



EMSA

Training on ISM Simulated Audit for Passenger Ships

Certification, Non Conformities and actions to be taken

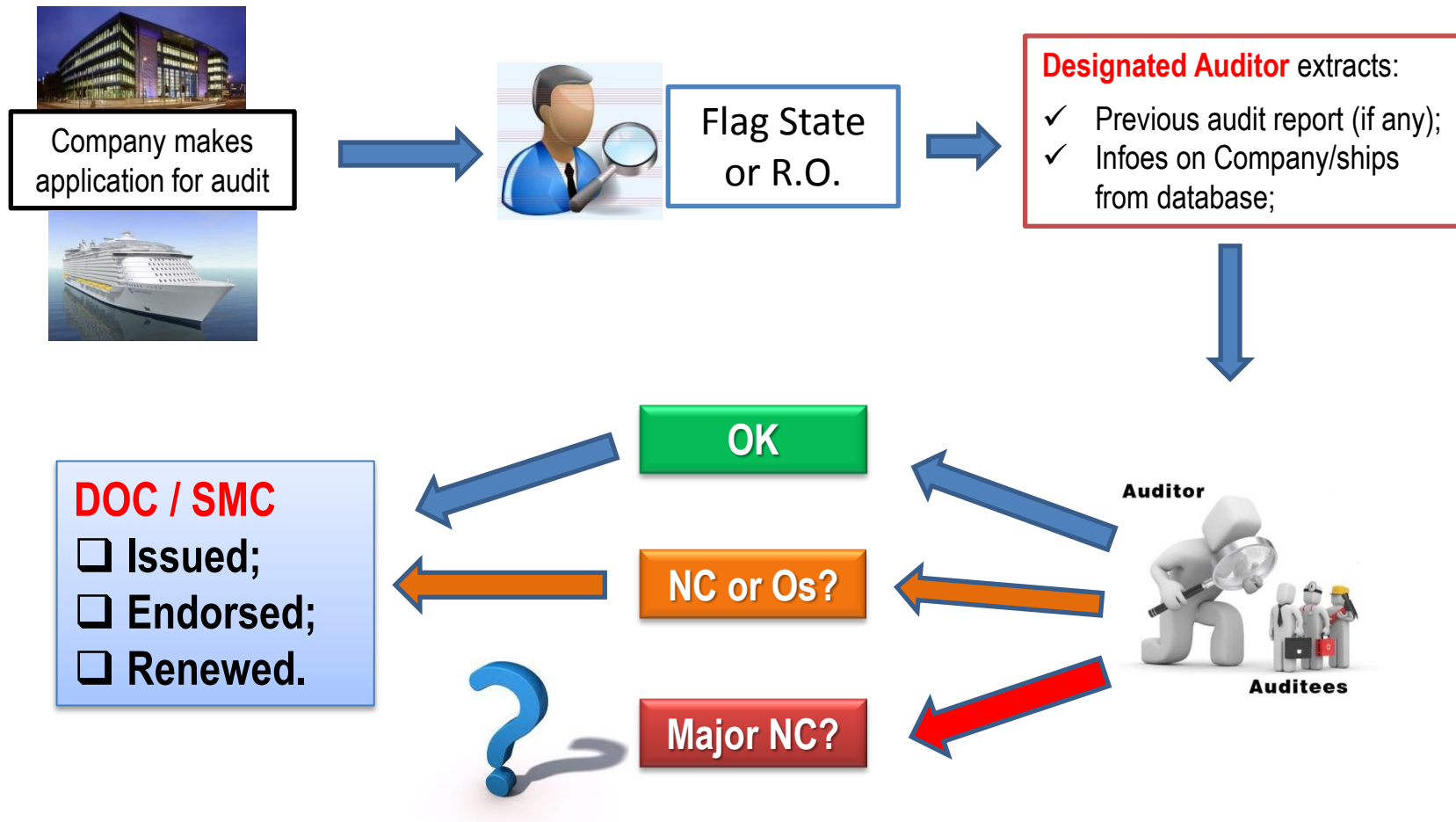
Andrea Cicotto

Italian Coast Guard

Lisbon, 04 – 05 October 2016

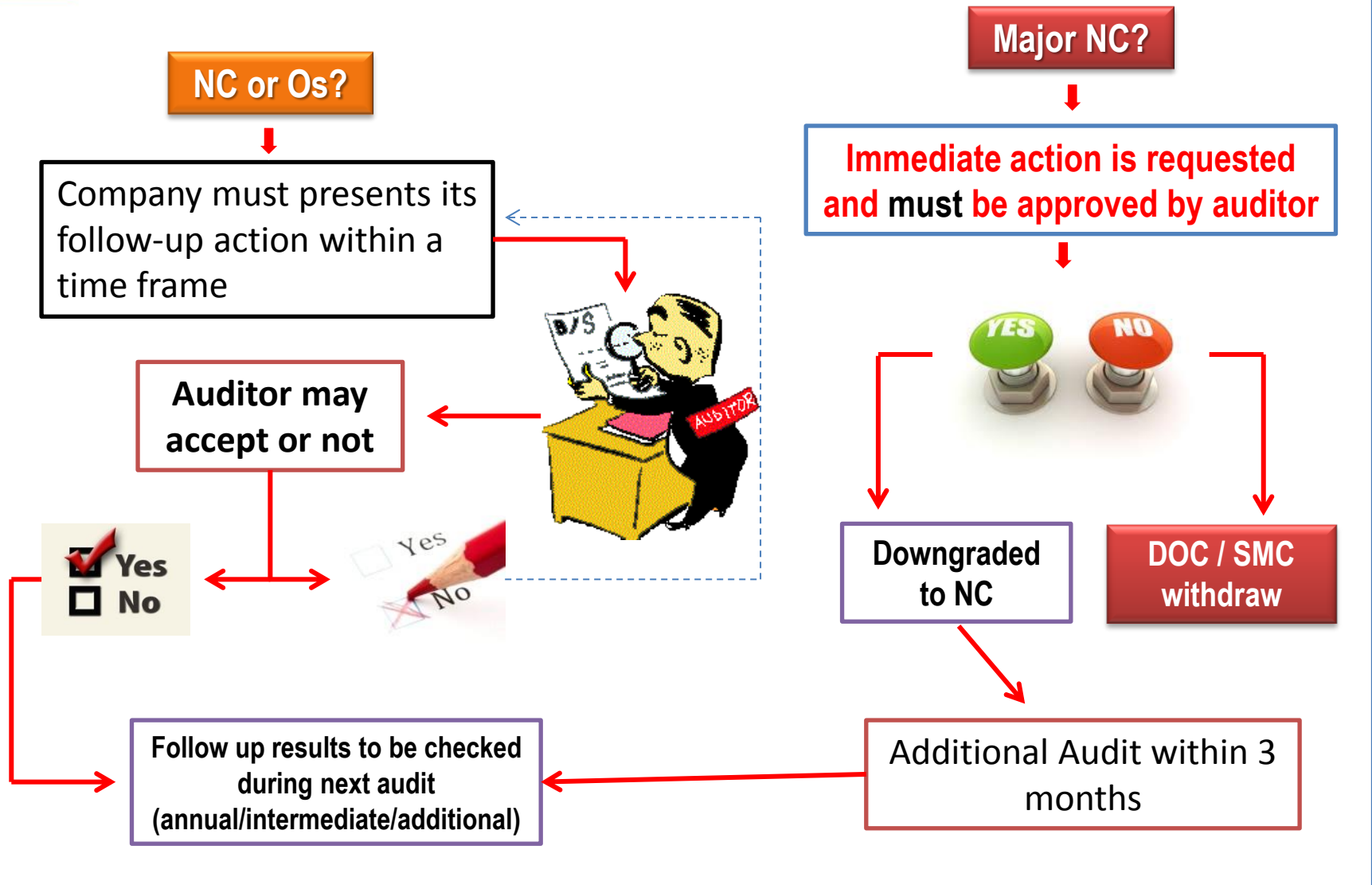


The ISM Certification process





Italian Coast Guard





Examples of reasons for which a DOC shall become invalid include:

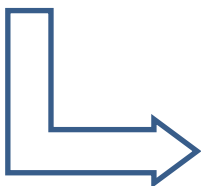
- ☐ **corrective actions are not completed within the agreed schedule;**
- ☐ **amendments to the ISM Code are not taken into account;**
- ☐ **there is evidence of an unresolved major nonconformity;**
- ☐ **the company does not request the annual verification.**

Examples of reasons for which a SMC shall become invalid include:

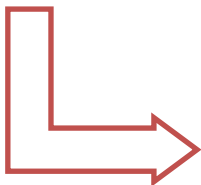
- ☐ **DOC is not full term (if SMC is conditional)**
- ☐ **corrective actions are not completed within the agreed schedule;**
- ☐ **there is evidence of an unresolved major nonconformity;**
- ☐ **the company does not request the intermediate verification.**
- ☐ **amendments to the ISM Code are not taken into account;**



