ABSTRACT SUBMISSION –– SOUMISSION DE RESUME

**Topic No.: / Sujet n° : 1 or / ou**

**proposed topic / sujet proposé:**

**Why does cyber security become more and more important for a successful VTS?**

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ABSTRACT / RESUME:

**Cyber Security**

**Why does cyber security become more and more important for a successful VTS?**

**The digital age with a global networking and an ever increasing data volume is no longer a novelty. The main product of a VTS are traffic data. The maritime traffic safety systems today with real time data around-the-clock and seven days a week, require an improvement of the deployed technology and applied management.**

**The current threats for data in view of confidentiality, integrity and availability are rising simultaneously to the growing system complexity. Nowadays, the authorities are more often the target of highly specialized attacks on these security objectives. The threats are diverse and also exist within a VTS itself.**

**Therefore:**

**Why protect a VTS and its data?**

**What are the benefits of implementing cyber security?**

**How can we protect a VTS and its data?**

**Is there a necessity of establishing a minimum security requirements for all IALA members?**

**Every competent authority are under obligation to manage the security risks to successfully guarantee safety for shipping, waterways and the environment.**

**The report will give answers to the questions and shows the meaning of risk management in the digital age. Risk management will be also put in relation with the NCA/VTS-authorities as future data trader in the maritime domain.**

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| **PLEASE RETURN TO** [**contact@iala-aism.org**](mailto:contact@iala-aism.org) **by 31st March 2017**  **VEUILLEZ RETOURNER A** [**contact@iala-aism.org**](mailto:contact@iala-aism.org) **avant le 31 mars 2017** |