INTEGRATED MARITIME PICTURE FOR EFFECTIVE DOMAIN AWARENESS

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Abstract

As per the geography, more than half of the countries in the world map are littoral states. Hence Maritime Domain Awareness is a great concern of many states (Bateman, S. (2011). However incidents that are reporting in maritime environments are evident that, it is not safe as we thought and influences the national security of a state. Hence maritime security is great concern of littoral and non-littoral nations and emphasis must have given for effective maritime detection as it is the gateway for a maritime interdiction and apprehension.

How much our maritime environment is deserted and far from human eye each and every bit of ocean environment is monitored by many agents of different nations for different perspectives and interests. However in contradictory exploitation Sea for crimes and criminalities is significant and drug trafficking, human smuggling and human trafficking are some of the top list crimes cause threat to the national security of states. Even though mankind is capable to monitor every inch of ocean mass still sea is the main supply route for bulk of drugs and narcotics and reporting illegal migration is a common topic in many news forums. The real cause of this enigmatic situation is not nations are not committed to apprehend the culprits but nations are selfish in information sharing. In some conditions different organization in same nation are reluctant to share information for broader maritime picture. As a result many of us are far from complete maritime picture and monitoring maritime environment absolute isolation for individual interest. Especially developing countries like us must focus for integration as we do not have luxuries to spend on very sophisticate and expensive methods as developed nations. Hence every bit of information is really important to   connect the story proper to have a better understanding things are happening in and around our maritime environment. My paper is to propose an effective mechanism to integrate information sharing with national and friendly international bodies to enhance decision making ability to effective interdiction. AIS of merchant vessel tracking and management, VMS on fishing boat management are some of the low cost commercial remote sensing systems which are giving the real time maritime pictures for an effective decision making.

**1. Maritime Domain Awareness   2. Real time picture   3. Integration of maritime picture
4. Integration 5. Maritime crimes**