WITHDRAWN of :



DOC



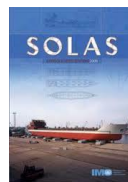
SMC

**is a matter of the Flag State, or R.O. if
officially authorized to do that**

**After a DOC/SMC withdrawn, interim certificates should
not be issued (taking into account Flag State Instructions)**



Non compliance with safety/pollution mandatory rules



DEFICIECIES

INVESTIGATION

Objective evidence

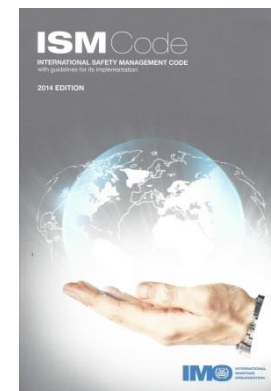
NO

YES

Observation

Non Conformity

Major non Conformity





...from ISM Code...

Objective evidence means quantitative or qualitative information, records or statements of fact pertaining to safety or to the existence and implementation of an safety management system element, which is based on observation, measurement or test and which can be verified.

Observation means a statement of fact made during a safety management audit and substantiated by objective evidence.

Non-conformity means an observed situation where objective evidence indicates the non-fulfilment of a specified requirement.

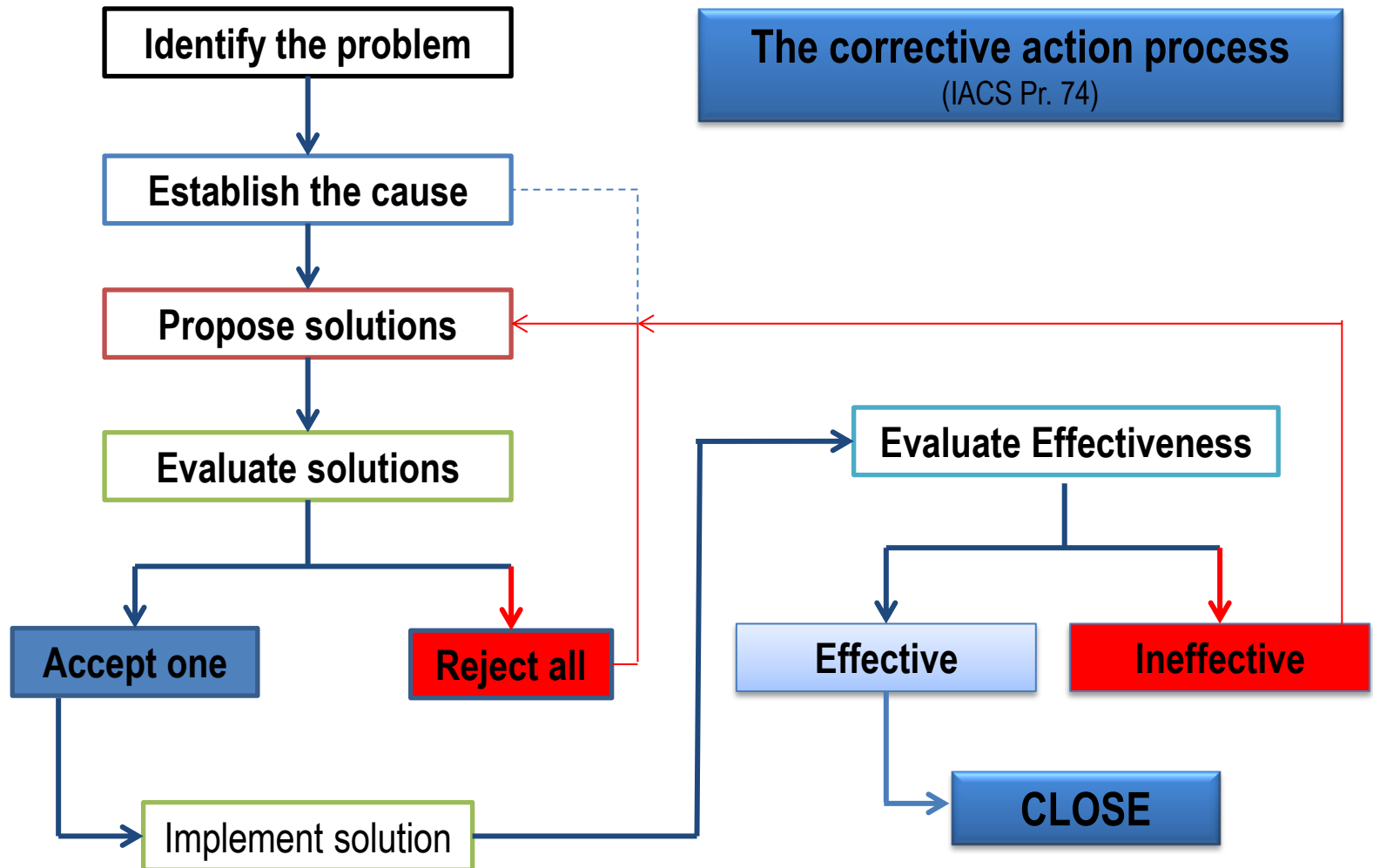
Major non-conformity means an identifiable deviation that poses a serious threat to the safety of personnel or the ship or a serious risk to the environment that requires immediate corrective action or the lack of effective and systematic implementation of a requirement of this Code.



