



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

## Incheon, Republic of Korea

### ABSTRACT SUBMISSION — SOUMISSION DE RESUME

Topic No.: / Sujet n° : 1 or / ou

proposed topic / sujet proposé: \_\_\_\_\_

#### AUTHOR / AUTEUR:

Title / Titre (Mr, Ms, Capt, etc.): Dr.

Family name / Nom de famille: TERZİ

Surname / Prénom: HASAN

IALA member organisation / Organisation membre de l'AIMS :

DIRECTORATE GENERAL OF COASTAL SAFETY

Postal address / Adresse postale :

Kemankes Karamustafa Pasa Mah.

Kemankes Cad. No:63 Beyoğlu / İstanbul / Türkiye

Telephone (including country and area codes) / Téléphone (y compris codes national et régional)

Office / Bureau : \_\_\_\_\_ Mobile: +90 505 6732642

e-mail(s): hasan@denizcilik.gen.tr

#### ABSTRACT / RESUME:

## **VTS SAFeFFICIENCY Concept**

### **Writers**

**Prof. Dr. Cem GAZİOĞLU**

**İstanbul University**

**Institute of Marine Science and Management, İstanbul / Türkiye**

[cemga@istanbul.edu.tr](mailto:cemga@istanbul.edu.tr)

**Dr. Hasan TERZİ**

**Directorate General of Coastal Safety - Türkiye**

**Çanakkale VTS Centre**

[hasan@denizcilik.gen.tr](mailto:hasan@denizcilik.gen.tr) Phone: +90 505 6732642

**19<sup>th</sup> IALA Conference Incheon / Republic of Korea**

**Topic 1: Risk management, quality and audit**

### **ABSTRACT**

Enhancing safety and efficiency has been the two main goals of the emergence of VTS. Since its inception, IALA has been working and developing products to improve the safety and efficiency of vessel traffic.

In the 1950s, the accidents were thought to be the result of technical defects, but today it's known that there are many other factors those can be the causes of the accidents. In recent years, safety measures have been developed as reactive after accidents, but now, proactive measures have started to be taken, especially based on risk assessments. Similar work is being done by IALA and IALA Risk Management Tool is an important proactive tool that contributes to improving safety and efficiency as well. The other one is the IALA Guideline 1118 on Marine Casualty / Incident Reporting and Recording, Including Near-Miss Situations as it relates to VTS issued in December 2016. Safety and efficiency can be measured, assessed and improved by the creation of the reporting system specified in this Guideline. The decision to determine how to build safety culture in VTSs that will greatly contribute to increasing safety and efficiency is another proactive initiative of IALA.

Are the methods and procedures we applied today to improve safety and efficiency at the last hand? Of course not. As technology and people's experiences evolve, new methods and new perspectives are evolving about improving safety and efficiency. Similar to that we developed the **VTS SAFeFFICIENCY Concept**. According to this concept, safety and efficiency issues should be evaluated **systematically** and **regularly**. In this systematic approach, the past period must be compiled; current status determination should be done; trends should be researched. And after that short, medium and long term plans should be made. At the conference, we would like to share the details of this concept.

***Key Words: Safety, Efficiency, VTS, Safety Culture***