



Maritime Single Window

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Support : +1 234 567 208

Please note: something ...

an Open Source [Maritime Single Window Project](#) 

coordinated by the IMO [International Maritime Organization](#) 

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IMO Secretary General

Mr. Kitack Lim



- IMO at a glance
- The Facilitation Convention and Facilitation
- Maritime Single Window and Project in Antigua and Barbuda
- Next Steps

Specialized United
Nations agency

Headquartered in
London

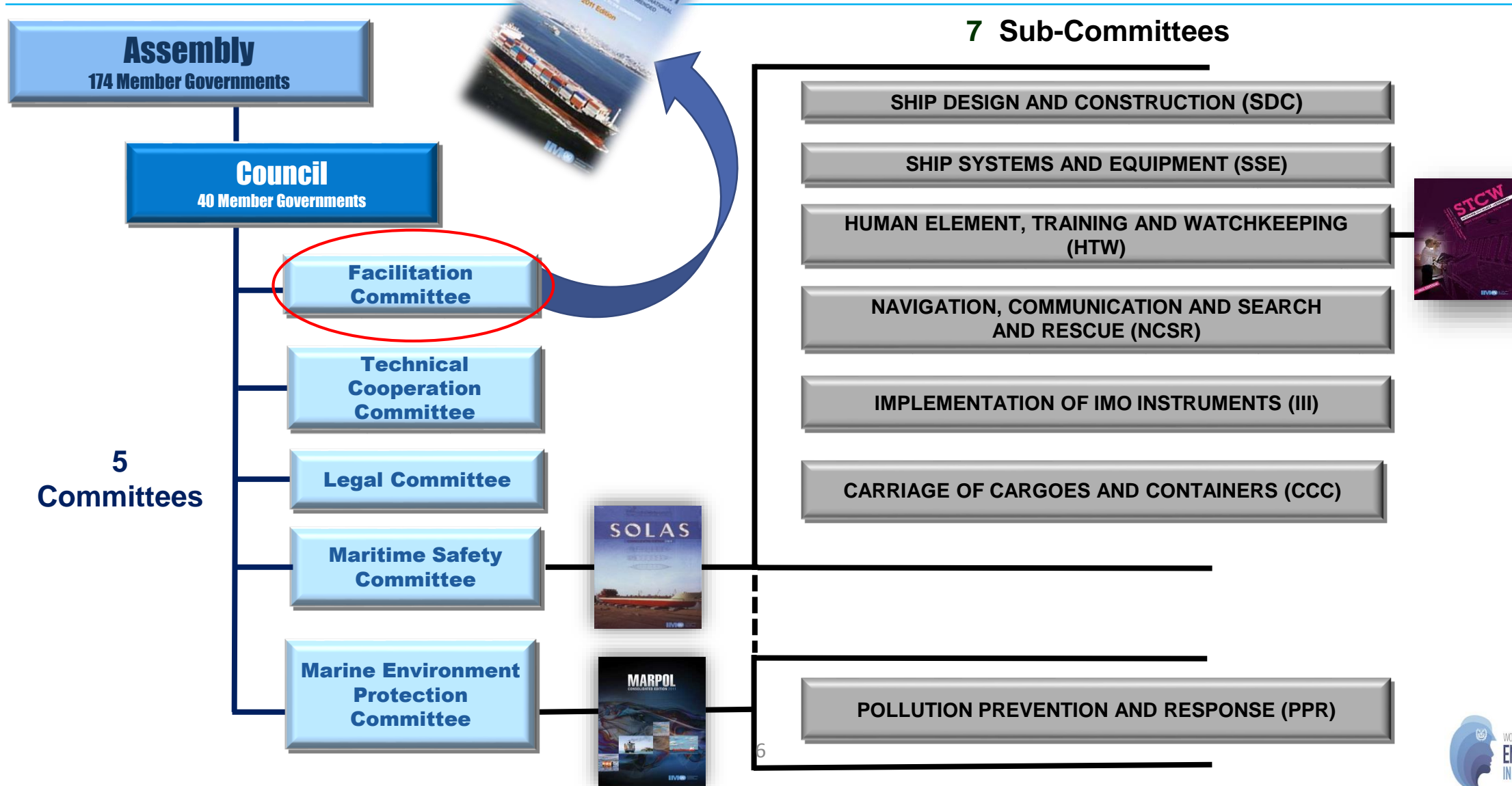
174 Member States +
3 Associate Members
140+ observer
organizations

