



EMSA

Training on ISM Simulated Audit For Passenger Ships

A quick walk through the ISM Code

Andrea Cicotto
Italian Coast Guard

Lisbon, 14 – 15 January 2014



WHY ISM?

Poor Management Standards in shipping



Herald of Free Enterprise 1987



Exxon Valdez 1989



Scandinavian Star 1990



ESTONIA 1995



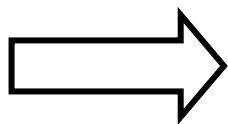
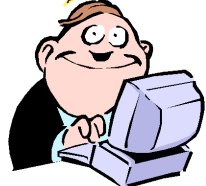


Italian Coast Guard

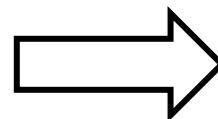




Maritime Rules management..

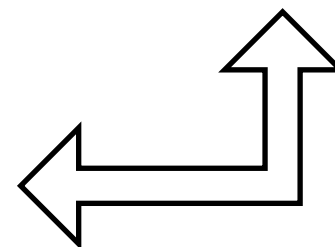


Proposal to IMO

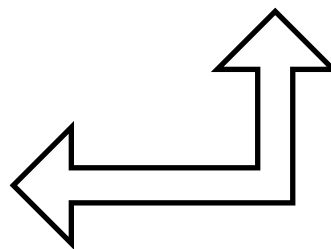


**Discussion/
Consulting with
SubComitee and
Working Groups**

**Draft Copy (Circular,
Convention,
Amendment)**



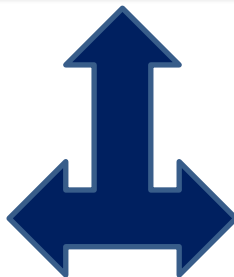
**Adoption of new measures
tacit acceptance criteria
1/3 CGs with 50% world fleet
by GT**





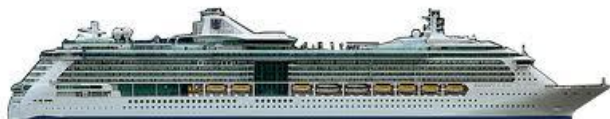
Maritime Regulations ...

80%
Technical - related

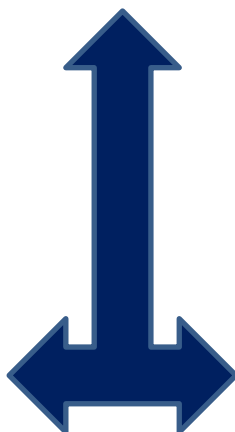


20%
Human - related

...but..when accidents occur...



20%
Technical - related

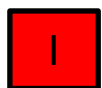


80%
Human - related



What is the ISM ?

INTERNATIONAL MANAGEMENT CODE FOR THE SAFE OPERATION OF SHIPS AND FOR POLLUTION PREVENTION



International



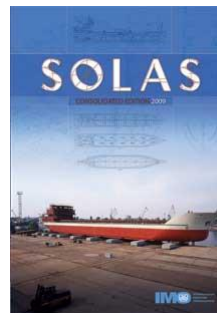
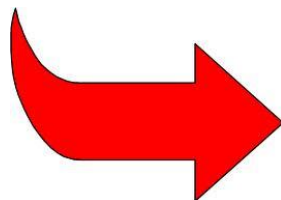
Safety



Management



**IMO
Resolution
A.741(18)**



**Chapter
IX**

International Management Code for Safe Operation of ships and for Pollution Prevention



It is a management code **based** on Human element and relations between shore and ship personnel



Highlight the importance of relationship between highest level of management and ship's crew



Specify objectives but not the way to reach them



Based on ISO 9000 philosophy

1.7.1998



Under SOLAS Chapter IX, Code applies to:

to **ships**, regardless of the date of construction, as follows:

- ✓ passenger ships including passenger high speed craft;
- ✓ oil tankers, chemical tankers, gas carriers, bulk carriers and cargo high speed craft of 500 gross tonnage and upwards;
- ✓ other cargo ships and mobile offshore drilling units of 500 gross tonnage and upwards;

to **Companies** which have the responsibility for operation of the above ship



Under EU Regulation 336/2006, Code applies to:

to **ships and to Companies** operating:

- ✓ Cargo ships and Passenger ships, flying the flag of a Member State, engaged on international voyages,
- ✓ Cargo ship and passenger ships engaged exclusively on domestic voyages, regardless of their flag,
- ✓ Cargo ships and passenger ships operating to or from ports of the Member States, on a regular shipping service, regardless of their flag,
- ✓ MODU operating under the authority of a Member State.



