

ABSTRACT SUBMISSION –– SOUMISSION DE RESUME

**Topic No.: / Sujet n° :7or / ou**

**proposed topic / sujetproposé:Study on the specification and application of Special Marks on the Maritime Buoyage System and Other Aids to Navigation of IALA**

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ABSTRACT / RESUME:

-work in the field of visual marks for sixteen years, senior engineer .

Special marks on the Maritime Buoyage System and Other Aids to Navigation of IALA are regulated for the functions and purposes, but further technical requirements such as light rhythm and pictogram are not included. Special marks could not be clearly recognized by the mariners and pilots according to different functions, and such misunderstandings might be dangerous. This paper analyzes the necessity for the specification of special marks, addresses the subdivisions and their technical characteristics in China such as the color and shape of pictogram, the rhythm and period of light, elaborates plan requirements and illustrates different usages for every scenarios. This paper is proposed to arouse the IALA’s attention on the harmonization and consistency of the usage of Special marks on the Maritime Buoyage System.