

**Short Presentation on
Affordability in the International
Environment Panel**

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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