Title Abstract: The PortCDM (Port Collaborative Decision Making) concept

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Abstract:

IALA is increasingly looking at a changing the maritime domain, where digital data sharing allows all different actors involved in maritime transport to gain better situational awareness and as such can optimize their activities. Besides the data sharing, collaboration is another essential cornerstone of global shipping in the digital world. IALA need to understand and contribute to this development, guiding its members how to act in this new paradigm of shipping 4.0.

The PortCDM (Port Collaborative Decision Making) concept is an important enabler in this process, procedural as well as technical, with main focus on Port related activities. It fosters fast turn-around times for vessels by standardized, safe, and secure communication. Data sharing improves the situational awareness and planning, especially for VTS and related services in the IALA domain. While PortCDM implementations are locally driven, it uses international standards and guidelines to meet the demands of international shipping. It enables port-to-port and ship-shore data exchange, reduces administrative workload and at the same time increases efficiency and safety. In fact, PortCDM and the S-211 Port Call Message format is depicted in the IMO Maritime Service 4 definition as discussed during IMO NCSR6.

The paper will explain this development and how IALA can participate and benefit.

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