Objectives:

- ☐ to ensure safety at sea,
- ☐ prevention of human injury or loss of life, and
- ☐ avoidance of damage to the environment, in particular to the marine environment and to property.



The safety management system should ensure:

- ✓ compliance with mandatory rules and regulations; and
- ✓ that applicable codes, guidelines and standards recommended by the Organization, Administrations, classification societies and maritime industry organizations are taken into account.



IACS

INTERNATIONAL ASSOCIATION OF CLASSIFICATION SOCIETIES LTD.



INTERTANKO

E
X
A
M
P
L
E
S



Safety Management System



POLICY – WHAT Company wants

SYSTEM – HOW organize and control

PROCEDURES – WHO does, WHAT and WHEN

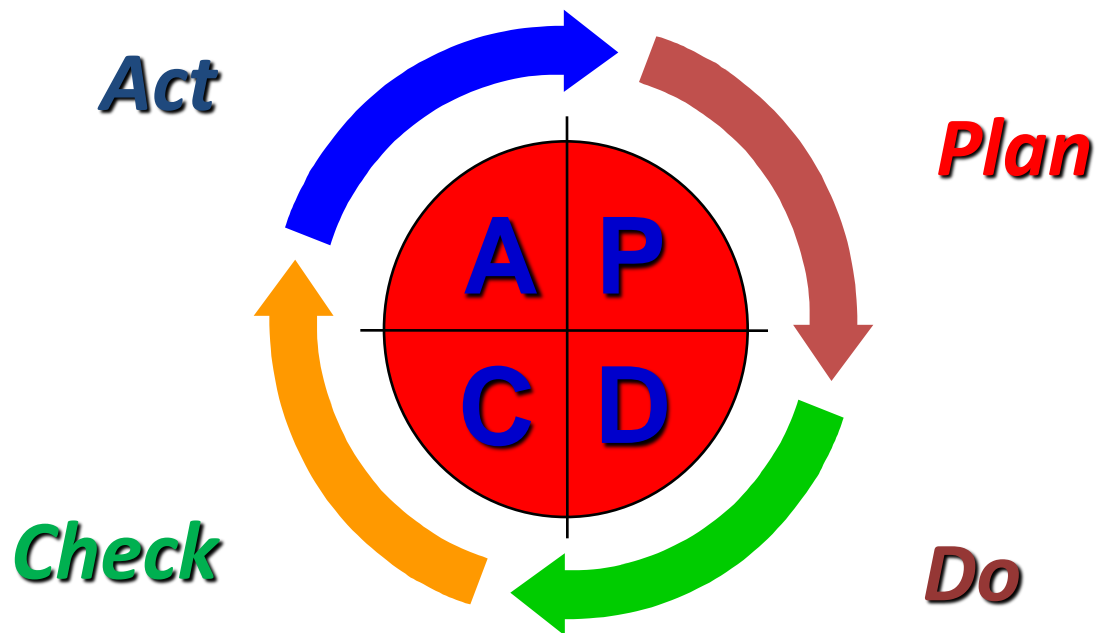
INSTRUCTIONS – HOW to do...

..not a rigid system... or docs management only.....
IT MUST BE A SAFETY CULTURE





Basically



Deming cycle - based philosophy

Yes!

Part A - Implementation

1 General

2 Safety and environmental protection policy

3 Company responsibilities and authority

4 Designated person (s)

5 Master's responsibility and authority

6 Resources and personnel

7 Shipboard operations

8 Emergency preparedness

9 Report and analysis of non-conformities, accidents and hazardous occurrences

The ISM Code is divided into two parts:

10 Maintenance of the ship and equipment

11 Documentation

12 Company verification, review and evaluation

Part B – Certification and Verification

13 Certification and periodical verification

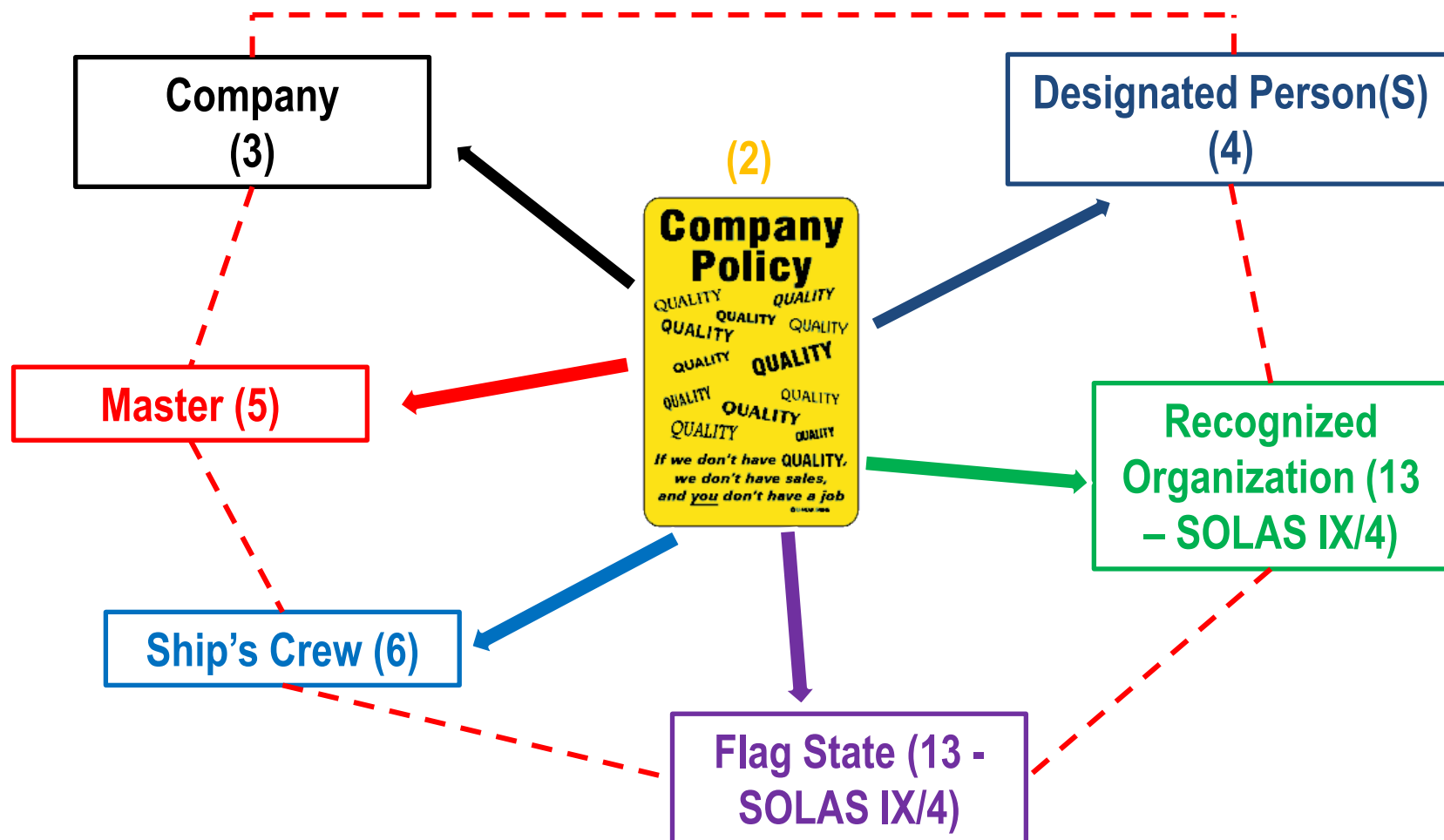
14 Interim certification

