

Atlantic Conference 2017



Irish Coast Guard - Garda C sta na h ireann



Irish Coast Guard
GARDA C STA na h IREANN

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Irish Coast Guard



An Roinn Iompair
Turas ireachta agus Sp irt

Department of Transport,
Tourism and Sport

4 points to take away

- IRCG is involved in plan approval – pollution clean up and response
- Polluter cleans up.
- Resources will never be enough. A serious event will be overwhelming.
- Talk to us early and keep us engaged.

Maritime Casualty

“A major maritime casualty is both an industrial accident and a natural disaster. There will always be a gap between the worst-case risks presented by a major maritime casualty and the indigenous response capabilities of most sovereign states, especially smaller countries and particularly those with maritime domains as extensive as New Zealand’s”

Independent Review of Maritime New Zealand’s Response to the MV Rena Incident - Murdock

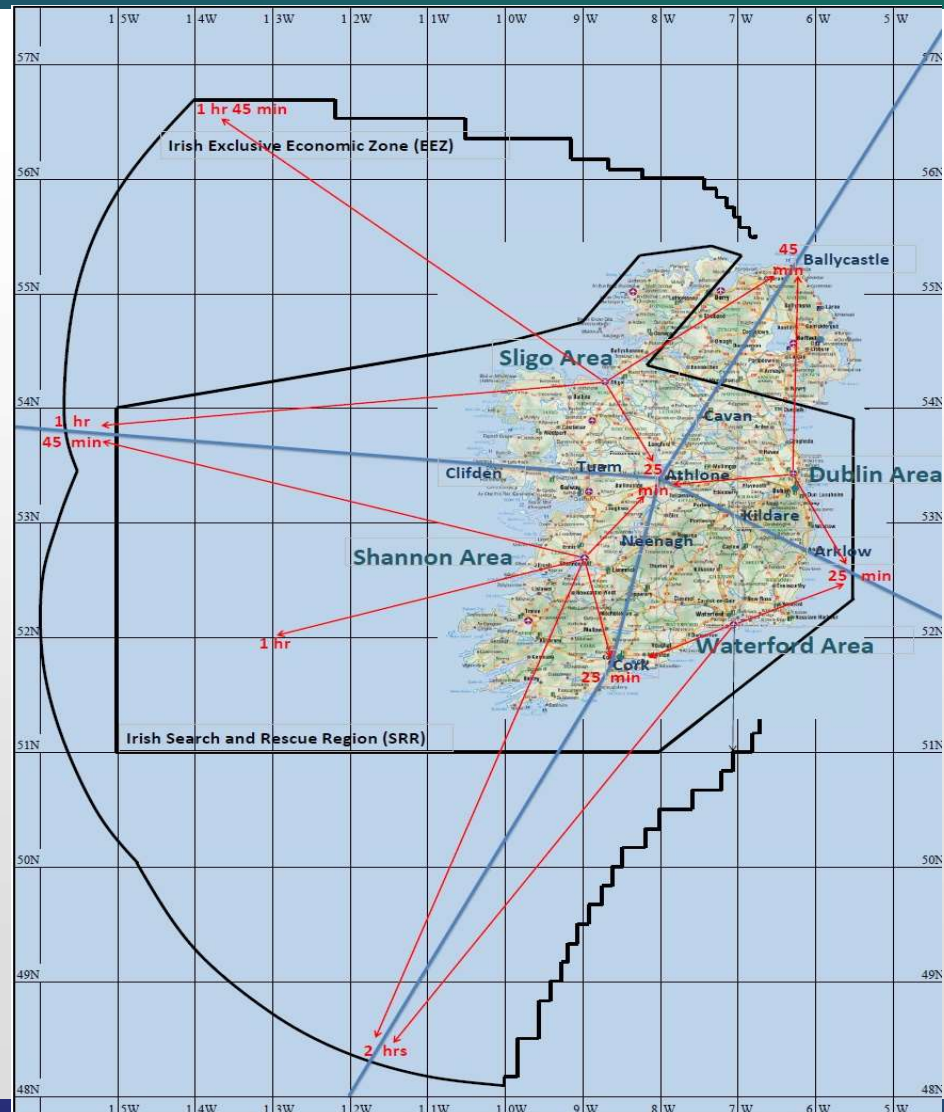


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IRCG Regions



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International Convention for the Prevention of Pollution from Ships (MARPOL)



The International Convention for the Prevention of Pollution from Ships (MARPOL) is the main international convention covering prevention of pollution of the marine environment by ships from operational or accidental causes.