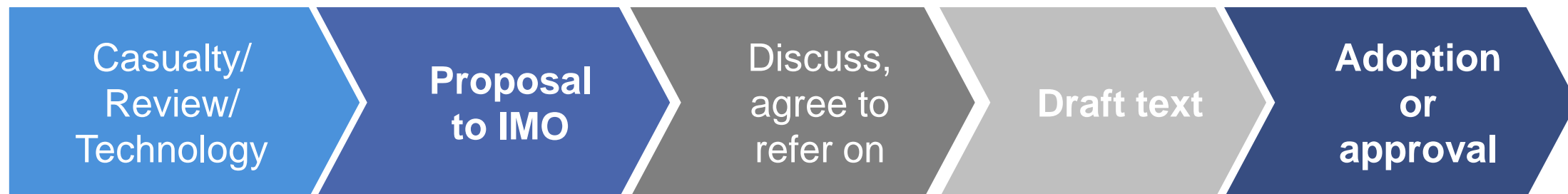
Secretariat of 300+
staff

5 regional offices (Côte
d'Ivoire, Ghana, Kenya,
the Philippines and
Trinidad and Tobago)

- **IMO:** The global standard-setting authority for the safety, security and environmental performance of international shipping
- **ROLE:** To create a regulatory framework for the shipping industry that is fair and effective, universally adopted and universally implemented

