WASHINGTON, DC

Reply ZIP Code:
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10 March 95

J-5A 01063 -95

MEMORANDUM FOR: Deputy Assistant Chief of Staff for Operations and Plans (Joint Affairs) HQ USA
Assistant to Deputy Chief of Naval Operations for JCS Matters
Senior Planners for JCS and NSC Matters (XOXJ), DCS Plans and Operations HQ USAF
Marine Corps Service Planner

Subject: Request for Data in Support of Global Exchange of Military Information

1. In December 1994 in Budapest, the Organization for Security and Cooperation in Europe (OSCE) adopted a Global Exchange of Military Information (GEMI).* Under this measure, US forces are obligated to provide, among other things, aggregate information on personnel peacetime authorizations and equipment holdings.

2. The US Government fully supports the GEMI initiative and will provide the necessary data and information to comply with established timelines. The first GEMI exchange is 1 July 1995, with subsequent exchanges occuring on 30 April. Data and information are "as of" 1 January of each year. Final formats are being developed in Vienna, and should be available on/or about 1 March 1995.

- OSD (A&T) has primary responsibility for ensuring US military compliance with the GEMI measure.
- OSD will collect and forward Defense Information to STATE for Interagency consideration/approval for release to OSCE.
- Based on input from the Services, the Joint Staff will provide OSD the personnel and equipment information, import and production data, organizational information, and technical information/photographs of in-service equipment.

3. The deadline for the Joint Staff submission to OSD is 31 May (for 1995), and 4 April for each year thereafter. To meet this suspense, request each Service provide the Joint Staff respective data and information on military equipment and personnel at the appropriate disaggregated levels, and technical data and photographs NLT 15 May 1995 (28 March every year thereafter). Additional guidelines are at Enclosure A. Formats for reporting required information are at Enclosure b.

4. The US has an outstanding record in fulfilling the various arms control agreements, a record the more impressive given the breadth and scope of our requirements. Your continued assistance in providing accurate and complete information within the confines of the GEMI measure is appreciated.

5. Please inform us immediately if you foresee any difficulties in complying with the above request. The Joint Staff POC for GEMI is LTC Bob Huddleston, J-5/CACD, x53838.

FOR THE DIRECTOR FOR STRATEGIC PLANS AND POLICY:

LTC, USA

PETER E. RIEDEL
Colonel, USA
For Military Secretary
Directorate of Strategic
Plans and Policy

Enclosures

cf: OSD (A&T)

I. Information on Command Structure.

1. Information will be provided for general or equivalent staff (para 2.1).

--Requirement. Provide information on Joint Staff location and peacetime authorized strength.

--Responsibility. Joint Staff, J-5, CACD.

2. Information on the command organization of the forces referred to in paragraph 1 (conventional armed forces, on US territory as well as worldwide) will be provided according to the provisions of paragraph 4.1(level of disaggregation).

--Requirement. Provide the designation (unit name), first level of subordination (next higher), and the normal peacetime location of headquarters, specifying the exact geographic terms and/or coordinates as specified below:

-Army: Divisions.
-Navy: Numbered Fleets
-USAF:
-USMC: Divisions

--Responsibility: Services.

3. Information on Personnel will be provided.

--**Requirement A**. Peacetime authorized personnel strength:

-Army: For US-based forces, aggregate at numbered Army level.
-Navy: For US-based forces, aggregate at Service level.
-USAF: For US-based forces, aggregate at Service level.
-USMC: For US-based forces, aggregate at Army equivalent level, or next lower echelon.

-All Services: For US forces beyond US territory, aggregate at Service level for each of the following regions: Europe; East Asia & Pacific; North Africa, Near East,& South Asia; Sub-Saharan Africa; Western Hemisphere (minus US).

--Responsibility: Services.

Requirement B. Total peacetime authorized conscripts and total authorized professional officers/enlisted.

Requirement C. Total actual number of peacetime officers/enlisted on active duty by rank.

-All Services: Total peacetime authorized by grade.

--Responsibility. Services.

Requirement D. Total personnel in reserve status who have completed their initial military service or training and who have been called up or have reported voluntarily for military service or training since the last exchange of information.

-All Services: Not applicable.

--Responsibility. DMDC.

Requirement E. Total military personnel serving under the command of the United Nations or under a mandate of the OSCE.

-All Services: One number for aggregate number of personnel serving with a UN or OSCE mission (ignore the question of command relationships).

