

# INTERNATIONAL MARITIME ORGANIZATION (IMO)



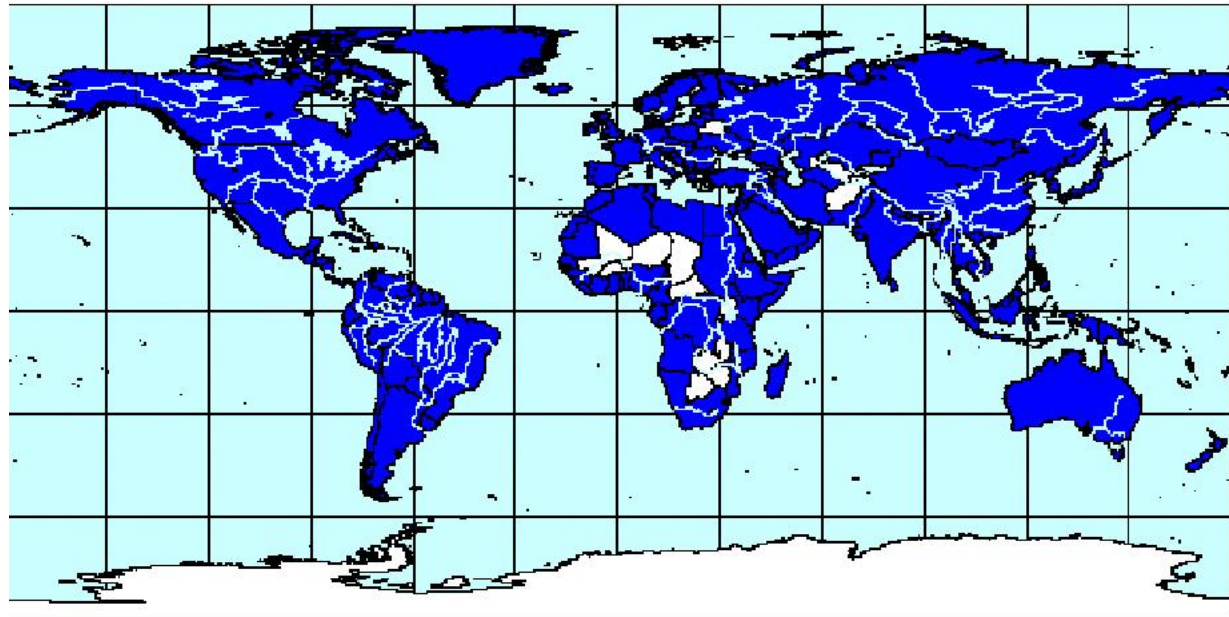


# IMO - Specialized UN Agency

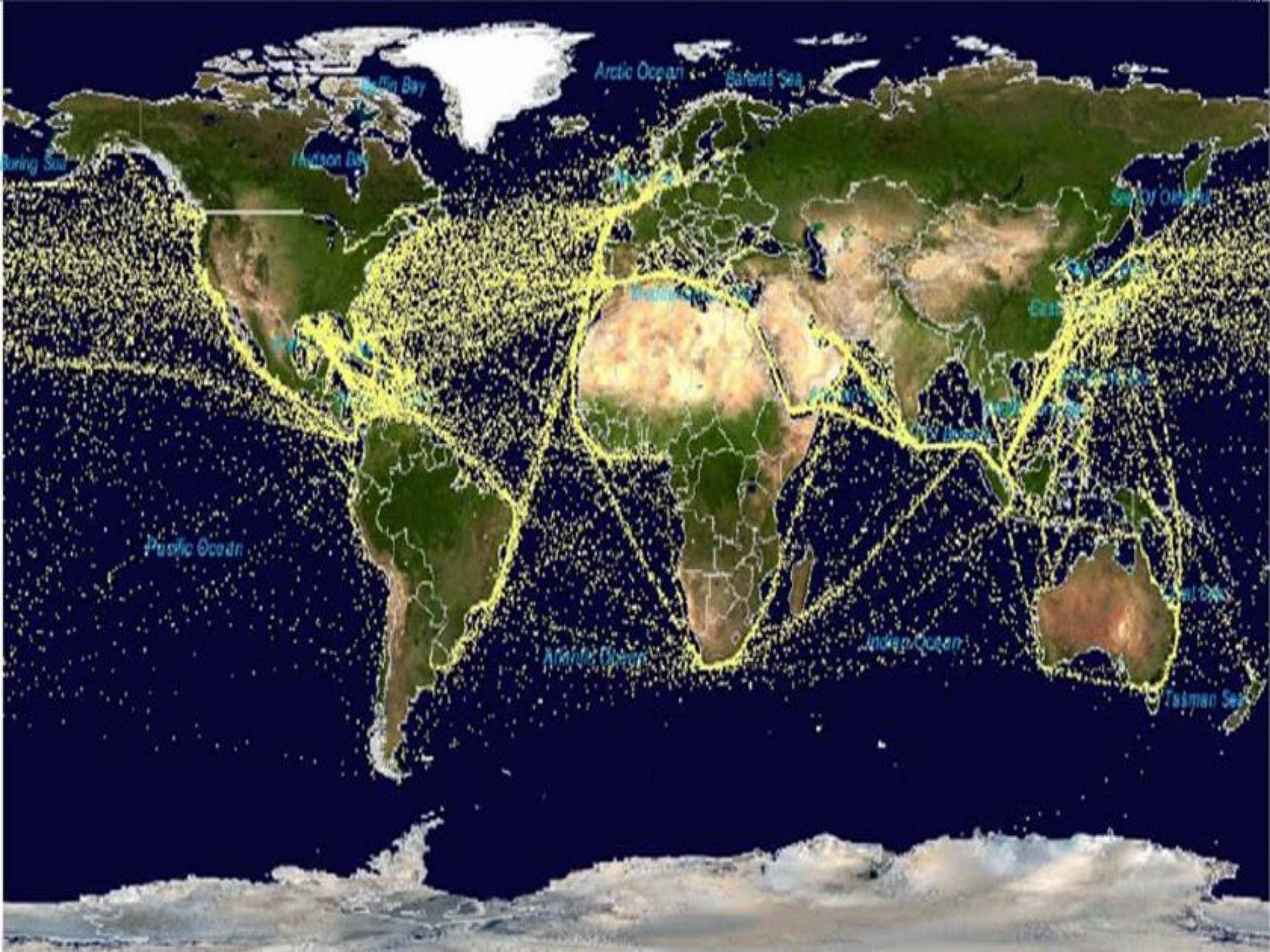
- Established as a specialized UN Agency in 1948
- London Headquarters with less than 300 Secretariat staff
- Membership: 171 Member States and 3 Associates
- Currently 78 NGOs and 63 IGOs
- Assembly: Entire Membership meets every 2 years (29<sup>th</sup> session from 23 November to 4 December 2015)
- Governed by 40 Member Council: meets twice a year
- Budget: £ 30+millions
- **World Maritime Day 2015: Maritime Education and Training**

# Global coverage

- 171 Member States
- All major ship owning nations
- All major coastal states
- IGOs and NGOs







Global Integrated Shipping Information System  
[gisis.imo.org](https://gisis.imo.org)

# Historical perspective

- IMO regulations with reporting requirements
- Input from providers in various formats (email, fax, hardcopy etc.)
- Data stored in disparate off-line databases...
- ... and manually distributed in circular letters
- Selected reports released via IMO website

Needed: Online, centralized system for data  
*collection, processing, and publishing*

# Assembly Resolution 1029

- Urges Member States and intergovernmental organizations to use GISIS for the reporting and transfer of data into the system, as consistent with requirements in international instruments,
- With a focus on compliance with mandatory reporting requirements
- Attention to harmonization of all data, including non-mandatory submissions

