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19-Jun-2015

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IMMEDIATE
O 310840Z MAY 89
FM USMISSION GENEVA
TO SECSTATE WASHDC IMMEDIATE 7758
INFO AMEMBASSY MOSCOW PRIORITY 4685
JCS WASHDC IMMEDIATE
CIA WASHDC IMMEDIATE

OF GREAT BRITAIN AND
NORTHERN IRELAND
THE FEDERAL REPUBLIC
OF GERMANY
THE REPUBLIC OF ITALY

~~SECRET~~ SECTION 01 OF 15 GENEVA 04012

ANNEX 11

~~ENDIC~~

NAVIGATION EQUIPMENT AND AIRPLANE ROUTES

MILITARY ADDRESSEES HANDLE AS ~~SECRET~~ EXCLUSIVE

1. NAVIGATION EQUIPMENT

DOE FOR ALESSI/DP-5; JCS FOR J6/DDIN; SECDEF FOR
OSD/ISP, OSD/SACC AND DIA/DI-6; CIA FOR SA/DCI/INF; ACDA
FOR DIRECTOR; SHAPE FOR GEN GALVIN AND POLAD

THE AIRPLANES LISTED IN PARAGRAPHS 7 AND 8 OF PART A
OF SECTION III OF THIS MEMORANDUM ARE EQUIPPED WITH THE
FOLLOWING TYPES OF ON-BOARD NAVIGATION SYSTEMS.

~~TOP SECRET~~ ~~DECL. OADR~~

A. FOR THE UNITED STATES OF AMERICA:

TAGS: PARM, INF, UR, US
SUBJECT: SVC: ANNEXES I-IV TO MEMORANDUM OF AGREEMENT,
U.S. INTERNAL WORKING TEXT AS OF MAY 29, 1989

1. ILS - INSTRUMENT LANDING SYSTEM;
2. INS - INERTIAL NAVIGATION SYSTEM;
3. TACAN - TACTICAL AIR NAVIGATION;
4. ADF - AUTOMATIC DIRECTION FINDER; AND
5. VOR - VERY HIGH FREQUENCY OMNI RANGE STATION.

1. THIS IS SVC-IV-102(B): PART II OF IV. ~~SECRET~~
ENTIRE TEXT.

2. BEGIN TEXT.

B. FOR THE UNION OF SOVIET SOCIALIST REPUBLICS:

ANNEX 1

1. IL-82 AND IL-82M AIRPLANES:

STANDING DIPLOMATIC CLEARANCE NUMBERS
FOR INSPECTION AIRPLANES

(A) NAVIGATION SET:

I. FOR UNITED STATES OF AMERICA'S FLIGHTS TO:

(1) PRECISION HEADING
SYSTEM - TKS-P;

THE UNION OF SOVIET
SOCIALIST REPUBLICS A1 1988 (89 ET
CETERA)

~~SECRET~~ SECTION 02 OF 15 GENEVA 04012

THE GERMAN DEMOCRATIC
REPUBLIC FT 400

~~ENDIC~~

THE CZECHOSLOVAK
SOCIALIST REPUBLIC C2-444444

MILITARY ADDRESSEES HANDLE AS ~~SECRET~~ EXCLUSIVE

II. FOR UNION OF SOVIET SOCIALIST REPUBLICS' FLIGHTS TO:

DOE FOR ALESSI/DP-5; JCS FOR J6/DDIN; SECDEF FOR
OSD/ISP, OSD/SACC AND DIA/DI-6; CIA FOR SA/DCI/INF; ACDA
FOR DIRECTOR; SHAPE FOR GEN GALVIN AND POLAD

THE UNITED STATES
OF AMERICA INF 08-1, 2, ET
CETERA; 89-1, 2, ET
CETERA

~~TOP SECRET~~ ~~DECL. OADR~~

TAGS: PARM, INF, UR, US
SUBJECT: SVC: ANNEXES I-IV TO MEMORANDUM OF AGREEMENT,
(II) DOPPLER VELOCITY
AND DRIFT INDICATOR
- DISS-013;

THE KINGDOM OF THE
NETHERLANDS INF 89-1

(III) AIR DATA SYSTEM -
SVS-PW-15;

THE KINGDOM OF
BELGIUM CD2-800/88

(IV) SHORT-RANGE
RADIO-NAVIGATION
SYSTEM - RSNB-75;

THE UNITED KINGDOM USSR/001/100

(V) SHORT-RANGE
NAVIGATION SYSTEM
AND LOCALIZER -
KURS-WP-2;

+++++ FOR J6 +++++
REVIEW FOR DISTRIBUTION TO CIMCS
SUBMIT JCS-DSS FORM 30 IF REQUIRED

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Chief, Records & Declass Div, WHS
Date: APR 19 2016

ACTION (R.M)

(VI) AIRCRAFT DISTANCE
MEASURING EQUIPMENT
- SAR-87; AND

INFO CJCS-(7) BJS(1) JB(2) JS(1) SHAPE LNO(2)
SECDEF-(8) USDA:AE(1) USDA:STW(1) ASD:PA(2) GC(1)
ASD:PA&E(1) USDP:PDISP(1) USDP:CH(1) USDP:SOBS(1)
USDP:STARTUP(1) USDP:START(1) USDP:VP(1) USDP:TW(1)
USDP:N&AC(1) USDP:NPP(1) USDP:WH(1) USDP:PONP(1)
DI-5(1) JSD-1(1) VP(1) DIO(1) DIA(1)
+OCSA WASHINGTON DC
+CNO WASHINGTON DC
+CSAF WASHINGTON DC
+HQS PENTAGON WASH DC
+HQ AFOSI BOLLING AFB DC
+CSCC WASHINGTON DC
+USCINCSpace PETERSON AFB CO

(VII) NAVIGATION COMPUTER
- NV-PB-1, SERIES 04.

(B) INDIVIDUAL NAVIGATION SYSTEMS AND
INSTRUMENTS:

(1) INERTIAL NAVIGATION
SYSTEM - I-11;

