

TECHNOLOGY ADVANCEMENT AND THE ROLE OF THE INTERNATIONAL MARITIME ORGANIZATION

Digital Ship
Maritime CIO Forum @ Cayman
Maritime Week



Cayman Islands
4 May 2016



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Secretary General

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Overview

- Technology Standards at IMO
- IMO's Mandate
- How IMO Works
 - Process at IMO
 - Structure of IMO
- The ITCP
- Support to the Caribbean



Global Mandate



Technological Standards at IMO

- e-Navigation - Strategy Implementation Plan (SIP) *MSC 85/26/Add.1 Annex 20*
- Electronic Chart Display and Information System (ECDIS)
- Facilitation
 - Electronic data exchange
 - Single Electronic Window (SEW)
 - Cybersecurity
 - Electronic certificates
- Energy Efficiency Design Index (EEDI)

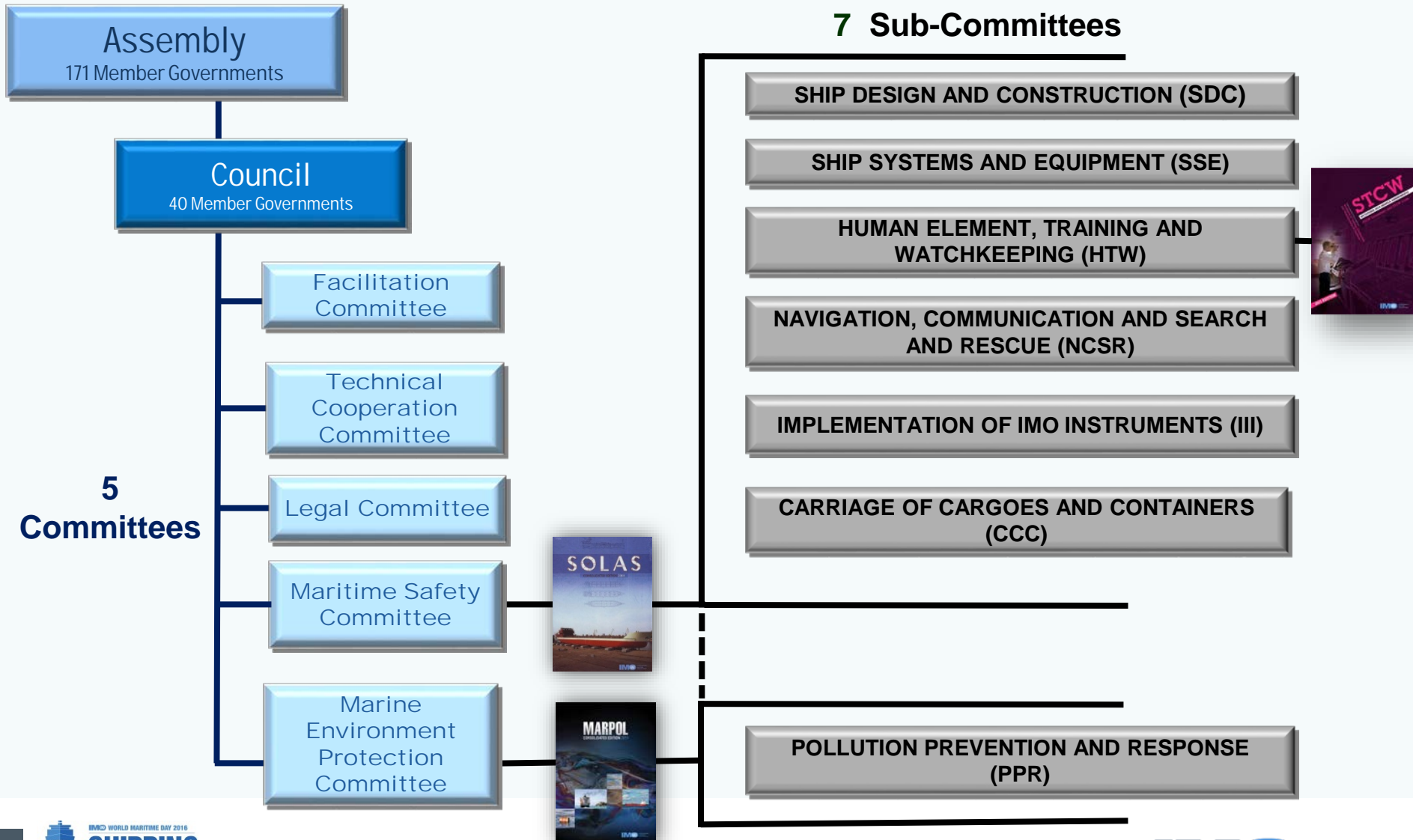
Process at IMO



Proposals for new, or amendments to existing, mandatory instruments - a compelling need for such amendments should be demonstrated by the proponent(s) and an analysis of the implications of such amendments...

particularly those with far-reaching implications and consequential proposals for other amendments, having regard to the costs to the maritime industry, the legislative and administrative burdens involved and benefits which would accrue therefrom, should be provided.....

