

IALA COUNCIL
64th session



13-16 June 2017
Incheon
Republic of Korea

11 – TECHNICAL ACTIVITIES

11.4 – ENAV

C64-11.4.14 – Draft liaison note to CIRM on the use of racons in busy harbours

Note by the Secretariat

1. BACKGROUND

Over the years, there has been anecdotal evidence that racons (marine radar beacons) perform poorly in busy harbours. A test was carried out to investigate this phenomena.

2. LIAISON NOTE TO CIRM ON THE USE OF RACONS IN BUSY HARBOURS

The test concluded that marine radar emissions seem to be concentrated around a small number of frequencies and that there are many radars at the same frequency.

Two techniques that would lessen the effects described would be for radar manufacturers to: a) use more of the frequencies within the band, and b) avoid repeatedly using the same frequency on a large number of units.

The liaison note to CIRM on the use of racons in busy harbours and accompanying report on Racons in busy harbours dated 24 February 2017 requests the assistance of CIRM to reduce or overcome the problem.

The finalised documents are submitted as input papers:

C64-11.4.14.1 Draft liaison note to CIRM on the use of racons in busy harbours

C64-11.4.14.2 Report on Racons in Busy Harbours 24 February 2017

3. THE COUNCIL IS REQUESTED TO

Approve the draft liaison note to CIRM on the use of racons in busy harbours and the forwarding of the Report on Racons in Busy Harbours dated 24 February 2017 to CIRM.