+++++ENDIC++++

MCN=89151/02998 TOR=89151/08402 TAD=89151/0803Z

CDSN=MAU101
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|--------|------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------|
| (II) | AIRCRAFT RADIO
RECEPTION DISPLAY -
ONS-7; | (IV) | SHORT-RANGE
RADIO-NAVIGATION
SYSTEM - RSN-25A; |
| (III) | AUTOMATIC DIRECTION
FINDER - ARK-15; | (V) | SHORT-RANGE
NAVIGATION SYSTEM
AND LOCALIZER -
KRS-MP-2; AND |
| (IV) | RADAR - GROZA-62; | (VI) | NAVIGATION
CALCULATOR - NYU-63. |
| (V) | RADAR ALTIMETER -
RV-5; | (B) INDIVIDUAL NAVIGATION SYSTEMS AND
INSTRUMENTS: | |
| (VI) | AIRCRAFT DISTANCE
MEASURING EQUIPMENT
- SD-67; | (I) | AUTOMATIC DIRECTION
FINDER - ARK-13; |
| (VII) | BAROMETRIC
ALTIMETER - VEM-72
OR UVID-30-15; | (II) | RADAR SET -
GROZA-154; |
| (VIII) | BAROMETRIC
ALTIMETER - VM-13
OR VO-20; | (III) | AIRCRAFT DISTANCE
MEASURING EQUIPMENT
- SD-67; |
| (IX) | JAGER BAROMETRIC
ALTIMETER; | (IV) | RADAR ALTIMETER -
RV-5; |
| (X) | COMBINED VELOCITY
INDICATOR -
KUS-730/1100; | (V) | BAROMETRIC
ALTIMETER - VM-13; |
| (XI) | VELOCITY INDICATOR
- US-1; | (VI) | ALTIMETER - UVID-15F; |
| (XII) | MACH NUMBER
INDICATOR - MS-1K; | (VII) | VELOCITY INDICATORS
- KUS-730/1100 AND
US-1; AND |
| (XIII) | MAGNETIC COMPASS -
KI-13; | (VIII) | MAGNETIC COMPASS -
KI-13. |
| (XIV) | RATE-OF-CLIMB
INDICATORS - VAR-30
MK AND VAR-75; AND | | |

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Date: APR 19 2016

3. TU-134 AIRPLANE:

(A) NAVIGATION EQUIPMENT:

- | | |
|-------|---------------------------------------------------------------|
| (I) | HEADING SYSTEM -
KS-8; |
| (II) | SELF-CONTAINED
NAVIGATION SYSTEM -
NAS-1A OR NAS-1A BK; |
| (III) | SHORT-RANGE
RADIO-NAVIGATION |

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MILITARY ADDRESSEES HANDLE AS ~~SECRET~~ EXCLUSIVE

DOE FOR ALESSI/DP-6; JCS FOR JS/BDIN; SECDEF FOR
OSD/ISP, OSD/SACC AND DIA/DI-6; CIA FOR SA/DCI/INF; ACDA
FOR DIRECTOR; SHAPE FOR GEN GALVIN AND POLAD

~~SECRET~~ DECLASS
TAGS: PARM, INF, UR, US

SUBJECT: SVC: ANNEXES I-IV TO MEMORANDUM OF AGREEMENT,
(XV) OUTSIDE AIR
TEMPERATURE
INDICATOR - TWV-15.

2. TU-154 AIRPLANE:

(A) NAVIGATION SET NK-154:

- | | | | |
|-------|-----------------------------------------------------------------------|------|-----------------------------------------|
| (I) | PRECISION HEADING
SYSTEM - TKS-P-2; | (IV) | AUTOMATIC DIRECTION
FINDER - ARK-11; |
| (II) | DOPPLER VELOCITY
AND DRIFT
INDICATORS -
DISS-3P OR DISS-013; | (V) | RADAR - ROZ-1; |
| (III) | AIR DATA SYSTEM -
SVS-PW-15-4; | (VI) | NAVIGATION AND |

~~SECRET~~ SECTION 04 OF 15 GENEVA 04612

~~SECRET~~

MILITARY ADDRESSEES HANDLE AS ~~SECRET~~ EXCLUSIVE

DOE FOR ALESSI/DP-6; JCS FOR JS/BDIN; SECDEF FOR
OSD/ISP, OSD/SACC AND DIA/DI-6; CIA FOR SA/DCI/INF; ACDA
FOR DIRECTOR; SHAPE FOR GEN GALVIN AND POLAD

~~SECRET~~ DECLASS
TAGS: PARM, INF, UR, US

SUBJECT: SVC: ANNEXES I-IV TO MEMORANDUM OF AGREEMENT,
SYSTEM - RSN-25;

MCN=89151/02988 TOR=89151/0840Z TAD=89151/0803Z

CDSN=MAU101

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LOCALIZER EQUIPMENT
- KURS-MP-1 OR
KURS-MP-2;

TAGS: PARM, INF, UR, US
SUBJECT: SVC: ANNEXES I-IV TO MEMORANDUM OF AGREEMENT.

(VII) VELOCITY INDICATOR
- KUR-1200 OR
KUS-730/1100;

THE UNION OF SOVIET SOCIALIST REPUBLICS TO MOSCOW: G.T. SORLA, VENTSPILS, BELYA, GAGARIN, SHERENET'YEVO SAME AS INBOUND

(VIII) ALTIMETER - VD-20;

TO ULAN UDE: G.T. SQUID, YEDINKA, YEKINCHAN, BOMMAX, G.T. LEMUR, G.T. MALIN, VITIM, G.T. RIMIS, KIRENSK, G.T. PIKET, BRATSK, G.T. DONOR, OSA, IRKUTSK, BOL'SHOYE GOLOUSTNOYE, MUKHINO SAME AS INBOUND

(IX) ALTIMETER - UVID-30-15;

(X) RATE-OF-CLIMB INDICATOR - VAR-30M;

(XI) LOW-ALTITUDE RADAR ALTIMETER - RV-UM; AND

THE GERMAN DEMOCRATIC REPUBLIC TO LEIPZIG: G.T. SEGAL, TRT, PLD, AMER, STENA, FMR, WUF, RSF, SCHKEUDITZ SAME AS INBOUND

(XII) MAGNETIC COMPASS - K1-13.

THE CZECHOSLOVAK SOCIALIST REPUBLIC TO PRAGUE: CHEB, RAKONVIK, RUZINE SAME AS INBOUND

(B) DEPENDING UPON THE MODIFICATION OF THE AIRPLANE, THE FOLLOWING ADDITIONAL EQUIPMENT MAY BE INSTALLED:

(I) AIRCRAFT DISTANCE-MEASURING EQUIPMENT - SD-87;

B. FOR UNION OF SOVIET SOCIALIST REPUBLICS' INSPECTION AIRPLANE FLIGHTS TO:

(II) SELF-CONTAINED NAVIGATION SYSTEM - NAS-1-134;

COUNTRY ROUTE TO POINT OF ENTRY ROUTE FROM POINT OF ENTRY

(III) AUTOMATIC DIRECTION FINDER - ARK-15; AND

THE UNITED STATES OF AMERICA TO DULLES: CANADIAN ROUTING TO DAVES J686 STOOL J168 HTO SAX J228 LRP V143 ROBBY AML RADAR VECTORS EN0871R SWANN V288 BROSS OOD235R OOD J42 RBV J82 ACK

(IV) LOW-ALTITUDE ALTIMETER - RV-3.

4. AN-124 AIRPLANE:

(A) NAVIGATION-PILOTING SET - A-828;

(B) SELF-CONTAINED NAVIGATION SYSTEM (THREE-CHANNEL INERTIAL SYSTEM) - A-828M;

(C) SHORT-RANGE NAVIGATION SYSTEM AND LOCALIZER - A-827N;

(D) LONG-RANGE RADIO-NAVIGATION SYSTEM - A-723; AND

(E) TWO ON-BOARD RADARS - A-822-10 AND A-822-20.