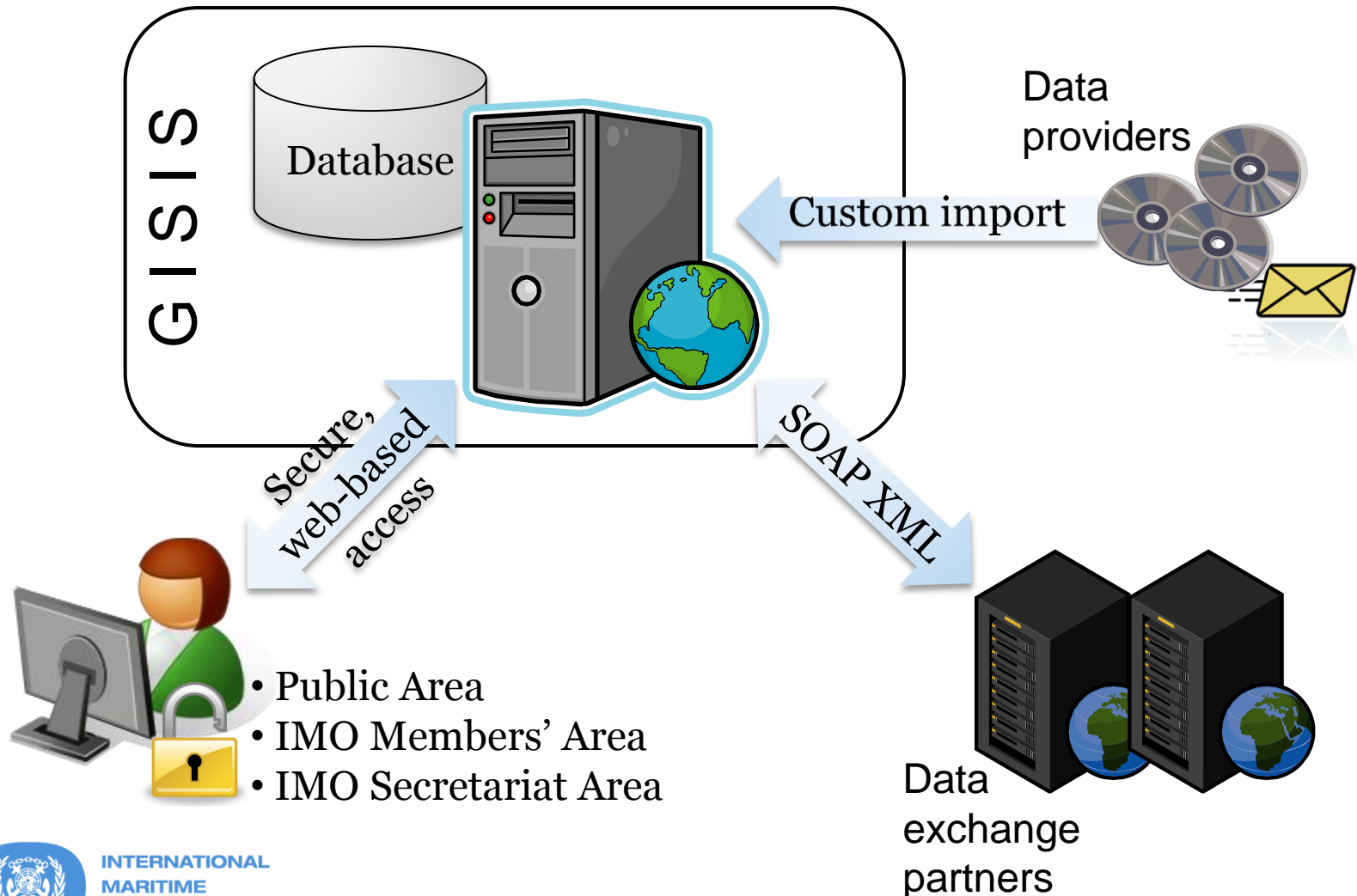


# Assembly Resolution 1074

- Agrees that notification through GISIS is an effective way to fulfil their reporting obligations;
- Urges Member States to use GISIS and to work towards the improvement of the quality of the data being collected;
- Request the Secretary-General to continue developing the system, in close cooperation with international organizations



# System structure



# GISIS Modules- using UN/LOCODE

## Core data

- Countries – Contracting Governments, Territories, Flag Administrations, ISO 3166-3 coded
- Ports – Listing of international ports, **UN/LOCODE coded**
- File storage – Centralized interface for document management

## Live

- **Maritime Security**
- **Port Reception Facilities**
- Marine Casualties and Incidents
- Contact Points
- Recognized Organizations
- Pollution Prevention Equipment
- Condition Assessment Scheme
- Piracy and Armed Robberies
- Stowaways and Illegal Migrants
- **MARPOL Annex VI**
- Communications and SAR
- **LRIT Data Distribution Plan**
- **Port State Control**
- Ship Particulars
- Dangerous Goods Carriage  
(and more...)

## Welcome to the Public Area



### Ship Particulars

Ship identification and particulars.



### Recognized Organizations

Information submitted by Member States under MSC/Circ.1010-MEPC/Circ.382.



