

Technical Expert Roles in Effective Inter-Agency Cooperation

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Partner Agencies

STRATEGIC TRADE ACTION COMMITTEE

1. Ministry of International Trade & Industry (MITI)
2. Ministry of Foreign Affairs (MOFA)
3. National Authority, Chemical Weapons Convention, MOFA
4. National Security Council (NSC)
5. Attorney General Chambers (AGC)
6. Disease Control Division, Ministry of Health (MOH)
7. Pharmaceutical Services Division, Ministry of Health (MOH)
8. Pesticide Control Division, Ministry of Agriculture (MOA)
9. Veterinary Services Division, Ministry of Agriculture (MOA)
10. Royal Malaysian Customs (RMC)
11. Royal Malaysian Police (RMP)
12. Malaysia Maritime Enforcement Agency (MMEA)
13. Atomic Energy Licensing Board (AELB)
14. Malaysia Communication and Multimedia Commission (MCMC)
15. Science and Technology Research Institute for Defence (STRIDE)



Role and Function of Technical Experts in Strategic Trade Control

- Roles of technical experts in support of an export control system
- Technical experts pools of resources
- Understand the different types of technical experts that may be required



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Elements of Effective Export Control Systems

Licensing

- Development of multilateral control lists and guidelines
- Regulations and Control Lists consistent with multilateral norms
- License review process competently assesses proliferation risk associated with end-uses and end-users

Enterprise Compliance

- Government outreach programs educate and assist strategic commodity suppliers and technology holders to comply with export control requirements
- Strategic commodity suppliers and technology holders implement effective internal compliance programs

Enforcement

- Customs personnel and border guards sufficiently trained to recognize WMD-related materials and equipment and empowered to target and inspect suspicious shipments
- Customs personnel have access to analytical support

Each element depends on technical expertise



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Why Technical Experts are important in Export Control

- “WMD proliferation” involves complex, specialized technologies
- The ability to address technical questions and provide factual advice to government officials, industry and enforcement organizations requires
 - Knowledge of weapon (nuclear, chemical, biological, missile delivery) and non-weapon (research, industrial) uses of controlled and dual-use technologies
 - Ability to combine WMD expertise with specialized knowledge of proliferation issues and export control policies
 - Ability to identify whether item is controlled or not



Technical Support of Export Control

- Assist in the development and periodic review of national and international control lists
 - Identify material, equipment, and technology that contribute to WMD programs
 - Monitor emerging technology developments
 - Assess technical significance and controlled commodities
- Provide Commodity Identification Training(CIT) and consultation to government officials involved in nonproliferation and export control



Classification of Products or Items

Strategic Items

Listed

A. Military

B. Dual-Use

- 1) Nuclear Materials, Facilities & Equipment
- 2) Materials, Chemicals, Microorganisms and Toxins
- 3) Material Processing
- 4) Electronics
- 5) Computers
- 6) Telecommunications and Information Security
- 7) Sensors and Lasers
- 8) Navigations & Avionics
- 9) Marine
- 10) Propulsion Systems, Space Vehicles & Related Equipment

Unlisted

- If a person is informed by the relevant authority; OR
- If a person knows/has reason to believe that the item will or may be used for a restricted activity.

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Technology Advances Require Periodic Review of Lists

- New technologies are developed
- Some old technologies become obsolete
- Some old technologies find new applications
- Equipment gets smaller, lighter, faster, cheaper
- Equipment gets more precise, more accurate
- New markets emerge to drive technology development, and new technologies open up new markets



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Assessing Technical Significance and Controllability

Criteria technical experts must evaluate when considering modifications to the control lists:

Technical Significance

- *Are these commodities controlled under the latest list of STA 2010?*
- *Will/ Could these commodities be used in WMD ?*
- *Enduser?*



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Technical Experts Support Industry Compliance

Participate in export control outreach

- Industry workshops seek to raise awareness and promote export control compliance by provide latest information on national and international control lists, export control laws and regulations, commodity identification and classification
- Industry may “know what they make, but they don’t always know what’s controlled.” Technical experts can provide information about the items on the control lists, including technical specifications and reasons for control



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Technical Experts Strengthen Enforcement Capabilities

- Provide WMD nonproliferation awareness and Commodity Identification Training (CIT) for enforcement officials
- Serve as technical consultants for frontline customs inspectors, port authorities and police investigators



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Technical Export Control Specialists Capabilities

- Collective ability to address technical questions across the full range of WMD-related items subject to export control
- General knowledge of the civilian and military uses of these items
- Ability to combine their technical expertise with specialized knowledge on proliferation and export control
- Ability to provide objective, factual advice and to work closely and productively with STS officials



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Thank you