TO TRAVIS: 5800N/17200E HUKKS SPY CDB A342 REDOO ENI PYE SUU RADAR VECTORS SUU PYE ENI REDOO A342 CDB SPY HUKKS 5800N/17200E

THE KINGDOM OF THE NETHERLANDS ATS ROUTE (U)R1 OR (U)A7 TO EELDE (EEL) AND THEN VIA ROUTE (U)R1 AND PAMPUS (PAM) TO SCHIPHOL VIA SPIJKERBOOR (SPY), ATS ROUTE (U)R12 ONLY

THE KINGDOM OF BELGIUM WOODY U831 NICKY BRIMO NICKY VA24 STAD

11. AIRCRAFT ROUTES

A. FOR UNITED STATES OF AMERICA'S INSPECTION AIRPLANE FLIGHTS TO:

THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND FROM EAST: PAMPUS-(U)R1 REFSO-LONGSAND-LANBOURNE-MORRY-RAF GREENHAM COMMON GAT ROUTE AS REQUIRED DEPENDING ON DESTINATION

COUNTRY ROUTE TO POINT OF ENTRY ROUTE FROM POINT OF ENTRY

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FROM WEST: STRUMBLE-(U)G1 KENET-RAF GREENHAM COMMON SAME AS INBOUND

ENDIS

MILITARY ADDRESSEES HANDLE AS SECRET-EXCLUSIVE

THE FEDERAL REPUBLIC OF GERMANY OKG-R11-EEL1A BAY15-R11-OKG

DOE FOR ALESSI/DP-5; JCS FOR JS/DDIN; SECDEF FOR OSD/ISP, OSD/SACC AND DIA/DI-5; CIA FOR SA/DCI/INF; ACDA FOR DIRECTOR; SHAPE FOR GEN GALVIN AND POLAD

THE REPUBLIC PUNTO KERAB/A15 SAME AS INBOUND

TO 13366-DECL-0488

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~~ENDS~~

COMPLEX 10, CAPE CANAVERAL, FLORIDA;
LONGHORN ARMY AMMUNITION PLANT,
MARSHALL, TEXAS.

MILITARY ADDRESSEES HANDLE ~~AS OPERAT-EXCLUSIVE~~

B. INSPECTION SITES ACCESSED FROM POINT OF ENTRY
SAN FRANCISCO, CALIFORNIA:

DOE FOR ALESSI/DP-5; JCS FOR J5/DDIN; SECDEF FOR
OSD/ISP, OSD/SACC AND DIA/DI-5; CIA FOR SA/DCI/INF; ACDA
FOR DIRECTOR; SHAPE FOR GEN GALVIN AND POLAD

MISSILE SUPPORT FACILITIES:

~~C.O. IZ300: DECL. OADR~~

~~SECRET~~ SECTION 07 OF 15 GENEVA 04812

TAGS: PARM, INF, UR, US

~~ENDIS~~

SUBJECT: SVC: ANNEXES I-IV TO MEMORANDUM OF AGREEMENT,
OF ITALY BOLSENA ROMA(CIAMPINO)
OR PLUNTO TUNAL/UG 23/
ROMA(CIAMPINO)

MILITARY ADDRESSEES HANDLE ~~AS SPECAT-EXCLUSIVE~~

ANNEX III

DOE FOR ALESSI/DP-5; JCS FOR J5/DDIN; SECDEF FOR
OSD/ISP, OSD/SACC AND DIA/DI-5; CIA FOR SA/DCI/INF; ACDA
FOR DIRECTOR; SHAPE FOR GEN GALVIN AND POLAD

INSPECTION SITES AND THEIR ASSOCIATED POINTS OF ENTRY

~~C.O. IZ300: DECL. OADR~~

I. FOR THE UNITED STATES OF AMERICA:

TAGS: PARM, INF, UR, US

A. INSPECTION SITES ACCESSED FROM POINT OF ENTRY
MOSCOW:

SUBJECT: SVC: ANNEXES I-IV TO MEMORANDUM OF AGREEMENT,
MERCULES PLANT #1, MAGRA, UTAH; AIR
FORCE PLANT 10, SAN DIEGO, CALIFORNIA;
DUSMAY PROVING GROUNDS, UTAH; FT.
HUACHUCA, FT. HUACHUCA, ARIZONA; PUEBLO
DEPOT ACTIVITY, PUEBLO, COLORADO;
DAVIS-MONTHAN AFB, TUCSON, ARIZONA.

MISSILE OPERATING BASES:

ANNEX IV

POSTAVY, VETRINO, POLOTSK, SMORGON',
LIDA, GEZGALY, SLOVIN, MOZHAY,
ZASIMOVICHI, MOZYR', PETRIKOV,
ZHITKOVICHI, RECHITSA, SLUTSK, LUTSK,
BRODY, CHERNOMONRAD, SLAVUTA,
BELOKOROVICHI, LIPNIKI, VYSOKAYA PECH',
KOROSTEN', LEBEDIN, GLUKHOV, AKHTYRKA,
SUVETSK, GUSEV, MALORITA, PINSK, VYRU,
ALUKSHE, OSTROV, KARHELAVA, UKMERZE,
TAURAGE, KOLOHYA, STRYI,
SKALA-PODOL'SKAYA, LAPICHI,
KATTAKUNGAN, STAN'KOVO, TSEL',
SLOBUDKA, BAYRAM-ALI.

CHARACTERISTICS AND METHODS OF USE OF EQUIPMENT
INTENDED FOR USE DURING INSPECTIONS CONDUCTED PURSUANT TO
ARTICLE XI OF THE TREATY

1. CHARACTERISTICS OF EQUIPMENT

MISSILE SUPPORT FACILITIES:

VOTKINSK, VOLGOGRAD, POSTAVY, GEZGALY,
MOZYR', LUTSK, BELOKOROVICHI, LEBEDIN,
KOLOSONO, ZHEREBKOVO, SANNY, BATAYSK,
KAPUSTIN YAR, SERPUKHOV, KRASNODAR,
LESNAYA, LOZOVAYA, LADUSHKIN, BROBNAYA
GORA, BEREZOVKA, SARATOV, KAZAN',
KAMENKA, PETROPAVLOVSK, STAN'KOVO,
JELGAVA, ARN'SK, SVERDLOVSK.

A. FOR THE UNION OF SOVIET SOCIALIST REPUBLICS:

1. LINEAR MEASUREMENT DEVICES (QUANTITY FOR
EACH INSPECTOR):

B. INSPECTION SITES ACCESSED FROM POINT OF ENTRY
ULAN UDE:

MISSILE OPERATING BASES:

NOVOSIBIRSK, DROVYANAYA, BARNUL,
KANSK, PASHNO, GORNIY, NOVOSYSOYEVKA,
SENIPALATINSK, SARYOZEK.

