

ABSTRACT
The Technology enhance Maritime Security
(LIRT Long-range identification and tracking)

Maritime transportation is the most economical mode for mobilizing raw and finished products in bulk. While the dynamics of economics were changing with globalization' and countries were opening their closed door policy, the shipping industry stood and supported the changes by rendering the best services to the world.

Today, the industry is being threatened of being used by crime of which piracy and armed robbery against ships which is the maximum threats that can face maritime security. So ,I will shed light on technology solution for that threats the { **Long-range identification and tracking (LRIT)**}

Long-range identification and tracking (LRIT)

LRIT was one of the outcomes of the Diplomatic Conference in the wake of 9/11 for

enhancing maritime security. LRIT has been introduced as an amendment to SOLAS

Chapter V regulation 19-1, and was adopted on 19 May 2006 by Resolution MSC.202 (81) and came into force from 01 January 2008. LRIT equipment is fitted

on the following types of ships engaged on international voyages⁶⁰:

- Passenger ships, including high-speed passenger craft;

⁶⁰ SOLAS 74 Regulation 19-1, section 2.1.

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- Cargo ships, including high-speed craft, of 300 gross tonnage and upwards; and

- Mobile offshore drilling units.

LRIT equipment will automatically transmit every 6 hours or on receipt of polling

command ⁶¹, the required information without the interference of the operator. The

information that will be transmitted is the ship's identity, its position in latitude and

longitude with date and time of the position. The regulation facilitates the provision

Also we have to answer some questions about LIRT such:

Why are we doing LRIT when we have AIS?

Who pays for LRIT on my ship?

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