--Responsibility. Services.

II. Information on Holdings of Major Weapon and Equipment Systems. Information will be provided on the following major weapon and equipment systems (minus those undergoing testing or evaluation, or museum pieces):

-battle tanks
-armored combat vehicles
    --armored personnel carriers
    --armored infantry fighting vehicles
    --heavy armament combat vehicles
-armored vehicle launched bridges
-anti-tank guided missile launchers permanently/integrally mounted on armored vehicles
-self-propelled and towed artillery
    --guns, howitzers and artillery pieces combining the characteristics of guns and howitzers, 100mm caliber or larger
    --mortars, 100mm caliber or larger
    --multiple launch rocket systems, 100mm caliber or larger
-aircraft
    --combat aircraft, specifying total number of aircraft capable of operating from aircraft carriers

--combat support helicopters
--military transport helicopters
-surface warships, greater than 400 tons fully loaded displacement
-submarines greater than 50 tons submerged
(Definitions provided separately)

-All Services: Provide information on equipment at the levels as described for personnel, in requirement 3A above, as well as a US national aggregate number.

--Responsibility. Services.

III. Technical Data and Photographs. Specifications provided separately.

--Responsibility. Services.

IV. Weapon and Equipment Systems Newly Entered into Service. Information on total number of items by **category** (not by type) which entered into service in the previous year through national production, or through imports.

--Responsibility. TBD.

V. Glossary of Terms. Terms, Acronyms, and abbreviations used in the implementation of GEMI.

--Responsibility. Joint Staff, CACD.

TECHNICAL DATA AND PHOTOGRAPHS

1. Photographs of ground equipment, helicopters, and aircraft will present left or right side, top and front views for each of the types of equipment of categories listed in the GEMI measure. Photographs of all exemplars are not required (e.g., M1A1, M1A2, etc).

2. Photographs shall be in black and white. The object being photographed shall contrast with the background of the photograph. All photographs shall be of high definition, with continuous tone and in sharp focus. Photographs measuring 13 by 18 centimeters, not including a border, shall be provided. For aspects other than overhead, all photographs shall be taken from the same level as the equipment being photographed, with the camera placed along or perpendicular to the longitudinal axis of the object being photographed. For the top view, photographs shall show the top and may show the rear aspects of the equipment. The object being photographed shall fill at least 80 percent of the photograph in either horizontal or vertical aspect. (A reference gauge shall be included in each photograph of ground equipment and aircraft. The gauge shall have alternating half-meter sections in black and white. It shall be long enough to provide accurate scaling and shall be placed on or against the object or in close proximity to it.) Each photograph shall be labelled with the information prescribed below.

3. The photographs shall be annotated to include technical data to include type or class; national nomenclature/name; and general characteristics and capabilities as outlined below.

4. Consistent with the GEMI measure, photographs of the following types are **not/not** required:

<u>Battle Tanks</u>:
M1
M-47
M-60
T-55
T-62
T-72

<u>Armored Combat Vehicles</u>
AAV P7A1 Amphibious Assault Vehicle
LAV-25 Light Armored Vehicle
M113 Armored Personnel Carrier
MT-LB Armored Personnel Carrier
M2/M3 Bradley Armored Infantry Fighting Vehicle

BMP-1 Armored Infantry Fighting Vehicle

ATGM
M113 E/W Tow
M901

Guns/Howitzers
155mm M44 SP Howitzer
105mm M101 Towed Howitzer
105mm M102 Towed Howitzer
155mm M109 SP Howitzer
203mm M110 SP Howitzer
105mm M119 Towed Howitzer
155mm M198 Towed Howitzer
122mm 2S1 SP Howitzer
152mm 2S3 SP Howitzer

Mortar
107mm/4.2
120mm M120

Multiple Launch Rocket System
227mm MLRS

Armored Vehicle Launched Bridge
M48 AVLB
M60 AVLB

Combat Aircraft
A-10
EA-6B
F-4
F-15
F-16
F-111
F-117
F/A-18C
P-3

Attack Helicopters
AH-1 Cobra
AH-1W Super Cobra
AH-6 Apache

Combat Support Helicopters
Chinook
CH-46E
CH-53
CH-53E
Blackhawk
Kiowa

Multi-Purpose Attack Helicopter
OH-58C
UH-1H
UH-1N
Blackhawk

5. General Characteristics and Capabilities.

a. Battle Tanks

1) Type
2) National Nomenclature/Name
3) Main Gun Caliber
4) Unladen Weight
5) Night Vision Capability yes/no
6) Additional Armor yes/no
7) Track Width cm
8) Floating Capabilities yes/no
9) Snorkelling Equipment yes/no

b. Armored Combat Vehicles

-Armored Personnel Carriers
1) Type
2) National Nomenclature/Name
3) Type and Caliber of Armaments, if any
4) Night Vision Capability yes/no
5) Seating Capacity
6) Floating Capability yes/no
7) Snorkelling Equipment yes/no

