

International Shipping - Carrier of World Trade

**Peter M Swift
15 November 2005**

**World Maritime Day Celebration,
Lisbon**



INTERTANKO

Tanker Shipping

- playing its part

Transporting the world's energy

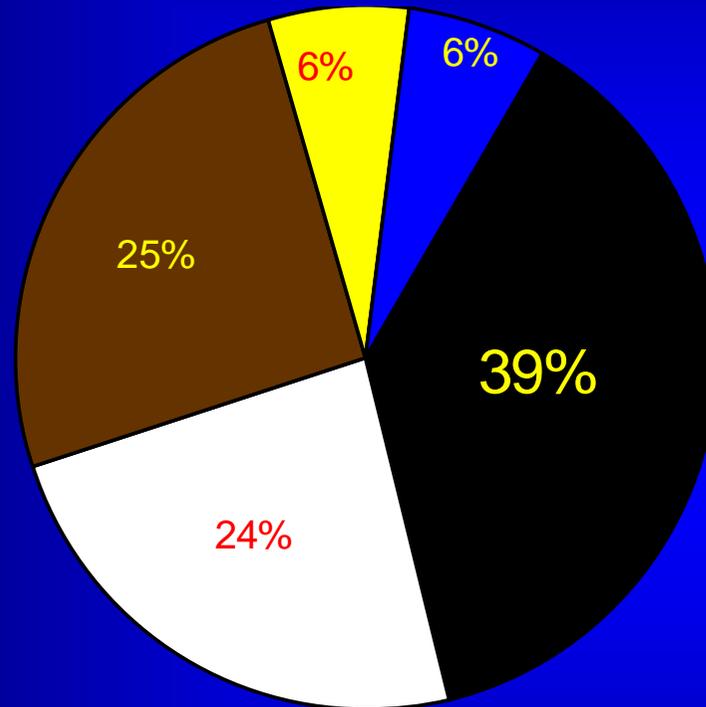
Carrying the oils that fuel the world's economies



