Service Funded by P&I Insurers for Shipowners"



➤ ITOPF MEMBERS:

- 7,900 tanker owners and bareboat charterers;
- 13,574 tankers, barges, OBOs, FSUs and FPSOs (429 million GT)
- 97% of world ocean-going tanker fleet

➤ ITOPF ASSOCIATES:

- Owners of other types of ship, since 1999 (813 million GT)
- > 90% of world fleet

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ITOPF Board of Directors




Stena Bulk (Erik Hånell - Chairman)

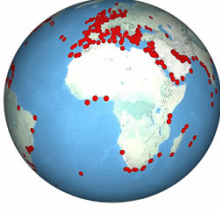
Bahri
J X Ocean Company Ltd
Transpetro
Teekay Shipping
Thomas Miller (UK P&I Club)
BW Maritime Pte Ltd
ExxonMobil SeaRiver Maritime Inc
Gard/Skuld P&I
Chevron Shipping Company LLC
F Laeisz GmbH
Euronav
COSCO, China Shipping Tanker Company

NYK Line
Sovcomflot, Unicom Management
Shell International Trading & Shipping
Keystone Shipping Corporation
Stolt Tankers B.V.
West of England P&I / PSC Chairman (IGP&I)
BP Shipping Ltd
Maersk Tankers
Tsakos Shipping
Japan P&I
Seven Islands Shipping

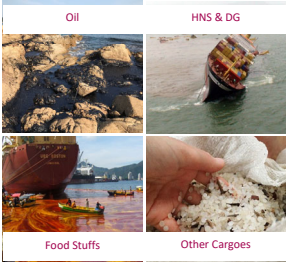
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ITOPF's Work



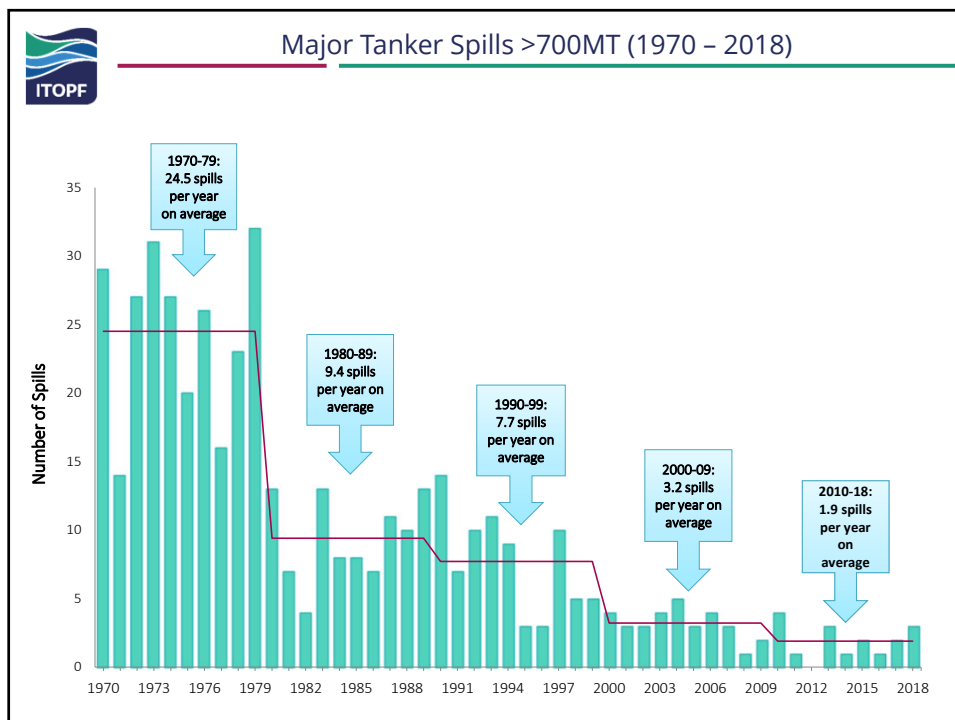
- Non-profit making organisation
- Role: on-site spill response advice
- Available 24 hrs a day, 365 days a year
- Attendance at 15–25 incidents/year
- Total of ~800 spills in 100 countries