-Armored Infantry Fighting Vehicles
1) Type
2) National Nomenclature/Name
3) Type and Caliber of Armaments
4) Night Vision Capability yes/no

5) Additional Armor yes/no
6) Floating Capability yes/no
7) Snorkelling Equipment yes/no

-Heavy Armament Combat Vehicles
1) Type
2) National Nomenclature/Name
3) Main Gun Caliber
4) Unladen Weight
5) Night Vision Capability yes/no
6) Additional Armor yes/no
7) Floating Capability yes/no
8) Snorkelling Equipment yes/no

c. Armored Vehicle Launched Bridges
1) Type
2) National Nomenclature/Name
3) Span of Bridge __meters
4) Carrying Capability __metric tons

d. Anti-Tank Guided Missile Launchers

1) Type
2) National Nomenclature/Name

e. Self-propelled and Towed Artillery Pieces, Mortars, and Multiple Rocket Launchers (100mm Caliber and above)

-Artillery Pieces
1) Type
2) National Nomenclature/Name
3) Caliber

-Mortars
1) Type
2) National Nomenclature/Name
3) Caliber

-Multiple Launch Rocket System
1) Type
2) National Nomenclature/Name
3) Caliber
4) Number of Tubes

f. Aircraft

-Combat Aircraft
1) Type
2) National Nomenclature/Name
3) Type of Integrally Mounted Armaments, if any
4) Aircraft Carrier Capable yes/no

-Military Transport Aircraft
1) Type
2) National Nomenclature/Name
3) Maximum Payload __kg

-Primary Trainer Aircraft
1) Type
2) National Nomenclature/Name

g. Helicopters

-Attack Helicopters
1) Type
2) National Nomenclature/Name
3) Type of Integrally Mounted Armaments

-Combat Support Helicopters
1) Type
2) National Nomenclature/Name

-Military Transport Helicopters
1) Type
2) National Nomenclature/Name
3) Maximum Payload __kg

h. Surface Warships

1) Class
2) National Nomenclature/Name
3) Fully Loaded Displacement __tons
4) Usual Weapons Suite

i. Submarines

1) Class
2) National Nomenclature/Name
3) Fully Loaded Displacement _____tons
4) Usual Weapons Suite

DEFINITIONS
Equipment Categories

1. Battle Tank. Tracked or wheeled self-propelled armored fighting vehicle with high cross-country mobility and a high level of self protection weighing at least 16.5 metric tons unladen weight, with a high muzzle velocity direct fire main gun of at least 75mm caliber, usually capable of 360-degree traverse.

2. Armored Combat Vehicle (ACV). Tracked, semi-tracked or wheeled self-propelled vehicles, with armored protection and cross-country capability. For purposes of this measure, three sub-categories are reportable: armored personnel carriers, armored infantry fighting vehicles, and heavy armament combat vehicles.

a. Armored personnel carrier (APC). An armored combat vehicle which is designed and equipped to transport a combat infantry squad and which, as a rule, is armed with an integral or organic weapon of less than 20mm caliber.

b. Armored infantry fighting vehicle (AIFV). An armored combat vehicle which is designed and equipped primarily to transport a combat infantry squad, which normally provides the capability for troops to deliver fire from inside the vehicle under armored protection, and which is armed with integral or organic weapons of at least 12.5 caliber or sometimes an antitank missile launcher.

c. Heavy armament combat vehicle (HACV). An armored combat vehicle with an integral or organic direct fire gun of at least 75mm caliber, weighing at least 6.0 metric tons unladen weight, which does not fall within the definitions of an armored personnel carrier, or an armored infantry fighting vehicle.

3. Armored Vehicle Launched Bridge (AVLB). Self-propelled armored transporter-launcher vehicle capable of carrying and, through built-in mechanisms, of emplacing and retrieving a bridge structure. Such a vehicle with a bridge structure operates as an integrated system.

