

Title Abstract: Analysis paralysis: breaking free from traditional decision making in the VTS environment

Topic: Embracing ENAV

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Ernest Batty one of the founding members of IMIS Global that for the last 20 years has focused on Maritime Information Systems. Ernie serves as the Technical Director in IMIS and is the architect of MariWeb, their flag ship product.

After completing his technical training in Transnet in South Africa, Ernie completed an MDP at University of South Africa and a CIM with Oxford Brookes University in the United Kingdom. Ernie attended his first IALA meeting in 1995 as an employee of Marine Data Systems and now representing IMIS Global, is still an active member.



Abstract:

With the increase in digital communications bandwidth and deployment of Internet of Things sensors within the port environment, opportunities exist to take advantage of the large amounts of data provided. It is critical that the VTS environment does not get caught in the 'paralysis by analysis' trap.

The presentation will address three key elements – process, procedures and the people.

1. Process - What are the communication and sensor systems that can be implemented within a digitally connected environment? With proven systems in place, what might be the implications for port authorities and IALA members?
2. Procedures - What might be implications at the regulatory and operational levels?
3. People - Who will be implementing, maintaining and operating the equipment to support the service being provided? As the digital transformation progresses, what skills will personnel need?

What are the gaps between the current and future state, and what are the questions that we need to be looking at to bridge these gaps and maintain a safe, efficient and pollution free operational environment?