



# 19<sup>th</sup> IALA Conference 2018

## Incheon, Republic of Korea

### ABSTRACT SUBMISSION — SOUMISSION DE RESUME

Topic No.: / Sujet n° : ----- or / ou  
 proposed topic / sujet proposé: THE COASTAL STATE'S ROLE WHEN DEVELOPING AUTONOMOUS  
 TRANSPORT SOLUTIONS AT SEA

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#### ABSTRACT / RESUME:

The presentation will address the NCA's experience in the work associated with the development of autonomous transport solutions at sea in Norway, and what we believe is the most important role of the coastal state associated with this.

Subtopics that will be covered are as follows :

- Organisational issues : National and internal (NCA) organisation of the work associated to autonomous ships
- Legal issues : Existing shortcomings in the current legal framework and how this is handled
- R&D activities : What are most important R&D activities related to autonomous ships that the NCA is taking part in (for example within the field of AtoNs, VTS and risk assessment)
- YARA Birkeland - the world's first fully electric and autonomous container ship : Inform about the status of this project that the NCA is heavily involved in. Before it becomes fully unmanned we need to find solutions on VTS as well as Pilotage issues.
- Latest news

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