

Eurisy Conference. Vigo, 30<sup>th</sup> June – 3<sup>rd</sup> July 2003

## **The Impact of Satellite Technology on Maritime Security**

# **Maritime Disaster Response a Global Perspective**

**Jerzy Graff** *British Maritime Technology*



British Maritime Technology

Amoco Cadiz 1978



Prestige 2002



Castelle Belevue 1982



Erika 1999



Exxon Valdez 1989



Argo-Merchant 1976



Piper Alpha 1988



Herald of Free Enterprise 1987



Ixtoc I Platform 1980



# **DOES EO HAVE A ROLE TO PLAY IN MARITIME DISASTERS?**

**If so – what is it ?**

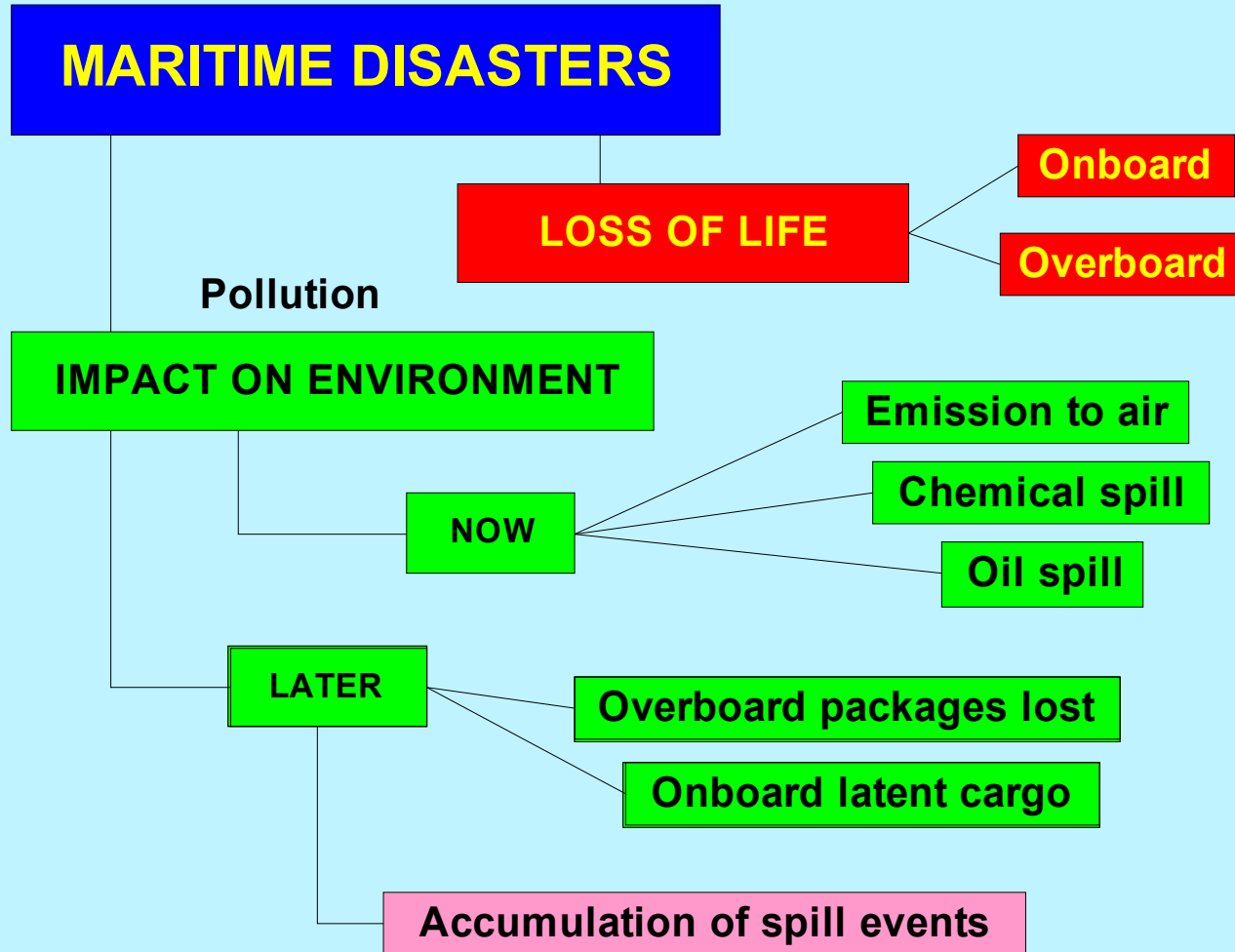
# **WHO ARE THE PLAYERS INVOLVED IN MARITIME DISASTER RESPONSE?**

**Do we understand their role and  
needs?**

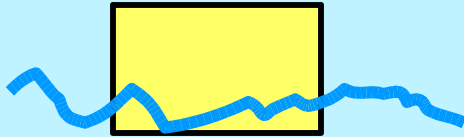
1980 Derbyshire 44



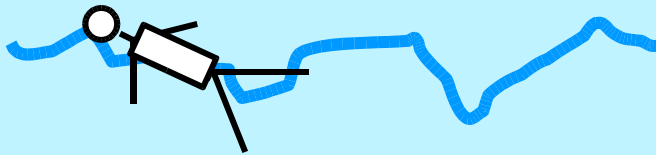
# Typifying Maritime Disasters



# The Problem to Resolve

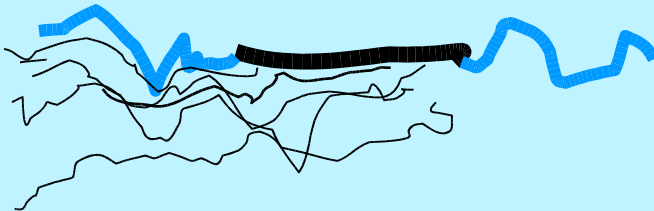


Where are 'they' now and where are 'they' going?



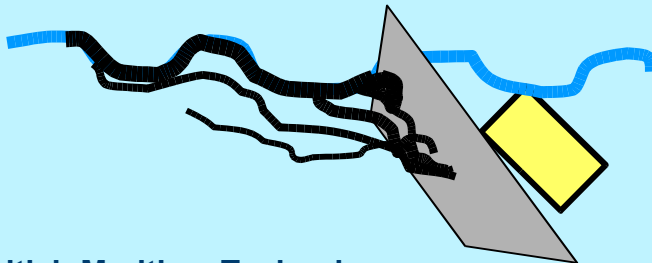
## Search and Rescue

- Trajectory & survival



## Pollution

- Trajectory & dispersion



## Salvage & Pollution

- Fate, consequence, where?

# Typifying Response to Maritime Disasters

Technology resources available to all

Best Available  
Resources

← Scale of Response →

What we can best  
afford

Rapid Response

← Response to Threat →

Judgement of Threat

Maritime Disaster

Safety of Lives

← Scale of Threat →

Threat to Environment



# Global Shipping Control

