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PAASZYUN RUVESLA4003 1712336-9SSS--RUWINDA.

ZNY SSSSS

P 202230Z JUN 90

FM HQ USSPACECOM PETERSON AFB CO//SPJ3//

TO RUCJACC/HQ USCENTCOM MACDILL AFB FL//CCJ2/CCJ3//

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SECTION 1 OF 2.

MSGID/SYS.RRN/SPJ3M/19 JUN 90//

AMPN/SUBJ: POTENTIAL FOR TACTICAL APPLICATION OF BALLISTIC MISSILE LAUNCH NOTIFICATION (U)

REF/A. HQ USCENTAF MSG, DTG 131701Z JUN 90, SAB (U)

B. HQ USSPACECOM MSG, DTG 292235Z MAY 90, SUBJ: TERS PROCEDURES (NOTAL)(U)

C. HQ USSPACECOM MSG, DTG 292232Z MAY 90, SUBJ: TERS (NOTAL)(U)

1. ~~(S)~~ REFERENCE A REQUESTED USCINCSpace ASSISTANCE IN SUPPORTING CENTCOM WITH BALLISTIC MISSILE LAUNCH NOTIFICATION. REFERENCE B NOTIFIED UNIFIED AND SPECIFIED (U&S) COMMAND CENTERS OF IMPLEMENTATION OF THE NEW TACTICAL EVENT REPORTING SYSTEM (TERS)

PAGE 2 RUVESLA4003 ~~SECRET~~

OPERATIONS CONCEPT. REFERENCE C PROVIDED A DETAILED EXPLANATION OF TERS AND PROVIDED SPECIFIC INFORMATION CONCERNING THE BROADCAST OF TERS INFORMATION b(1)

2. ~~(S)~~ THE FOLLOWING DESCRIPTION OF TERS WILL ANSWER MOST OF THE QUESTIONS RAISED IN REF A. THOSE QUESTIONS NOT ANSWERED WILL BE ADDRESSED SEPARATELY. A HIGH PRIORITY OBJECTIVE OF USSPACECOM IS TO EFFECTIVELY EMPLOY SPACE BASED SENSOR SYSTEMS TO SUPPORT WORLDWIDE TACTICAL OPERATIONS OF U&S CINCS. JCS RECENTLY APPROVED A TACTICAL EVENT REPORTING SYSTEM (TERS) POLICY WHICH AUTHORIZES EMPLOYMENT OF THE DEFENSE SUPPORT PROGRAM (DSP) SATELLITE SYSTEM TO SUPPORT TACTICAL COMMANDERS. USCINCSpace IMPLEMENTED THE NEW TERS OPERATIONS CONCEPT ON 9 JUN 90. THE DSP SATELLITES' INFRARED SURVEILLANCE AND IMPROVED COMMUNICATIONS INTERFACES ARE CAPABLE OF DETECTING AND REPORTING TACTICAL THREATS

b(1)

TERS REPORT ON MISSILE LAUNCH OR

b(1)

PROVIDES A

~~SECRET~~

FILE NUMBER

170

210

XR-2
Dom-1

PAGE 3 RUVESLA4003 ~~SECRET~~

APPROXIMATELY 10 TO 12 MINUTES AFTER DETECTION. b(1) TIMELINESS
 WOULD IMPROVE WITH THE RECENT AUTOMATION OF MESSAGE FORMATTING AND
 IMPROVED CONNECTIVITY. b(1) PRIMARY USERS ARE U.S. NAVAL SHIPS AND
 SHORE INSTALLATIONS. THE b(1) BROADCAST IS EXPECTED TO REACH IOC BY
 MID-JULY 1990, AND WILL BE AVAILABLE TO USERS WORLDWIDE. TESTING OF
 THE b(1) SYSTEM SHOWS THAT TERS REPORTS ARE PROVIDED TO USERS AN
 AVERAGE OF THREE MINUTES FROM DETECTION OF MISSILE LAUNCH

b(1) DSP SATELLITE DETECTIONS OF THE FOLLOWING
 ARE REPORTED ON TERS:

A. ~~1ST~~ MEDIUM RANGE AND SHORT RANGE BALLISTIC MISSILE (M/SRBM)
 b(1) DSP HAS DEMONSTRATED A GOOD

PROBABILITY OF DETECTION b(1)
 SS-1C, (SCUD B), CSS-2, AND CSS-1 MISSILES. LAUNCH OF THESE
 MISSILES CONTAIN LAUNCH TIME, LAUNCH LOCATION, MISSILE CLASS (SRBM
 OR I/IRBM) MISSILE AZIMUTH, AND OPERATOR VALIDITY ASSESSMENT.
 DURING CY 89 DSP b(1)

THE
 AZIMUTH OF LAUNCH IS APPROXIMATE, I.E., PLUS/MINUS b(1)
 IMPACT LOCATION AND RANGE TO IMPACT CANNOT BE PROVIDED WITH TERS.

PAGE 4 RUVESLA4003 ~~SECRET~~

IMPROVED ACCURACY OF LAUNCH LOCATION AND AZIMUTH OF LAUNCH WILL NOT
 BE POSSIBLE UNTIL SATELLITE PROCESSING IS UPDATED b(1)
 THE CURRENT PROJECTION FOR b(1)

15 1993.
 3. ~~1ST~~

b(1)

USSPACECOM HAS DEVELOPED A USER ORIENTED OPERATIONS CONCEPT FOR TERS. THE OBJECTIVE IS TO EFFECTIVELY MANAGE AVAILABLE SATELLITE AND GROUND STATION RESOURCES TO SUPPORT URS CINC'S TACTICAL REQUIREMENTS. b(1)

TO OPTIMIZED FOR DSP SURVEILLANCE BASED ON JCS REQUIREMENTS, MULTIPLE URS CINC TACTICAL REQUESTS, AND INTELLIGENCE INFORMATION ON b(1) MISSILE STAGING AREAS, OPERATING LOCATIONS, AND TEST FACILITIES.

b(1)

PRIORITIZATION OF THESE AREAS WILL BE BASED ON JCS REQUIREMENTS, URS CINC REQUESTS FOR DSP SUPPORT OF REAL WORLD TACTICAL OPERATIONS AND EXERCISE OPERATIONS. DSP SENSOR STATUS AND PRIORITIZATIONS ARE NECESSARY b(1) AND

PAGE 6 RUVESLA4003 ~~SECRET~~

POTENTIAL CONFLICT BETWEEN PROVIDING SUPPORT TO TACTICAL COMMANDERS AND OPTIMIZING ICBM/SLOM LAUNCH DETECTION. TACTICAL WARNING/ATTACK ASSESSMENT OF BALLISTIC MISSILE LAUNCHES HAS ABSOLUTE PRIORITY OVER TERS OPERATIONS. INITIAL PRIORITIZATION PROVIDES 24 HR/DAY COVERAGE b(1) WILL NOT NORMALLY BE

SURVEILLED UNLESS REQUIRED BY A HIGHER PRIORITY REQUEST. URS CINC COMMAND CENTERS WILL BE NOTIFIED WHEN COVERAGE OF AOIS CHANGE OR WHEN THERE IS A LAPSE IN COVERAGE FOR MORE THAN b(1)

4. (U) CLASSIFICATION OF TERS REPORTS IS SECRET (COLLATERAL), AND IS NATO RELEASABLE AND RELEASABLE TO AUSTRALIA.

5. ~~(S)~~ INFORMATION PROVIDED BY TERS IS PROCESSED THROUGH FIXED GROUND STATIONS AND IS BROADCAST b(1)

ADDITIONALLY, THE ABILITY TO PROCESS DSP SATELLITE INFORMATION IS UNIQUE TO USSPACECOM AND CANNOT BE DONE ELSEWHERE. OF COURSE, b(1) RECEIVERS ARE TRANSPORTABLE AND RECEIVE TERS INFORMATION AS LONG AS THEY ARE WITHIN THE FIELD OF VIEW OF b(1) SATELLITES.

6. ~~(S)~~ REQUEST CENTCOM IDENTIFY AN OPERATIONS POC FOR TERS AND PROVIDE NAME/NUMBER TO SPJ34 POC FOR FUTURE COORDINATION. THIS BT

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