15 Verification

16 Forms of certificates

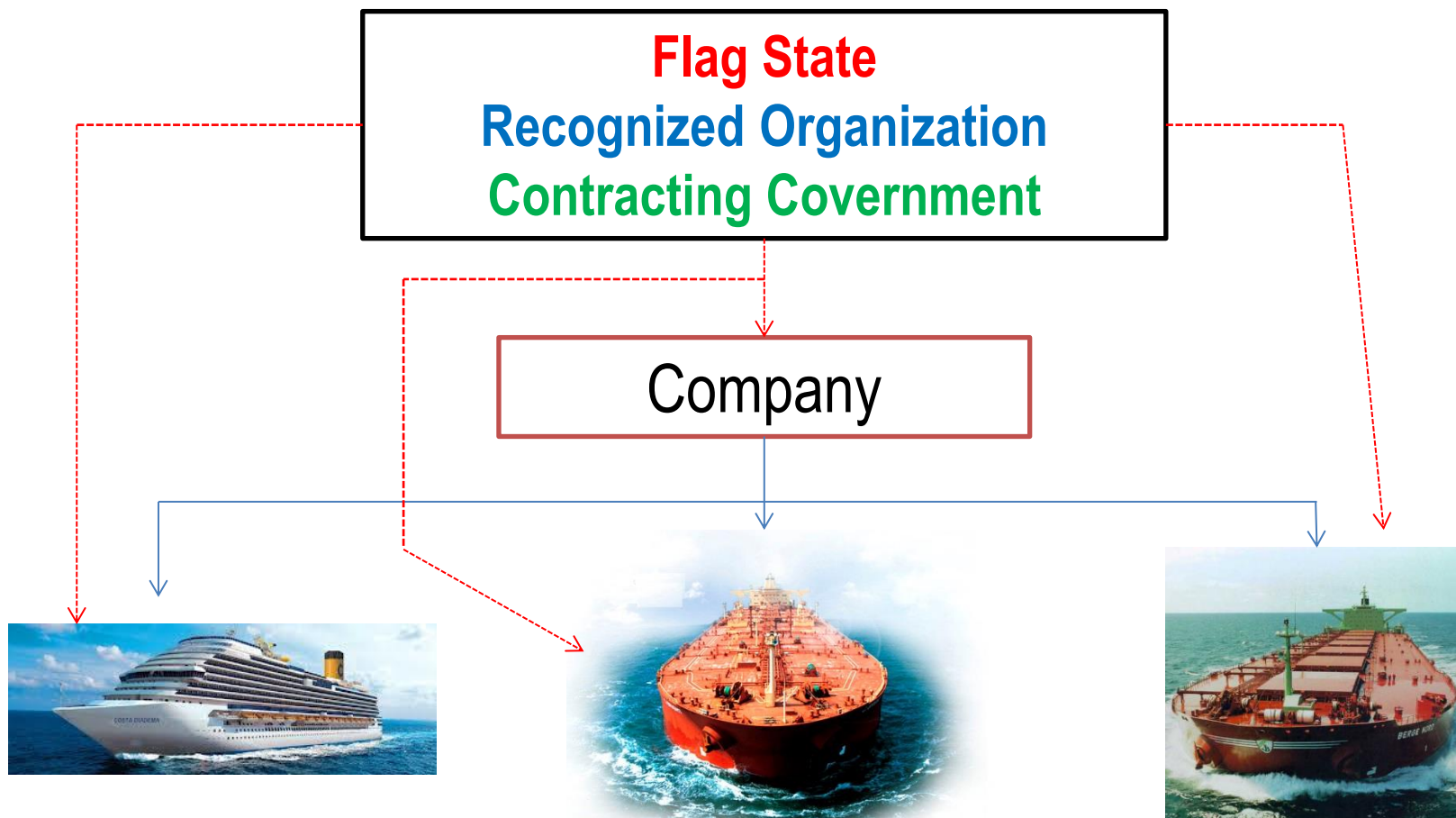


ISM - KEY figures





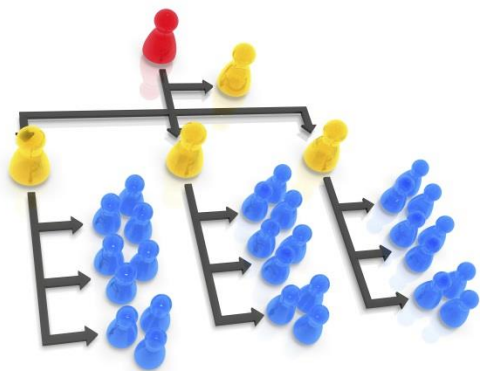
Parties involved in ISM Certification:





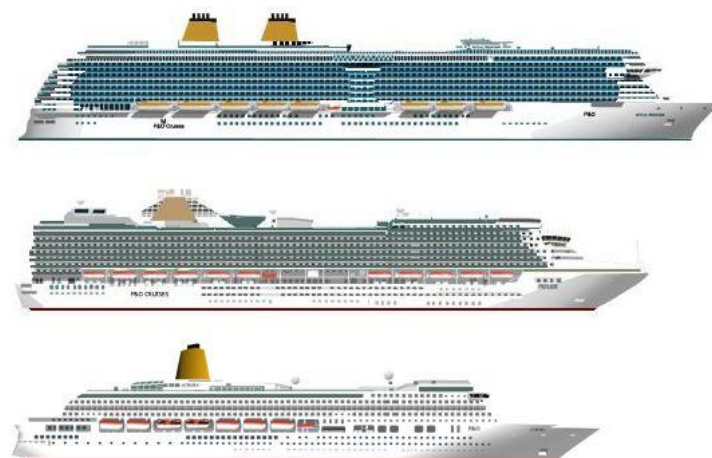
Certification:

DOC – Document Of Compliance



Company

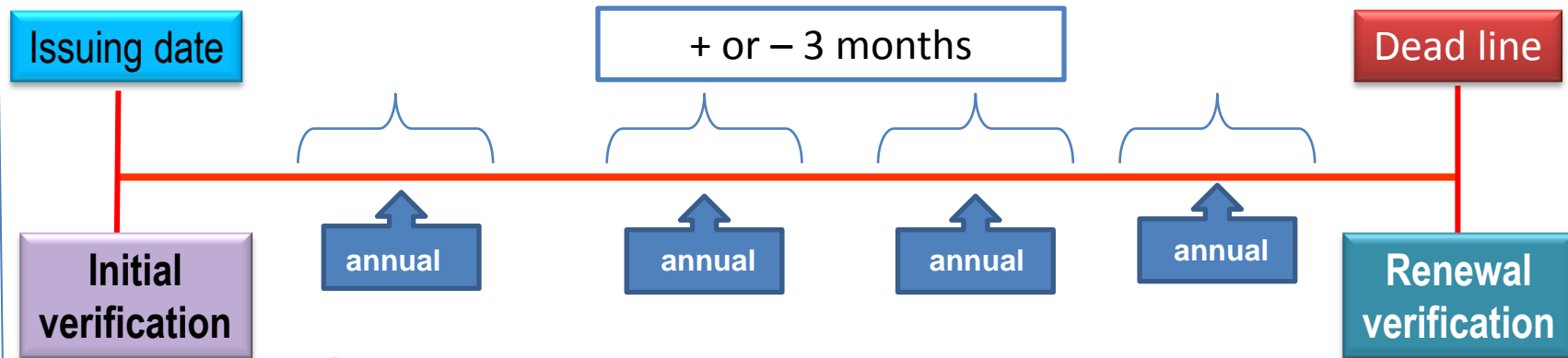
SMC – Safety Management Certificate



Ships



Document Of Compliance



REPUBLICA ITALIANA
REPUBLIC OF ITALY
MINISTERO DELLE INFRASTRUTTURE E DEI TRASPORTI
Ministry of Infrastructures and Transport
Autorità Marittima di Genova
Local Maritime Authority Genova
DOCUMENTO DI CONFORMITA'
DOCUMENT OF COMPLIANCE

Rilasciato a norma delle disposizioni della Convenzione internazionale per la salvaguardia della vita umana in mare del 1974 e successive modificazioni in nome del Governo della Repubblica Italiana
Issued under the provisions of the International Convention for the Safety of Life at Sea, 1974, as amended, under the authority of the Government of the Republic of Italy

Denominazione e sede della società di navigazione: Name and address of Company:	COSTA CROCIERE S.p.A. Piazza Piccinini, 48 10121 - GENOVA (ITALY)
Numero di Identificazione della Società Company identification number:	0166716

Si ATTESTA che il sistema di gestione della sicurezza della società di navigazione è stato sottoposto a verifica e che esso soddisfa alle prescrizioni del Codice Internazionale di gestione della sicurezza delle navi e della prevenzione dell'inquinamento (Codice ISM) per i tipi di navi sotto indicati.
THIS IS TO CERTIFY THAT the safety management system of the Company has been audited and that it complies with the requirements of the International Management Code for the Safe Operation of Ships and for Pollution Prevention (ISM Code) for the types of ships listed below:

Nave passeggeri - Passenger ship

Il presente Documento di Conformità è valido fino al 12/01/2018 a condizione che siano effettuate le verifiche periodiche.
This Document of Compliance is valid until: 12/01/2018, subject to periodic verification

Data di completamento della verifica sulla quale si basa il presente certificato: 13/12/2012
Completion date of the verification on which this certificate is based:

Rilasciato a: GENOVA
Issued at:

Il: 15/12/2012
Date of issue

Timbro
Seal

L'Ufficiale autorizzato al rilascio del certificato
Authorized official issuing the certificate

1. Valore paragrafo 1.1.3 del Codice ISM.
2. Per paragrafi 1.1.3.1 e 1.1.3.2 del Codice ISM.
3. Consultare come appropriato.
4. Data di approvazione.

