



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

## Incheon, Republic of Korea

### ABSTRACT SUBMISSION — SOUMISSION DE RESUME

**Topic No. / Sujet n° : -----7----- or / ou**

**proposed topic / sujet proposé: ----- Maintenance of modern Aids to Navigation -----**

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#### ABSTRACT / RESUME:

The shipping assistance division of the Flemish Government is responsible for the management and maintenance of the fixed ATON's in the ports of Nieuwpoort, Oostende and Blankenberge. Nieuwpoort is the biggest marina of Northern Europe and has more than 2.000 berths.

The existing ATON's consisted of a variety of ATON's often installed in earlier years by various organisations and end-users, which resulted in a complex inventory of equipment and rising maintenance costs with little benefit for the yachtmen and shipping industry. Where the previous maintenance was carried out based on a basic preventive maintenance schedule and an on-demand corrective maintenance, there was a strong need for a more structural approach. This approach should also give more attention to the need of innovation, integration of cost efficiency in design, developing of a long-term vision and the interaction with the end user and yachtmen.

In 2014 we started with this structural approach. With this paper and presentation we would like to give you a view how this optimization of the installation, maintenance and monitoring of fixed ATON's was carried out based on knowledge, innovation and integration of IALA guidelines en recommendations.

**PLEASE RETURN TO [contact@iala-aism.org](mailto:contact@iala-aism.org) by 31st March 2017**

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