### Port Reception Facilities

Data on the available port reception facilities for the reception of ship-generated waste.



### Pollution Prevention Equipment

Pollution prevention equipment required by MARPOL 73/78.



### Facilitation of International Maritime Traffic

Reports on stowaway incidents (FAL.2/Circ.50/Rev.2);  
Reports on unsafe practices associated with the trafficking or transport of migrants by sea (MSC/Circ.896/Rev.1).



### Simulators

Information on simulators available for use in maritime training.



### Condition Assessment Scheme

Electronic database for the implementation of the Condition Assessment Scheme - Resolution MEPC.94 (46), as amended.



### Evaluation of Hooks

Reports on evaluation of hooks according to the Guidelines for evaluation and replacement of lifeboat release and



### Maritime Security

Information communicated under the provisions of SOLAS regulation XI-2/13 (SOLAS chapter X1-2 and the ISPS Code).



### Marine Casualties and Incidents

Data on marine casualties and incidents, as defined by circulars MSC-MEPC.3/Circ.3.



### Contact Points

Electronic database for contact points.



### Piracy and Armed Robbery

Reported incidents of piracy and armed robbery.



### Non-mandatory Instruments

Comprehensive list of non-mandatory IMO instruments relating to safety and security.



### Radiocommunications and Search and Rescue

Information on the availability of Search and Rescue (SAR) Services.



### MARPOL Annex VI

Notifications communicated under the provisions of MARPOL Annex VI (Regulations for the Prevention of Air Pollution from Ships).



### Survey and Certification

Exemptions and equivalents, and specimens of certificates.



# Example: Maritime Security module

- Data on compliance with the ISPS Code
- Unique “IMO Port facility numbers” generated for each port facility using the UN/LOCODE of the port:

“**GBSTO**-0007”

Updated: 2009-02-06 (isps)

## Port Facility Details / United Kingdom

Port: Stornoway (GBSTO)

### Facility Details

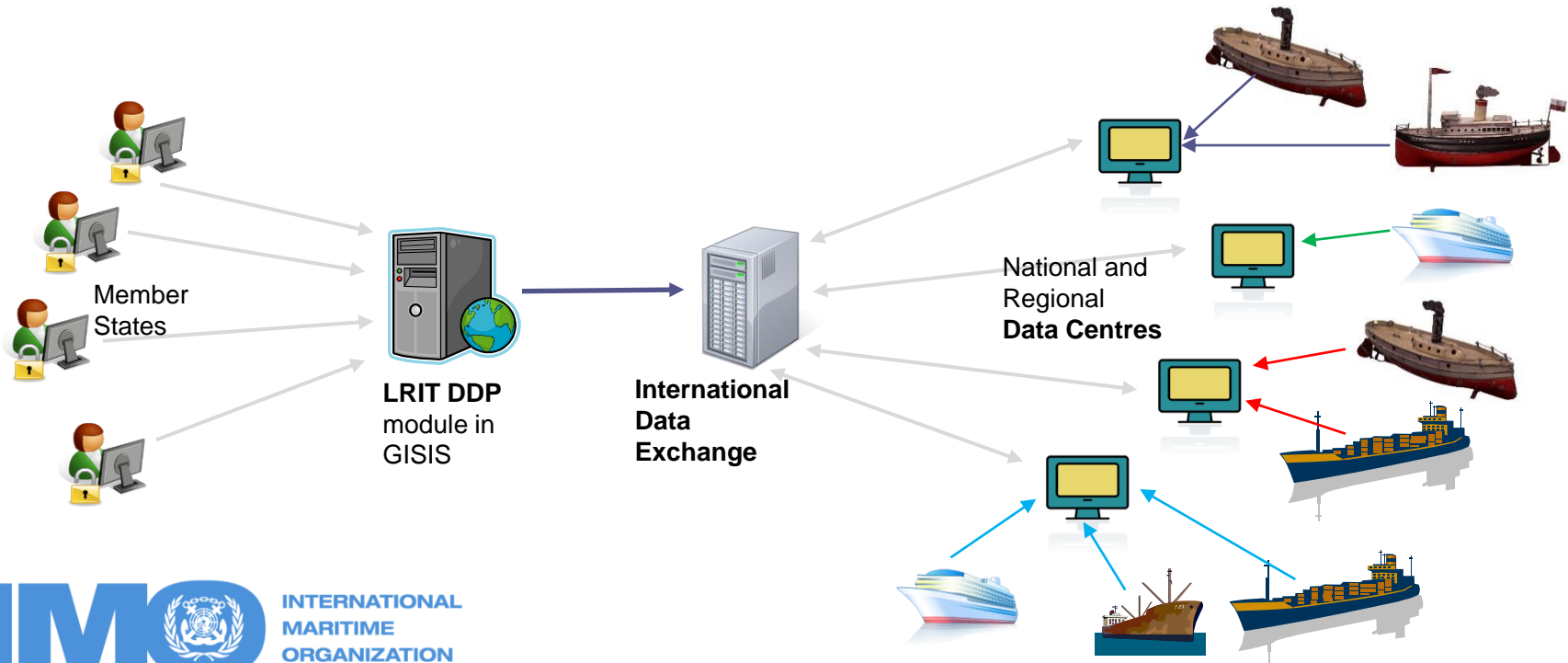
Port facility name:	Ceann a Gharaidh
IMO Port facility number:	GBSTO-0007
Alternative names for this port facility, if applicable:	IMO Port ID 1638
Port facility description:	PAX [Passenger]
Latitude:	0° 00.00' N
Longitude:	0° 00.00' E

