Short Presentation on Affordability in the International Environment Panel

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Renya Inagaki, Defense Research Center, Japan
Japanese Government Contribution to International Cooperation mainly by JSDF

• International Peace Cooperation Activities
  – Cambodia, Timor-Leste (UNMIT), Haiti(MINUSTAH), Sudan, UNDOF (UN Disengagement Observer Force)

• International Disaster Relief Activities  Flooding in Pakistan, Christchurch earthquake

• Humanitarian support

• Cooperation in Efforts toward the Reconstruction of Iraq

• Activities to Respond International Terrorism
  – Support of Counter-Terrorism Maritime Interdiction Activities
    • Supply of ship fuel, fuel for helicopter in ships and water for 12 countries
    • 511,105 KL fuel supply (total 904times during Sept. 2001~ Nov. 2007)
    • 27,005 KL fuel supply (total 145 times during Jan. 2008 ~ Jan, 2010)

• Anti-piracy efforts
  – Dispatching ships and patrol aircraft to the Gulf of Aden & Somalia east coast
    • Dispatching two destroyers for escorting and p-3C fixed wing patrol aircraft
Effectiveness of ACSA (Acquisition and Cross-Servicing Agreement) (Current ACSA of Self Defense Force of Japan)

• With USA (Between Armed forces of USA and SDF of Japan) updated in 2004
  Reciprocal Provision of Logistic Support, Supplies and Services
  Foods, water, fuel, lodging, transportation, communications, storage, parts, repairing, munitions excluding weapons
  Mutual air-to-air refueling in military exercise (since Oct.2010)
• With Australia
  May 2010  (excluding munitions and weapons)
• With Canada (Between SDF of Japan and Armed forces of Canada)
  – Agreed to negotiate with each other in August of 2011
• Japan-side restrictions based upon weapons-export-ban policies
  – Recent relaxation of bans of arms exports by government top spokesman
  – Japan can participate in joints efforts (such as joint development and production) with friendly nations keeping basic restrictions still
Japanese Main Weapon Systems Commonality with US ones

• **Import (mostly through FMS)**
  - AWACS, E-2C, AEGIS weapon system
  - E767 tanker, C-130H, MH-53E helicopter, (F-35)
  - Standard Missile 1,2,3, CIWS (Close-In Weapon System), Harpoons
  - Launcher MK-41, MK-48

• **License Production**
  - F-15, P-3C, CH-47
  - PATRIOT PAC-3
  - ASROC, ESSM

◆ **Logistics problems about FMS equipment/systems maintenance**
  Foreign Military Sales from US to friendly countries
  -- PROS (parts and repair ordering system for FMS customers) II, III, (IV)

◆ **JMOD has become eager to introduce PBL contracts**
  -- Trial contract for EC-225LP(transportation helicopter) Cf. MCH-101 helicopter
Possibility of International Affordability Enhancement Among Friendly Countries (1)

- Parts & services availability (timeliness) improvement by utilizing contractors’-based quasi international defense-related supply chain management
  - Assuming commonality of parts/services in equipment/systems among friendly countries for operation and maintenance
  - Based on in-advance general agreements between governments concerned expecting PBL contracts awarded from each government to contractors concerned
    - Mutual repaired/spare parts/subsystems exchange or pre-production based on PBL contracts
    - Effective linkage between prime’s support system and local subcontractors’ support systems
- O&M support facilities common use for maintenance and operational level effectiveness enhancement
  “based on international/bilateral general agreement”
Possibility of International Affordability Enhancement Among Friendly Countries (2)

• Parts & services availability (timeliness) improvement by utilizing contractors’-based quasi international defense-related supply chain management

• O&M support facilities common use for maintenance and operational level effectiveness enhancement

  “based on international/bilateral general agreement”
  – Assuming equipment/systems commonality through such as FMS procurement
  – Mutual functional confirmation of repair/spare parts using common O&M support facilities
    • Especially for repairing and remanufacturing parts/subsystems for FMS systems
  – Common use of operation and maintenance support laboratory /testbeds between US and Japan
    • For example function confirmation & data alignment use at an O&M facilities/laboratory
    • AWACS, AEGES weapon systems, F-35