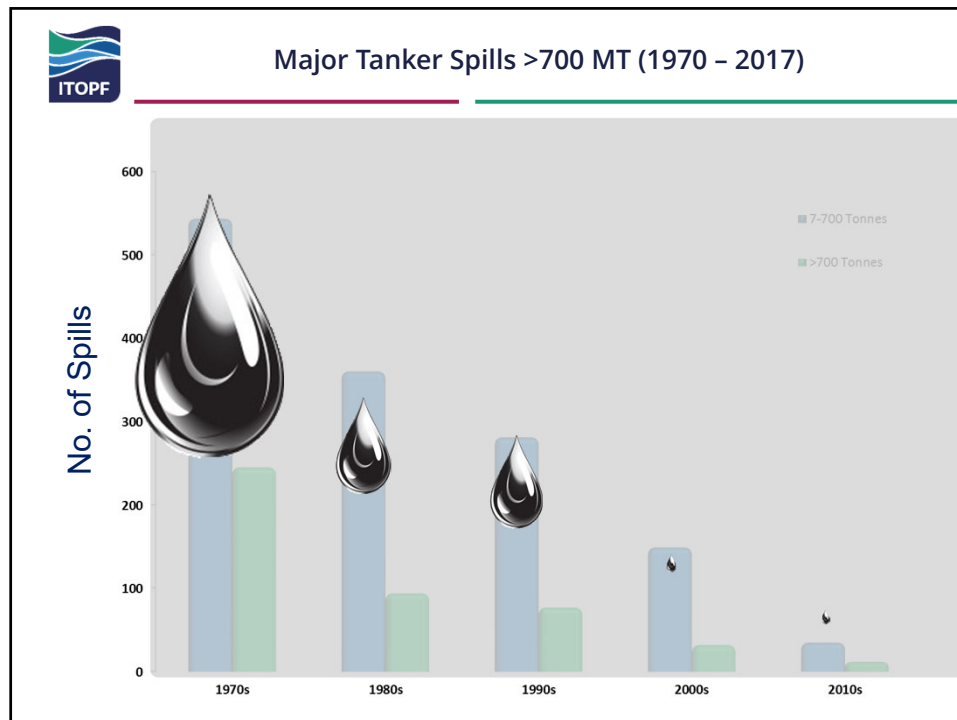


- Technical Team with 15 responders
- Scientific or technical background
- Based in London but we operate globally