INTERTANKO

Global primary energy consumption by fuel

million tonnes oil equivalents



- Oil: 3563
- Gas: 2286
- Coal: 2412
- Nuclear: 611
- Hydro: 593

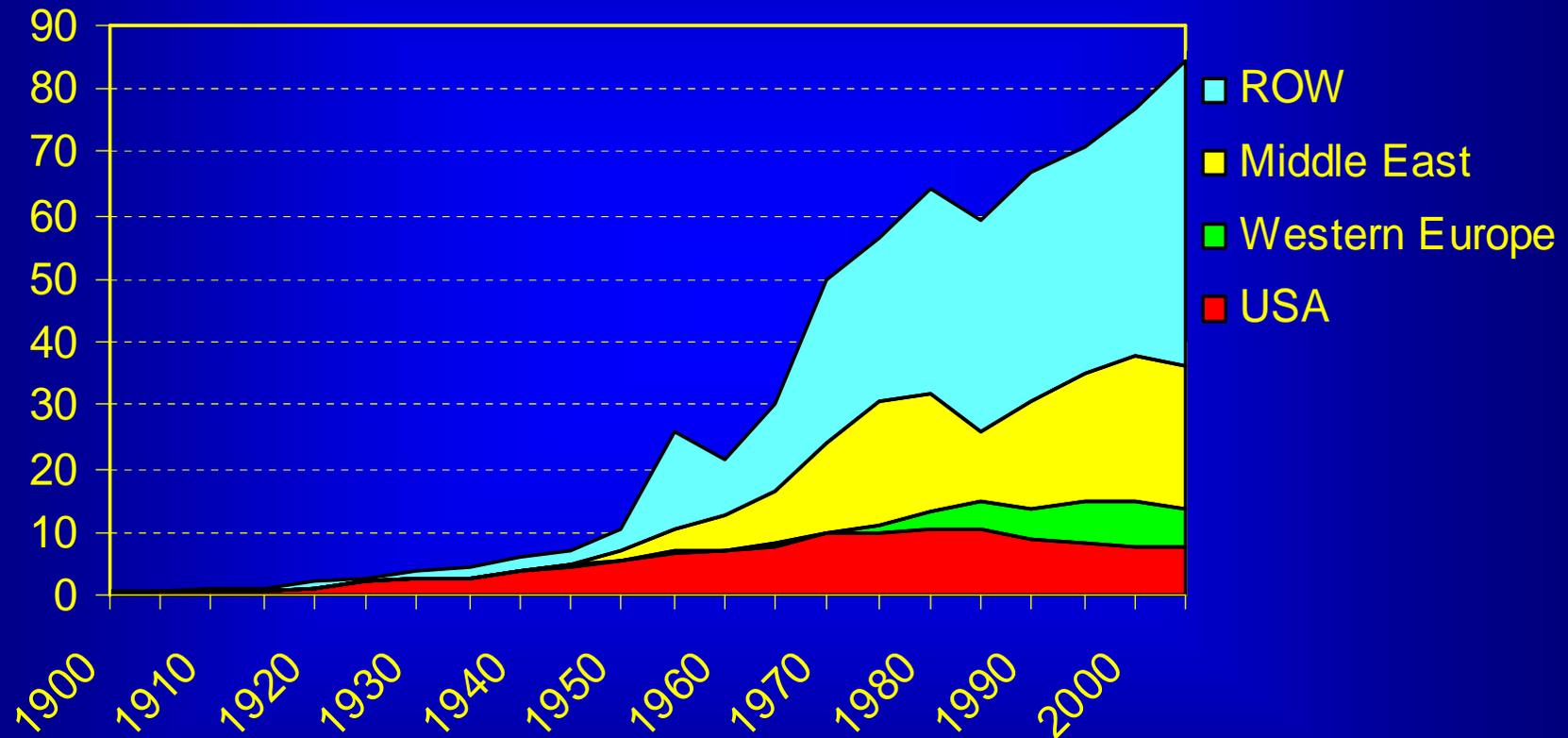
Source: BP



INTERTANKO

World oil supply 1900-2005

mbd

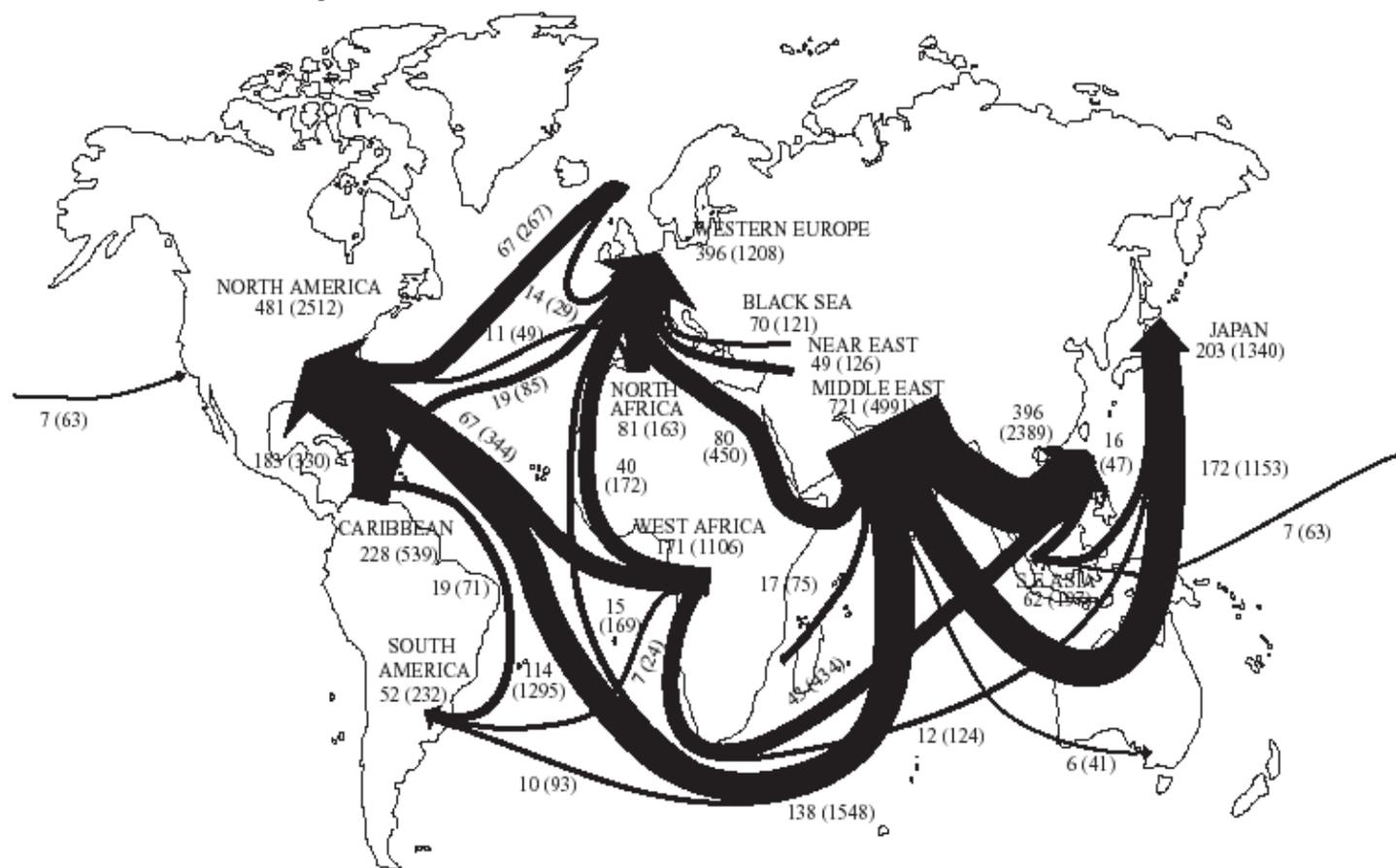


INTERTANKO

Crude oil seaborne trade

CRUDE OIL. SEABORNE TRADE 2002

Main inter-area movements in million metric tonnes. (Billion tonne-miles in brackets.) Only main routes are shown. Area figures are totals including smaller routes not shown separately.



Total trade 1588 million tonnes
7848 billion tonne-miles.

Prepared by **Fearnleys**



INTERTANKO

The world needs tankers



INTERTANKO

***AS AN INDUSTRY
WE MAY NOT BE LOVED
BUT
WE ARE NEEDED***



- World Oil Consumption 3.7 billion ts
- Transported by sea 2.3 billion ts
- > 60% transported by sea.



