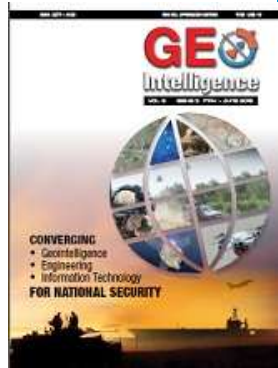




RELEVANCY OF GEO-INTELLIGENCE FOR COASTAL SECURITY

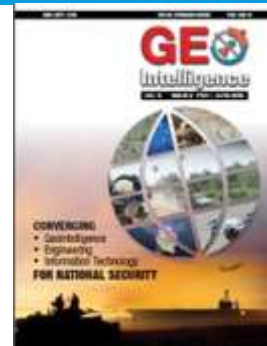


BY

LT COL ABDUL RAHMAN ALAVI (RETIRED)
NATIONAL DEFENCE UNIVERSITY OF MALAYSIA



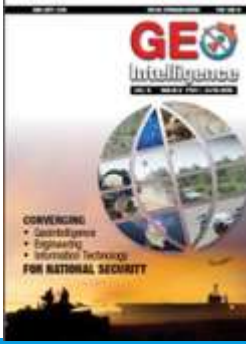
AIM



The aim of this presentation
is to Discuss the Enhancement of
Geo-Intelligence Capability in Coastal
Defence of Eastern Sabah Security
Zone



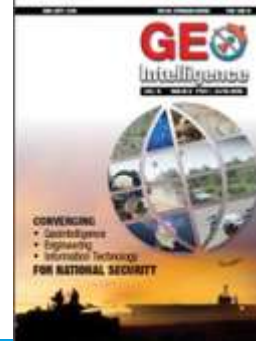
SCOPE OF DISCUSSION



- DEFINING GEOSPATIAL INTELLIGENCE (GEOINT)
- EASTERN SABAH SECURITY COMMAND (ESSCOM)
- THE SECURITY ARRANGMENT
- ACADEMIC OBSERVATIONS
- CONCLUSION



WHAT IS GEOINT



GEOINT IS AN INTELLIGENCE DISCIPLINE COMPRISING THE EXPLOITATION AND ANALYSIS OF GEOSPATIAL DATA AND INFORMATION TO DESCRIBE, ASSESS, AND VISUALLY DEPICT PHYSICAL FEATURES AND GEOGRAPHICALLY REFERENCED ACTIVITIES ON EARTH

THE METHODOLOGY OF GATHERING THESE INTELLIGENCE MAY INCLUDE IMAGERY, SIGNALS MEASUREMENTS AND SIGNATURES, AND HUMAN SOURCES



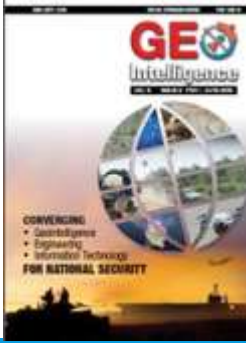
EASTERN SABAH SECURITY COMMAND (ESSCOM)



- SABAH IS CHARACTERISED BY A DIVERSE SECURITY ENVIRONMENT ESPECIALLY ITS EASTERN COAST HAVING ITS OWN SET OF PROBLEMS
- IT HAS A COASTLINE OF MORE THAN 1700KM
- SABAH HAS BEEN THE EPICENTRE FOR MARITIME SECURITY ISSUES
- MAIN CRIMINAL ACTIVITY IS KIDNAP-FOR-RANSOM (KFR). IN ADDITION COMMON MARITIME CHALLENGES POSED BY PIRACY, NARCOTICS, TRAFFICKING, VIOLENT EXTREMISM AND ORGANISED CRIME
- AFTER THE INCIDENT IN YEAR 2000, SPECIAL OPERATION WAS LAUNCHED BY MAF
- IN SPITE OF THE INSURANCE, LAHAD DATU WAS INVADED in 2013
- ESTABLISHMENT OF ESSCOM AND ESSZONE



ESSZONE AREA OF RESPONSIBILITY





ESSCOM

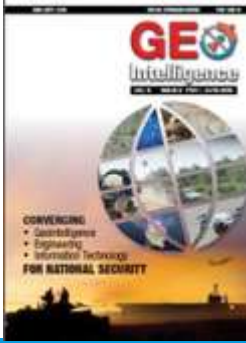


CORE STRATEGIES FOR ESSCOM

1. Strengthening Security Management In Integrated Manner
2. Strengthening The Effectiveness of Information Sharing
3. Strengthening Cooperation Among Relevant Agencies & Relocating Water Villages



THE SECURITY ARRANGEMENT

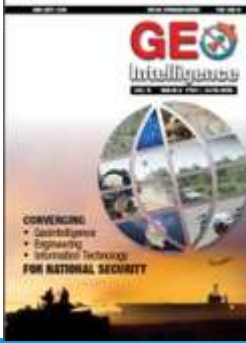


THE AREAS NEED ENHANCEMENT:

- INTEGRATION IN OPERATIONAL PLANNING
- SHARING OF INFORMATION AND INTELLIGENCE
- COMPATIBILITY OF SYSTEM
- DATA ANALYST



ACADEMIC OBSERVATIONS

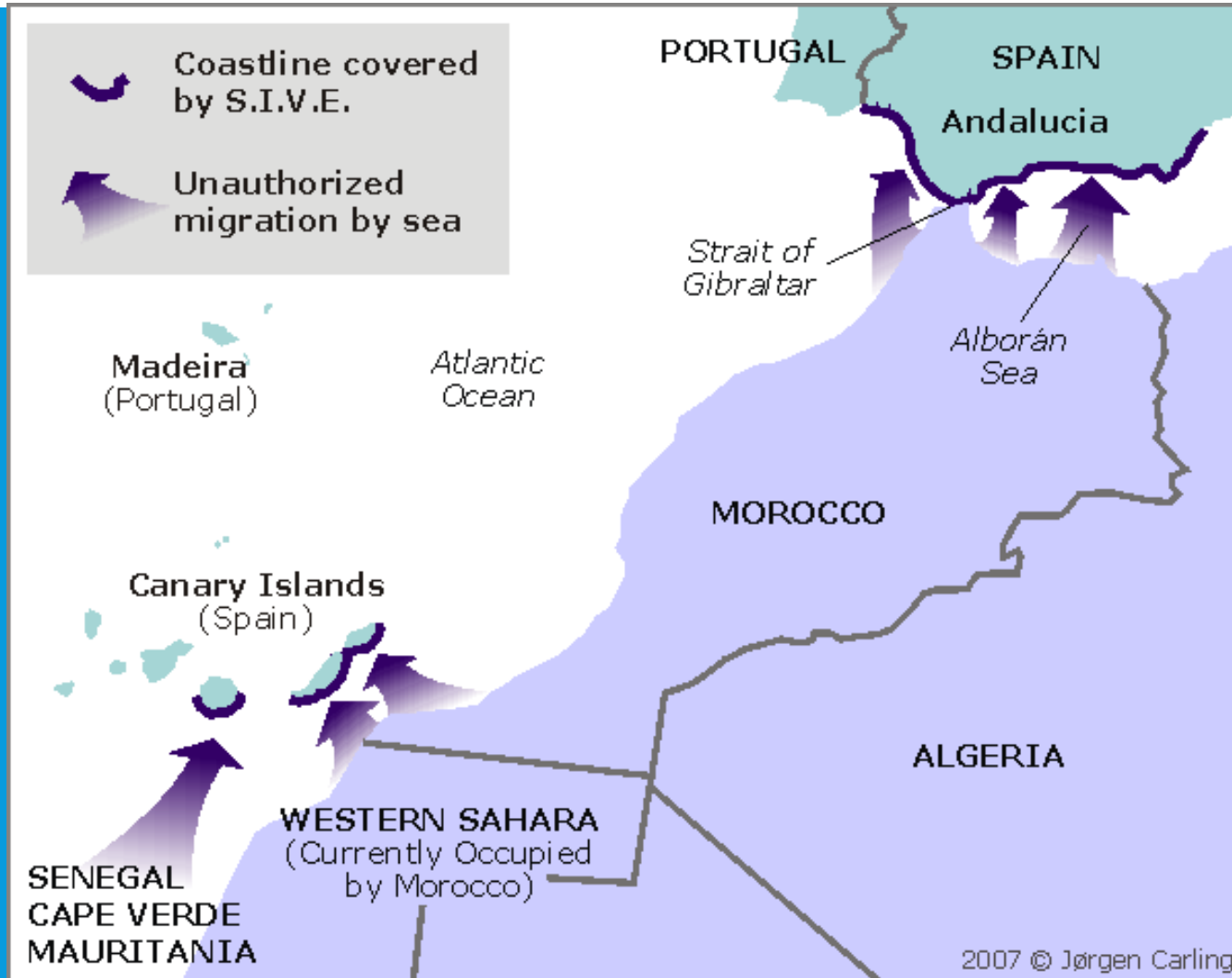


In order to benefit the efforts based on the observation, operational design, appreciation of situation, it is deduced :

- OPERATING AS SINGLE ENTITY
- APPROPRIATE GEOINT MECHANISM – Integrated System for External Vigilance (S.I.V.E)
- RAPID RESPONSE TEAM
- DATA ANALYST

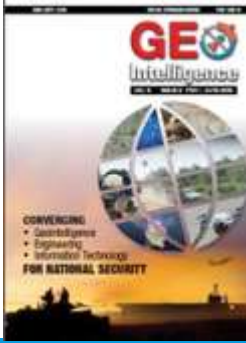


S.I.V.E. COVERAGE





CONCLUSION



THANK YOU FOR LISTENING