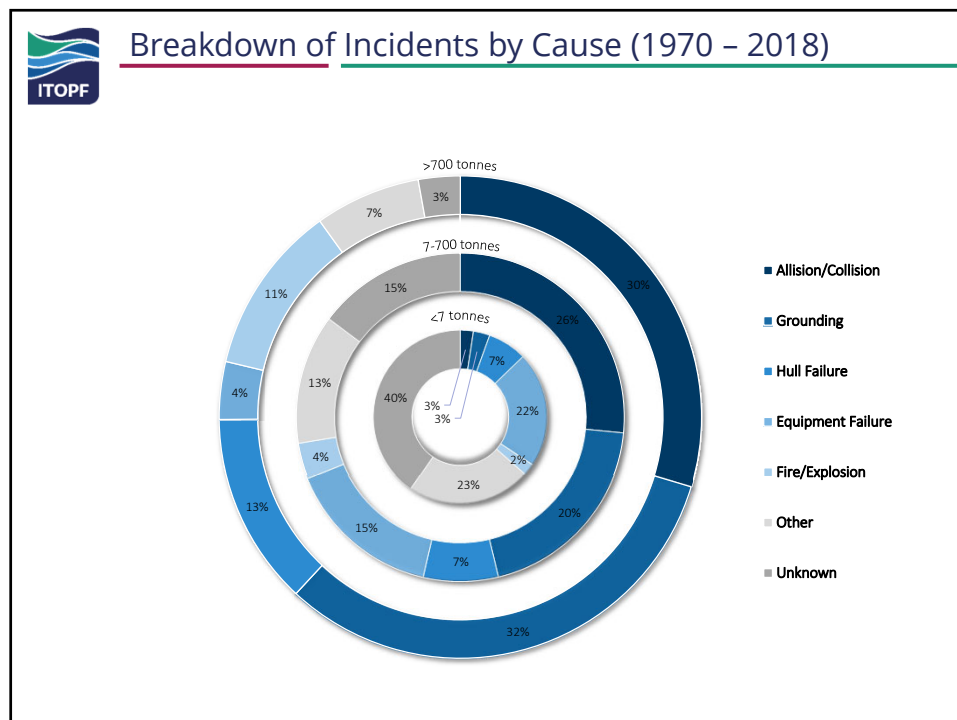
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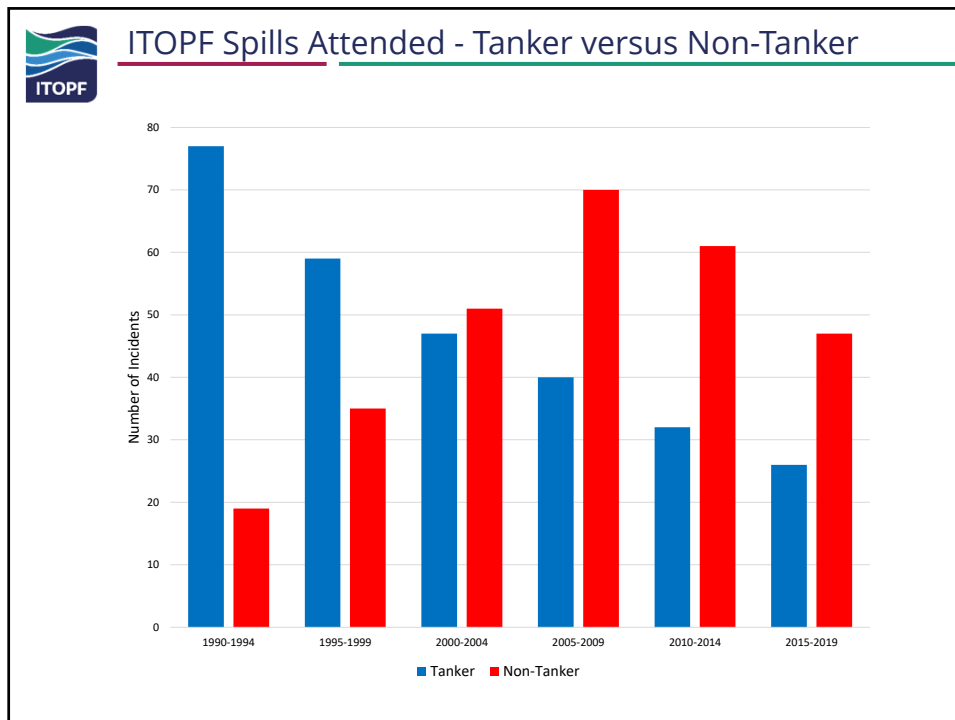
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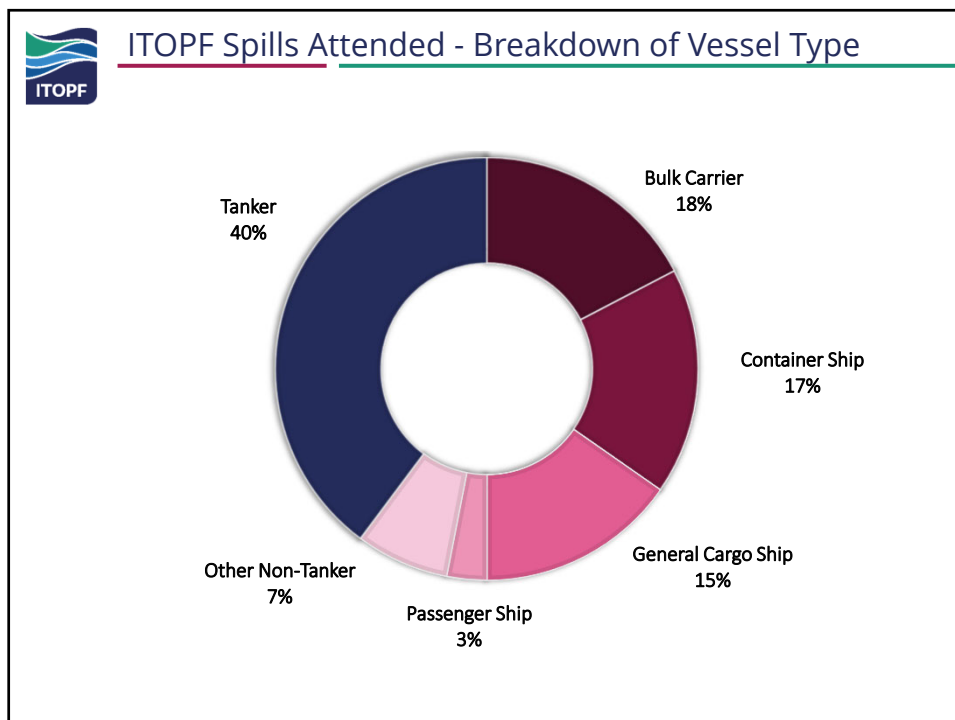
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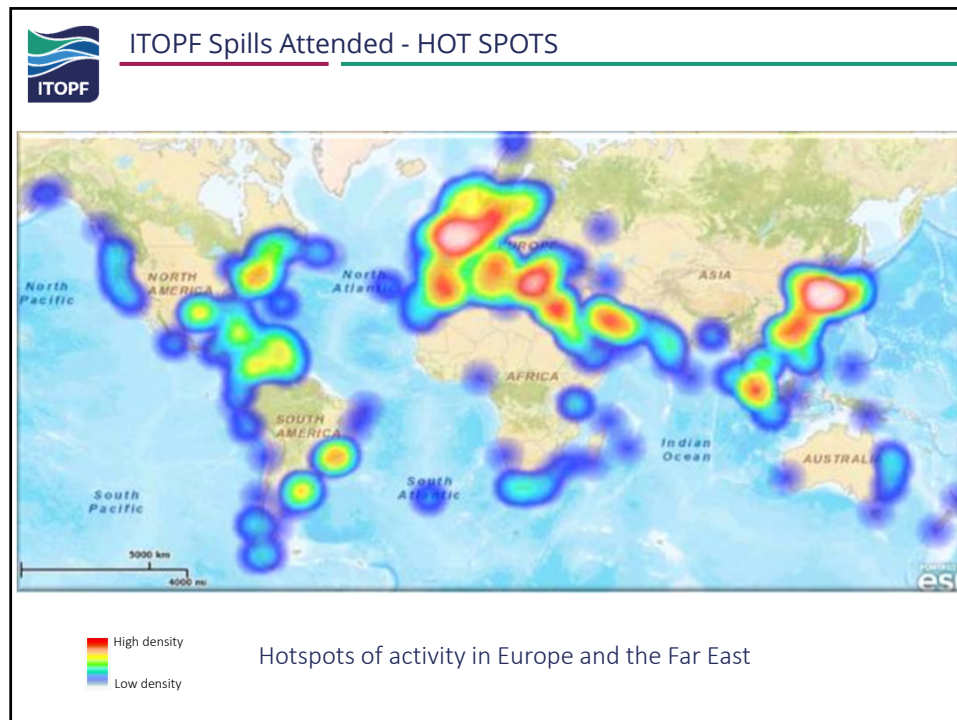
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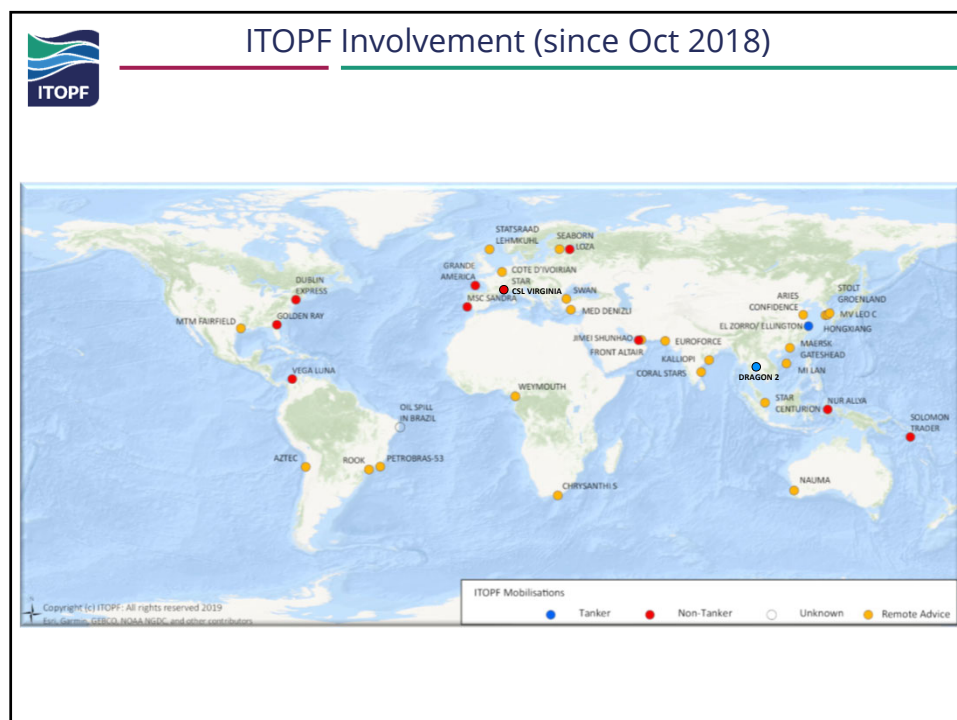
