

INTERNATIONAL MARITIME ORGANIZATION (IMO)



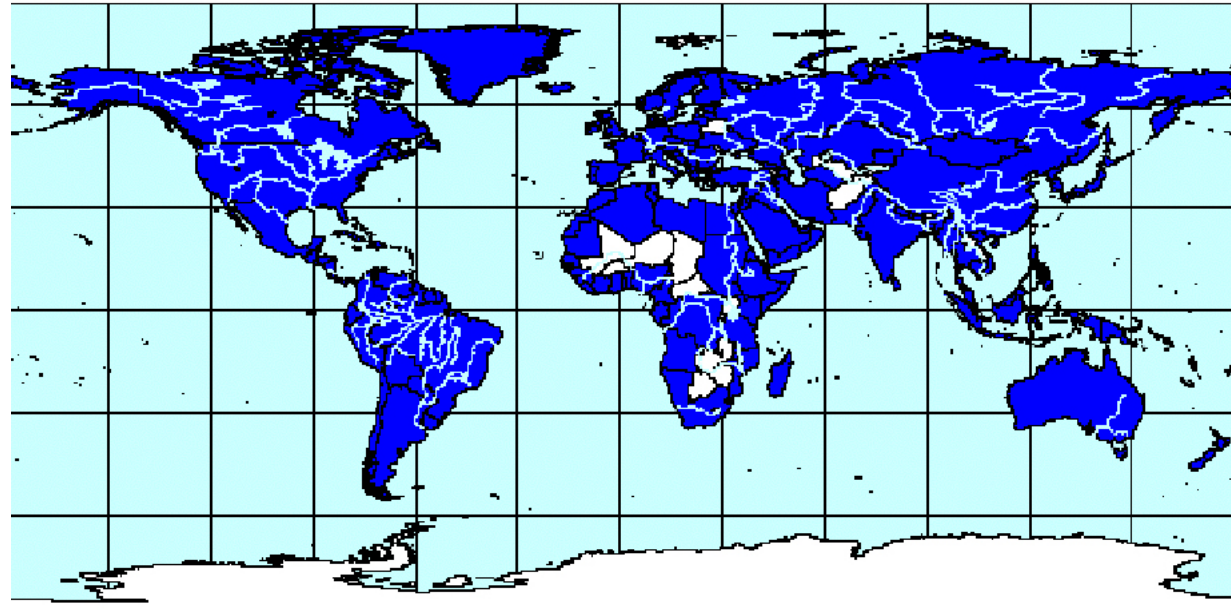


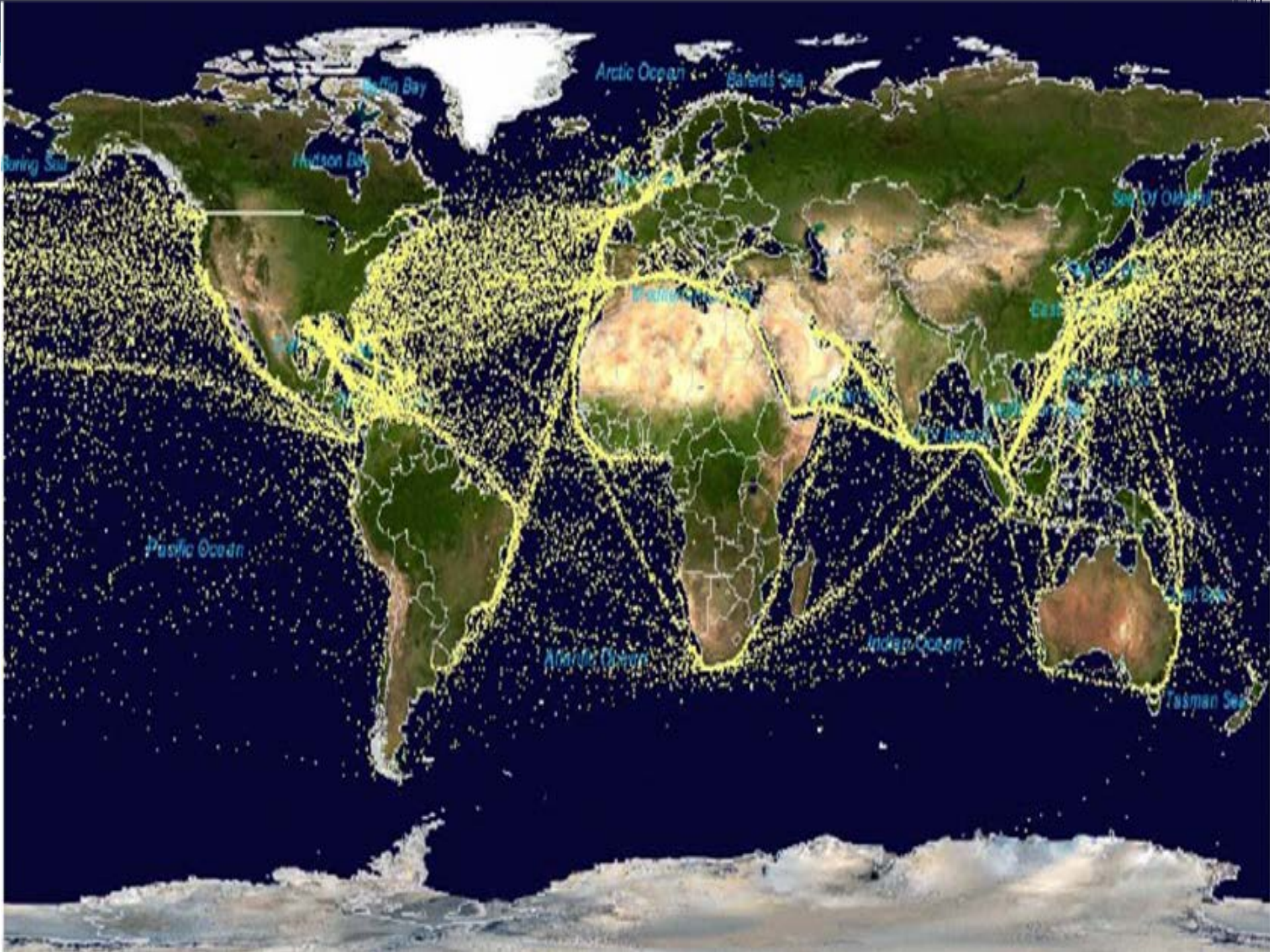
IMO - Specialized UN Agency

- 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 (29th session from 23 November to 4 December 2015)
- Governed by 40 Member Council: meets twice a year
- Budget: £ 30+millions
- **World Maritime Day 2016: Shipping, indispensable to the world**