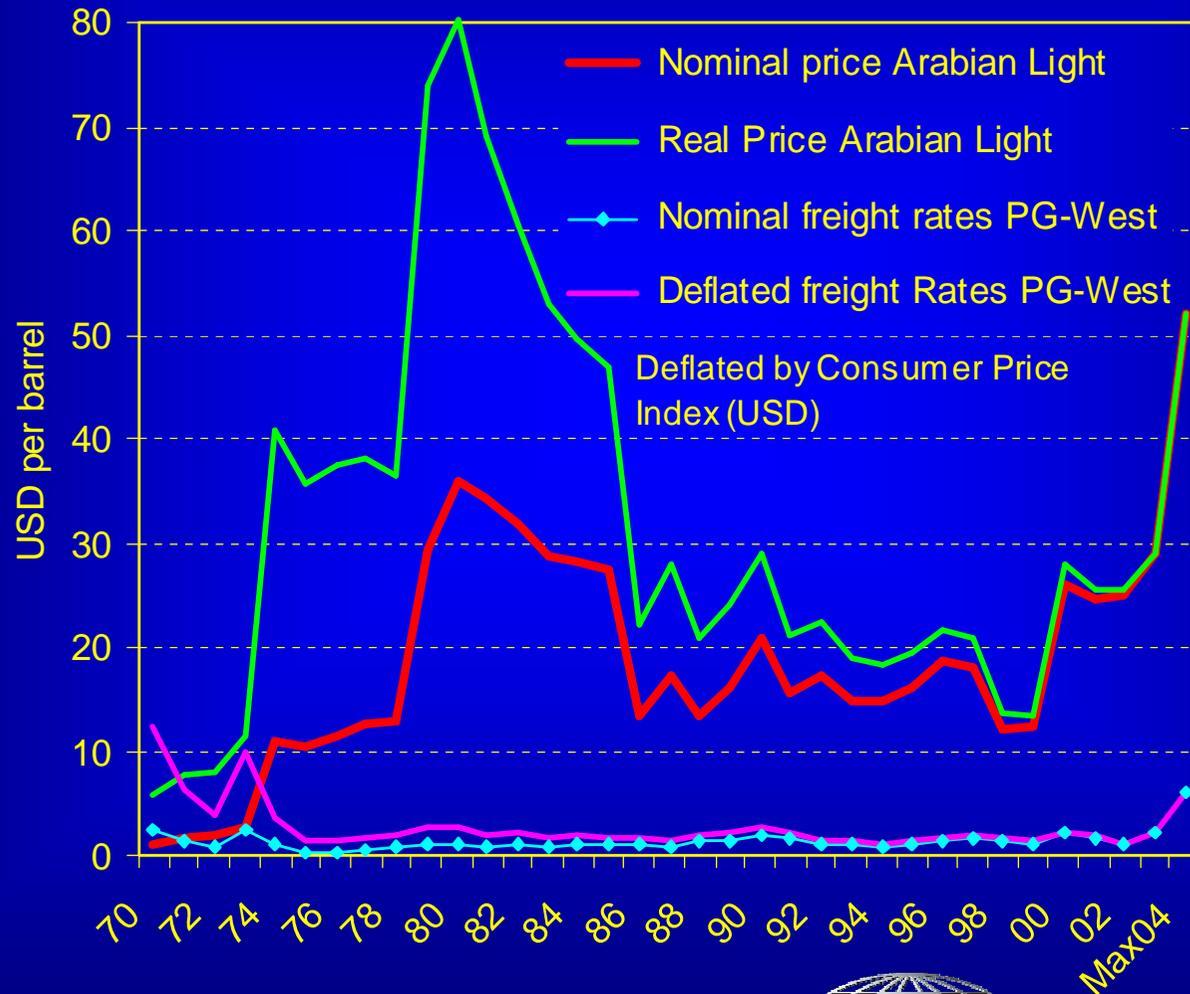
INTERTANKO

Regular supply critical



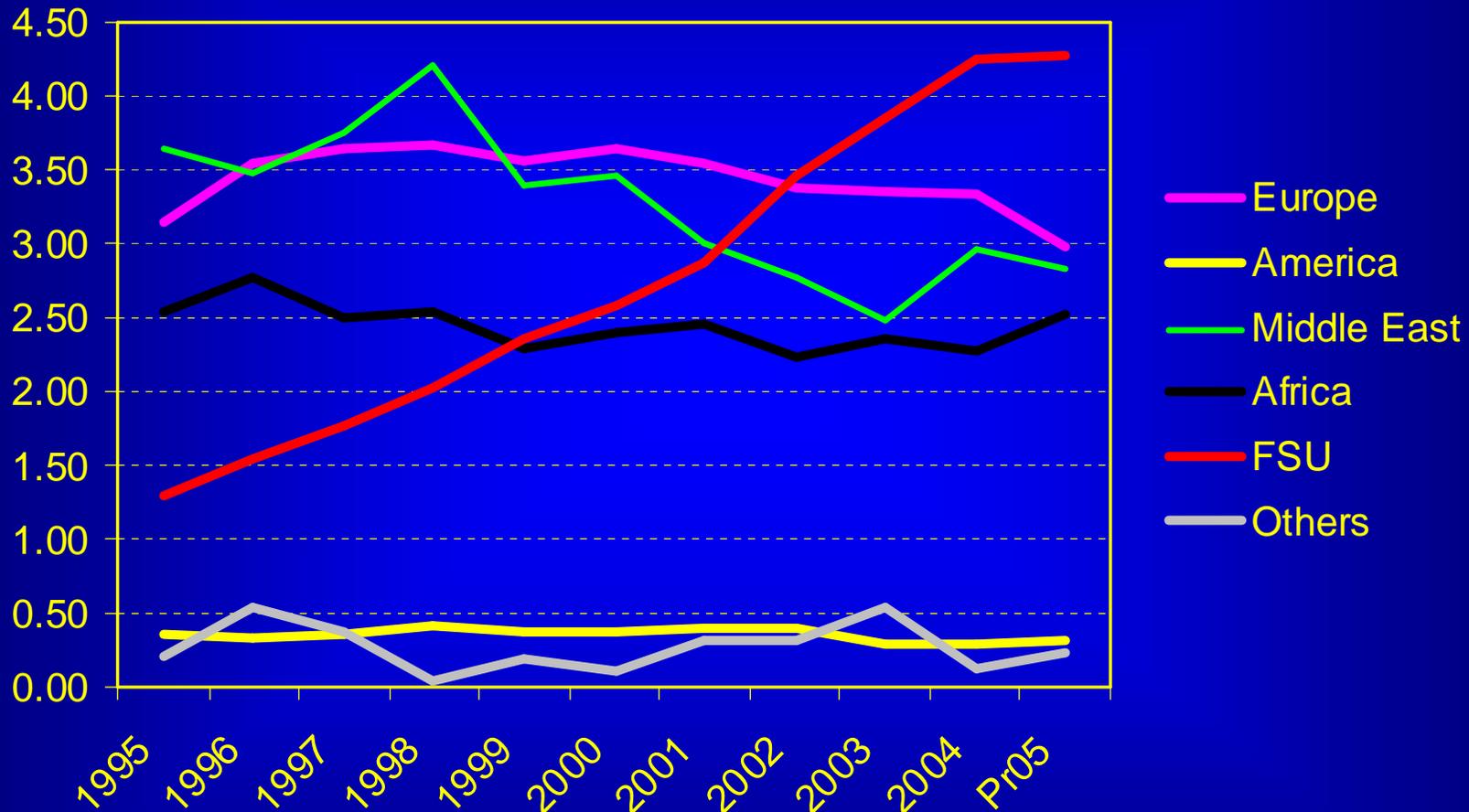
INTERTANKO

Oil price and tanker freight rate 1970-2004



INTERTANKO

European crude oil imports (mbd)