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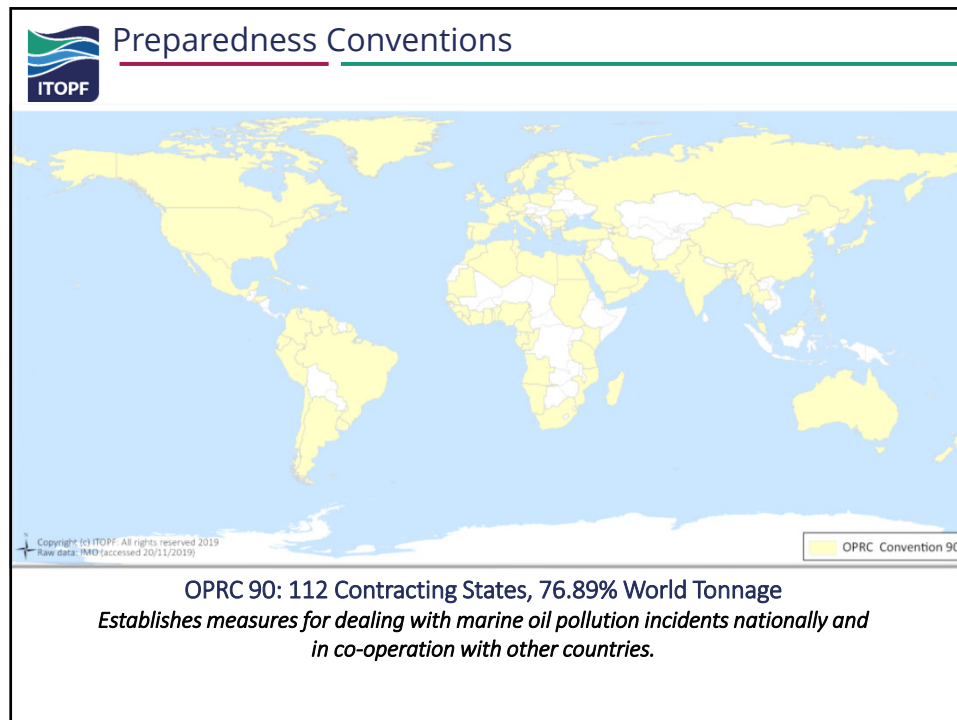
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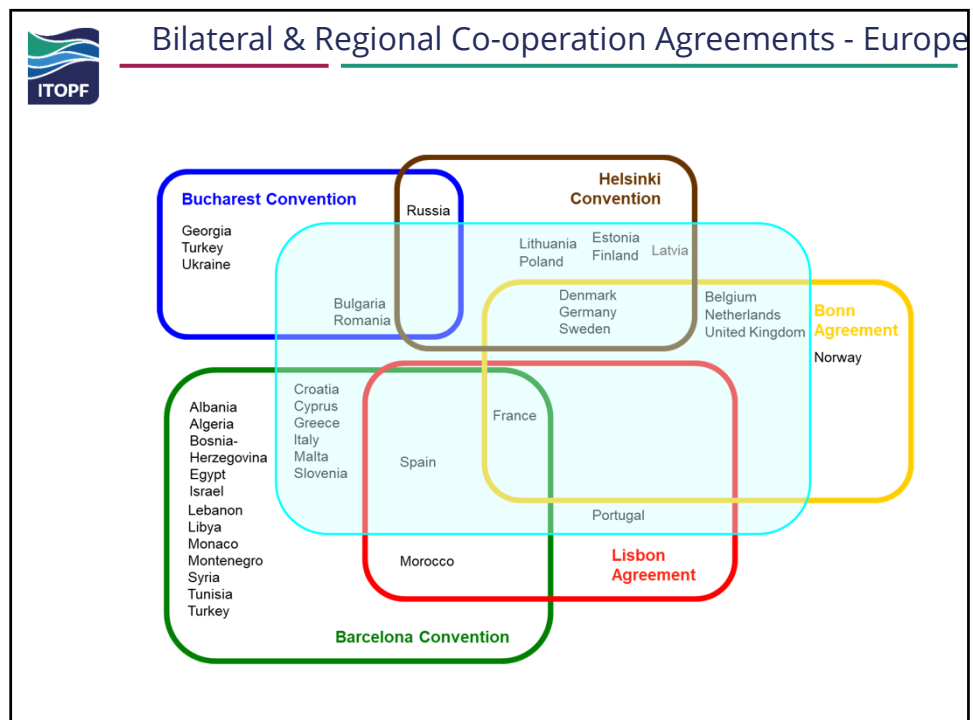
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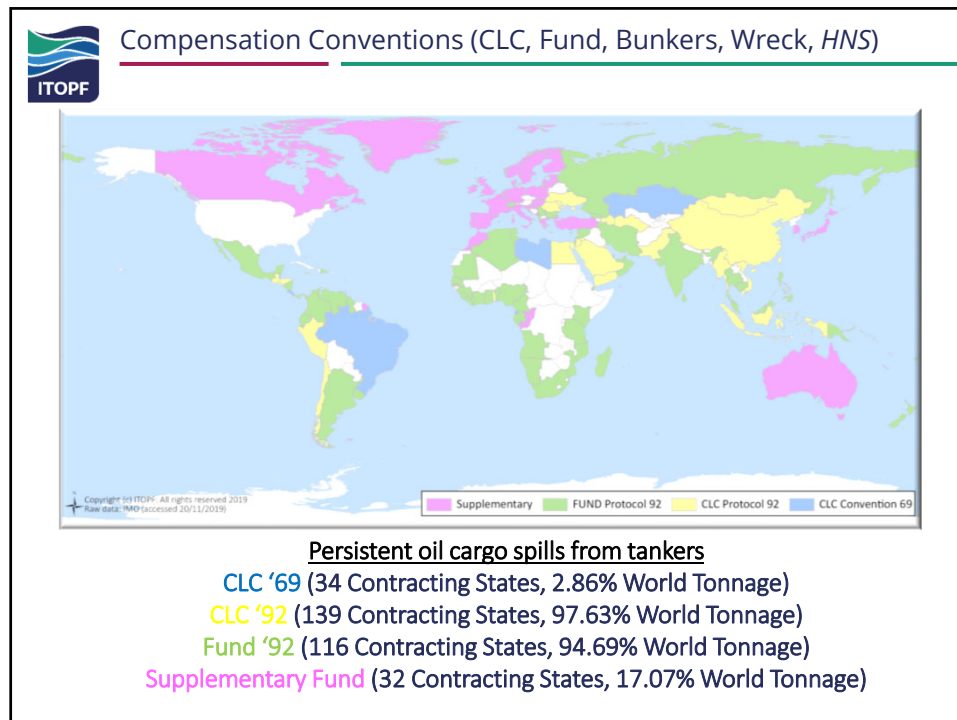
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 **UK versus FRANCE approach**