### Security Plan

Port facility has alternative security agreements?	No
Port facility has approved equivalent security arrangements?	No
Port facility has approved port facility security plan	Yes

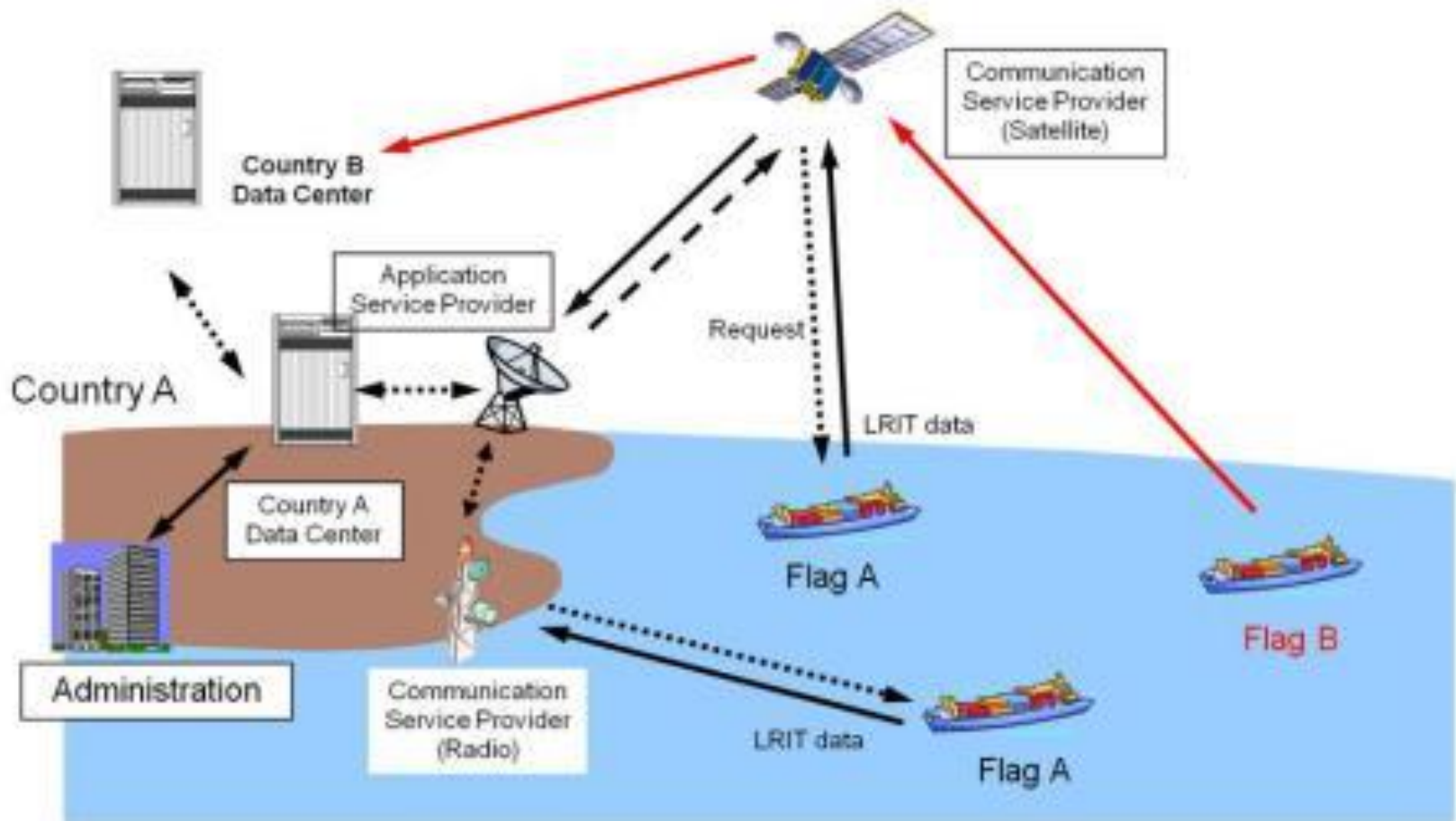
# Example: LRIT DDP module

- Central component of the vessel *Long-range Identification and Tracking* system
- Member States determine rules of permitted data exchange with other Members





# LRIT Configuration



## Data

▸ [Points of Contact](#)

▸ [Geographical Areas](#)

▸ [Locations](#)

[Ports](#)

[Port Facilities](#)

[Places Under Jurisdiction](#)

▸ [SAR Services](#)

▸ [Coastal State Standing Order](#)

▸ [Exclusions](#)

▸ [Authorized Testing ASPs](#)

▸ [LRIT System Components](#)

## Locations / United Kingdom

Note: Locations with incorrect or insufficient information for inclusion in the DDP are displayed in grey.

### Ports

Name	Subdivision Code	Location	UN/LOCODE
Aberaeron		0° 00.00' N 0° 00.00' N	GBABA
Aberdaron	GW	52° 48.00' N 4° 43.00' W	GBADR
Aberdeen			GBABD
Aberdour			GRAYD
Aberdyfi			GB028
Aberystwyth			GBAYW
Aird Ma Ruibhe	AG	57° 42.00' N 7° 11.00' W	GBAMR
Aird Mhor (Ardmhor)	EL	57° 01.00' N 7° 25.00' W	GBADM
Aldeburgh			GBALB
Alderney			GBACI
Alnmouth			GBALM
Alveley			GBAVL
Amble			GBAMB
Ambleside			GBAML
Anasuria		57° 15.00' N 0° 48.00' E	GBANA

# Example: PSC module

- Fulfilling mandatory reporting requirements
- Based on reporting format in IMO instruments