Projection based on first 8 months 2005

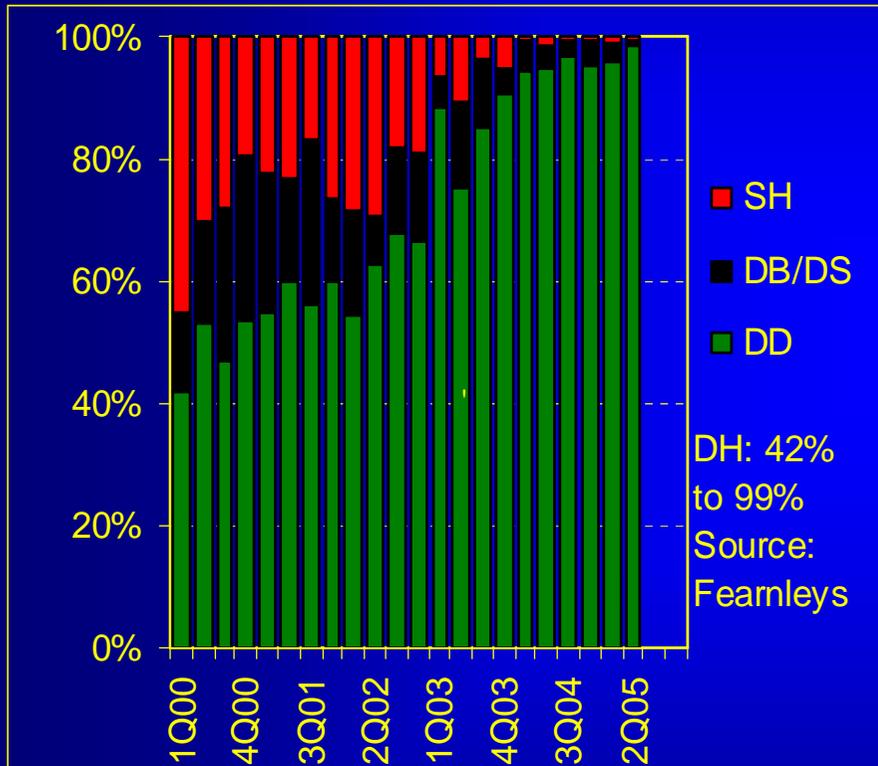


INTERTANKO

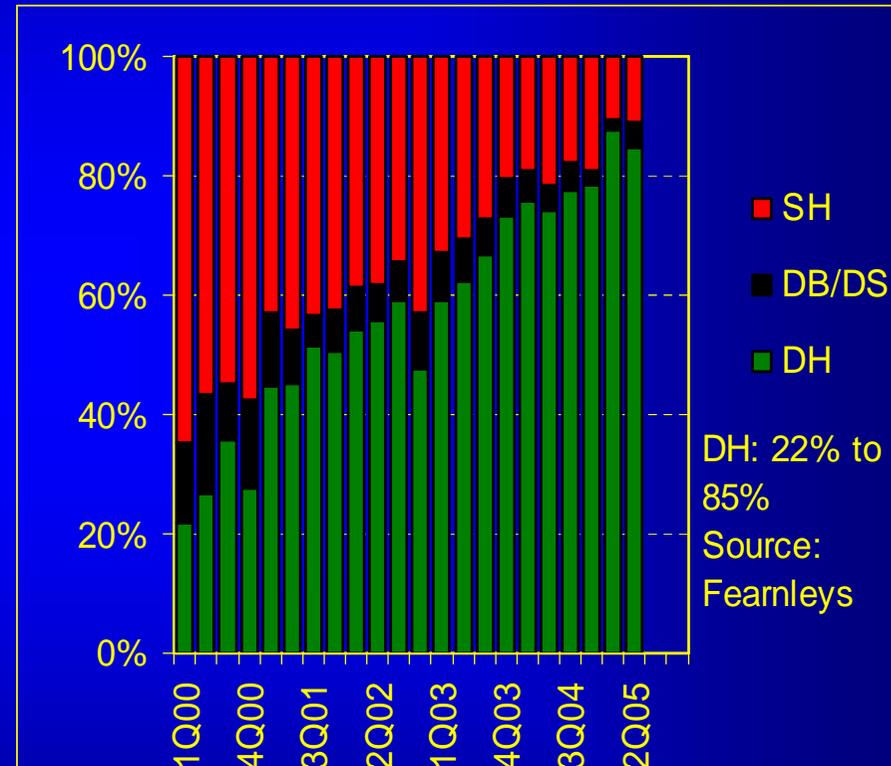
Ship Selection : Baltic / Black Sea

2000-2005: tankers above 50,000 dwt

% Baltic Sea



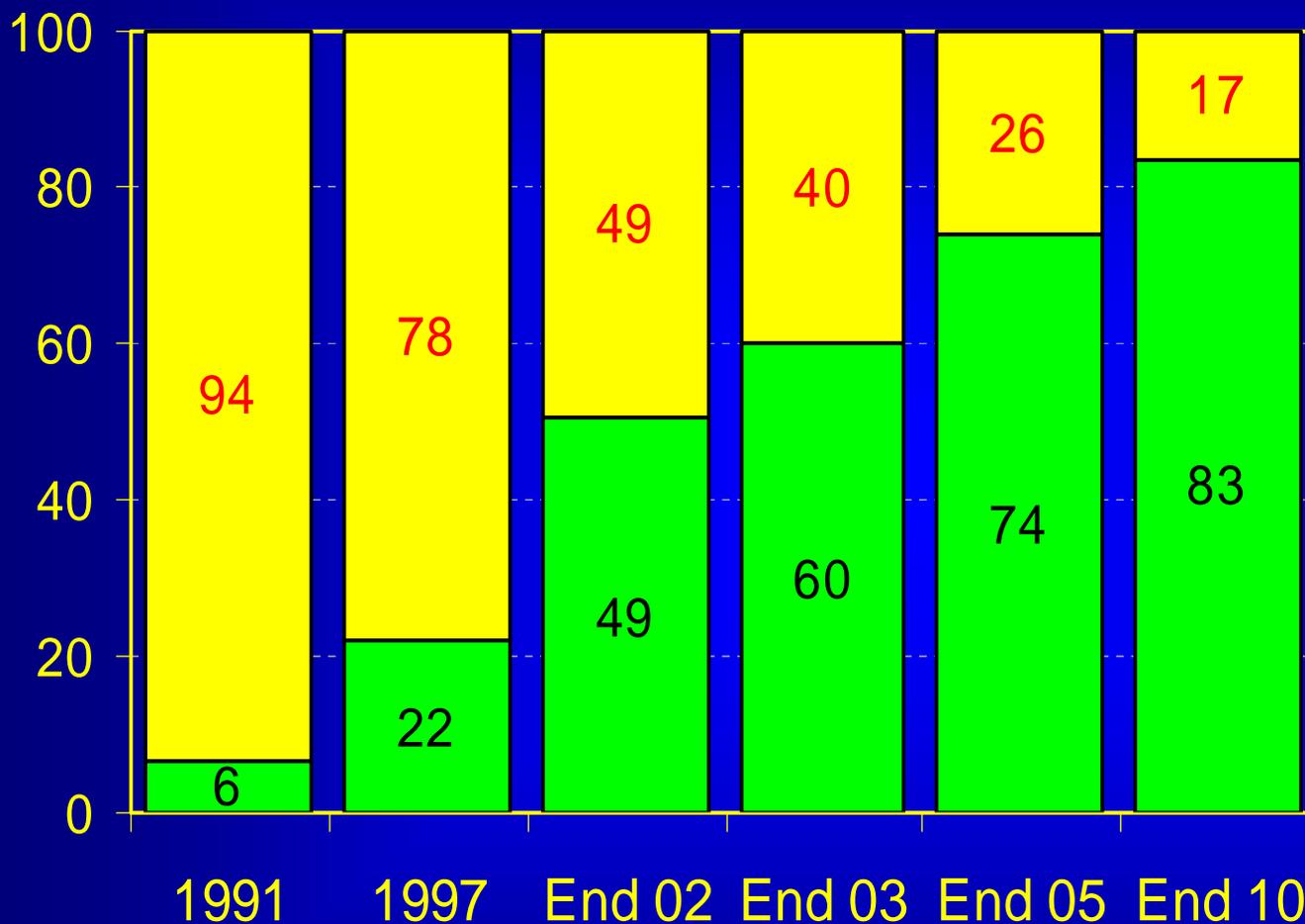
% Black Sea



INTERTANKO

Fleet by hull

percentage



■ SH* share (%)

■ DH share (%)

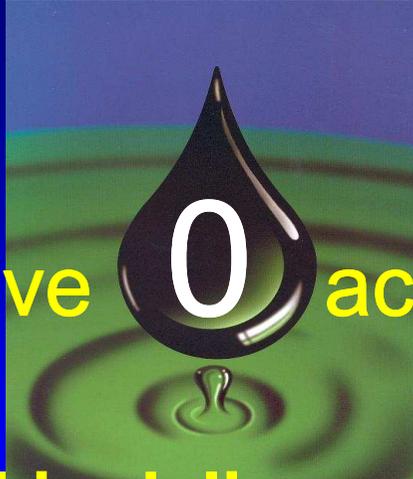
End 05, all tankers
built 1982 and earlier
gone

End 10, all tankers
built 1987 and earlier
gone

trading beyond 2010
subject to
administrations



INTERTANKO

Society expect us to have  accidents,
even though 99.9999% of oil is delivered safely