UK





FRANCE

SAME INCIDENT – DIFFERENT RESPONSE




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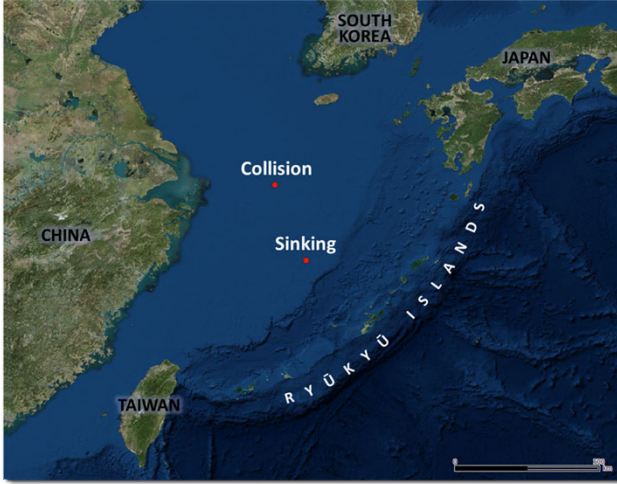

 **MT SANCHI – 6th January 2018, East China Sea**



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 MT SANCHI – 6th January 2018, East China Sea

- EN ROUTE – IRAN TO SOUTH KOREA
- CARGO – 111,388 MT CONDENSATE
- 1,900 MT IFO 380
- COLLISION WITH CF CRYSTAL
- ROUGHLY 160 NM OFF SHANGHAI
- BREACH OF CARGO TANK & EXPLOSION

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 MT SANCHI – 6th January 2018, East China Sea

