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Know the Earth...Show the Way

Empire Challenge 2008 Multi-Domain Awareness (MDA) Overview Briefing

9 May 2008



Multi-Domain Awareness TIG Lead



What is Multi-Domain Awareness?



- We are not Maritime Domain Awareness
- We are: Multi–INT
 - HUMINT, SIGINT, MASINT, IMINT, GEOINT
- We are: All Domain
 - Bridge Land, Sea, Space
 - Bridge country, service and organizational boundaries
- We are: Awareness
 - We deliver actionable information
 - Not just delivery of products

MDA Overview

Events:

- Ships Activity Pt Mugu
- DTRA WMD "release" and TST associated activity
 - High Value Target tracking and persistence surveillance
- Biometric collection and PED
 - Simulated Coast Guard and Vessel Boarding (San Francisco)
 - Latent lifts at China Lake

Sensors:

- Aircraft:P3-LSRS, JSTARS, Paul Revere, Light Hawk, Golden eye, scan eagle, coyote
- National sensors
- UGS and Chemical sensors
- OGC pilot and resources

Objectives

- Data discovery
- Sharing collected/exploiting data near-real time
- Exercise Command and Control (C2)



MDA Schedule (July)

					3
14	15	16	17	18	CHALL ENGE 20
MDA Grnd #1 LSRS (PO)	DT Sea #1 LSRS (PO)	No Fly SF Ship boarding LSRS (PO)?	MDA Sea #1 LSRS (PO)		
21	22	23	24	25	
Biosim rel 9/12 LSRS (Ops)	Biosim rel 9/12 DT Sea #2 LSRS (Ops) Paul Revere	Biosim rel 9/12 MDA Grnd #2 LSRS (Ops) Paul Revere	Biosim rel 9/12 MDA Sea #2 LSRS (Ops) Paul Revere (sea)	No Fly	
28	MDA Sea #3 MDA Grnd #3 U-2 12-4PM emitters 12-2 LSRS (Ops) Paul Revere	30 MDA Grnd #3?	31 MDA Grnd #3? Safe House Raid	1 No Fly	

UNCLASSIFIED

MDA Ship Tracks – Hopeless (transport ship) offloads III Sung (suspect ship) at T1

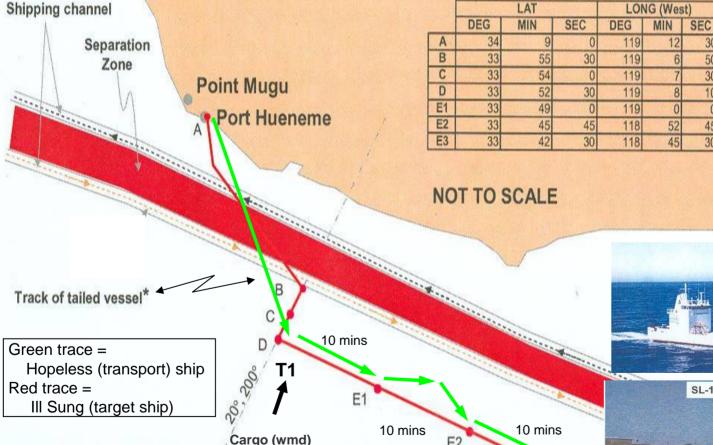
Waypoint Definitions (DD:MM:SS)



Ship Days

In work 17, 24, 29 July

Time at T1 is: 10:37 22 July 10:29 24 July 10:30 29 July



transfer Point

(T1), end at E1

E2

SL-120 Vessel

ATLAS

Prudentia Per Proelium...Wisdom In Battle

prior to mission.

* Vessel to be tailed is to be identified from

current AIS data (from Data Logger),

and Marine Exchange data obtained



DTRA Biosimulant Release Air Cannons



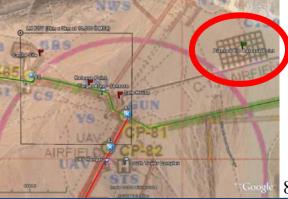
Clarification !! This test is Not associated with MDA Scenario or Thread



Available 21-24 July 2x per day (9am & 12noon?)

Tryptic Soy Broth Powder

Echo Range, C-130 Airfield



JNCLASSIFIED

Detailed MDA Scenario



- Draft completed
 - coordinated with TF command, PS TIG and OPFOR Leads
- Will be posted on Wiki and EC web site

Event	Time	Chk Point	Lat/Lon	comments