Global coverage

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





Global Integrated Shipping Information System - GISIS

- 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*

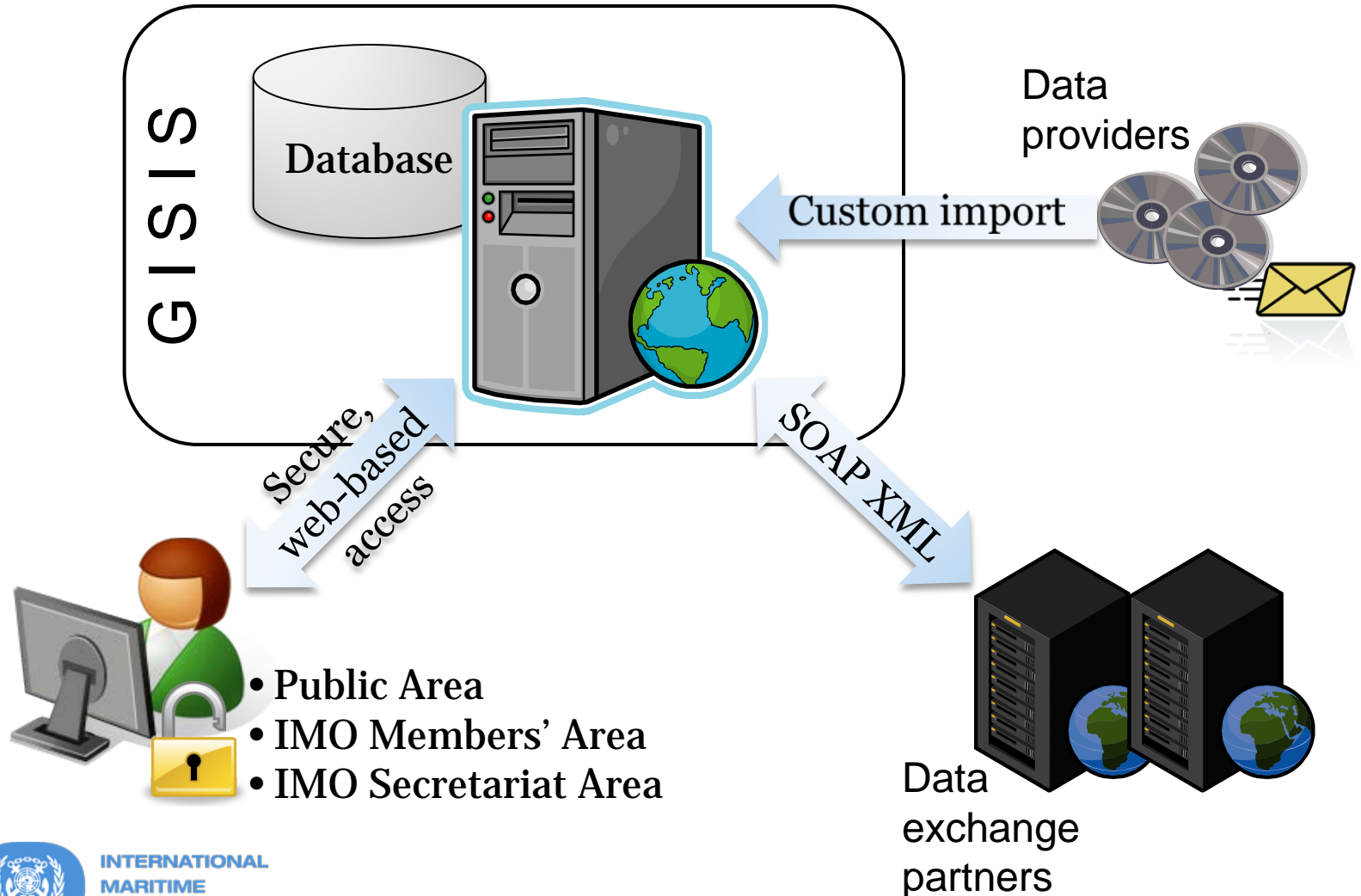
Assembly Resolution 1029

- 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 34 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 Robbery**
- **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