Structure



The Integrated Technical Cooperation Programme

ITCP – Rationale & Mandate

- The International Maritime Organization (IMO) is the United Nations (UN) system's regulatory agency for the maritime sector
- Global mandate is "safe, secure, environmentally sound, efficient and sustainable shipping through cooperation"
- Pursues that mandate by adopting international maritime rules and standards that are then implemented and enforced by Governments in the exercise of flag, port and coastal State responsibilities
- IMO's rules and standards are accepted by Governments and the global shipping industry because they provide a single, universal framework governing maritime operations and ensure the efficient, safe and environmentally friendly carriage of global trade

ITCP – Rationale & Mandate

- Many developing countries cannot yet give full and complete effect to IMO's instruments
- Established an Integrated Technical Cooperation Programme (ITCP)
- By fostering capacity-building in the maritime sector, the ITCP helps countries to ensure safe, secure and effective shipping services and protect their waters and coasts from the environmental degradation caused by ships and other maritime-related activities
- IMO's technical cooperation programme contributes, therefore, to sustainable socio-economic development

ITCP – Vision & Strategy (Key Principles)

- Ownership of the project development and implementation process rests with the recipient countries themselves
- IMO's regulatory priorities are systematically integrated into the programme-building process
- The ITCP promotes the development of human and institutional resources in the maritime sector, on a sustainable basis, including the advancement of women
- The ITCP promotes regional collaboration and technical cooperation among developing countries
- IMO builds partnerships with Governments, industry and international development aid agencies to ensure appropriate funding for the ITCP

ITCP – Vision & Strategy (Key Principles)

- IMO also seeks to mobilize regional expertise and resources for its technical assistance activities
<http://roster.imo.org/Welcome.aspx>
- IMO ensures, through monitoring systems and impact assessment exercises, that programme targets are met and that lessons learned are transferred back to the programme-building process
- Every two years, the Organization revises the ITCP, which contains global and regional programmes covering:
 - Africa
 - Arab States and Mediterranean
 - Asia and Pacific Islands
 - Commonwealth of Independent States and Eastern Europe and
 - Latin America and Caribbean

ITCP – Development

- IMO's technical cooperation activities are conceived and developed through partnerships for progress between recipient countries, resource-providers and the Organization
- The Organization has also been successful in developing bilateral partnerships with Governments, international organizations and regional institutions for its technical cooperation activities. As at 31 December 2014, IMO had 75 partnership arrangements in operation.