- Data exchange agreements to reduce reporting burden on Member States
  - Live:
    - Mediterranean, Paris, Tokyo, Abuja, Black Sea and Indian Ocean MoUs
- Other international server with PSC data:  
[www.equasis.org](http://www.equasis.org)



# World-Wide Port State Control



**Abuja**

**Black Sea**

**Caribbean**

**Indian**

**Med**

**Paris**

**Riyadh**

**Tokyo**

**Vina  
Del Mar**

# Use of UN/LOCODE by PSC regimes

MoU	Use of UN/LOCODE	special mechanism for non-UN/LOCODE	specific issues for UNECE Conference
Abuja	Yes		
Black sea	Yes	except two of Ukraine: Nikolaev and Ochakov	None
Indian Ocean	Yes	Port Code : 9999 Port Name: Other Flag : ZZ	None
Mediterranean	Yes	-	-
Paris	Yes	few temporary LOCOCODES (not UN LOCOCODES) managed by the EU Safe Sea Net Port-Call system	-
Riyadh	Yes	-	None
Tokyo	Yes	provisional codes are used and marked/highlighted in the list	None
Viña del Mar Agreement	Yes	adopted the procedure recommended by the "Coding Steering Board" and harmonize our databases with the Tokyo MoU	In order to enhance the global harmonized coding, it would be useful for our information systems to be able to call to webservices where the latest versions of these codes are published online with no need for their manual download and migration.
Caribbean			
USCG			



INTERNATIONAL  
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## GISIS: Port State Control

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PSC Reports

### PSC Report / South Africa

[Flag comments](#)