SOLAS: Chap. IX Reg. 4.1

ISM Code: Chap. 13

EU 336/2006: Art. 8



Safety Management Certificate

Issuing date


Between the 2° and 3° anniversary date

Dead line

Initial
verification

Renewal
verification

N. 2013/909



REPUBBLICA ITALIANA
REPUBLIC OF ITALY

MINISTERO DELLE INFRASTRUTTURE E DEI TRASPORTI
Ministry of Infrastructures and Transport

Autorità Marittima di Savona
Local Maritime Authority

CERTIFICATO DI GESTIONE DELLA SICUREZZA
SAFETY MANAGEMENT CERTIFICATE

Rilasciato a norma delle disposizioni della Convenzione internazionale per la salvaguardia della vita umana in mare del 1974 e successive modificazioni in nome del Governo della Repubblica Italiana
Issued under the provisions of the International Convention for the Safety of Life at Sea, 1974, as amended, under the authority of the Government of the Republic of Italy

Nome della nave: Name of ship		COSTA neoROMANTICA	
Porto di registrazione: Port of registry		Genova	
Nominativo internazionale: Collective number or letters	IBCR	Stazza lorda: Gross tonnage	56769,00
Numero IMO: IMO Number	8821046	Tipo di nave (1): Type of ship	nave passeggeri passenger ship
Denominazione e sede della società (2): Name and address of Company		Costa Crociere S.p.A., Piazza Piccapietra, 48, GENOVA	
Numero di identificazione della Società: Company identification number		0196718	

Si ATTESTA che il sistema di gestione della sicurezza della nave è stato sottoposto a verifica e che esso soddisfa alle prescrizioni del Codice internazionale di gestione della sicurezza delle navi e della prevenzione dell'inquinamento (Codice ISM), essendo stato verificato che il documento di conformità della società di navigazione si applica a questo tipo di nave.

THIS IS TO CERTIFY THAT the safety management system of the Ship has been audited and that it complies with the requirements of the International Management Code for the Safe Operation of Ships and for Pollution Prevention (ISM Code) following verification that the Document of Compliance for the Company is applicable to this type of ship.

Data di completamento della verifica sulla quale si basa il presente certificato
Completion date of the verification on which this certificate is based: 23/02/2013

Il presente Certificato di Gestione Sicurezza è valido fino al 26/04/2018 a condizione che siano effettuate le verifiche periodiche e che il Documento di Conformità non sia scaduto.
This Safety Management Certificate is valid until 26/04/2018 subject to periodical verification and the validity of the Document of Compliance.

Rilasciato a Savona
Issued at: 24/02/2013

Timbro
Stamp

C.F. (CP) Leonardo DEIR

1. Indicare il tipo di nave tra i seguenti tipi: nave passeggeri, unità veloce passeggeri, unità veloce da carico, portacontainer, petroliera, chincalleria, gascara, unità mobile di perforazione offshore, nave da carico di altro tipo.
Insert the type of ship from among the following: passenger ship, passenger high-speed craft, cargo high-speed craft, bulk carrier, oil tanker, chemical tanker, gas carrier, mobile offshore drilling unit, other cargo ship.

2. Vedere paragrafi 1.1.2 del Codice ISM.
See paragraph 1.1.2 of the ISM Code.

SOLAS: Chap. IX Reg. 4.3

ISM Code: Chap. 13

EU 336/2006: Art. 8





Interim Document of Compliance

12 months

- ✓ a company is newly established or
- ✓ new ship types are to be added to an existing DOC