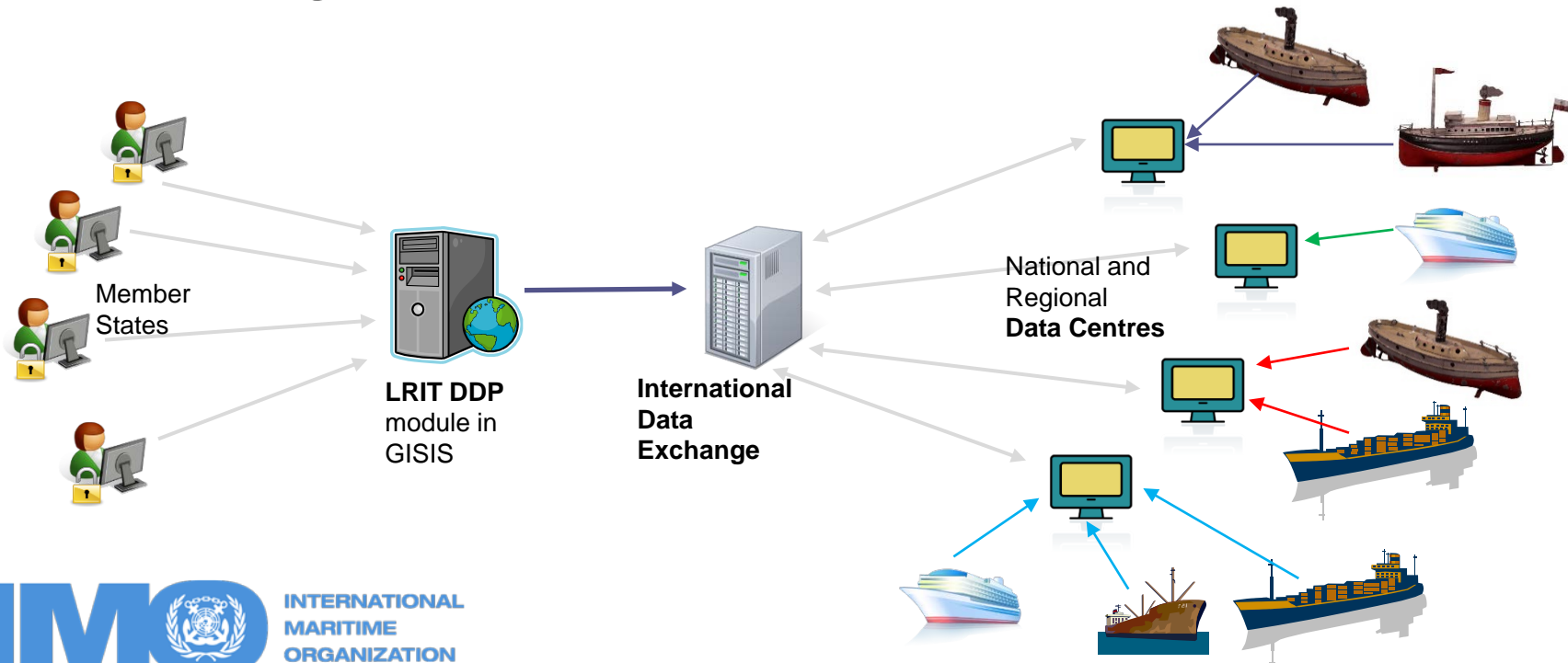
Port facility name:	Ceann a Gharaidh
IMO Port facility number:	GBSTO-0007
Alternative names for this port facility, if applicable:	IMO Port ID 1638
Port facility description:	PAX [Passenger]
Latitude:	0° 00.00' N
Longitude:	0° 00.00' E

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



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.

