



STATE OF ISRAEL

Ministry of Transport, National Infrastructure and Roads Safety



Administration of shipping and ports

EMSA III VTSIM WORKSHOP

LISBON 2014

CAPTAIN GOLDWASSER SHLOMO  
CAPTAIN TZEMACH YAAKOV

Lisbon , April 2014



## INTRODUCTION

- Israeli coast length is approx. 200 km.
- There are approximately 6000 ships calling every year to Israeli ports
- There are 5 major ports in Israel (3 Commercial & 2 Energy)
- The national designated authorities for AIS is:

IMOT - Israeli Ministry of Transport Administration of Shipping & Ports





## MAJOR PORTS & PORT FACILITIES

### ANNUAL SHIP'S CALLING AT 2013

- 1) Haifa : 2800 ships
- 2) Ashdod : 2400 ships
- 3) Eilat : 200 ships
- 4) Hadera : 150
- 5) Ashkelon : 450

Haifa



Ashdod



Eilat



4



- THE AIS INFRASTRUCTURE IS IMPLEMENTED THROUGH A CHAIN ON BASE STATIONS CONNECTED IN REAL TIME TO A CENTRAL SERVER AND PRESENTED AT RCC HAIFA
- THERE ARE THREE "KONGSBERG" 410 MODEL, AIS BASED STATIONS.
- A- MOUNT CARMEL AT 640m ELEVATION, COVERING 46-60nm
- B- ASHDOD LIGHT HOUSE 84m ELEVATION COVERING 30nm
- C- EILAT 40m ELEVATION COVERING 20 nm



- THE SYSTEM IS INCORPERATED IN ONE SERVER WHICH IS LOCATED IN THE PREMISES OF (RCC) HAIFA.
- THE AIS SERVES THE GOALS OF THE "SEARCH AND RESCUE" AND THE ENVIROMENT PROTECTION NEEDS.
- AT THE MOMENT THE INFORMATION IS NOT SHARED WITH OTHER ENTITIES.
- THERE IS ANOTHER AIS SYSTEM CONTROLLED BY THE ISRAELI NAVY TO SERVE THEIR OWN NEEDS
- THE ISRAELI NAVY AIS SYSTEM CAN BE USE IN CASE OF EMERGENCIES THREW THE RCC.



- THE AIS SYSTEM IS READY FOR DISTRIBUTION TO OTHER SYSTEMS
- DATA IS CONSTANTLY UPDATED ON LINE
- AIS DATA IS NOT BEING STORED YET
- ISRAEL HAS NO OBJECTION TO SHARE AIS DATA WITH OTHER BENEFICIARY COUNTRIES
- MASTERPLAN FOR THIS PURPOSE IS EXIST
- THE AIS IS DISPLAYED ON A NAUTICAL CHART
- ANY FISHING TRAWLER REGARDLESS OF SIZE IS EQUIPPED BY B CLASS AIS

Thank You  
Shalom