4. Anti-tank Guided Missile Launcher (ATGM). Self-propelled tracked or wheeled armored vehicle with ATGM launcher permanently/integrally mounted, which is not reportable under ACV definitions provided above.

5. Self-propelled and Towed Artillery. Self-propelled and towed guns, howitzers, artillery pieces combining the characteristics of guns and

howitzers, mortars, and multiple launch rocket systems with a caliber of 100mm and above capable of engaging surface targets by delivering primarily indirect fire. Additionally, any large caliber direct fire system which has a secondary effective indirect fire capability shall be reported.

6. Aircraft.

a. Combat aircraft. Fixed-wing or variable-geometry wing aircraft armed and equipped to engage targets by employing guided missiles, unguided rockets, bombs, guns, cannons, or other weapons of destruction, as well as any model or version of such an aircraft which performs other specialized military functions such as electronic warfare, suppression of air defense or reconnaissance missions.

-Combat aircraft capable of operating from aircraft carriers are specifically designed to routinely launch and recover from carrier platforms.

b. Military Transport Aircraft. Military aircraft designed primarily for the carriage of personnel and/or cargo. Transport aircraft may be classed according to range, as follows:

-short range: not to exceed 1200 nautical miles at normal cruising conditions.
-medium-range: between 1200 and 3500 nautical miles at normal cruising conditions.
-long-range: exceeds 3500 nautical miles at normal cruising conditions.

c. Primary Trainer Aircraft. Aircraft designed and constructed for primary flying training and which may possess only limited armament capability necessary for basic training in weapon delivery techniques.

7. Helicopters.

a. Attack Helicopters. Rotary-wing aircraft designed, equipped or modified to engage targets by employing guided or unguided anti-armor, air-to-surface, air-to-subsurface, or air-to-air weapons and equipped with an integrated fire control and aiming system for these weapons.

b. Combat Support Helicopters. Combat helicopter which does not fulfill the requirements to qualify as an attack helicopter and which may be equipped with a variety of self-defense and area suppression weapons, such as guns, cannons and unguided rockets, bombs or cluster bombs, or which may be equipped to perform other specialized

military functions, such as reconnaissance or electronic warfare missions.

c. Military Transport Helicopters. Military helicopters primarily designed to carry personnel and/or cargo, and which are not equipped for employment of weapons.

8. Surface Warship. A ship, greater than 400 tons fully loaded displacement, belonging to the armed forces of a State bearing the external marks distinguishing such ships of its nationality, under the command of an officer duly commissioned by the government of the State and whose name appears in the appropriate service list or its equivalent, and manned by a crew which is under regular armed forces discipline. For purposes of this measure, surface warships may be combatants or auxiliary vessels.

9. Submarine. A warship greater than 50 tons submerged designed for under-the-surface operations with primary mission of locating and destroying ships, including other submarines. It is capable of various other naval missions.

GEMI
REGIONAL DISAGGREGATION

REGION 1 -- EUROPE

(Rule of Thumb: OSCE participating states, minus US and Canada)
Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Holy See, Hungary, Iceland, Ireland, Italy, Kazakhstan, Kyrgyzstan, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malta, Moldova, Monaco, the Netherlands, Norway, Poland, Portugal, Romania, the Russian Federation, San Marino, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, the United Kingdom, Uzbekistan, and Yugoslavia.

REGION 2 -- EAST ASIA and PACIFIC

Key States: Australia, Burma, Cambodia, China, Indonesia, Japan, Repubic of Korea, Laos, Malaysia, New Guinea, New Zealand, Philippines, Singapore, Thailand, Vietnam.

REGION 3 -- NORTH AFRICA, NEAR EAST, and SOUTH ASIA

Key States: Afghanistan, Algeria, Bahrain, Bangladesh, Diego Garcia, Egypt, India, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Maldives, Morocco, Nepal, Oman, Pakistan, Saudi Arabia, Somalia, Sri Lanka, Syria, Tunisia.

REGION 4 -- SUB-SAHARAN AFRICA

Key States: The remainder of Africa less those identified in Region 3.

REGION 5 -- WESTERN HEMISPHERE

Key States: Bermuda, Canada, (Caribbean Basin less US Territories), (Cental America), Cuba, Greenland, Honduras, Mexico, Panama, South America.