RESPONDING TO A MARITIME EMERGENCY INVOLVING RADIOACTIVE MATERIAL

J. Stewart

International Atomic Energy Agency



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WHAT IS THE ISSUE

- In the event of an emergency involving a ship carrying radioactive material there may be the need to involve coastal states in emergency response.
- The emergency may not involve the radioactive material but it is possible that its presence could lead to complications



WHAT MIGHT HAPPEN?

- Fire
- Damage to the ship
- Pollution
- Unlawful acts threatening the safety of the ship and the security of its passengers and crew.
- Personnel accidents
- Cargo-related accidents
- Emergency assistance to other ships



WHERE?

- Port (including roadstead and anchorage situations)
- Inland waters
- Territorial waters
- Exclusive economic zones (EEZ)
- Search and Rescue area (SAR)
- Continental shelf
- International waters



WHO IS INTERESTED?

- Coastal states
- States which border international waterways
- A state in whose territorial waters an event occurs (if not in international waters)
- Responding states
- Search and Rescue (SAR) responders
- Radiation protection specialists



WHY IS INFORMATION NEEDED?

- Public re-assurance
- Safety of workers
- Safety of public
- Safety of environment
- Demonstration of regulatory compliance



INFORMATION FROM THE SHIP

- Ships log (report of event) including casualty reports
- Any survey of ships damage
- Any survey of package damage
- Any monitoring results



WHAT MIGHT A COASTAL STATE DO?

- Before Arrival (if possible)
 - Review ships log/incident report
 - Review crew provided data
 - Assess safety of cargo as far as possible



WHAT MIGHT A COASTAL STATE DO?

- On arrival
 - Contamination monitoring of urgent casualties
 - Survey ship damage (providing radiation protection)
 - Physical check of cargo (providing radiation protection)
 - Radiological survey of cargo
 - Assess safety of cargo



WHAT MIGHT A COASTAL STATE DO?

- Ongoing
 - Environmental monitoring



DOCUMENT PROVIDES

- A review of the wide range of materials that might be carried by sea, providing brief descriptions of each
- A background analysis of what information might be important and why
- Examples of where this information might be sourced
- Examples of typical values
- Examples of "trigger" levels



NEXT STEPS

- Work in progress
- Draft developed by the small group representing Member States
- Secretariat review underway
- Wider consultation target TRANSSC November
 - Decision will be made as to the future viability of the work, and whether it should be
 - issued as a separate document
 - incorporated in an existing document
 - expanded to cover air transport



Thank you

The future Working together