P00440517

1. PSC Authority:	South Africa	6. Call sign:	
2. Name of ship:		8. Deadweight:	
3. Flag of ship:		10. Date of inspection:	
4. IMO Number:		12. Classification society:	
5. Type of ship:		14. Particulars of company:	
7. Gross tonnage:			
9. Year of build:			
11. Place of inspection:	Durban, South Africa (ZADUR)		
13. Date of release from detention:			

#### 15. Relevant certificate(s):

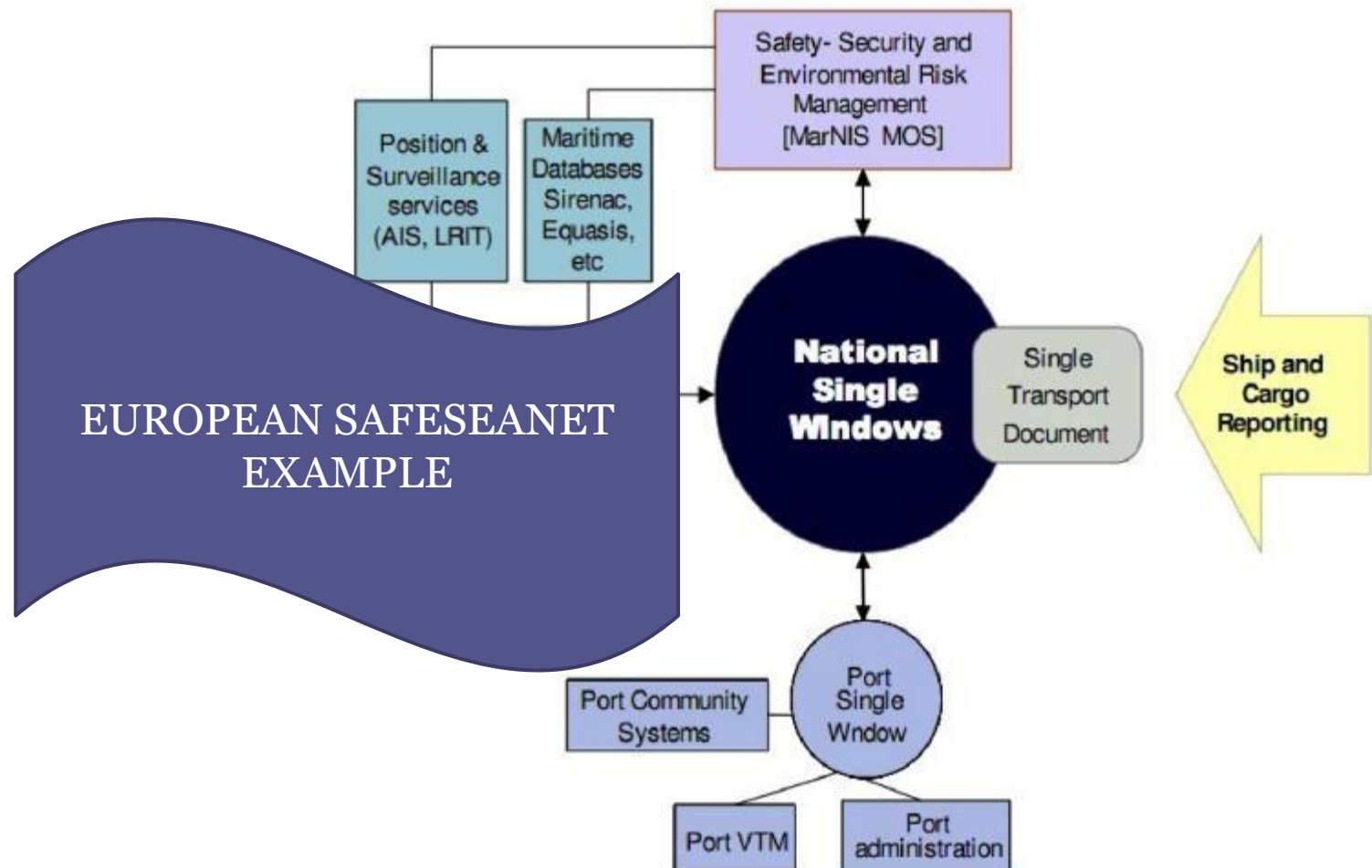
Title	Issued by	Date of issue	Date of expiry	Last Survey	Surveying authority	Survey Place
Cargo Ship Safety Construction						
Cargo Ship Safety Equipment						