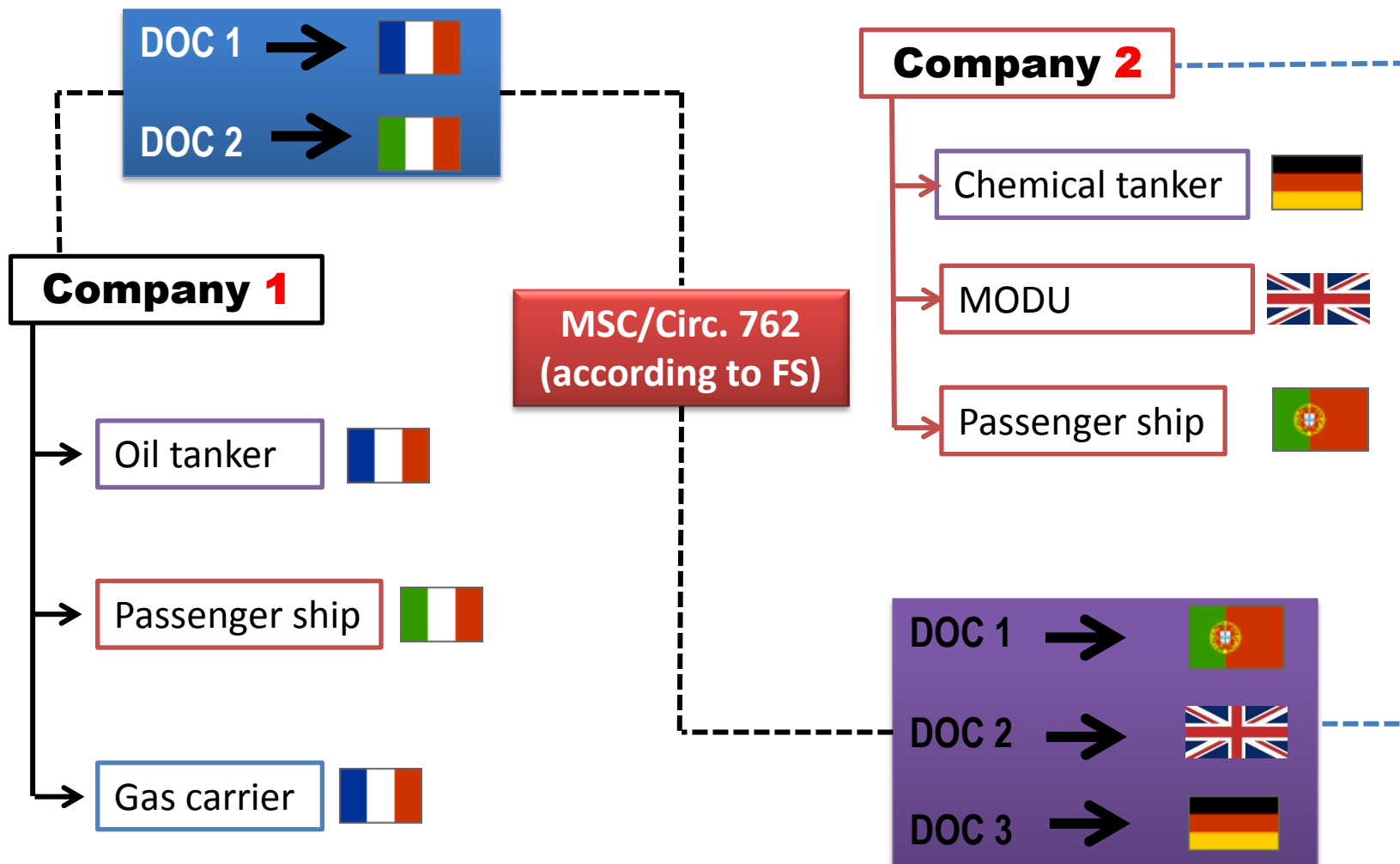
Interim Safety Management Certificate

6 + 6 months

- to new ships on delivery;
- when a Company takes on responsibility for the operation of a ship which is new to the Company; or
- when a ship changes flag.



Italian Coast Guard





What PSCOs think about ISM code?

Action Taken: 18

Internal safety audit and corrective action is required within 3 months. Deficiency(s) marked (ISM) is (are) objective evidence of a failure, or lack of effectiveness, of the implementation of the ISM Code.

AVOID PROBLEMS – RUN A
SAFE AND SECURE SHIP AND
BE HONEST WITH PORT STATE
CONTROL OFFICERS



Action Taken: 17 (D) ex 19

Safety management audit by the Administration is required before departure of the ship. Deficiency(s) marked (ISM) is (are) objective evidence of a serious failure, or lack of effectiveness, of the implementation of the ISM Code.

Deficiency code: 15150



Italian Coast Guard



**Thank you for
listening!**

Andrea CICOTTO

Italian Coast Guard

Cagliari District Office

andrea.cicotto@mit.gov.it