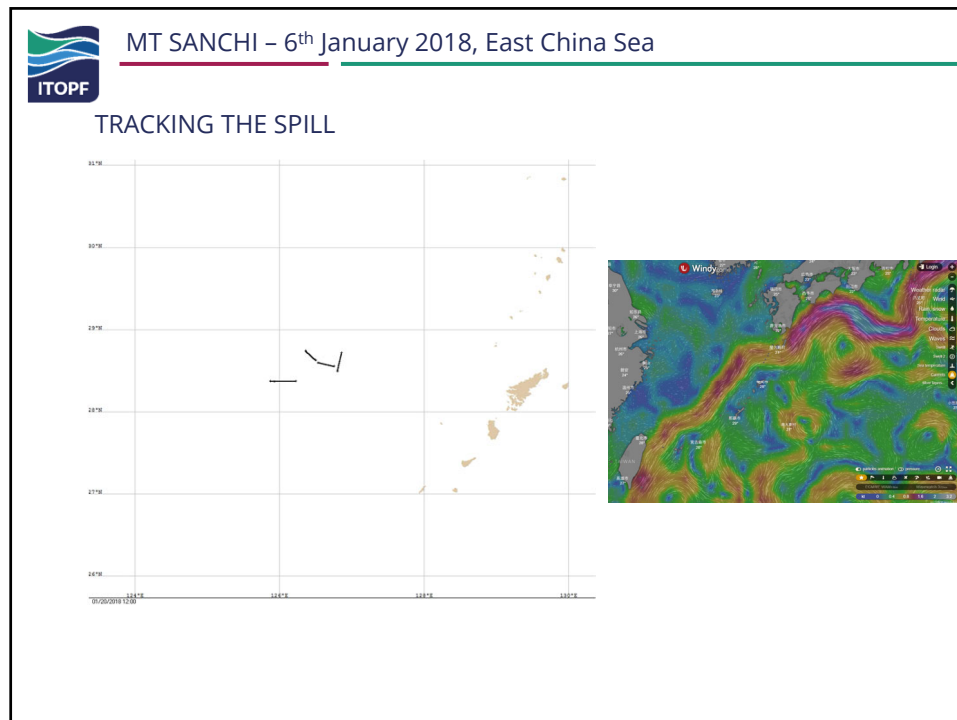
RESPONSE



- RESPONSE LED BY CHINA (MOT, MSA, CRS)
- INITIAL FOCUS ON SAR FOR CREW AND FIRE FIGHTING
- PATROL VESSELS ON SITE FOR ALL THREE COUNTRIES
- SHANGHAI SALVAGE AND NIPPON SALVAGE ON SITE
- AERIAL SURVEILLANCE: SOA, JCG AND KCG
- EXCLUSION ZONE IN PLACE AROUND CASUALTY



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MT SANCHI – 6th January 2018, East China Sea

CLEAN-UP



- LED BY JCG & LOCAL AUTHORITIES
- P&I CLUB-APPOINTED CONTRACTORS
- ITOPF – SURVEYS, CLEAN-UP PLANS, REPORTING
- CLEAN-UP WELL-ORGANISED, MOSTLY EFFICIENT
- OPERATIONS CONTINUED UNTIL JUNE



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MT SANCHI – 6th January 2018, East China Sea

KEY ISSUES

A Nearly Invisible Oil Spill Threatens Some of Asia's Richest Fisheries



Huge Oil Spill Spreads in East China Sea, Stirring Environmental Fears



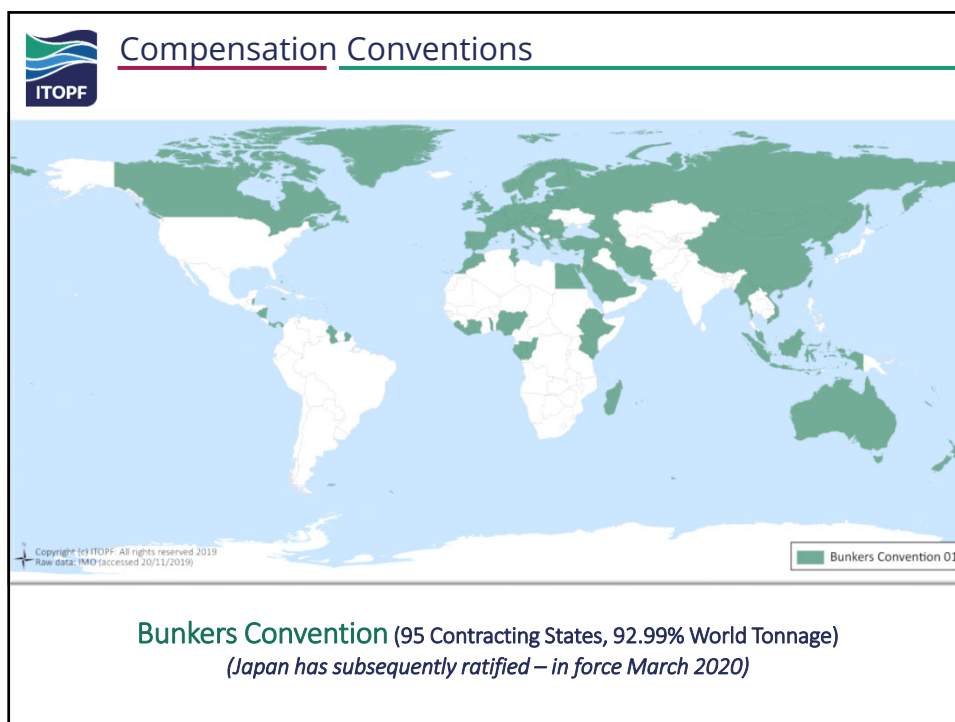
- MEDIA REPORTS – EXAGGERATED IMPACTS
- LOCATION – FAR OFFSHORE, TRANSBOUNDARY
- POLITICS – INFLUENCE OF CENTRAL GOVERNMENT
- FOCUS – ON CONDENSATE, BUT ACTUALLY HFO SPILL

