Totem E - Navigation Data Auditing

Totem EDA

Totem EDA enables easy identification of Near Misses by analyzing recorded navigational data from Totem ECDIS and/ or Totem VDR. Totem EDA increases safety standards of navigators on ships.

Big Data to enhance and implement navigation safety standards!
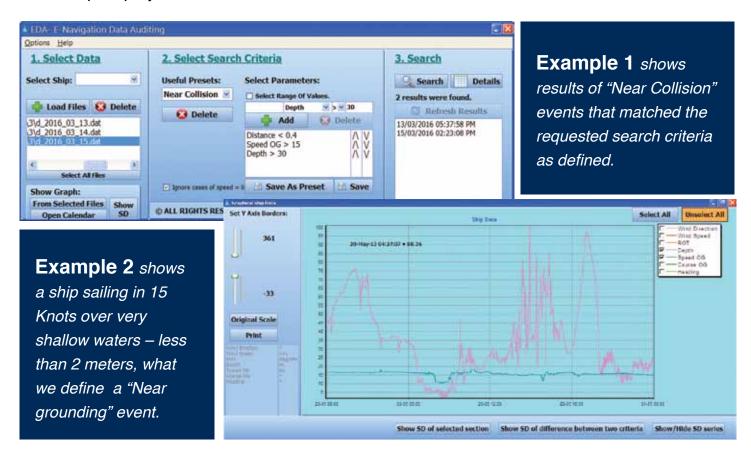

Main Advantages:

➤ Analyzing recorded Totem ECDIS and/or Totem VDR data

➤ Enables easy identification of **NEAR ACCIDENTS**

➤ Feedback to vessels shows marked reduction in UNSAFE EVENTS!!!

➤ **FREE** of charge with the purchase of Totem VDR or Totem ECDIS

Totem
EDA

How it works?

The user can define criteria for events that he wants to search for (Near Collision, Near Miss, Near Grounding). Once an event is defined it can be saved for future use, and the program will search all available data files to find a possible match. The following examples were taken from a recent pilot project:

Example 1 *shows results of "Near Collision" events that matched the requested search criteria as defined.*

Example 2 *shows a ship sailing in 15 Knots over very shallow waters – less than 2 meters, what we define a "Near grounding" event.*

It Works!

During the 6 months Pilot Project, the results were revealed to the crew every month. On the first month the EDA showed 18 "Near Collision" events, some of which were with severe breach of the international regulations for preventing collisions at the sea. As expected, after the crew reviewed the first EDA report, this number was reduced to ZERO, in a period of only one month!

Monitoring the way ships navigate is necessary in order to educate the seafarers and **enhance the required safety standards**. The idea behind EDA is not to find culprits and punish them but to inform the seafarers what is the standard the owners want to keep.

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