***Safe, secure and efficient shipping
on clean oceans!***



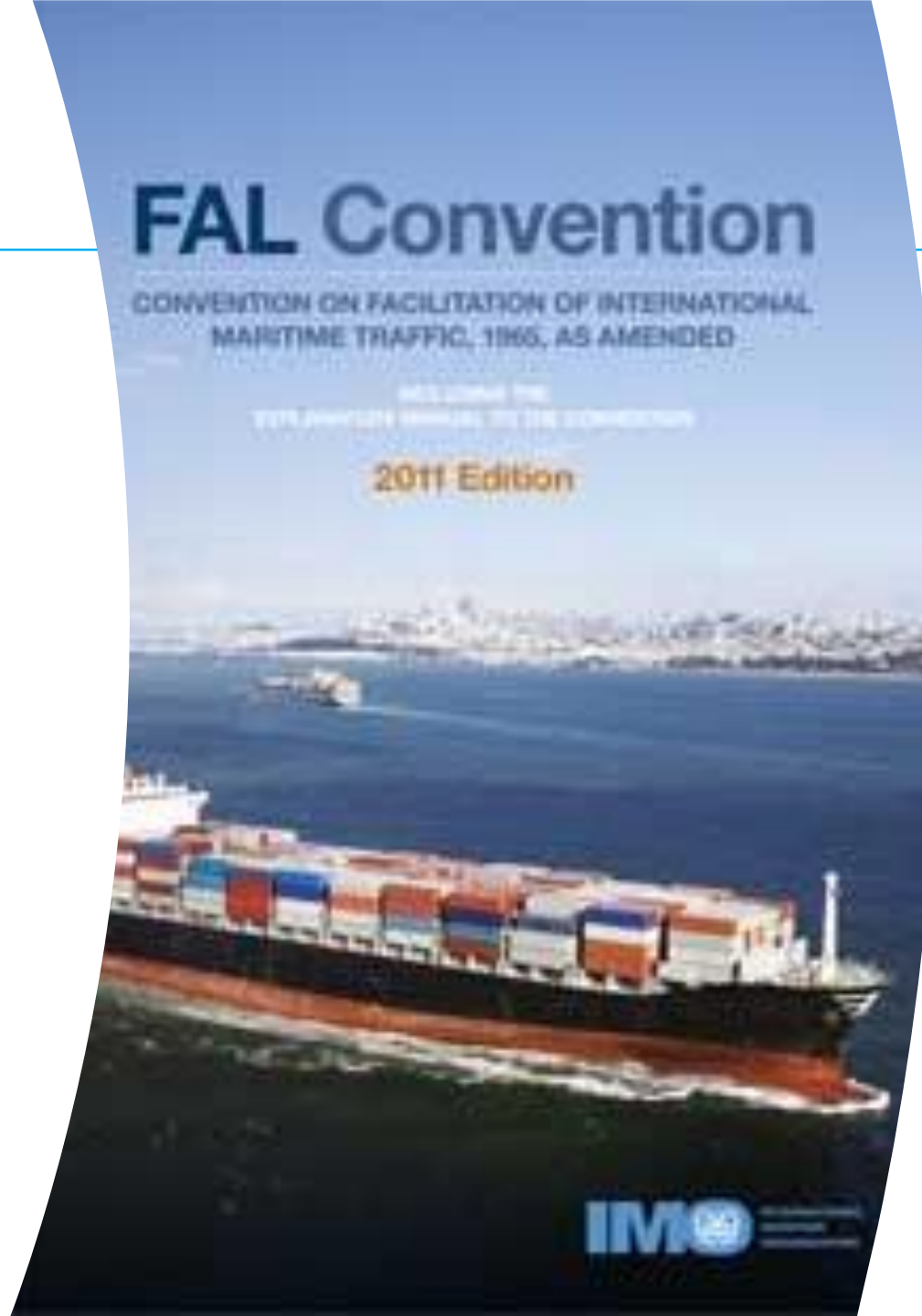


The Facilitation Convention

Aim: "To facilitate maritime transport by simplifying and minimizing the formalities, documentary requirements and procedures associated with the arrival, stay and departure of ships engaged on international voyages."



The Facilitation Convention



- Adopted: 1965, Entered into force: 1967
- Number of Contracting Governments: 123
- World tonnage: 94.93% of the world's fleet
- Scope of application: Does not apply to warships or pleasure yachts. Applies to all ships engaged in international voyages
- Structure: Includes provisions related to ships, crews, passengers, baggage and cargo

The Facilitation Convention

PARTIES TO THE FACILITATION CONVENTION			
Argentina	The Bahamas	Barbados	Brazil
Chile	Colombia	Cuba	Dominican Republic
Ecuador	El Salvador	Guyana	Honduras
Mexico	Nicaragua	Panama	Peru
Suriname	Trinidad and Tobago	Uruguay	Venezuela

The Facilitation Convention

IMO FAL Forms for Ship Clearance:

- IMO General Declaration (FAL form 1)
- Cargo Declaration (FAL form 2)
- Ship's Stores Declaration (FAL form 3)
- Crew's Effects Declaration (FAL form 4)
- Crew List (FAL form 5)
- Passenger List (FAL form 6)
- Dangerous Goods (FAL form 7)

[illegible]

			Arrival	Departure	Page Number
1.1 Name of ship			1.2 IMO number		
1.3 Call sign			1.4 Voyage number		
2. Port of arrival/departure			3. Date of arrival/departure		
4. Flag State of ship			5. Last port of call		
6. No.	7. Family name, given names	8. Rank or rating	9. Nationality	10. Date and place of birth	11. Nature and number of identity document
12. Date and signature by master, authorized agent or officer					

The Facilitation Convention

Facilitation Convention aims at international standards for reducing barriers to ship clearance



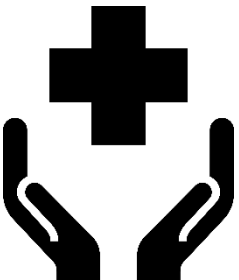
Standardized FAL Forms



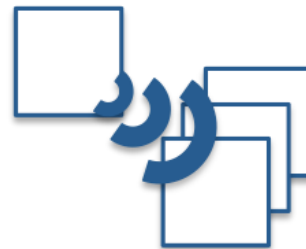
Identity Standards of
Crew and Passengers