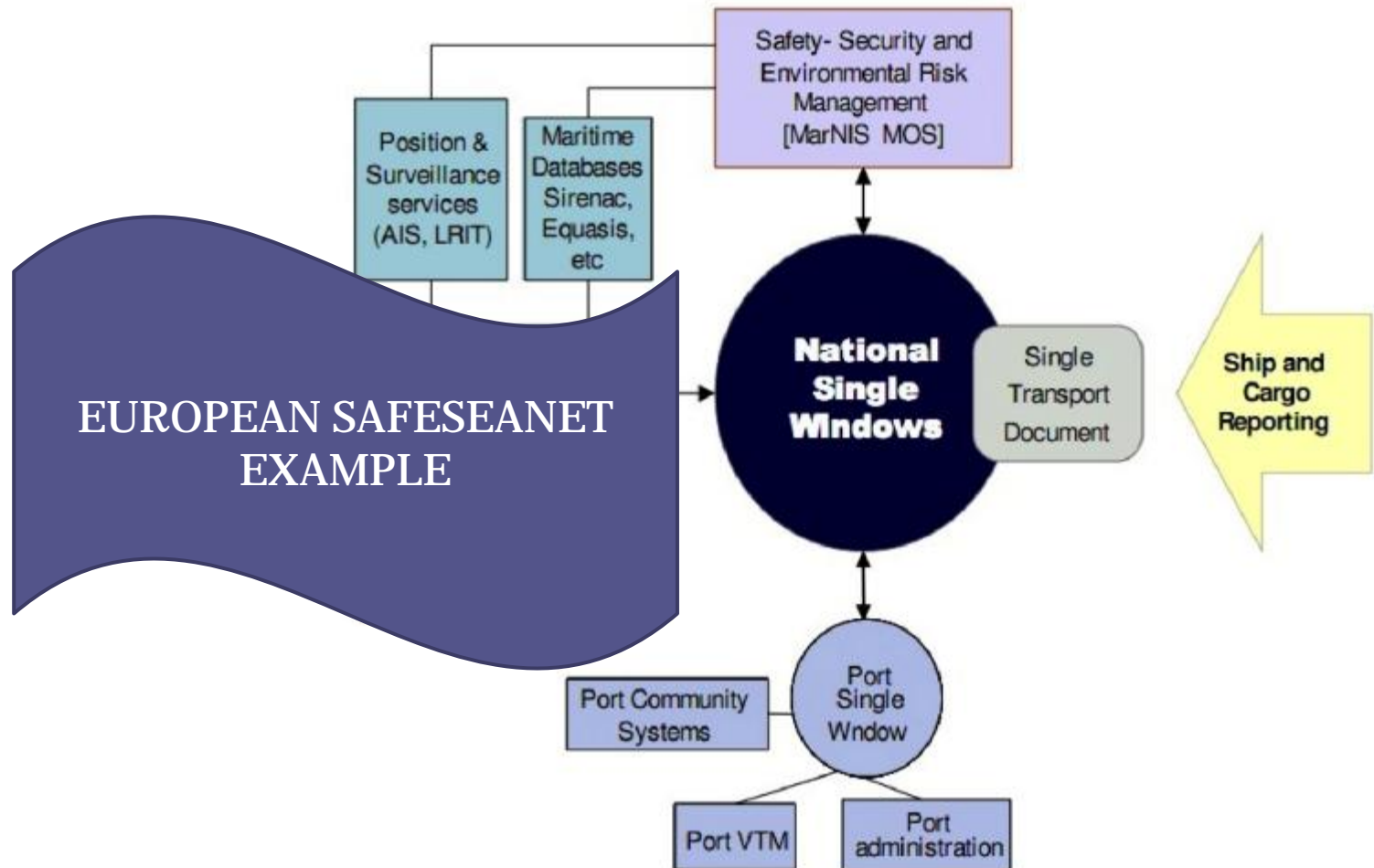
Ports

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			GBAYD
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

Use of UN/LOCODE by PSC regimes

MoU	Use of UN/LOCODE
Abuja	Yes
Black sea	Yes
Indian Ocean	Yes
Mediterranean	Yes
Paris	Yes
Riyadh	Yes
Tokyo	Yes
Viña del Mar Agreement	Yes
Caribbean	work in progress
USCG	No

SINGLE WINDOW CONCEPT



FACILITATION OF MARITIME TRAFFIC

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

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



NEXT STEPS

- **“Medium-term: Automatic updating from UN/LOCODE”:**
UN/LOCODE database exposed via a queryable interface (such as SOAP-based web services, using XML, or similar.)

NEXT STEPS Continued...

- **“Long-term: Deep integration”**
IMO Member States would be able to make changes to the UN/LOCODE database which would be reflected in real-time within GISIS.

Suggestions for improvement

- **Further harmonization among UN agencies:**
 - **FAO** for the Global record for fishing vessels
 - **ILO** for the reporting under the Maritime Labour Convention and the Work in Fishing Convention.

Suggestions for improvement

- **Partnership for single window concept using UN/LOCODE (Facilitation of maritime traffic)**
- **Comprehensive harmonization of data, e.g. latitude/longitude coordinates**

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, ENCs., satellite imageries.

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Thank you

