



# **10<sup>th</sup> Cooperation Forum**

**Kota Kinabalu, 2-3 October 2017**

## **Marine Environmental Protection** ***International shipping perspectives***

*Tim Wilkins INTERTANKO*

*Environment Director & Regional Manager Asia-Pacific*



## **1. International shipping perspective**

*The major environmental issues facing the tanker industry today.*

## **2. Regional issues**

*Commentary on the major issues affecting the SOMS region.*

## **3. Littoral State cooperation and Industry collaboration**

*Solutions as seen from the international tanker industry.*



## *1. Major environmental issues facing the tanker industry today*

### **1. Air emissions**

- Greenhouse gas emissions
- MARPOL Annex VI – SO<sub>x</sub>, NO<sub>x</sub> and PM

### **2. Ballast water management**

### **3. Antifouling and Biofouling**

### **4. Accidental discharge of oil into the sea**

### **5. Environmental Compliance**

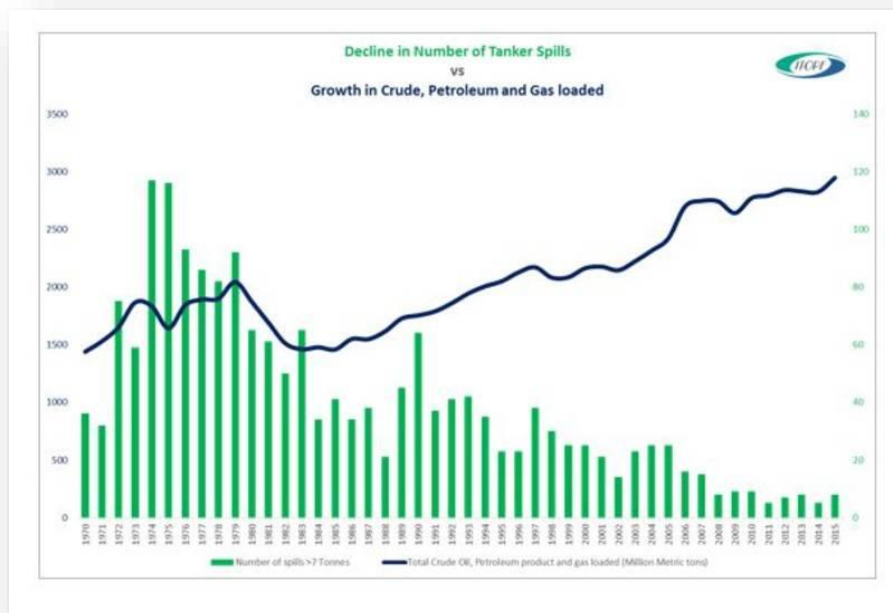
- Implementation and enforcement of MARPOL



## 2. Regional environmental issues

### 1. Accidental discharge of oil into the sea

- While the overall performance of the international tanker fleet continues to improve, there remain persistent smaller spills into the seas



Year	Date	Area affected	Effect of the pollution	Pollution source
2004	na	Selat Kukup		Pollution from river discharge
2005	20 May	Laut Serkat Tanjung Piai Kukup		Oil pollution
2006	na	Selat Kukup		Pollution from river discharge
2007	na	Selat Kukup		Pollution from river discharge
2008	September	Controlled by Sri Endon vessel		Oil pollution
2009	September	Controlled by Sri Endon vessel		Oil pollution
2010	na	Selat Kukup		Pollution from river discharge
2011	29 October	Laut Tanjung Piai Serkat Kukup		Oil pollution
2012	25 June	Laut Tanjung Piai Serkat Kukup		Oil pollution
2013	na	Selat Kukup		Pollution from river discharge
2014	9 April	Selat Kukup		Pollution from river discharge

Note: na – complete information not available

Source: Department of Fisheries Malaysia (Johore State, Pontian District)

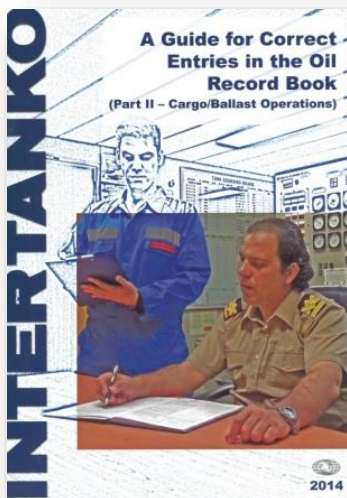
- Review and assessment of Project 12 (Oil Spill Monitoring)



### 2. Regional environmental issues

#### 2. Implementation and enforcement of MARPOL

- Strict environmental compliance policies for the international fleet*



- Dialogue and influence over coastal fleet – information sharing through Littoral States*



## 2. Regional environmental issues

### 2. Implementation and enforcement of MARPOL

- *Port State MARPOL obligations upheld by Littoral States*

**Bali, October 2013**

**Singapore**

General Port, 23 facilities      26 in total  
Jurong Island, 3 facilities  
Pulau Bukom, 1 facility

**Malaysia**

Panang (Georgetown), 1 facility      2 in total  
Johor Bahru/Pasir Gudang, 1 facility

**Indonesia**

Blanglancang, 1 facility      1 in total

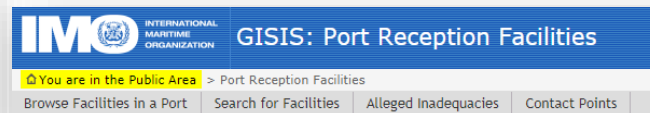
**Port Reception Facilities  
Booklet  
Straits of Malacca and  
Singapore**



*Cooperative Mechanism on the Straits of Malacca and Singapore*

*Produced by the Littoral States of  
Indonesia, Malaysia and Singapore  
with the cooperation of  
BIMCO and INTERTANKO*

*September 2013*



- *Live document for continual updating*
- *GISIS PRFD updates remain unchanged*



## *3. Littoral State cooperation and Industry collaboration*

### **1. Accidental discharge of oil into the sea**

- i. Focus on smaller operational spills
- ii. Monitoring and reporting of incidents to determine sources

### **2. Implementation and enforcement of MARPOL**

- i. Annex V, **Garbage** – reception facilities – updates to GISIS
- ii. Review and assessment to determine the source of garbage in SOMS
- iii. Focus on all sources of garbage in SOMS

*thank you*

**LEADING THE WAY,  
MAKING A DIFFERENCE**



**INTERTANKO**