Prevention and Management of
Stowaway Cases



Public Health and
Quarantine



Electronic Exchange of
Information

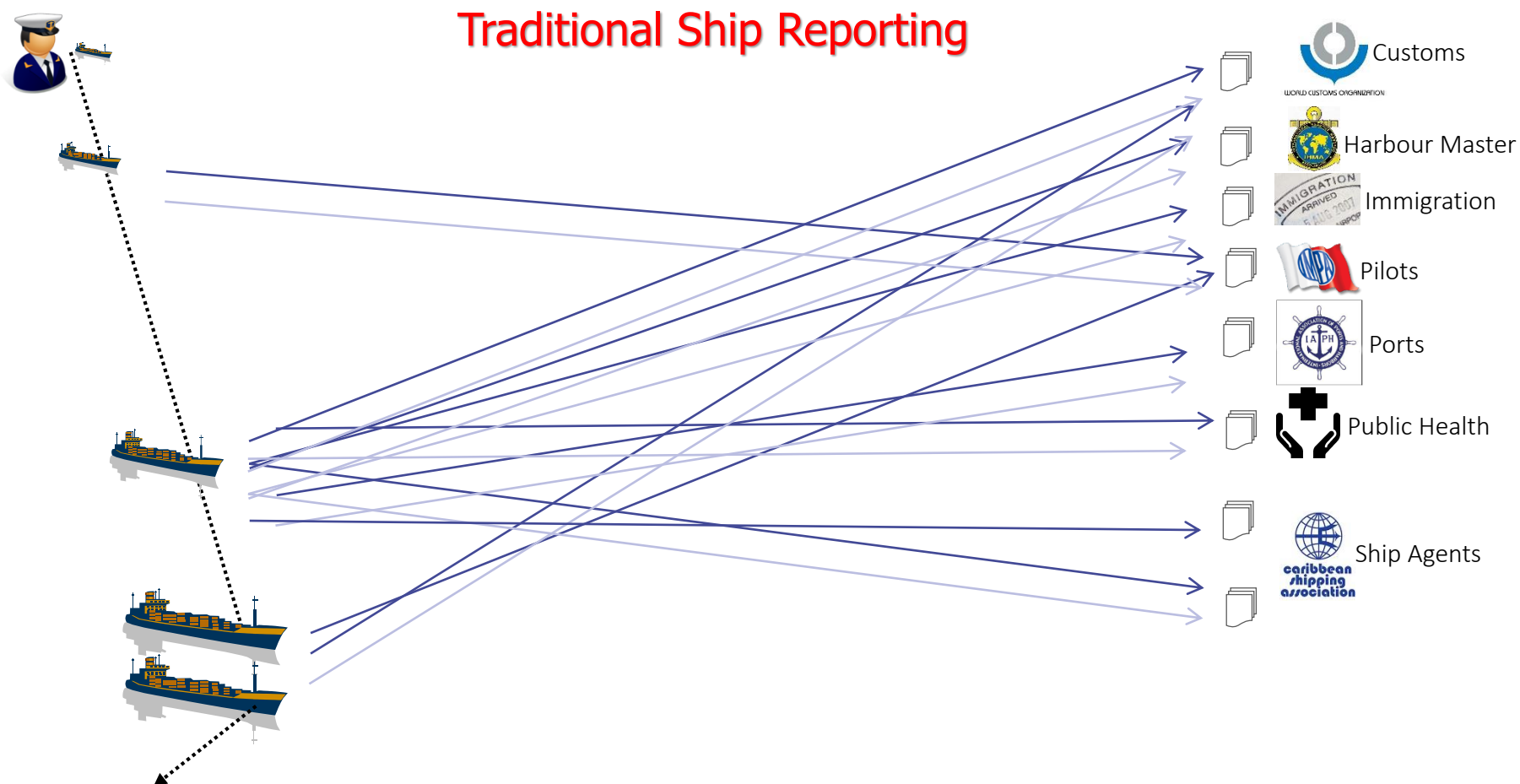


Maritime Single Window

The Facilitation Convention



- Amendments adopted in **2016**
- Entered into force in **2018**
- **Mandatory** establishment of systems for the electronic exchange of information from **8 April 2019**
- Transition period of not less than 12 months (paper and electronic)
- States are encouraged to implement Single Window Systems
- Exchange data with internationally recognised standards (UN/EDIFACT, XML, etc.)