Annex 1,11, 111

Annex I Regulations for the Prevention of Pollution by **Oil**
(entered into force 2 October 1983)

Covers prevention of pollution by oil from operational measures as well as from accidental discharges

Annex II Regulations for the Control of Pollution by **Noxious Liquid Substances** in Bulk (entered into force 2 October 1983)

Details the discharge criteria and measures for the control of pollution by noxious liquid substances carried in bulk;

Annex III Prevention of Pollution by Harmful Substances Carried by Sea in **Packaged Form** (entered into force 1 July 1992)

Contains general requirements for the issuing of detailed standards on packing, marking, labelling, documentation, stowage, quantity limitations, exceptions and notifications.

Annex IV, V, VI

- Annex **IV** Prevention of Pollution by **Sewage** from Ships - September 2003
- Contains requirements to control pollution of the sea by sewage;
- Annex **V** Prevention of Pollution by **Garbage** from Ships (entered into force 31 December 1988)
- Deals with different types of garbage and specifies the distances from land and the manner in which they may be disposed of;
- Annex **VI** Prevention of **Air Pollution from Ships** (entered into force 19 May 2005)
- Sets limits on sulphur oxide and nitrogen oxide emissions from ship exhausts and prohibits deliberate emissions of ozone depleting substances;

Sea Pollution Act 1991

Enabled Ireland to ratify MARPOL 73/78

- prohibiting or regulating the discharge anywhere at sea from a ship registered in the State or the discharge in the State from any ship of any oil, oily mixture, noxious liquid substance, harmful substance, sewage or garbage;
- The owner and the master of a ship in respect of which there is a contravention of regulations under this section shall be guilty of an offence.
- Number of **exclusions** but most important securing the safety of a ship or saving of life.

Sea Pollution Act 1991

- The Act requires Harbours to provide facilities for disposal of oily residues and other substances
- The Act requires Ship Owners, Masters and Harbour Masters to report a discharge.
- The Act allows the Minister to **warrant** personnel to act on his behalf following upon a maritime casualty or acts related to such a casualty, give such directions as seem to him to be appropriate.
- Amends the Continental Shelf Act 1968 –
- Part IV of the Act - Minister for Energy in consultation with the Minister for the Marine may make regulations prohibiting or regulating the discharge of any oil, oily mixture, noxious liquid substance, harmful substance, sewage or garbage from a pipeline or from any operation for the **exploration** of the seabed and subsoil.

Sea Pollution (Amendment) Act 1999

Amends the Sea Pollution 1991 Act

Gives effect to the International Convention on Oil Pollution Preparedness, Response and Co-operation, 1990 (**OPRC**).

Directs Local Authorities, Ports, and Operators of an Offshore Unit or oil handling facilities to:

- 1. prepare **plans** for the prevention and minimisation of damage arising from an oil pollution incident
- and
- 2. also to prepare **oil pollution emergency plans**.
- Allows the Minister to appoint authorised officers
- Minister may give direction
- Allows for the detention of vessels if failing to comply with this Act

Sea Pollution (Amendment) Act 1999



Minister may give direction to an Operator of an Offshore Unit to

- Make **modifications** or alterations to these plans
- Give direction to **refrain** from doing anything which in the opinion of the Minister for the purposes of responding to an oil pollution incident
- Places a legal obligation on the Operator to **report** an discharge
- Places a legal obligation on the Body Corporate for any consent, connivance or neglect with fines up to 10 million euro and possibly prison for any convicted personnel.

Sea Pollution (Miscellaneous Provisions) Act 2006



- Among others gives effect to Protocol 2000 on preparedness response and co-operation to pollution incidents by **hazardous and noxious substances** and amends Sea Pollution Acts 1991 to 1999.
- Places a legal responsibility on the Operator of an Offshore Unit with hazardous and noxious material to prepare and submit a plan or make modification to previous plans for the prevention and minimisation of damage arising out of a pollution incident
- **Exclusions** under Sea Pollution Acts do not apply under this Act.

Managing the response to a major pollution incident from shipping

Tier 1
Tier 2
Tier 3

Major Shipping Pollution Incident

Activate the NCP

NMOC
/MRSC

Co-ordinates
SAR

Ship Casualty

Co-ordinates
and directs all
response issues

At Sea Pollution
Response

Co-ordinates and
directs at sea and
aerial response
Operations

Shoreline Pollution
Cleanup

Directed and co-ordinated
by IRCG

Shoreline
Response Centre
Managed and
manned by
Local Authority

Coast Guard Advice to Potential Operators.



- Research Irish **Legislation** iro Sea Pollution Acts and understand obligations
- **Engage** with Ship Casualty and Pollution Section Irish Coast Guard minimum 18 months prior to spud date.
- The Pollution Plans must be **approved** prior to drilling.

Coast Guard Advice to Potential Operators.



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- Pollutions Plans must ensure that **command and control** measures adequately address Ireland's needs.
- **Exercising and validation** of Pollution Response plans and measures need to be signed off prior to drilling.
- **Ship to Ship** Transfers and Ship to Platform Transfers require a separate permits and undergo separate processes.

Thank you



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