- (A) 1 20-METER MEASURING TAPE,
ZBKZ-20AUT/I;
- (B) 1 10-METER MEASURING TAPE,
ZBKZ-10BUL/I; AND
- (C) 1 5-METER MEASURING TAPE, JVDZ-5BUL/I.

2. PORTABLE WEIGHING DEVICES (QUANTITY FOR EACH
INSPECTION TEAM):

- (A) 4 HEAVY-DUTY PORTABLE SCALES,
GENERAL ELECTRODYNAMICS, MODEL
500B (9-METRIC-TON LOAD CAPACITY);
- (B) 1 READOUT DEVICE; AND
- (C) 1 CABLE SET.

3. CAMERA EQUIPMENT (QUANTITY FOR EACH
INSPECTION TEAM):

- (A) 2 CAMERAS WITH FLASH, POLAROID,
PROPACT;
- (B) 1 EXPOSURE METER, GOSSEN, LUNASIX-3;
- (C) 1 TRIPOD, SUSIS, MODEL 520 WITH
CARRYING CASE MODEL NUMBER 261; AND
- (D) ASSORTMENT OF PHOTOGRAPHIC FILM.

II. FOR THE UNION OF SOVIET SOCIALIST REPUBLICS:

A. INSPECTION SITES ACCESSED FROM POINT OF ENTRY
WASHINGTON, D.C.:

MISSILE SUPPORT FACILITIES:

MARTIN MARIETTA, MIDDLE RIVER,
MARYLAND; REDSTONE ARSENAL, HUNTSVILLE,
ALABAMA; FT. SILL, FT. SILL, OKLAHOMA;

4. OTHER PORTABLE EQUIPMENT (QUANTITY FOR EACH
INSPECTOR):

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Authority: EO 13526
Chief, Records & Declass Div, WMS
Date: APR 19 2016

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- (A) 1 FLASHLIGHT, MODEL FKB-2M;
- (B) 1 COMPASS, AZIMUTH;
- (C) 1 SEALING DEVICE, WITH A SET OF "TAMPER-INDICATING" WIRE AND SEALS; AND
- (D) 1 OFFICER'S RULER.

B. FOR THE UNITED STATES OF AMERICA:

1. LINEAR MEASUREMENT DEVICES (QUANTITY FOR EACH INSPECTOR):

- (A) 1 30-METER MEASURING TAPE, LUFKIN,

~~SECRET~~ SECTION 08 OF 15 GENEVA 04612

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~~MILITARY ADDRESSEES HANDLE AS SECRET-EXCLUSIVE~~

DOE FOR ALESSI/DP-5; JCS FOR J5/DDIN; SECDEF FOR OSD/ISP, OSD/SACC AND DIA/DI-5; CIA FOR SA/DCI/INF; ACDA FOR DIRECTOR; SHAPE FOR GEN GALVIN AND POLAD

~~T.O. 13359-DECL. ORDR~~

TAGS: PARM, INF, UR, US
SUBJECT: SVC: ANNEXES I-IV TO MEMORANDUM OF AGREEMENT, MODEL HY300H;

- (B) 1 3-METER MEASURING TAPE, LUFKIN, MODEL RY23CH;
- (C) 1 24-OUNCE (680.40 GRAM) PLUMB BOB, THORPE-SMITH;
- (D) 1 50-YARD (42.72 METER) PLUMB BOB CORD, DURAPLEX;
- (E) 4 PLUMB BOB TARGETS, MODEL LEITZ 126-25; AND
- (F) 1 PI TAPE, PI TAPE CORPORATION.

2. PORTABLE WEIGHING DEVICES (QUANTITY FOR EACH INSPECTION TEAM):

- 4 HEAVY-DUTY PORTABLE SCALES, GENERAL ELECTRODYNAMICS, MODEL 500B (9-METRIC-TON LOAD CAPACITY).

3. CAMERA EQUIPMENT (QUANTITY FOR EACH INSPECTION TEAM):

- (A) 1 CAMERA BODY, POLAROID, MODEL 0005E;
- (B) 1 CAMERA WITH FLASH, POLAROID, PROPACK;
- (C) 1 LENS, MAMIYA 75MM/F5.6 WITH VIEWFINDER;
- (D) 1 FLASH, VIVITAR, 285-IV;
- (E) 1 EXPOSURE METER, PENTAX, DIGITAL SPOTMETER;
- (F) 1 SPARE 0005E FILM BACK, POLAROID, 601-006;
- (G) 1 TRIPOD, STITZ QUICK RELEASE;

- (H) 1 20-INCH (50.80 CENTIMETER) CABLE RELEASE, VELBO, MODEL VEL-27-1039;
- (I) 8 8-PACKS OF PHOTOGRAPHIC FILM, POLAROID, TYPES 005, 007, 009;
- (J) 10 SPARE BATTERIES FOR CAMERAS, FLASH, AND EXPOSURE METER;
- (K) 1 RANGE ROD POINT, LEITZ, MODEL 8078-42;
- (L) 1 ALUMINUM CASE, ZERO-HALLIBURTON, 110-121;
- (M) 1 PACKAGE OF LENS PAPER, KODAK;
- (N) 1 LENS BRUSH;
- (O) 1 2.50-METER RANGE ROD, LEITZ, MODEL 8078-42; AND
- (P) 2 LENS FILTERS, ULTRAVIOLET HAZE, AMBER.

4. OTHER PORTABLE EQUIPMENT (QUANTITY FOR EACH INSPECTOR):

~~SECRET~~ SECTION 08 OF 15 GENEVA 04612

~~ENDIS~~

~~MILITARY ADDRESSEES HANDLE AS SECRET-EXCLUSIVE~~

DOE FOR ALESSI/DP-5; JCS FOR J5/DDIN; SECDEF FOR OSD/ISP, OSD/SACC AND DIA/DI-5; CIA FOR SA/DCI/INF; ACDA FOR DIRECTOR; SHAPE FOR GEN GALVIN AND POLAD

~~T.O. 13359-DECL. ORDR~~

TAGS: PARM, INF, UR, US
SUBJECT: SVC: ANNEXES I-IV TO MEMORANDUM OF AGREEMENT,

- (A) 1 FLASHLIGHT, KIDDE BRIGHT STAR (SAFETY APPROVED);
- (B) 1 MAGNETIC COMPASS, U.S. LENSATIC; AND
- (C) 1 ROLL OF "TAMPER-INDICATING" TAPE SEALS.

II. ADDITIONAL EQUIPMENT FOR USE DURING INSPECTIONS CONDUCTED PURSUANT TO PARAGRAPH 3, 4, OR 5 OF ARTICLE XI OF THE TREATY.

THE FOLLOWING EQUIPMENT SHALL BE USED ONLY TO INSPECT LAUNCH CANISTERS ASSOCIATED WITH A TYPE OF MISSILE NOT SUBJECT TO THE TREATY THAT ARE DECLARED BY THE INSPECTED PARTY TO CONTAIN SUCH A MISSILE.