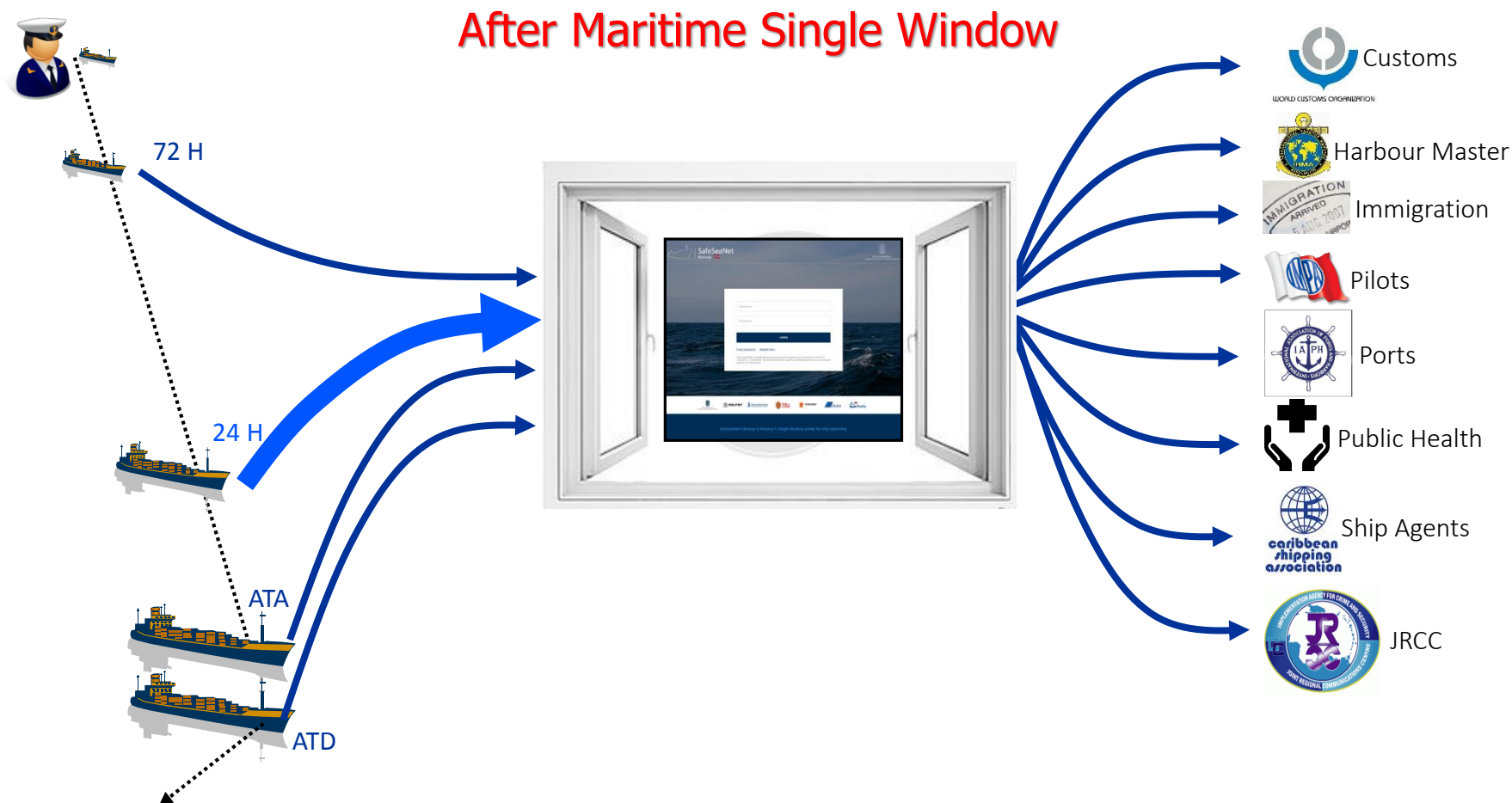


- Unnecessary paperwork, non-harmonious procedures always reduces productivity leading to increased costs
- Harmonising and simplifying trade documents would reduce trade costs by 3%
- Documentation, customs requirements, lengthy procedures can increase costs by up to 24% of the value of the goods traded
- The potential cost reduction of a comprehensive trade facilitation reform is 10% to 14.5%



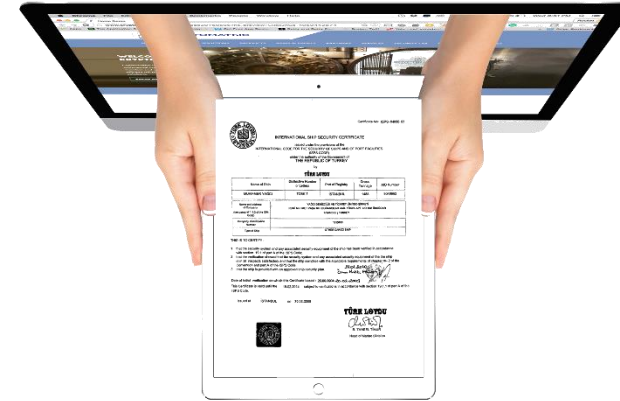
Maritime Single Window

Maritime Single Window



Maritime Single Window Project

- Project funded by the Norwegian Ministry of Trade, Industries and Fisheries
- The project established a Maritime Single Window (MSW) in Antigua and Barbuda, based upon SafeSeaNet Norway (SSNN)
- MSW for maritime transport, electronic ship clearance
- The collection of information through the National Maritime Single Window
- The distribution of the information to the relevant stakeholders