In managing corrective actions, TAKE care of:


→	✓ root cause analysis	9.1
→	✓ corrective action	9.1
→	✓ measures to avoid recurrence.	9.2







Example...

	MNC/NC/F n. 1	Type¹ NC
Department involved DECK	Reference Document ISM Code Chap. 7	Reference Rules SOLAS Chap. III/17 LSA Code 5.1
Description The rescue boat fuel tank was found only 1/3 full with fuel.		
Date 11.06.2013	Auditor John Check	Company Representative Frank Grabb
Company's reply: The low level in the rescue boat fuel tank was determined to be caused by a small leakage from the pipeline, which was immediately renewed. Fuel tank was promptly refilled. The Life-saving appliance weekly check list has been amended to include an item to "verify level of rescue boat fuel tank".		

root cause analysis

The low level in the rescue boat fuel tank was determined to be caused by a small leakage from the pipeline

corrective action

.which was immediately renewed.
Fuel tank was promptly refilled

measures to avoid recurrence

The Life-saving appliance weekly check list has been amended to include an item to "verify level of rescue boat fuel tank".



Some replies which should not be accepted:

- “**Rectified.**”
- “when convenient...” (*spend money...NEVER*)
- “at the earliest opportunity...” (*due date...???*)
- “We have reminded the Master/Chief ...”(and the **next** Master/CM?)
- “The parts have been delivered on board...” (*then..?*)
- “He has been cautioned and instructed ...” (*who..?? And next one..?*)





**...bad examples of corrective
actions!!!**

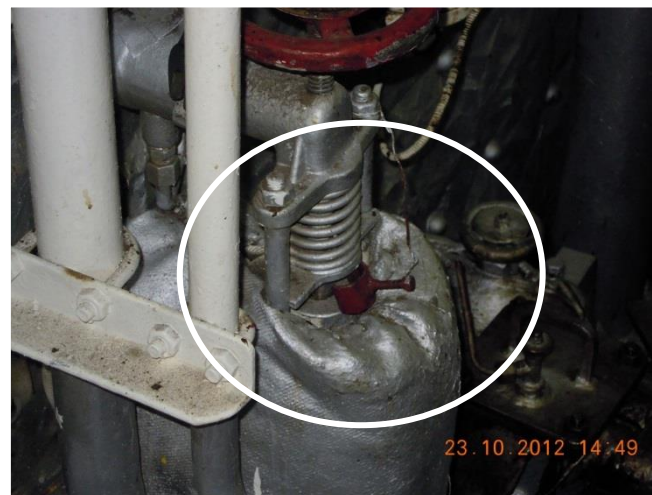




Problem: some quick closing valves not working properly....



Corrective action....





Problem: some quick closing valves not working properly....





I know Mr. Surveyor it is not allowed but, let me say... in case of fire the rope is fiammable so it burns and the valve will be already closed!!!!



Problem: fuel leakage from fuel delivery line (not double jacketed type)



Temporary corrective action: leakage reduced by means of rags...



Problem: fuel leakage from fuel delivery line (not double jacketed type)



Unfortunately the bucket becomes full...



Problem: fuel leakage from fuel delivery line (not double jacketed type)



Corrective action....

**...but there is
always the bilge
well!!**





Easy NCs management with relevant corrective action - Engine Room -

Engineering Flowchart





Italian Coast Guard



**Thank you for
listening!**

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