A. FOR THE UNITED STATES OF AMERICA (ITEMS OF EQUIPMENT DESIGNATED BELOW AS "USG" HAVE BEEN MANUFACTURED BY THE U.S. GOVERNMENT SPECIFICALLY FOR CONDUCTING SUCH INSPECTIONS. ITEMS OF EQUIPMENT DESIGNATED BELOW AS "COMMERCIAL" ARE COMMERCIALY AVAILABLE.):

1. SET OF RADIATION DETECTION DEVICES FOR USE DURING INSPECTIONS CONDUCTED PURSUANT TO PARAGRAPH 3, 4 OR 5 OF ARTICLE XI OF THE TREATY:

- (A) 2 NEUTRON DETECTORS, WITH SIGNAL/POWER CABLES (USG);
- (B) 2 ELECTRONIC COUNTERS WITH INSTRUCTION MANUAL, EBERLINE, MODEL ESP-2 MODIFIED;
- (C) 10 PLASTIC BAGS FOR WEATHER

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PROTECTION (COMMERCIAL);

- (D) 1 COORDINATE GRID AND ALUMINUM FRAME (USG);
 - (E) 1 CALIBRATION SOURCE (USG);
 - (F) 1 TOOL KIT, JENSEN TOOLS, MODEL JTK-6;
 - (G) 30 MISCELLANEOUS SPARE BATTERIES, SIZES C AND D;
 - (H) 1 TRIPOD, AIRLIFT, MODEL BG MODIFIED;
 - (I) 1 MEASURING TAPE;
 - (J) 1 PLUMB BOB AND LINE, THORPE-SMITH;
 - (K) 1 8-INCH (222.86 MM) TORPEDO LEVEL, MASTER MECHANIC, MODEL 9NTT-9;
 - (L) 2 BATTERY-POWERED LIGHTS, MAGLIGHT, MODEL NL-2;
 - (M) 3 PROGRAMMABLE CALCULATORS WITH INSTRUCTION MANUAL, HEWLETT-PACKARD MODEL HP-27S; AND
 - (N) 2 THERMOMETERS.
2. SET OF RADIATION DETECTION DEVICES FOR USE DURING BENCHMARK RADIATION MEASUREMENTS CONDUCTED PURSUANT TO PART D OF SECTION III OF THIS ANNEX TO THIS MEMORANDUM:

- (A) 2 SETS OF RADIATION DETECTION DEVICES, THE COMPOSITION OF WHICH

~~SECRET~~ SECTION 10 OF 16 GENEVA 04612

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MILITARY ADDRESSEES HANDLE AS ~~SECRET~~ EXCLUSIVE

DOE FOR ALESSI/DP-5; JCS FOR JS/BDIN; SECDEF FOR OSD/ISP, OSD/SACC AND DIA/DI-5; CIA FOR SA/DCI/INF; ACDA FOR DIRECTOR; SHAPE FOR GEN GALVIN AND POLAD

~~SECRET~~ TAGS: PARM, INF, UR, US

SUBJECT: SVC: ANNEXES I-IV TO MEMORANDUM OF AGREEMENT, IS INDICATED IN PARAGRAPH 1 ABOVE;

- (B) 2 PORTABLE COMPUTERS (TOSHIBA, MODEL T1100 PLUS) WITH PRINTERS (DICOMIX, MODEL 150), WITH INSTRUCTION MANUALS AND VOLTAGE CHANGERS, INTERPOWER; AND
- (C) 1 SOFTWARE PACKAGE, GOLDEN SOFTWARE, SURFER (GRAPHICS PROGRAM FOR CONTOUR MAPS).

B. FOR THE UNION OF SOVIET SOCIALIST REPUBLICS:

1. RADIATION DETECTION DEVICE, SRPS 2, CONSISTING OF:

- (A) NEUTRON DETECTOR UNIT;
- (B) ELECTRONIC UNIT; AND
- (C) TRANSFORMER AND CHARGER UNIT.

2. THE SRPS 2 SHALL HAVE THE FOLLOWING BASIC CHARACTERISTICS:

- (A) SENSITIVITY TO FISSION SPECTRUM NEUTRONS IS NOT LOWER THAN 100 PULSES PER NEUTRON PER SQUARE CENTIMETER;
- (B) THREE PERIODS OF EXPOSURE: 0.5 SECONDS, 5 SECONDS AND 50 SECONDS;
- (C) TIME OF COLLECTION OF BACKGROUND PULSES IN EACH PERIOD: 8 SECONDS, 80 SECONDS, AND 50 SECONDS, RESPECTIVELY;
- (D) EXPOSURE TIME ERROR: FOUR PERCENT; AND
- (E) POWER SOURCE: 24-30 VOLTS DC (BATTERY) OR 220 VOLTS AC, 50 HZ.

3. THE PARTIES AGREE THAT, PRIOR TO USE BY THE INSPECTION TEAM OF THE RADIATION DETECTION DEVICE, THE PARTIES SHALL AGREE ON ADDITIONAL TECHNICAL CHARACTERISTICS OF THAT DEVICE.

III. METHODS OF USE OF EQUIPMENT

A. THE PARTIES AGREE TO USE LINEAR MEASUREMENT DEVICES IN THE FOLLOWING MANNER:

1. LINEAR MEASUREMENT DEVICES SHALL BE USED TO DETERMINE LENGTH, WIDTH AND HEIGHT OF OBJECTS BY MEASURING THE STRAIGHT-LINE DISTANCE BETWEEN THE OUTSIDE EDGES OF SUCH OBJECTS, OR, IF IT SHALL BE REQUIRED, BETWEEN TANGENTS DRAWN PERPENDICULAR TO THE DIRECTION OF MEASUREMENT FROM THE OUTSIDE POINTS OF CURVED SURFACES.

2. THE DIAMETER OF A MISSILE; A MISSILE STAGE OR ANY OTHER CYLINDRICAL OBJECT SHALL BE DETERMINED BY MEASURING AT SEVERAL POINTS ALONG THE LENGTH OF THAT OBJECT. THIS CAN BE ACCOMPLISHED BY MEASURING THE CIRCUMFERENCE, BY DIRECTLY MEASURING THE DIAMETER, OR BY MEASURING THE DISTANCE BETWEEN PARALLEL, VERTICAL TANGENTS TO THE CYLINDRICAL SURFACE OF THE OBJECT.