Maritime Single Window Project



Financial
&
In-kind Support



Coordination



SafeSeaNet
Norway 



Recipient

Concept paper agreed July 2017

Initial planning September 2017

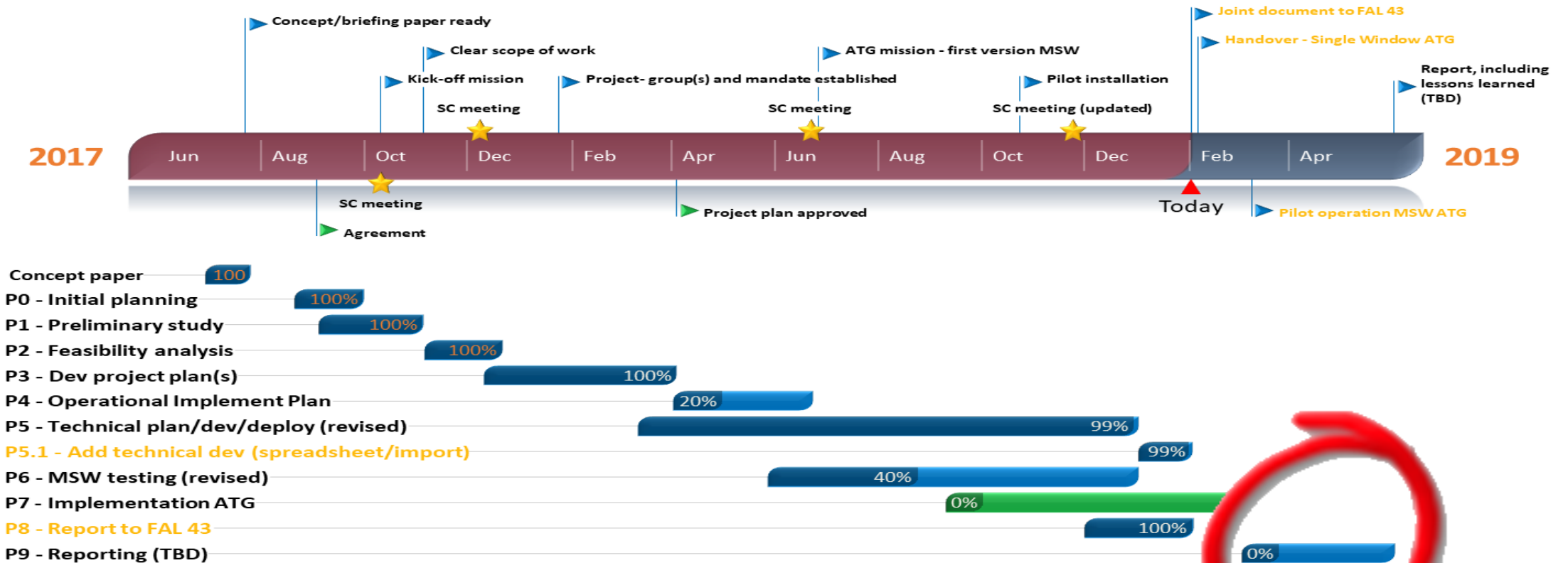
On island analysis October 2017

Pilot installation October 2018

Goal Achieved: Fully functional MSW in April 2019

Maritime Single Window Project

Single Window Antigua & Barbuda High level phase overview and milestones



Maritime Single Window Project

Cross cutting issues:

- Existing information was shared and investigated
- Duplication was avoided
- Integration with other systems may be a possibility in the future