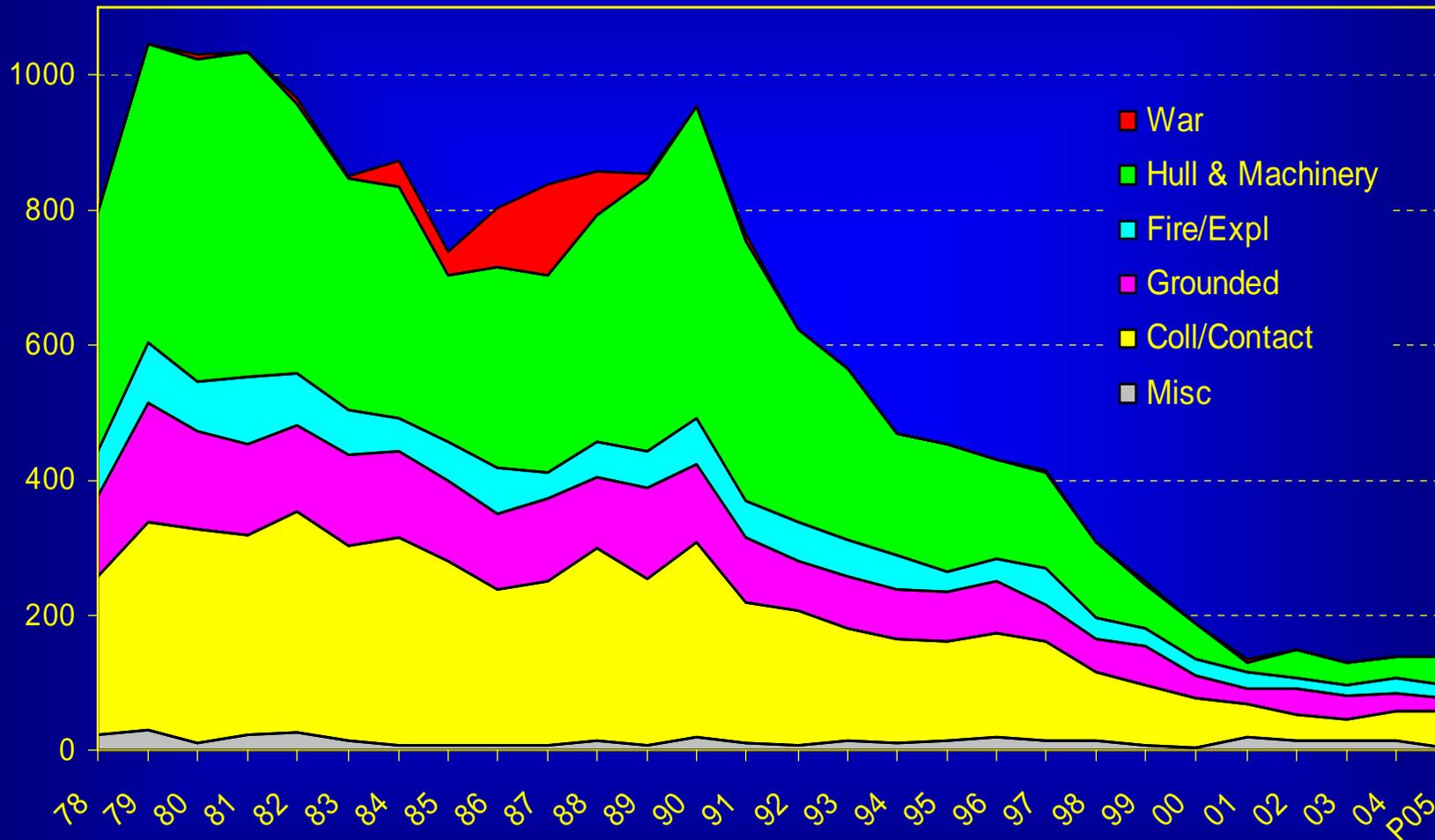
It takes only one accident to change the industry

