



ERTSS

Threats to NM/RM Transports

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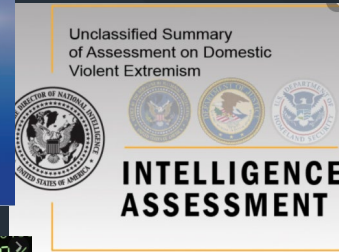
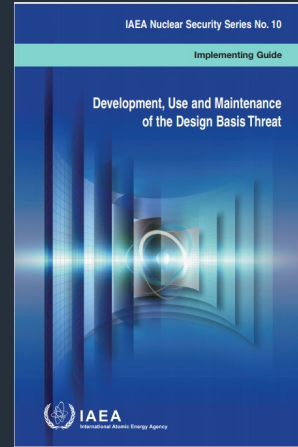
Contents

- Threat Spectrum
- Threat Actors/Vectors and Themes
 - International Counter Terrorism (ICT)
 - Hostile State Actor (HSA) – Espionage, Transition To War (TTW)
 - Domestic Extremism (DE) - Protestors
 - Organised Crime – Piracy, etc.
 - Cyber
- Mitigations
- Conclusion & Q's

Threat = Intent x Capability

How NTS Identifies/Assesses Transport Threats

- NSS 10
 - Threat Assessments (TA) annual, sector, and bespoke
 - DBT or RTS?
- Collection Coordination & Intelligence Requirements Management (CCIRM)
- Threat Management Strategy
 - Collection Plan
 - Request for Info (RFIs)
 - Sources & Agencies (SANDAs)
 - International Liaison
- Intelligence Preparation of the Environment (IPE)
- Nuclear Carrier Security Team Competence
- Competent Nuclear Security Authorities (ONR, NRC, NRA etc)



Threat Spectrum

MOST LIKELY



MOST DANGEROUS

Key Threat Actors/Vectors

- The new head of MI6 - Richard Moore elaborated on the existential CBRN threat from international terrorist in the Times (UK, Sunday 25 Apr 21)
- Suez Redirection of Traffic (29 Mar 21)
- Anti Nuclear Protestors GE VRR Nordenheim (11 Oct 20)
- Immigrants/Stowaways - troops from the Special Boat Service, naval special forces, boarded the Nave Andromeda near the Isle of Wight (25 Oct 20)
- Brazil gunmen shoot at convoy carrying nuclear fuel in Angra dos Reis (20 Mar 19)
- Belgian Terror Attacks (22 Mar 17)



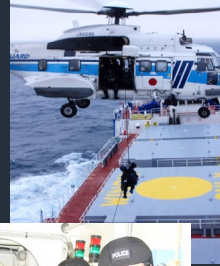
Key Threat Actors/Vectors

- Chinese coast guard vessels entered Japan's territorial waters near the China-claimed Senkaku Islands (Feb 21)
- The U.S. Theodore Roosevelt Carrier Strike Group entered South China Sea to conduct routine operations including maritime strike exercises (Feb 21)
- Yemeni Houthis – claimed to have launched ten Samad -3 against Tanura, the world's largest oil export terminal (7 Mar 21)
- North Korea's test of two short-range ballistic missiles (25 Mar 21) – LoC Korean Peninsular and Sea of Japan
- The Chinese carrier *Liaoning* power projection cruises past Okinawa and conducted manoeuvres off Taiwan (20 Apr 21)



Mitigations?

- Organic Armed Escort Forces
 - CNC SEG undertakes the armed escort of NM in the UK and overseas
- State Support to UK Interests
 - UK Police
 - UK Military
 - UK Special Forces
- CPPNM - States Parties – mutual aid
 - French & Portuguese Naval vessels
- Host Nation Protection Forces
 - Japan CG
 - USCG
 - French Gendarmerie
 - NNSA OST



Maritime Integration of Security Forces and Staff

- Develop threat based scenarios based on the DBT
- Craft Tactics Techniques and Procedures (TTPs)
- Exercise Command & Control via Table Top Exercise (TTXs), Command Post Exercises (CPX)
- Integration in pressurised serials is key
- Demonstrate Interoperability with force protection/response forces