 SeaClear

ASYCUDA


SailClear

MSW Interface

Electronic Advanced Passenger Information System (e-APIS)													IMO Maritime Single Window		
Cruise ID		Vessel Name		Depart. Date & Time		Dep. Port		Arrival Date & Time		Arrival Port					
#REF!		#REF!				#REF!				#REF!					
CREW LIST															
SrNo	Personal Information						Passport Information			Travel Information (2 Lett ISO City Code and 3 Lett UNLOCode Seaport Code no spaces)			Maritime Single Information (extended to comply with FAL form 4 and 5)		
	Last Name	First Name	Middle Name	Nationality (ISO 3 Lett Country Code)	Sex (M or F)	Date of Birth (yyyy/mm/dd)	Document Number	Country of Issue (ISO 3 Lett Country Code)	Date of Expiry (yyyy/mm/dd)	Port of Embarkation	Port of Debarcation	Port of Clearance	Rank or rating	Place of birth	Effects ineligible for relief from customs duties and taxes or subject to prohibitions or restrictions
1	Hauge	Jarle		NOR	M	1964.04.27	AB34899	NOR	2022.04.27	NOHAU	NOBGO	NOHAU	Captain	Haugesund	1 laptop, 2 mobile phone, 1 hand watch, 1 HDD, 1 PS4 w/ 2 pads, PE
2	MOELLER	TOMMY		nor	M	1972.03.24	B0113064	nor	2021.12.12	NOHAU	NOSVG	NOBGO	Master	Rostock	1 laptop, 1 cell phone, 1 HDD, Wirst watch, PE
3	ADITYA	AFDI SAHARA		swe	M	1989.04.02	P2108065A	swe	2021.11.11	NOHAU	NOSVG	NOBGO	Cabin Steward	BANJARNEGARA	1 laptop, 2 mobile phones, 1 HDD, PE
4	ADRIANO	ROBERTO	ask	usa	M	1969.06.25	C1N2HG6FP	usa	2021.10.12	NOHAU	NOSVG	NOBGO	orekeeper Provisi	Manila	2 mobile phone, 1 wrist watch, 1HDD, P/E
5	AHNFELD	THOMAS		nor	M	1987.07.02	ZC6611084	nor	2021.12.12	NOHAU	NOSVG	NOBGO	stgeber Kids & Te	Rostock	2 mobile phones, 1 HDD, 1 laptop, PE
6	AIGNER	KATHRIN		DEU	F	1982.10.16	P2235540A	DEU	2021.01.01	NOHAU	NOSVG	NOBGO	Galerist	Hattingen	4 HDD, 1 laptop, 2 USB, 1 wrist watch, 2 mobile phones, 2 torch light
7	ALAMSYAH	RUDI		nor	M	1991.10.07	ZC3554484	nor	2021.12.12	NOHAU	NOSVG	NOBGO	Utility Galley	bekasi	1 laptop with charger, 1 wrist watch
8	ALDAY	OLIVER		swe	M	1980.10.13	ZC5031023	swe	2021.11.11	NOHAU	NOSVG	NOBGO	Cabin Steward	San Juan Bat	2 mobile phones, 1 digital camera, 1 USB flash drive, 1 wrist watch, P/E
9	ALI	MUHAMAD AWOD BN A	ask	usa	M	1988.07.04	P2303131A	usa	2021.10.12	NOHAU	NOSVG	NOBGO	B Assistant Stew	PURWAKARTA	1 mobile phone, 1 HDD, PE
10	ALIPOS	FEDERICO JR		nor	M	1977.10.22	C1CK4NMNC	nor	2021.12.12	NOHAU	NOSVG	NOBGO	Plumber	JIMENEZ MIS OC	2 cell phone, 1 HDD, 1 silver necklace, PE

Crew List | Passenger List | Ship Stores Declaration

MSW Interface

Electronic Advanced Passenger Information System (e-APIS)													IMO Maritime Single Window		
Cruise ID		Vessel Name		Depart. Date & Time		Dep. Port		Arrival Date & Time		Arrival Port					
#REF!		#REF!				#REF!				#REF!					
PASSENGER LIST															
SrNo	Personal Information						Passport Information			Travel Information <small>Left ISO Ctry Code and 3 Left UNLOC Code Shipport Code no spaces</small>			Maritime Single Information <small>(extended to comply with FAL form B)</small>		
	Last Name	First Name	Middle Name	Nationality <small>(ISO 3 Left Country Code)</small>	Sex <small>(M or F)</small>	Date of Birth <small>(yyyy/mm/dd)</small>	Document Number	Country of Issue <small>(ISO 3 Left Country Code)</small>	Date of Expiry <small>(yyyy/mm/dd)</small>	Port of Embarkation	Port of Debarcation	Port of Clearance	Visa number if appropriate	Place of birth	Transit passenger or not
1	Hauge	Ståle		NOR	M	1961.03.03	CB9874256	NOR	2022.03.03	NOHAU	NOBGO	NOHAU	78912345	Haugesund	Transit
2	ABDEL KADER	DALIAH VIRGINIE		deu	m	1976.12.12	C1N2HG6FP	deu	2021.12.12	NOOSL	NOSVG	NOBGO	11111	Leipzig	
3	ACHNITZ	CAROLA		deu	m	1976.12.12	P2235540A	deu	2021.12.12	NOHAU	NOSVG	NOBGO	11111	Bonn	Transit
4	ADEBAHR	PETRA		deu	m	1976.12.12	ZC3554484	deu	2021.12.12	NOHAU	NOSVG	NOBGO	11111	Hamburg	Transit
5	ADEBAHR	SONJA		deu	m	1976.12.12	ZC5031023	deu	2021.12.12	NOHAU	NOSVG	NOBGO	11111	Itzehoe	Transit
6	ADEBAHR	ANJA		deu	m	1976.12.12	P2303131A	deu	2021.12.12	NOHAU	NOSVG	NOBGO	11111	Itzehoe	
7	ADEBAHR	MANFRED		deu	m	1976.12.12	C1CK4NMNC	deu	2021.12.12	NOOSL	NOSVG	NOBGO	11111	Glueckstadt	Transit
8	AEPLINIUS	HELGA		deu	m	1976.12.12	P2163031A	deu	2021.12.12	NOHAU	NOSVG	NOBGO	11111	Rostock	Transit
9	AEPLINIUS	ECKHARD		deu	m	1976.12.12	P3010018A	deu	2021.12.12	NOHAU	NOSVG	NOBGO	11111	Jueterbog	
10	AKALAY	DEMIR		deu	m	1976.12.12	P2154211A	deu	2021.12.12	NOHAU	NOSVG	NOBGO	11111	Frankfurt Am.M.	Transit