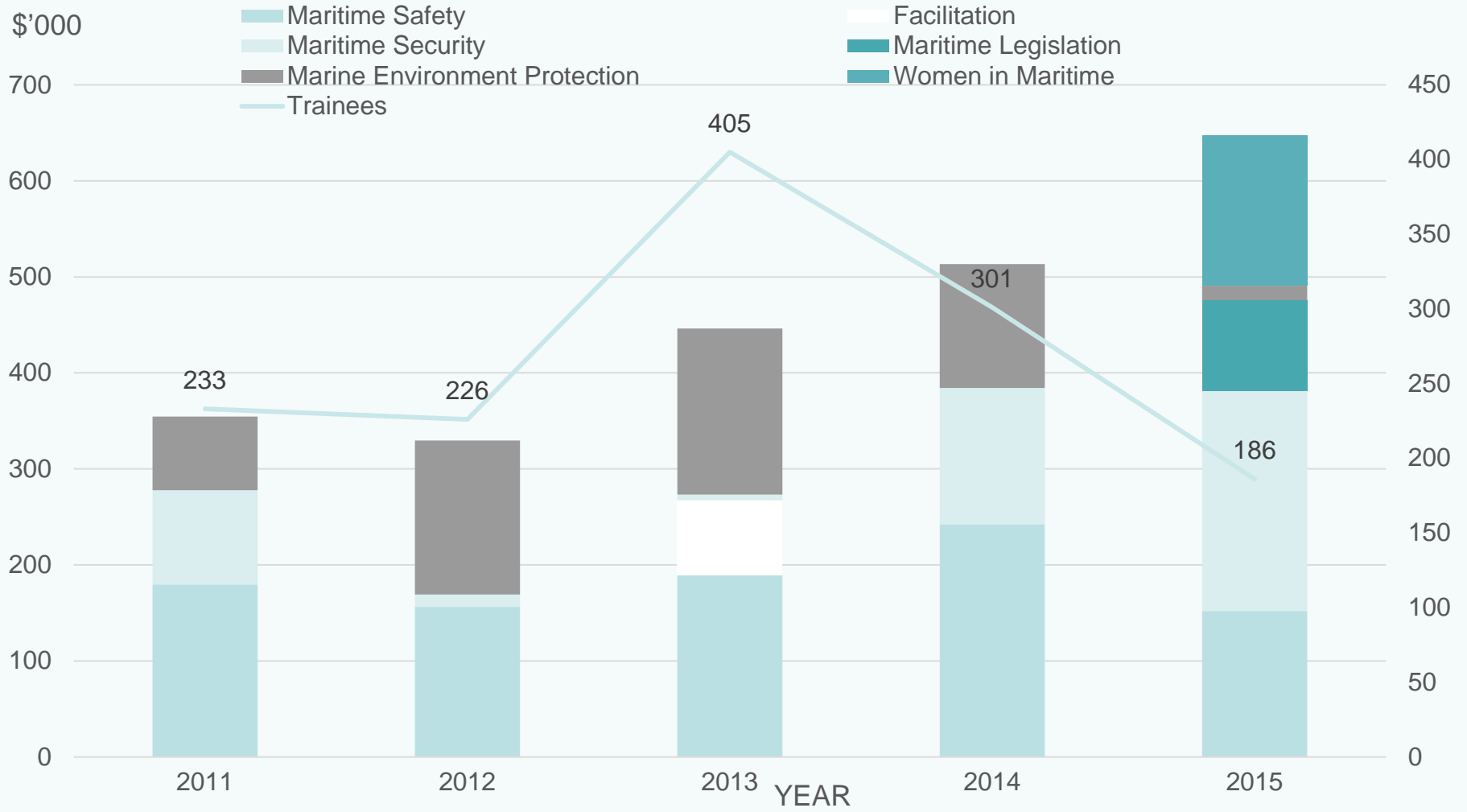
ITCP – Funding

- IMO secures financial, human and logistical support for its technical assistance activities from a wide variety of sources, including:
 - IMO's Technical Cooperation (TC) Fund;
 - multi-donor Trust Funds (MDTFs);
 - bilateral arrangements; and
 - one-off cash donations.

ITCP – Implementation

- IMO's technical assistance activities, such as needs assessment/advisory missions, national/regional seminars/workshops and long-term training courses, are delivered mostly through the Secretariat and through regional outreach mechanisms, such as:
 - IMO's regional presence in the field, in Africa, Asia and the Caribbean, which provides advice to developing countries and executes technical co-operation activities; and
 - regional institutions and networks that, in partnership with IMO, coordinate and manage regional technical assistance programmes.

ITCP – Expenditure 2011 - 2015



ITCP – Achievements

- The establishment of two prestigious institutions
 - World Maritime University (WMU), located in Malmö, Sweden. This success is the fruit of an efficient partnership between IMO, Governments and donors (107 Caribbean graduates)



- IMO International Maritime Law Institute (IMLI), located in Valletta, Malta (35 Caribbean graduates)



ITCP – Achievements

- Post Graduate Programme in Maritime Affairs offered at WMU
 - Port Management
 - Shipping Management & Logistics
 - Maritime Safety & Environmental Administration
 - Maritime Law & Policy
 - Maritime Education & Training
 - Maritime Energy Management (2016)
 - Ocean Sustainability, Governance and Management (2016)
- IMLI offers a programme leading to the degree of Master of Laws (LL.M.) in International Maritime Law. The main purpose of the programme is to train legal advisers in relevant areas of international maritime law, including the law of the sea, marine environmental law and shipping law.

ITCP – Achievements (Regional)

- IMO has successfully provided maritime assistance to all member States in the region in all its fields of competence
- Preparation of regional strategies for maritime safety, marine environment protection, modernization of maritime legislation, and facilitation of international maritime traffic
- Assistance in the development of search and rescue plans and training of personnel to operate them
- Facilitated the development and review of the Code of Safety for Small Commercial Vessels operating in the Caribbean Sea (SCV Code)

ITCP – Achievements (Regional)

- Preparation of model maritime legislation that countries can adapt to their circumstances
- Assisted the development of the Caribbean Memorandum of Understanding on Port State Control (CMOU)
- Development of national and regional contingency plans and related training courses for marine pollution preparedness and response in partnership with Governments and the oil industry at national, regional and international level

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