



8 – STRATEGY AND POLICY

8.1 –Proposed Amendments for Current Drivers and Trends

Submitted by Canada and China

INTRODUCTION

At the Council meeting in June 2020 (C71) the “Current Drivers and Trends ED 1.2”, Point 9 “High demand for sustainable and environmentally friendly operations and development” has been approved. Following comments made by the Councilors from Australia, Canada and China, it was agreed that the climate change and the impact of improved satellite and terrestrial based communication infrastructure should be included in the next edition of the document.

Council outputs an action item for Canada and China to prepare draft amendments, to be sent to the Secretariat, on the impact of improved satellite and terrestrial based communication infrastructure for consideration for the next edition of the Drivers and Trends document. (Action Item 2, Council 71)

DISCUSSION

The proposed changes for *Current Drivers and Trends Ed1.3*- Point 3 “Need for increased connectivity and interoperability” are based on several aspects, as per below:

The added content about the “impact of improved satellite and terrestrial based communication infrastructure” has emerged from the very fast development of additional GNSS and Communication satellites worldwide as well as upcoming more capable shore-based technologies for communications. Connectivity and interoperability between AtoN and these advanced infrastructures will become a basis for better aids to navigation.

The item starting with “Maritime Services in the context of e-Navigation” also add to be modified. Predictably, Maritime Services provider will face the challenges of inter sector collaboration of Maritime Services data collection and exchange. Furthermore, connectivity and interoperability between ship-borne autonomous system and e-Navigation shore-based system should be focused as a huge trend of future AtoN development.

There were also several slight modifications made to the text under Point 3.

Considering that the *Current Drivers and Trends* will serve as a guidance for IALA to reach its strategic goals with a long-term horizon and perspective, it is necessary to take these adjustments into consideration.

The proposed changes are marked in track change in document C72-8.1.1.

THE COUNCIL IS REQUESTED TO

Approve the Current Drivers and Trends Ed 1.3.