

# **DUKUNGAN DIREKTORAT JENDERAL PERHUBUNGAN LAUT TERHADAP KEAMANAN NUKLIR DI PELABUHAN**

**Oleh:**

**DIREKTUR KPLP**

**Direktorat Jenderal Perhubungan Laut**

# PENDAHULUAN

Pengelolaan Keamanan Pelabuhan oleh Kementerian Perhubungan, dilakukan oleh DIREKTORAT JENDERAL PERHUBUNGAN LAUT

## ❖ **Kepelabuhanan;**

- Kondisi terpenuhinya manajemen keselamatan dan **sistem pengamanan pelabuhan/fasilitas pelabuhan** (*International ship and port facility security Code- ISPS Code*).

Substansi pengelolaan keamanan laut oleh unsur KPLP Direktorat Jenderal Perhubungan Laut adalah aspek **Keselamatan dan Keamanan Pelayaran**

# LATAR BELAKANG ISPS Code

## Attack on USS Cole (Oct - 2000) in Aden



In October 2000, the *USS Cole* was attacked by a small boat which came along side and was detonated. Seventeen sailors were killed and thirty eight were wounded.

## Attack WTC & Pentagon (2001)

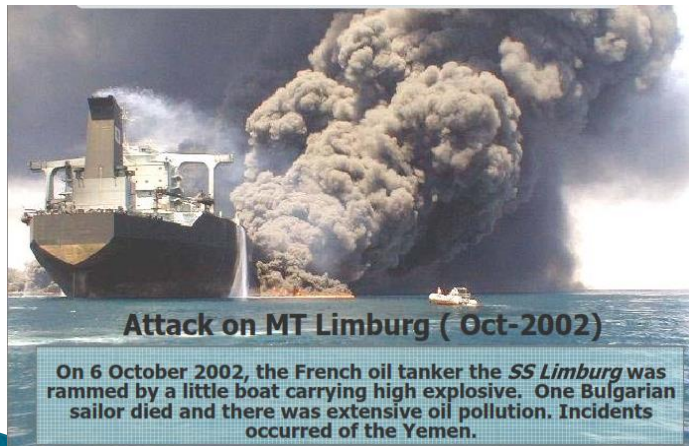


Spencer Platt / Getty Images



MV. ACHILLE LAURO

Attack when ship at port in 1985



## Attack on MT Limburg ( Oct-2002)

On 6 October 2002, the French oil tanker the *SS Limburg* was rammed by a little boat carrying high explosive. One Bulgarian sailor died and there was extensive oil pollution. Incidents occurred of the Yemen.

# APLIKASI

1

- Kapal yang melakukan pelayaran internasional
- Kapal penumpang termasuk HSC
  - Kapal barang, termasuk kapal berkecepatan tinggi  $\Delta$  GT. 500
  - MODU



SSO (Ship Security officer)

Automatic Identification System (AIS) & Ship Security Alert System (SSAS)

Company Security Officer (CSO)

International Ship Security Certificate (ISSC)



Ship Security Assessment / Plan (SSA & SSP)



Fasilitas Pelabuhan yang melayani kapal yang melakukan pelayaran internasional

2

Port Facility Security Officer (PFSO)



Port Facility Security Assessment/Plan (PFSA & PFSP)

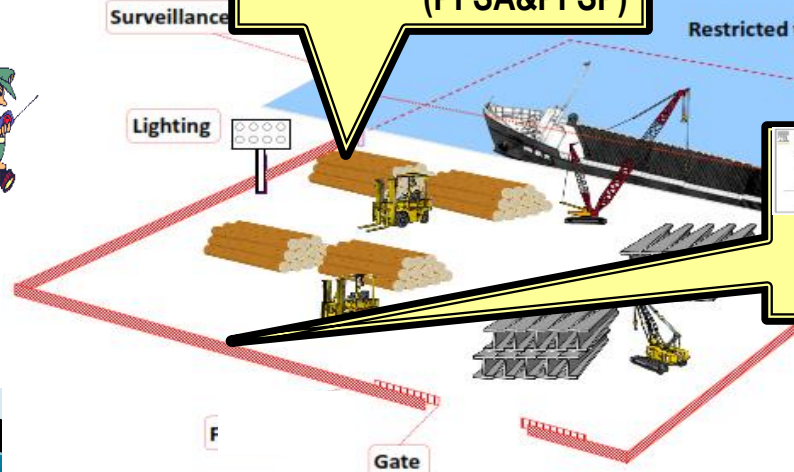
Surveillance

Lighting

Restricted water area

Training Drill Exercise

Statement of Compliance Port Facility (SoCPF)



F

Gate

# ISPS CODE. B.15.11.9

**PENILAIAN KEAMANAN FASILITAS PELABUHAN (PFSA)  
HARUS MEMPERTIMBANGKAN ANCAMAN SERANGAN:**



**NUKLIR**



**KIMIA**



**BIOLOGI**

**Prosedur Mitigasi Harus dituangkan  
dalam Rencana Pengamanan Fasilitas  
Pelabuhan (Port Facility Security  
Plan/PFSP) guna mengurangi  
ancaman & dampak**

**FASILITAS PELABUHAN ISPS CODE COMPLY : 372**

**BELUM ADA FASILITAS  
PELABUHAN YANG  
MELAKSANAKAN  
AKTIFITAS BONGKAR  
MUAT NUKLIR**

# KONDISI SAAT INI.....

6 PELABUHAN LAUT YANG TELAH TERPASANG RADIATION PORTAL MONITOR (RPM):

1. Tanjung Priok, Jakarta
2. Tanjung Perak, Surabaya
3. Batu Ampar, Batam
4. Belawan, Medan
5. Bitung, Sulut
6. Sukarno-Hatta, Makassar

# KONDISI SAAT INI.....

Pemerintah Indonesia (Ditjen Hubla) telah menerima bantuan peralatan dari Pemerintah USA melalui US. Coast Guard

- ▶ 74 Unit Personal Radiation Pagers
- ▶ 4 Unit Radioisotope Identifier

Berfungsi sebagai alat deteksi bahan Nuklir/Berbahaya

Ditempatkan di 36 Unit Pelaksana Teknis (UPT) di seluruh Wilayah Indonesia



# KESIAPAN SDM DITJEN HUBLA

Telah di lakukan pelatihan (Seaport Interdiction) untuk petugas lapangan tentang penggunaan alat sebanyak 45 petugas

Diperlukan kerjasama dengan Bapeten untuk mendidik SDM yang siap menangani Nuklir di Pelabuhan

An aerial photograph of a volcanic eruption. A large, glowing orange and yellow plume of smoke and ash rises from a central vent, forming a massive mushroom cloud that spreads across the sky. The surrounding landscape is a mix of dark, rocky terrain and patches of green vegetation. The foreground shows a sandy area with some low-lying plants. The overall scene is dramatic and powerful.

**TERIMAKASIH ATAS  
PERHATIANNYA !!!**