3. IN DETERMINING THE LINEAR DIMENSIONS OF AN OBJECT, EACH DIMENSION SHALL BE MEASURED AT LEAST TWO TIMES. IF THE RESULTS OF THE FIRST

~~SECRET~~ SECTION 11 OF 16 GENEVA 04612

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~~SECRET~~ TAGS: PARM, INF, UR, US

SUBJECT: SVC: ANNEXES I-IV TO MEMORANDUM OF AGREEMENT, TWO MEASUREMENTS ARE WITHIN ONE PERCENT OF EACH OTHER, AN AVERAGE SHALL BE TAKEN TO DETERMINE THE DIMENSION. IF THE RESULTS OF THE FIRST TWO MEASUREMENTS ARE NOT WITHIN ONE PERCENT OF EACH OTHER, ADDITIONAL MEASUREMENTS SHALL BE TAKEN UNTIL RESULTS FROM TWO MEASUREMENTS ARE OBTAINED THAT ARE WITHIN ONE PERCENT OF EACH OTHER. THE RESULTS OF THE TWO SUCH MEASUREMENTS SHALL BE ADDED TOGETHER AND THEIR AVERAGE TAKEN TO DETERMINE THE DIMENSION OF THE OBJECT.

B. THE PARTIES AGREE TO USE CAMERAS IN THE FOLLOWING MANNER:

1. THE PARTIES UNDERSTAND THE PHRASE "CAMERA

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SYSTEMS WHICH ARE CAPABLE OF PRODUCING
DUPLICATE, INSTANT DEVELOPMENT PHOTOGRAPHIC
PRINTS," CONTAINED IN PARAGRAPH B OF SECTION VI
OF THE PROTOCOL ON INSPECTION, TO ALLOW THE USE
OF ONE CAMERA MOUNTED ON A TRIPOD AND THE TAKING
OF TWO PHOTOGRAPHS IN SEQUENCE WITH THAT CAMERA.

2. THE PARTIES AGREE THAT BEFORE THE INSPECTED
PARTY TAKES PHOTOGRAPHS, ONE COPY OF WHICH SHALL
BE GIVEN TO EACH OF THE PARTIES, THE INSPECTED
PARTY SHALL BE PERMITTED TO TAKE TEST
PHOTOGRAPHS WHICH SHALL BE THE PROPERTY OF THE
INSPECTED PARTY.

3. THE PARTIES AGREE THAT PHOTOGRAPHS TAKEN
DURING AN INSPECTION SHALL SHOW A RANGE ROD.

4. THE PARTIES UNDERSTAND THAT THE PROCEDURES
AGREED UPON WITH RESPECT TO THE TAKING OF
PHOTOGRAPHS SHALL APPLY AT ALL INSPECTION SITES,
INCLUDING SITES WHERE INSPECTION BY MEANS OF
CONTINUOUS MONITORING IS CARRIED OUT.

C. THE PARTIES AGREE TO USE PORTABLE WEIGHING
DEVICES IN THE FOLLOWING MANNER:

1. THE IN-COUNTRY ESCORT SHALL FACILITATE THE
USE OF THE PORTABLE WEIGHING DEVICES OF THE
INSPECTING PARTY.

2. BEFORE TAKING WEIGHT MEASUREMENTS, THE
INSPECTED PARTY SHALL BE PERMITTED TO TEST AND
CALIBRATE THE PORTABLE WEIGHING DEVICES OF THE
INSPECTING PARTY BY USING THEM TO WEIGH ITS OWN
CALIBRATED REFERENCE LOAD.

3. THE EQUIPMENT OF THE INSPECTED PARTY SHALL
BE USED TO LIFT THE OBJECT BEING WEIGHED AND TO
POSITION IT ON THE PORTABLE WEIGHING DEVICES.
THE INSPECTED PARTY SHALL OPERATE SUCH EQUIPMENT.

4. IN DETERMINING THE WEIGHT OF AN OBJECT,
FIRST A TEST WEIGHING OF THE OBJECT SHALL BE
CONDUCTED, AND THEN THAT OBJECT SHALL BE WEIGHED
TWO TIMES. IF THE RESULTS OF THESE TWO
MEASUREMENTS ARE WITHIN TWO PERCENT OF EACH
OTHER, THEY SHALL BE ADDED TOGETHER AND THEIR
AVERAGE TAKEN TO DETERMINE THE WEIGHT OF THE
OBJECT. IF THE RESULTS OF THESE TWO
MEASUREMENTS ARE NOT WITHIN TWO PERCENT OF EACH
OTHER, THE PORTABLE WEIGHING DEVICES SHALL BE
CALIBRATED AND THE OBJECT SHALL BE WEIGHED TWO
MORE TIMES. IF AFTER THIS THE DIFFERENCE
BETWEEN THE RESULTS OF THE TWO MEASUREMENTS
STILL EXCEEDS TWO PERCENT, THEN THE PORTABLE
WEIGHING DEVICES SHALL BE REPLACED.

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MILITARY ADDRESSEES ~~HANDLE AS SECRET EXCLUSIVE~~

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OSD/ISP, OSD/SACC AND DIA/DI-5; CIA FOR SA/DCI/INF; ACDA
FOR DIRECTOR; SHAPE FOR GEN GALVIN AND POLAD

~~TOP SECRET~~ TAGS: PARM, INF, UR, US

SUBJECT: SVC: ANNEXES 1-1V TO MEMORANDUM OF AGREEMENT,
5. THE INSPECTING PARTY SHALL BE PERMITTED
CONTINUOUS VISUAL OBSERVATION OF PORTABLE
WEIGHING DEVICES, CALIBRATED REFERENCE LOADS AND
THE OBJECT WEIGHED THROUGHOUT ALL TESTING,
CALIBRATING AND WEIGHING PROCESSES.

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6. IF WEIGHING IS DONE BY THE COMPRESSION
METHOD, THEN THE INSPECTED PARTY SHALL FIRST
ENSURE THAT TIRES ARE INFLATED TO THE MAXIMUM
DESIGNED AIR PRESSURE AND AFTERWARDS SHALL
POSITION THE OBJECT ON THE PORTABLE WEIGHING
DEVICES. BEFORE TAKING ANY WEIGHT READING, THE
INSPECTING PARTY SHALL ASCERTAIN THAT THE ENTIRE
WEIGHT OF THE OBJECT IS BORNE BY THE PLATFORM OF
THE PORTABLE WEIGHING DEVICE, OR IN THE CASE OF
THE USE OF SEVERAL DEVICES, THAT THE ENTIRE
WEIGHT OF THE OBJECT IS BORNE BY THE PLATFORMS
OF THOSE WEIGHING DEVICES.

7. IF WHILE WEIGHING BY THE COMPRESSION METHOD
MORE THAN ONE PORTABLE WEIGHING DEVICE IS USED,
THE WEIGHT OF THE OBJECT SHALL BE DETERMINED BY
ADDING TOGETHER THE READINGS INDICATED ON ALL
WEIGHING DEVICES. TO THE EXTENT PRACTICAL, THE
READINGS OF ALL PORTABLE WEIGHING DEVICES SHALL
BE TAKEN SIMULTANEOUSLY.

8. IF THE INSPECTED PARTY DECIDES THAT AN
OBJECT MUST BE WEIGHED ON A WEIGHT-BEARING
DEVICE, THEN IT SHALL BE WEIGHED TOGETHER WITH
THE WEIGHT-BEARING DEVICE, AND AFTERWARDS
REMOVED FROM IT. AFTERWARDS, THE WEIGHT-BEARING
DEVICE SHALL BE WEIGHED SEPARATELY, AND THE
WEIGHT OF THE OBJECT SHALL BE DETERMINED BY
SUBTRACTION.