# FACILITATION OF MARITIME TRAFFIC

- IMO Compendium on facilitation and electronic business (FAL.5/Circ.40) – UN/EDIFACT

<b>2 Port of Arrival/Departure</b> <b>11. Position in port (berth or station)</b>	<b>SG3</b>	<b>LOC</b>	<b>3227=60 (POA) or 5 (POD)</b>	<b>C517: 3225 (UN/LOCODE )</b>	<b>3224 (location name)</b>	<b>UNECE/Rec.1 6</b>
		<b>LOC</b>	<b>3227=164 (Berth)</b>	<b>C517:3225 (UN/LOCODE)</b>	<b>C519 (Related location one id.): 3223 &amp;/or 3222 (location name)</b>	<b>3223 (First related location id.) may be Local code.</b>
<b>6. Last port of call/Next port of call</b>	-	<b>LOC</b>	<b>3227= 125 (last port of call), 94= Previous port of call, 61=next port</b>	<b>C517: 3225 (UN/LOCODE)</b>	<b>3224 (location name)</b>	<b>UNECE/Rec 16 For Arrival declaration, 3227= 125 or 94.</b>
<b>3 Date and time of arrival/ departure</b>		<b>DTM</b>	<b>C507: 2005= 132 (ETA) 133 (ETD)</b>	<b>C507:2380 in CCYYMMDDH HMM format</b>	<b>2379 = 203 (CCYYMMDDH HMM)</b>	<b>2005=136 (TD), 178 (TA)</b>
<b>7.3 Certificate of Registry: number</b>	<b>SG4</b>	<b>DOC</b>	-	<b>C002:1001= 798 (Certificate of Registry)</b>	<b>C002:1000 (document name) C503:1004 (document id.)</b>	-
<b>7.2 Certificate of Registry: date</b>		<b>DTM</b>	<b>C507: 2005= 259 (Conveyance reg. date)</b>	<b>C507:2380 in CCYYMMDD format</b>	<b>2379 = 102 (CCYYMMDD)</b>	-
<b>7.1 Certificate of Registry: port</b>	-	<b>LOC</b>	<b>3227= 89 (Place of registration)</b>	<b>C517: 3225 (UN/LOCODE )</b>	<b>3224 (location name)</b>	<b>UNECE/Rec. 16</b>

# SINGLE WINDOW CONCEPT





Bilateral meeting between IMO and the World Customs Organisation (WCO), in Brussels (24 February). During the meeting both Organizations shared their experiences on implementation of national single window systems and were updated on IMO's maritime single window prototype project. The meeting also discussed the regular updating of the "IMO Compendium of facilitation and electronic business", following agreement in IMO's Facilitation Committee (FAL 39) that the technical maintenance of the compendium would be carried out by WCO and the revised compendium would subsequently be distributed as a joint IMO-WCO publication.

The compendium aims to encourage the use of modern information and communication technology and, in particular, electronic exchange of information, including Electronic Data Interchange (EDI), to transmit information related to maritime transport. The procedures for the technical maintenance of the IMO Compendium were discussed during the meeting and will be taken forward by the next WCO Data Model Project Team (DMPT) meeting at WCO headquarters in Brussels (9 to 13 March), in which the IMO Secretariat will participate.

# Suggestions for improvement

- Vetting system for entities authorized to request UNECE to add, amend or remove entries
- Partnership for single window concept using UN/LOCODE (Facilitation of maritime traffic)
- Comprehensive harmonization of data, e.g. latitude/longitude coordinates
- Further harmonization among UN agencies on the handling of coding, e.g. ICAO/IMO

# Suggestions for improvement

From the marine environment protection standpoint, UN/LOCODE could be applied to the following:

- Ports (existing)
- Emission Control Area (ECA) (Special Area MARPOL Annex VI)
- Sulphur Emission Control Area (SECA)
- Particularly Sensitive Sea Areas (PSSAs)

# Suggestions for improvement

Continued...

- Ship recycling sites
- Ballast water exchange area
- Special Area under MARPOL Annexes I, IV and V
- Polar Waters – Antarctic Area; Arctic Water

# Suggestions for improvement

Continued...

- Potential users have to be convinced about the utility of such codes for different purposes such as search & rescue; monitoring, conservation; incident response, mapping/routing, environmental protection, etc., which could be encoded into a database, DSS, GIS, sensitivity maps, ENC's., satellite imageries.



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# Thank you