ENVIRONMENT

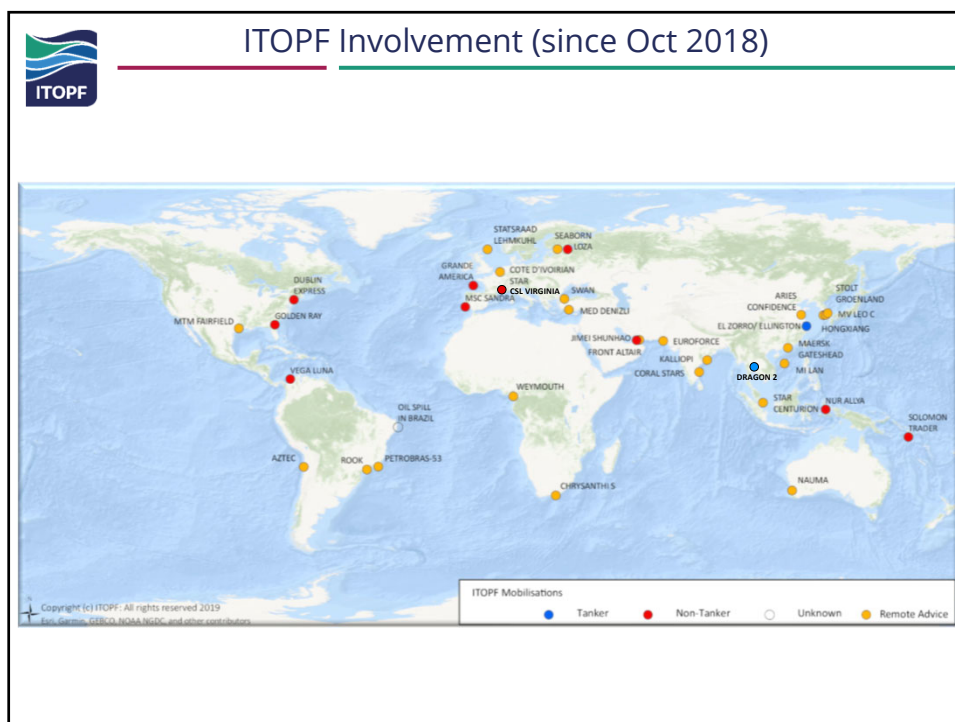
One of the Worst Oil Spills in History Is Getting Worse

And there's little chance that it will be cleaned up.

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CSL VIRGINIA – Collision, North Corsica, 7th Oct. 2018

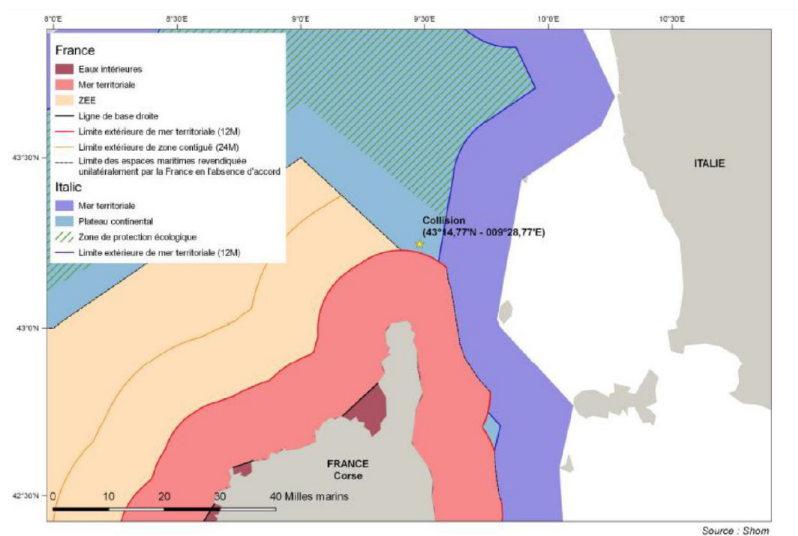
- Collision - CSL VIRGINIA and ULYSSE on 7th Oct. 2018
- CSL VIRGINIA was at anchor 15 NM off northern Corsica
- Passenger ferry lodged at 90° amidship CSL VIRGINIA after colliding at 19 knots
- Bunker tank # 3 breached
- 550 MT of bunker fuel (IFO 380) lost at sea



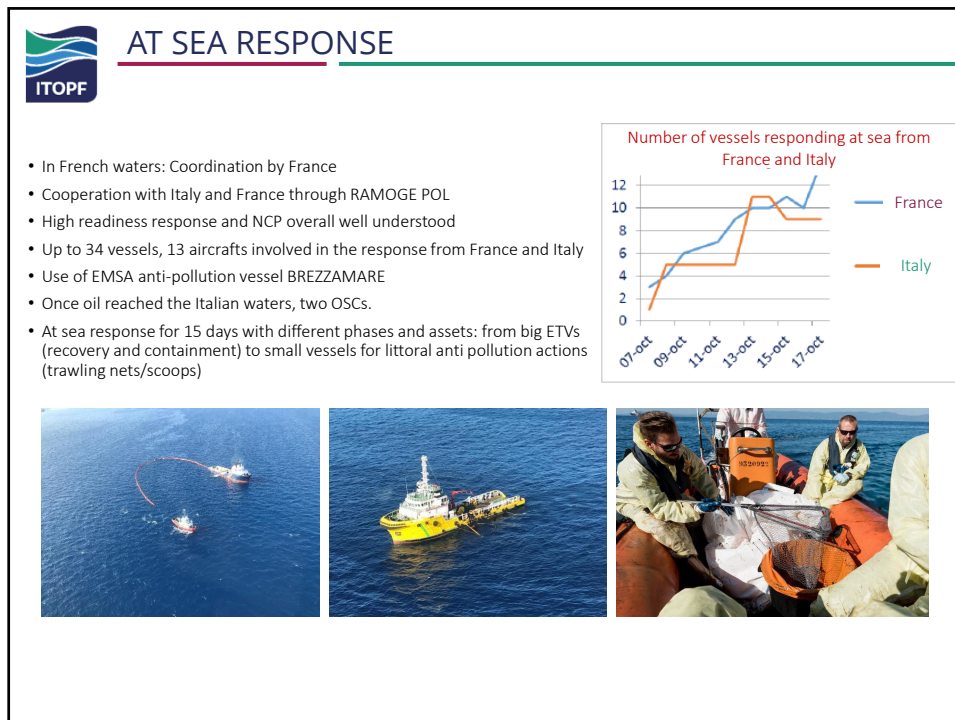
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CSL VIRGINIA – Collision, North Corsica, 7th Oct. 2018