IMO Maritime Single Window													
SHIP STORES DECLARATION													
IMO FAL Form 3													
Name of article				Quantity				Location on board					
Frozen meat				55				Provision Room, Bond Store					
Poultry				22				Provision Room, Bond Store					
Sausage				2000				Provision Room, Bond Store					
Bacon				30				Provision Room, Bond Store					
Fish				55				Provision Room, Bond Store					
Butter				22				Provision Room, Bond Store					
Margarine				2000				Provision Room, Bond Store					
Rice				30				Provision Room, Bond Store					
Vegetables				55				Provision Room, Bond Store					
Fruits				22				Provision Room, Bond Store					
Eggs				2000				Provision Room, Bond Store					
Bread				30				Provision Room, Bond Store					
Sugar				55				Provision Room, Bond Store					
Caffee				22				Provision Room, Bond Store					
Tea				2000				Provision Room, Bond Store					
Spiritous				30				Bonded Store					
Red Wine				66				Bonded Store					



MSW Interface

VIEW PORT CALL

Ship Information

	Ship Name: Norwegian Dawn	Call Sign: C6FT7	IMO no.: 9195169	MMSI no.: 311307000	Gross Tonnage: 90000	Length: 294	Ship Type: Passenger (Cruise) Ship	Ship Status: Active
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Ship Contact Information

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Location Information

	Location Name: Saint John's	Location Code: AGSJO	Location Type: Harbour	ETA: 2019-02-04 08:00	ETD: 2019-02-04 17:00
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Previous Port of Call Information

Location Name: Castries	Location Code: LCCAS	ETD: 2019-02-03 17:00
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Next Port of Call Information

Location Name: Philipsburg	Location Code: SXPHI	ETA: 2019-02-05 08:00
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Crew, Passengers and Dimensions

No. of Crew 102	No. of Passengers 946	Actual Draught 38	Air Draught 38
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Selected Purposes

Bunkering

Cruising

Lay Up

Ship Stores Info - Total Entries Reported: 0 - Total weight : 0 - Total Volume: 0 - Total Units: 0

<

Crew Info - No. of Crew: 0

<

Passenger Info - No. of Passengers: 0 - No. of Passengers in Transit : 0

<

Created By



Maritime Single Window Project

Achievements:

- Compliance with IMO FAL mandatory e-exchange of information
- Faster services
- Less congestion in the port area
- Improved collection of port dues and charges
- Fewer human errors
- Possibility of integration with regional data sharing



Information on the Generic System

- Open Source implementation
- Source code, basic documentation and Wiki information on the project and system is found on GitHub
- Project may encourage other Caribbean states to implement a MSW
- IMO MSW available @ <https://github.com/Fundator/IMO-Maritime-Single-Window>

Next Steps

- Creating linkages with ASYCUDA and the JRCC's Advance Passenger Information System (APIS) and Advance Cargo Information System (ACIS)
- IMO to replicate the generic MSW system, which has been custom-designed for SIDS without a MSW
- Technical assistance towards implementation available through Mr. Julian Abril, Head Facilitation JAbril@imo.org
- [Link for additional information](#)



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