D. RADIATION DETECTION DEVICES

1. THE PARTIES AGREE THAT THE UNION OF SOVIET
SOCIALIST REPUBLICS SHALL USE ITS RADIATION
DETECTION DEVICE IN THE FOLLOWING MANNER:

PRIOR TO THE USE BY THE INSPECTION TEAM OF THE
RADIATION DETECTION DEVICE WHICH IS INDICATED IN
PART B OF SECTION II OF THIS ANNEX TO THIS
MEMORANDUM, THE PARTIES SHALL AGREE ON THE
METHODS FOR ITS USE.

2. THE PARTIES AGREE THAT THE UNITED STATES OF
AMERICA SHALL USE ITS RADIATION DETECTION
DEVICES IN THE FOLLOWING MANNER:

(A) RADIATION DETECTION DEVICES SHALL BE
USED TO MEASURE FAST NEUTRON FLUX INTENSITY
EMANATING FROM A LAUNCH CANISTER ASSOCIATED
WITH A TYPE OF MISSILE NOT SUBJECT TO THE
TREATY AND DECLARED BY THE INSPECTED PARTY
TO CONTAIN SUCH A MISSILE.

(B) BENCHMARK RADIATION MEASUREMENTS SHALL
BE TAKEN ON TWO SS-20 MISSILES AND TWO SS-25
MISSILES IN THEIR LAUNCH CANISTERS. THESE
MEASUREMENTS SHALL BE USED TO DETERMINE THAT
THE FAST NEUTRON FLUXES ASSOCIATED WITH
THESE SYSTEMS DIFFER SIGNIFICANTLY IN
MAGNITUDE AND CONFIGURATION. THE BENCHMARK
RADIATION MEASUREMENTS FOR THE SS-25 MISSILE
SHALL BE USED AS THE BASIS FOR COMPARING
MEASUREMENTS TAKEN DURING SUBSEQUENT
INSPECTIONS. MEASUREMENTS SHALL BE TAKEN ON
LAUNCH CANISTERS CHOSEN BY THE INSPECTING
PARTY FROM NINE LAUNCH CANISTERS OF EACH TYPE.

(C) BEFORE TAKING BENCHMARK RADIATION

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TAGS: PARM, INF, UR, US

SUBJECT: SVC: ANNEXES I-IV TO MEMORANDUM OF AGREEMENT, MEASUREMENTS, THE RADIATION DETECTION DEVICES SHALL BE CALIBRATED USING A STANDARD NEUTRON SOURCE. FOR THE SS-20 AND SS-25 MISSILES, BENCHMARK RADIATION MEASUREMENTS SHALL BE TAKEN BY THE INSPECTED PARTY ON A HORIZONTAL SURFACE LOCATED AT A DISTANCE NO GREATER THAN 0.60 METER BELOW THE LAUNCH CANISTER, ITSELF IN A HORIZONTAL POSITION. THE AREA OF THIS HORIZONTAL SURFACE FOR BOTH THE SS-20 AND THE SS-25 MISSILES IN THEIR LAUNCH CANISTERS SHALL BE THAT PORTION OF A FOUR-METER-BY-FOUR-METER PLANE THAT CAN, CONSIDERING THE PHYSICAL LIMITATIONS OF THE TYPE OF LAUNCHER INVOLVED IN THE MEASUREMENT, BE UTILIZED FOR THE TAKING OF SUCH MEASUREMENTS. THE CENTER OF THIS HORIZONTAL SURFACE SHALL BE LOCATED BELOW THE AXIS OF THE LAUNCH CANISTER AT A POINT CORRESPONDING TO THE JOINT BETWEEN THE FRONT COVER OF THE LAUNCH CANISTER AND ITS BODY NEAR THE LOCATION OF MAXIMUM NEUTRON FLUX. (G) BENCHMARK RADIATION MEASUREMENTS FOR BOTH THE SS-20 AND THE SS-25 MISSILES IN THEIR LAUNCH CANISTERS SHALL BE TAKEN:

- (I) AT THE 87 POINTS ACCESSIBLE FOR BOTH THE SS-20 AND SS-25 MISSILES IN THEIR LAUNCH CANISTERS AT THE JUNCTIONS OF A 0.60-METER GRID ON THE FOUR-METER-BY-FOUR-METER SURFACE DESCRIBED IN PARAGRAPH (C) ABOVE, AND AT UP TO 24 ADDITIONAL POINTS ON THIS SURFACE AT POSITIONS TO BE AGREED BY THE PARTIES DURING THE TAKING OF SUCH MEASUREMENTS;
 - (II) AT 0.60-METER INTERVALS ALONG THE TOP OF THE CYLINDRICAL PORTION OF THE LAUNCH CANISTER FROM THE LOCATION OF THE JOINT OF THE FRONT COVER OF THE LAUNCH CANISTER AND ITS BODY TO A POINT LOCATED AT A DISTANCE OF APPROXIMATELY SIX METERS FROM THE FRONT OF THE LAUNCH CANISTER (A TOTAL OF NINE POINTS); AND
 - (III) ALONG A VERTICAL LINE LOCATED TO THE LEFT SIDE OF THE LAUNCH CANISTER IN THE PLANE OF THE JOINT BETWEEN THE FRONT COVER OF THE LAUNCH CANISTER AND ITS BODY, PERPENDICULAR TO THE HORIZONTAL SURFACE ON WHICH MEASUREMENTS WERE TAKEN, AND NO MORE THAN 0.60 METER FROM THE LAUNCH CANISTER (A TOTAL OF SEVEN POINTS).
- (E) TWO READINGS SHALL BE TAKEN AT EACH POINT. IF THE HIGHER READING DIFFERS BY MORE THAN 30 PERCENT FROM THE LOWER READING, THEN A THIRD READING SHALL BE TAKEN. IF THE THIRD READING DIFFERS FROM EACH OF THE PREVIOUS READINGS BY MORE THAN 30 PERCENT, THE DETECTOR SHALL BE RECALIBRATED. THE AVERAGE OF TWO READINGS THAT ARE WITHIN 30 PERCENT OF EACH OTHER SHALL BE RECORDED AS THE MEASUREMENT FOR THAT POINT. THE RESULT OF THE BENCHMARK RADIATION MEASUREMENT FOR THAT POINT SHALL BE THE AVERAGE OF THE CORRESPONDING VALUES FOR THE TWO MISSILES OF EACH TYPE SELECTED FOR MEASUREMENT.
- (F) FOR THE ENTIRE PERIOD DURING WHICH THE BENCHMARK RADIATION MEASUREMENTS ARE BEING TAKEN, THE INSPECTING PARTY SHALL BE

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TAGS: PARM, INF, UR, US

SUBJECT: SVC: ANNEXES I-IV TO MEMORANDUM OF AGREEMENT, PERMITTED TO OBSERVE THE MEASUREMENT PROCESS TO ASSURE ITSELF THAT IT CORRESPONDS TO THE AGREED PROCEDURES. RECORDING, PROCESSING, AND GRAPHIC REPRESENTATION OF DATA SHALL BE CARRIED OUT JOINTLY BY THE PARTIES.