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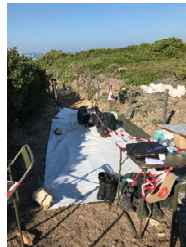


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SHORELINE CLEAN-UP

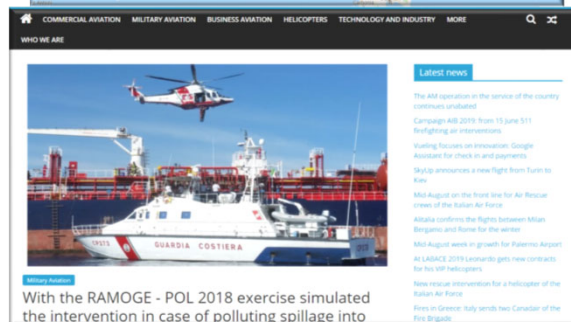
- Only French shoreline was impacted – End of the transboundary incident
- ITOPF was on site for 208 person-days (from 8th October 2018 to 30th April 2019)
- Clean-up started with government led response for two weeks, focussing on removing bulk oil from easily accessible areas
- By the end of October, shipowner led response with the hire of a clean-up company
- In Var, around 150 interim workers daily to clean 38 km of impacted shoreline.
- The clean-up ranged from manual bulk removal to mechanical high-pressure cleaning of a variety of substrates.
- Claims were submitted individually and were centralised to a Claim Submission Office in France



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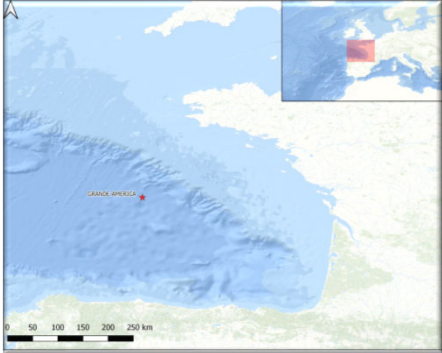



Overall, successful operation ...why?



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GRANDE AMERICA, 12th March 2019






- Bay of Biscay, 12th March 2019 (French waters)
- Con Ro, Italian Flag, Built 1997, 56,642 GT / 27,965 DWT
- Fire and subsequent sinking including:
 - 2,355.6 MT HFO
 - 158 x 20'ft and 207 x 40'ft containers


IMMEDIATE INVOLVEMENT OF SPAIN, THROUGH BISCAYE PLAN

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AT SEA RESPONSE



- Nine vessels were operating simultaneously to recover oil at sea (three French, four Spanish, two EMSA vessels)
- 41 MT of oily solids and 807 m3 of oily liquids were collected
- French as well as Spanish authorities carried out regular overflights over the wreck site and buoy locations
- Subsea survey of the wreck and the adjacent debris field was carried out by AUV.
- Wreck (temporarily) sealed by ROVs
- Several months later, the wreck continues to leak varying quantities of oil but **no shoreline impacts have been reported...**



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Challenges of Incidents in Multi-Jurisdictional Territories

- Inconsistent application & interpretation of IMO Conventions;
- Different levels of preparedness;
- Challenging co-ordination of response operations (SAR, at-sea, shoreline etc.)
- Different amounts of compensation available/different admissibility criteria;



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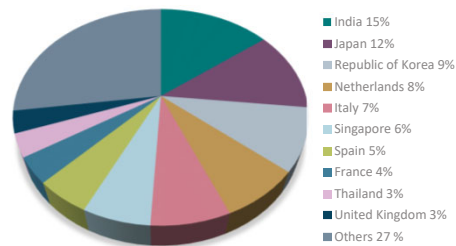
Contributions

Oil received by Member States' oil industries in 2018

1992 Fund

1 535 772 054 tonnes

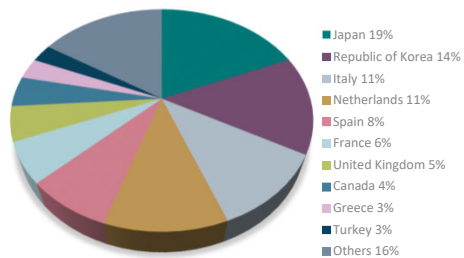
10 States represent **73%** of contributions
41 States reported **nil** tonnages



Supplementary Fund

1 000 060 438 tonnes

10 States represent **84%** of contributions



Tonnages reported by 31 October 2019

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THANK YOU!

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