*The tanker shipping industry is
"striving for ZERO"*



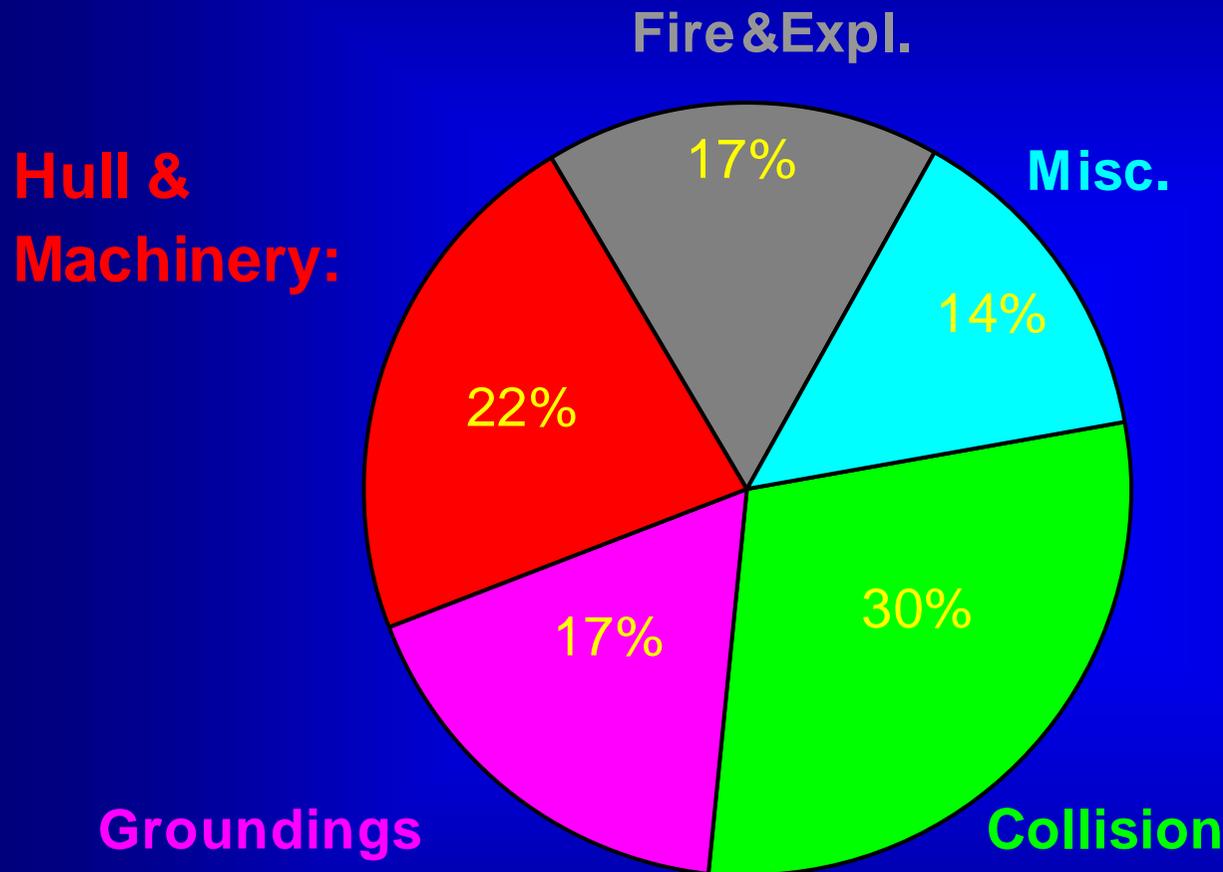
INTERTANKO

Reported tanker incidents (1978 – 2005)



INTERTANKO

Tanker incidents 2004



13 involving **pollution**, largest approx. 1,000 ts

dwt tankers involved :
27 below 10,000
35 10-29,999 dwt
52 30-99,999 dwt
23 <100,000 dwt

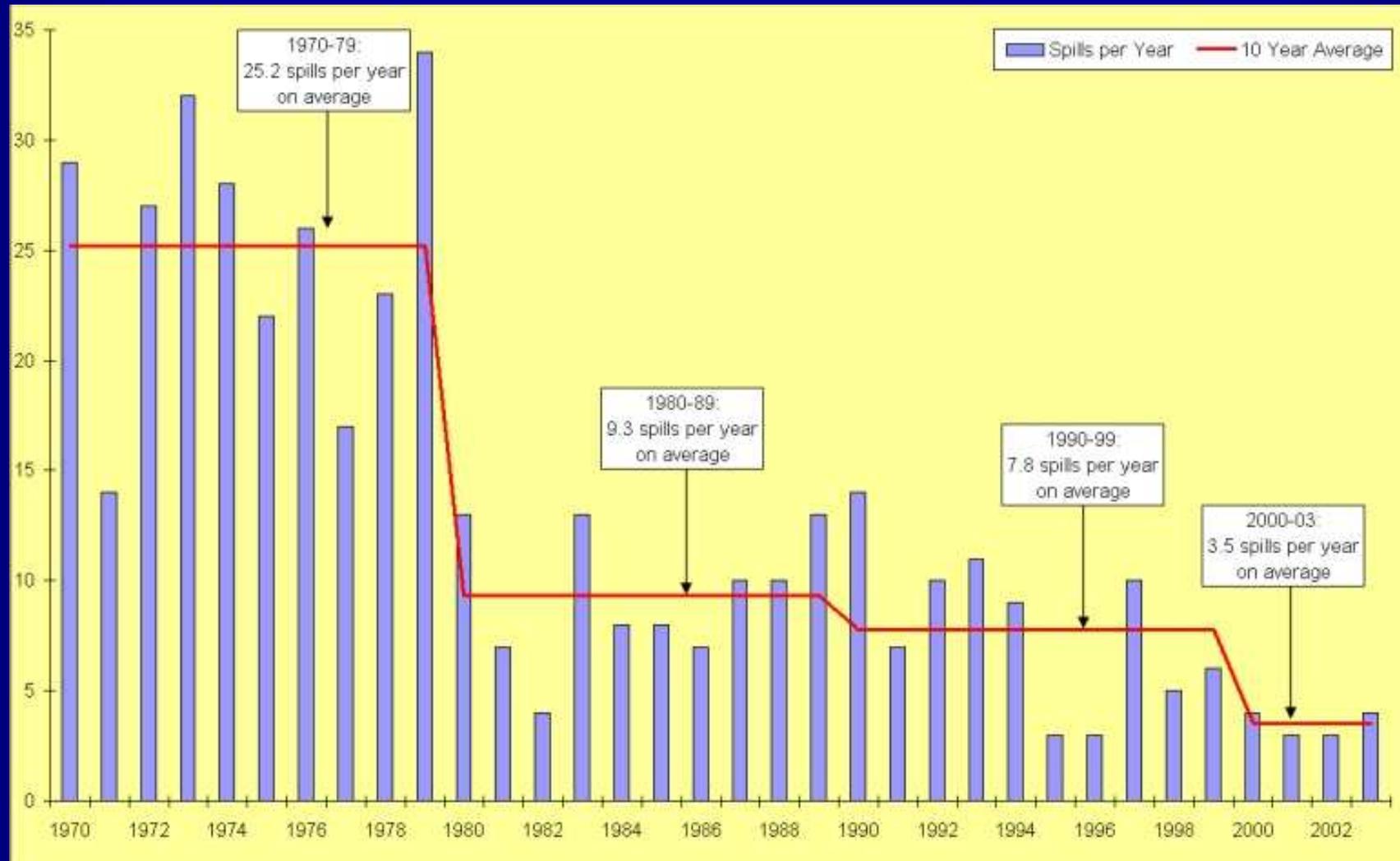
Age tankers involved :
30 built 1970s or earlier
38 built 1980s
40 built 1990s
28 built 2000s, 4 unknown

Hull & Machinery:
* 11 engine
* 4 hull
* 16 other



INTERTANKO

Development of tanker oil spills



Source: ITOPI. Number of spills above 700 tonnes.