(G) UPON COMPLETION OF THE MEASUREMENTS ON TWO SS-20 MISSILES AND TWO SS-25 MISSILES IN THEIR LAUNCH CANISTERS, THE INSPECTING PARTY SHALL SELECT ONE SS-20 MISSILE LAUNCH CANISTER AND ONE SS-25 MISSILE LAUNCH CANISTER TO BE OPENED. THE INSPECTING PARTY, BY VISUAL OBSERVATION, SHALL CONFIRM THAT THE CORRESPONDING TYPE OF MISSILE IS LOCATED IN EACH LAUNCH CANISTER.

(H) THE RESULTS OF THE BENCHMARK RADIATION MEASUREMENTS SHALL BE SIGNED BY BOTH PARTIES AND EACH OF THE PARTIES SHALL RETAIN ONE COPY. IF THE RESULTS OF THE BENCHMARK RADIATION MEASUREMENTS CONFIRM THAT THE NEUTRON PATTERNS ASSOCIATED WITH THE SS-20 AND SS-25 MISSILES IN THEIR LAUNCH CANISTERS DIFFER SUFFICIENTLY FROM EACH OTHER BOTH IN FLUX LEVEL AND CONTOUR PATTERNS, THEN THE RESULTS OF THE BENCHMARK RADIATION MEASUREMENTS SHALL BE USED AS THE BASIS FOR COMPARISON WITH THE MEASUREMENTS TAKEN DURING INSPECTIONS CONDUCTED PURSUANT TO PARAGRAPHS 3, 4, AND 5 OF ARTICLE XI OF THE TREATY.

(I) FOR INSPECTIONS CONDUCTED PURSUANT TO PARAGRAPHS 3, 4, AND 5 OF ARTICLE XI OF THE TREATY, BEFORE TAKING MEASUREMENTS DURING THE INSPECTION, THE RADIATION DETECTION DEVICES SHALL BE CALIBRATED USING A STANDARD NEUTRON SOURCE, AND THEN MEASUREMENTS SHALL BE TAKEN ON A HORIZONTAL SURFACE WHOSE LOCATION CORRESPONDS TO THE LOCATION OF THE HORIZONTAL SURFACE DESCRIBED IN SUBPARAGRAPH (C) ABOVE. SUCH MEASUREMENTS SHALL BE TAKEN ON THAT SURFACE AT UP TO TEN POINTS CHOSEN BY THE INSPECTING PARTY. SUCH POINTS SHALL BE SELECTED FROM POINTS COMMON TO THE BENCHMARK RADIATION MEASUREMENTS TAKEN FOR THE SS-20 AND SS-25 MISSILES ON THE FOUR-METER-BY-FOUR-METER HORIZONTAL SURFACE. IN ADDITION, MEASUREMENTS SHALL BE TAKEN AT UP TO FOUR POINTS ALONG THE TOP OF THE CYLINDRICAL PORTION OF THE LAUNCH CANISTER FROM THE LOCATION OF THE JOINT OF THE FRONT COVER OF THE LAUNCH CANISTER AND ITS BODY TO A POINT LOCATED AT A DISTANCE OF APPROXIMATELY SIX METERS FROM THE FRONT OF THE LAUNCH CANISTER.

(J) TWO READINGS SHALL BE TAKEN AT EACH POINT. IF THE TWO READINGS DIFFER BY MORE THAN 30 PERCENT, THEN A THIRD READING SHALL BE TAKEN. IF THE THIRD READING DIFFERS FROM EACH OF THE TWO PREVIOUS READINGS BY MORE THAN 30 PERCENT, THEN THE DETECTOR SHALL BE RECALIBRATED. AN AVERAGE SHALL BE TAKEN OF THE TWO READINGS THAT ARE WITHIN 30 PERCENT OF EACH OTHER, AND IT SHALL BE RECORDED AS

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THE MEASUREMENT FOR THAT POINT.
(K) IF, DURING AN INSPECTION CONDUCTED
PURSUANT TO PARAGRAPH 3, 4, OR 5 OF ARTICLE
XI OF THE TREATY, THE RESULT OF EACH
MEASUREMENT OBTAINED FOR A PARTICULAR LAUNCH
CANISTER DIFFERS BY NO MORE THAN 50 PERCENT
FROM THE RESULT OF THE CORRESPONDING
BENCHMARK RADIATION MEASUREMENT FOR THE
SS-25 MISSILE IN ITS LAUNCH CANISTER, THEN
THE MISSILE SHALL NOT BE CONSIDERED TO BE A

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FOR DIRECTOR; SHAPE FOR GEN GALVIN AND POLAD

Office of the Secretary of Defense
Chief, RDD, ESD, WHS

Date: 19 Apr 2016 Authority: EO 13526+5 U.S.C. §552

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Reason: _____

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TAGS: PARM, INF, UR, US

SUBJECT: SVC: ANNEXES I-IV TO MEMORANDUM OF AGREEMENT,
MISSILE SUBJECT TO THE TREATY.

(L) IF, DURING AN INSPECTION CONDUCTED
PURSUANT TO PARAGRAPH 3, 4, OR 5 OF ARTICLE
XI OF THE TREATY, THE RESULT OF ANY
MEASUREMENT DIFFERS FROM THE RESULT OF THE
CORRESPONDING BENCHMARK RADIATION
MEASUREMENT FOR THE SS-25 MISSILE IN ITS
LAUNCH CANISTER BY MORE THAN 50 PERCENT,
THEN THE LAUNCH CANISTER SHALL BE OPENED BY
THE INSPECTED PARTY IN ORDER THAT THE
INSPECTING PARTY BE ABLE TO CONFIRM BY
VISUAL OBSERVATION OF THE INTERIOR PORTION
THAT THE MISSILE INSIDE THE LAUNCH CANISTER
IS NOT A MISSILE SUBJECT TO THE TREATY. IN
ANY EVENT, AFTER TAKING MEASUREMENTS ON ALL
LAUNCH CANISTERS SUBJECT TO INSPECTION WITH
THE SET OF RADIATION DETECTION DEVICES AT
THE INSPECTION SITE, THE INSPECTING PARTY
SHALL SELECT ONE LAUNCH CANISTER WHICH MUST
BE OPENED BY THE INSPECTED PARTY IN ORDER
THAT THE INSPECTING PARTY BE ABLE TO CONFIRM
BY VISUAL OBSERVATION OF THE INTERIOR
PORTION THAT THE MISSILE INSIDE THE LAUNCH
CANISTER IS NOT A MISSILE SUBJECT TO THE
TREATY.

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