

Eurisy Conference. Vigo, 30th June – 3rd July 2003

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

**Maritime Disaster Response
a
Global Perspective**

Jerzy Graff *British Maritime Technology*



Amoco Cadiz 1978



Prestige 2002



Castelle Belevue 1982



Argo-Merchant 1976



Exxon Valdez 1989



Erika 1999



Herald of Free Enterprise 1987



IxTOC I Platform 1980



Piper Alpha 1988

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?**

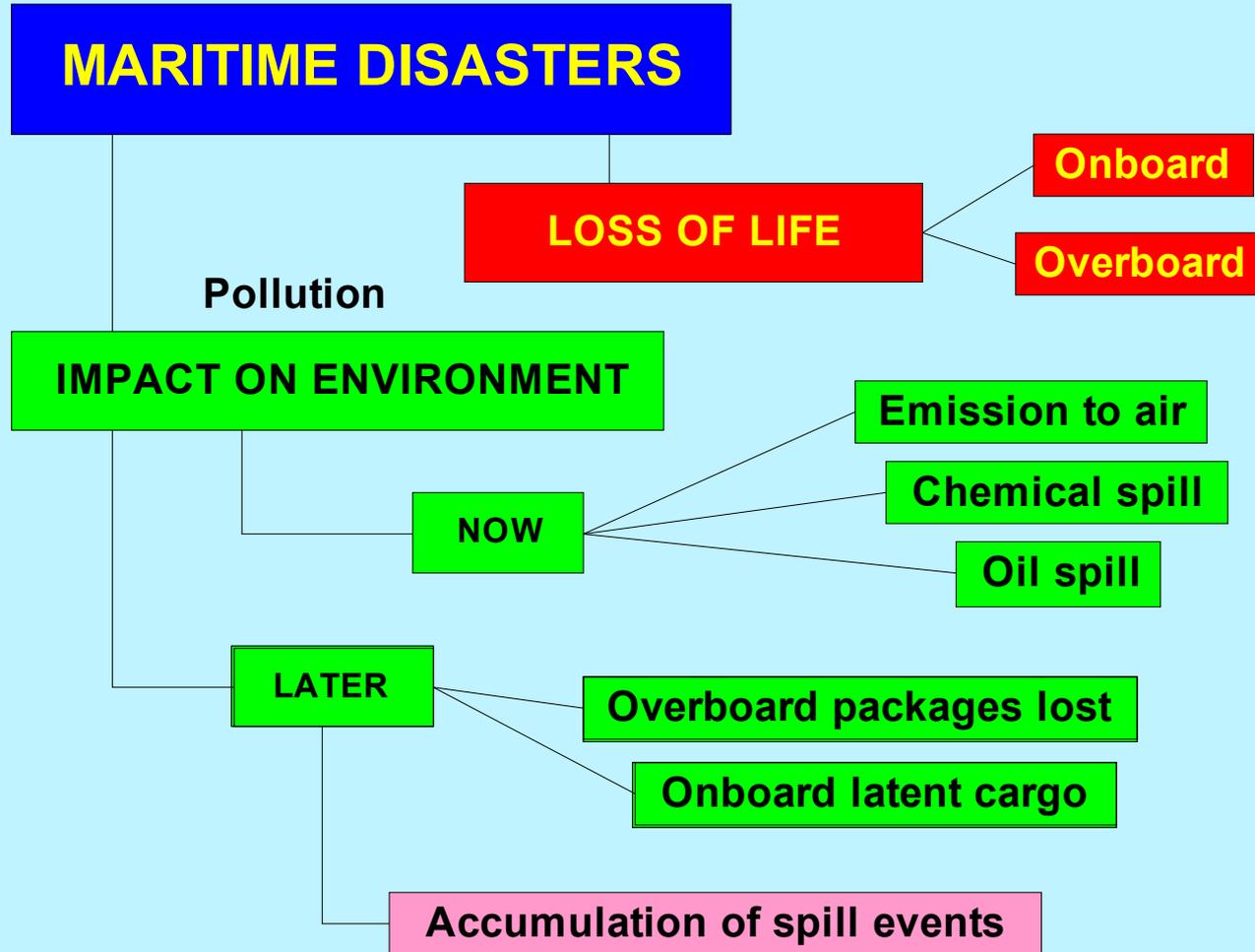
1980

Derbyshire

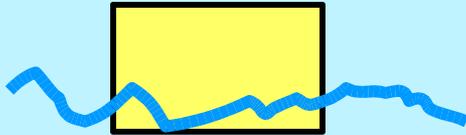
44



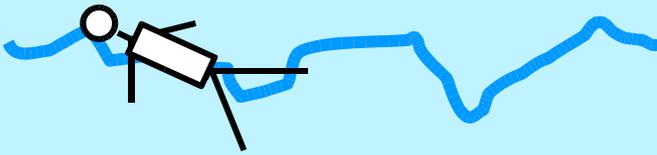
Typifying Maritime Disasters



The Problem to Resolve

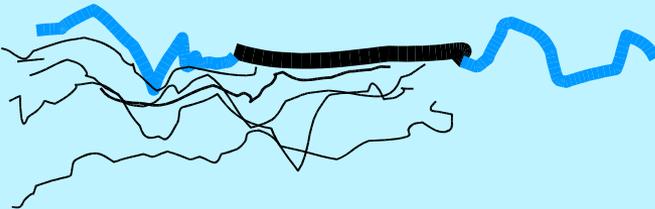


Where are 'they' now and where are 'they' going?



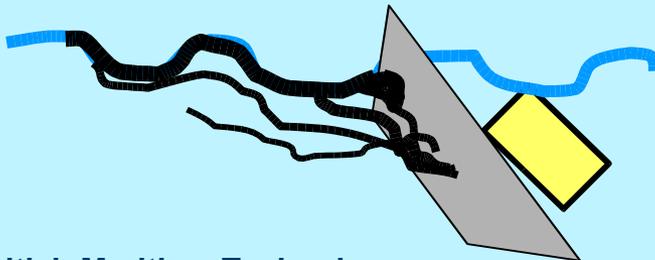
Search and Rescue

- 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