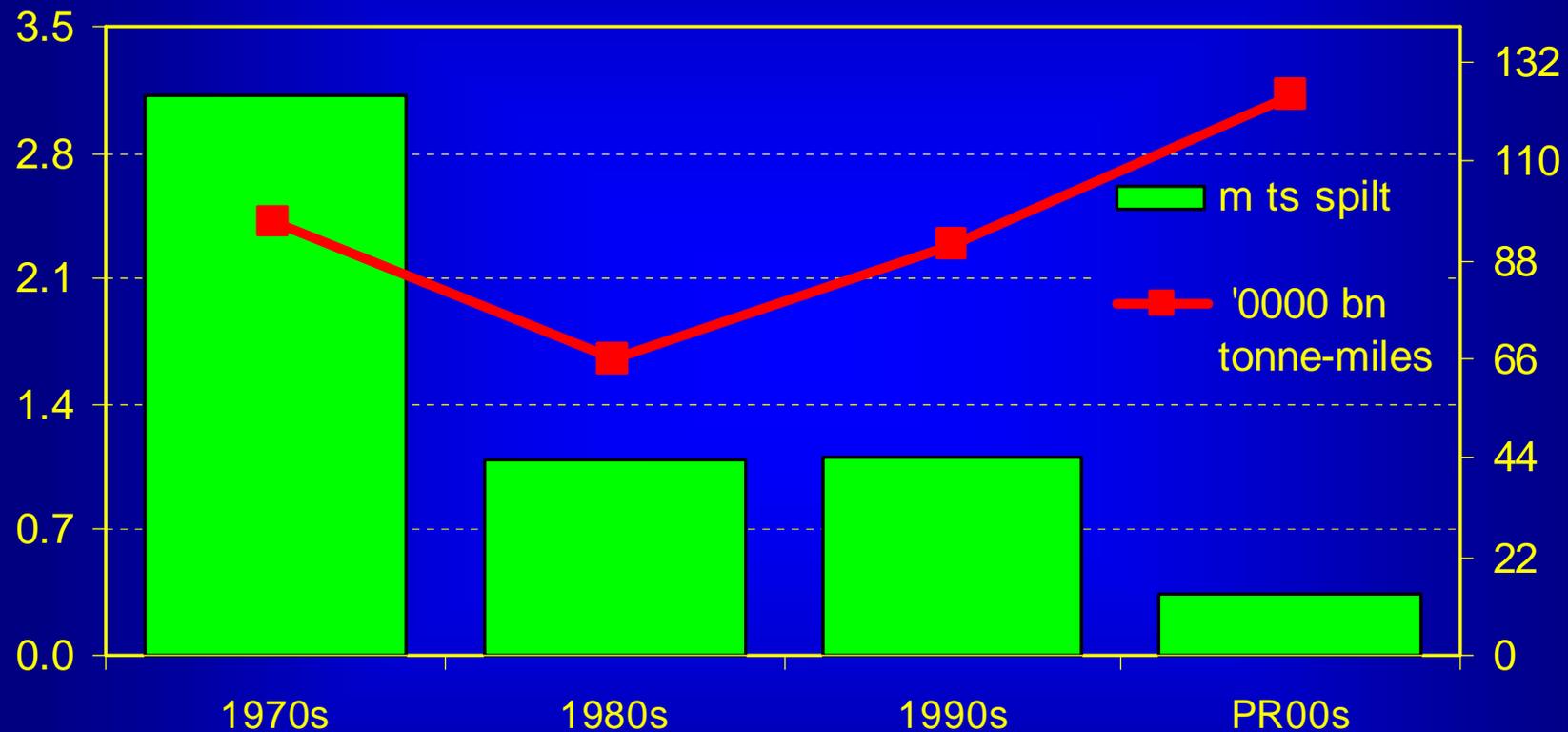


INTERTANKO

Accidental oil pollution from tankers and tanker trade

m ts spilt

1000 bn tm



Source: ITOPF, Fearnleys



INTERTANKO

Port State Control

Percentage of inspected ships detained



INTERTANKO

For international shipping to be effective and efficient

- **we need international governance and regulatory structures,**
- **with consistent "effective" legislation, adopted universally and implemented uniformly**



INTERTANKO

Oil Shipping's licences to operate

- a need for consistent international standards

- **Flag**
- **Class** (newbuild & in-service)
- **Insurer** (compulsory certificates)
- **Charterer** (through vetting)
- **PSC** (on behalf of coastal states)



INTERTANKO

Examples of the need for consistent international standards

- *Ship design*
- **Ballast water management**
- **Air emissions / sulphur levels in fuels**



INTERTANKO

**“Oil should travel first class”
- that is the aim of the oil shipping industry**



INTERTANKO



Thank you

www.intertanko.com

www.shippingfacts.com



INTERTANKO