

TECHNICAL AND REGULATORY NEWS No. 10/2019 – PSC

CIC 2019 FOCUSING ON EMERGENCY SYSTEMS AND PROCEDURES

Relevant for ship owners and managers.

June 2019

The Tokyo and Paris MoUs have developed a Concentrated Inspection Campaign (CIC) on emergency systems and procedures. The CIC will run from 1 September to 30 November 2019. This PSC news gives an overview of DNV GL's recommendations for focus items and support for preparation.



The CIC on emergency systems and procedures starts on 1 September and will be performed by the following MoUs: Black Sea, Indian Ocean, Mediterranean, Paris, Tokyo, Riyadh and Viña del Mar.

The CIC this year is a reminder of the importance of regular training for different emergency scenarios and the proper maintenance of technical systems to ensure readiness of crew and equipment in case of any emergencies. In particular, deficiencies related to emergency generators and fire pumps are still at the top of the list of detainable items. It goes without saying that due to the importance of the crew's awareness and familiarization, these defects often trigger questions of implementation of the ISM system.

This CIC follows the same procedure as previous years: the CIC will be included in the routine PSC inspections in the respective period from September to November. A tailored questionnaire has been developed for every Port State Control Officer (PSCO) performing the inspection.

The additional questionnaire is expected to be published at the beginning of August to raise awareness for emergency systems and procedures on board. Once this checklist has been published, we will issue an additional news.

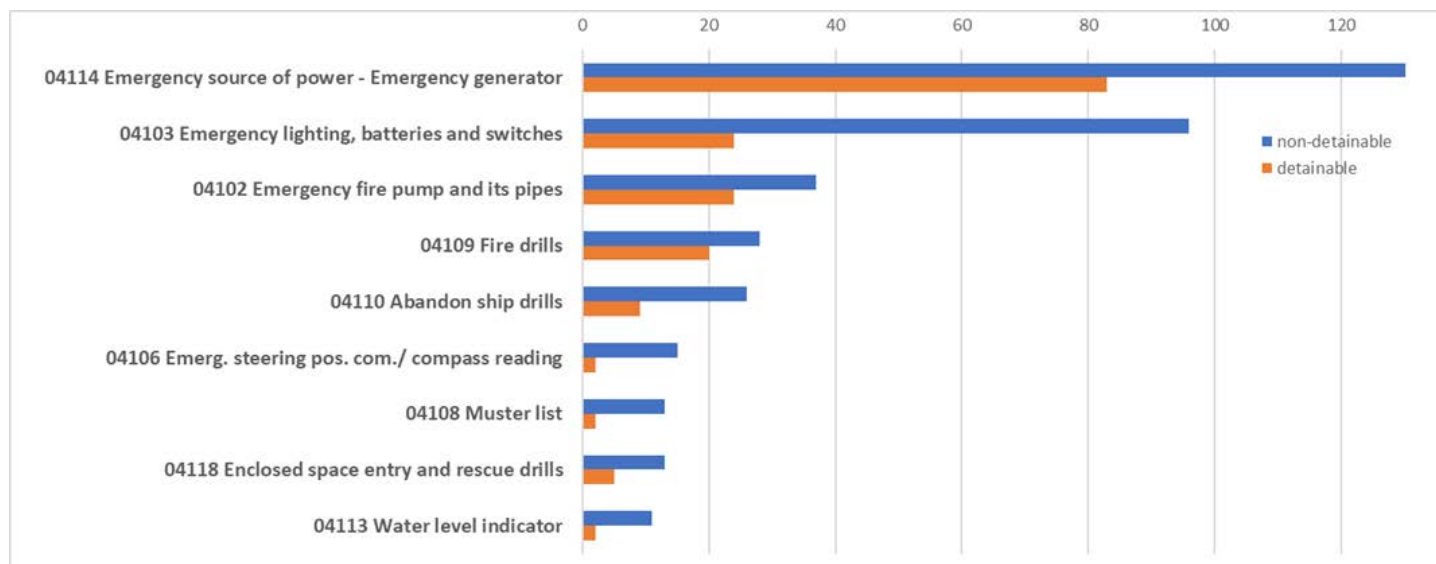
The CIC questionnaire usually focuses on the main deficiencies within this deficiency group during previous years. World statistics for the last three years show that the deficiencies in the main group "04 – Emergency Systems" are related to:

PSC Code	Deficiencies	No. of deficiencies 2016-2018
04103	Emergency lighting, batteries and switches	9545
04114	Emergency source of power - emergency generator	5056
04110	Abandon ship drills	3355
04102	Emergency fire pump and its pipes	3256
04118	Enclosed space entry and rescue drills	2661
04108	Muster list	2246
04109	Fire drills	1818
04107	Emergency towing arrangements and procedures	1144
04113	Water level indicator	870
04106	Emergency steering position communication/compass reading	797
04101	Public address system	540
04116	Communication safety centre - other control stations	303
04117	Functionality of safety systems	309
04104	Low-level lighting in corridors	130
04115	Safe areas	82
04112	Shipboard marine pollution emergency operations	102
04111	Damage control plan	117
04105	Location of emergency installations	104
04119	IGF Code drills and emergency exercises	0
Grand total		32,435

Most detainable deficiencies for DNV GL-classed vessels are related to

- emergency generators,
- emergency lighting,
- emergency fire pump, and
- fire drills.

Especially deficiencies related to the emergency source of power are in the general Top 10 list of detainable deficiencies, as illustrated here (data: PSC stats, 2017-2019, DNV GL analysis):



Considering the above deficiencies, we assume the questionnaire items will mainly relate to operational issues and the maintenance of emergency systems like the generator, fire pump and lighting. Furthermore, PSCOs will most likely ask the Master to perform a drill during the CIC. It is still not known if any deficiencies outside the main deficiency group "Emergency Systems", e.g. Machinery Control, will be included in this year's CIC.

Finally, it should be mentioned that all above-mentioned operational deficiencies and drills are mostly related to the Safety Management System (SMS) and will very likely trigger an ISM-related deficiency, especially if they are numerous or reoccurring. Therefore, a specific ISM-related item might be part of the final questionnaire for the CIC. Some recommended actions ahead of the upcoming CIC campaign:

- Review if emergency installations are installed as per the ship's plans
- Evaluate the effectiveness of maintenance of emergency systems (e.g. emergency fire pumps) and update accordingly
- Check documentation of drills and service reports on emergency systems
- Evaluate the effectiveness of emergency drills and perform additional trainings in case of the need for improvements
- Familiarize the crew with the additional questionnaire when it becomes published

Recommendations

We recommend to consider above-mentioned actions to prepare for the upcoming CIC.

Join our "smart-up" webinar, on 14 August 2019, which is covering this topic. Registration is already open [here](#).

References

[Press release from the Paris MoU](#)
[DNV GL Port State Control \(PSC\) support](#)

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