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8 JANUARY 1985

NEW TROPOSCATTER COMMUNICATIONS SYSTEM IDENTIFIED
ULYANOVSK ARMY BARRACKS OCS AL-2, USSR (SWN)

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1. SIGNIFICANCE: A NEW TROPOSCATTER COMMUNICATIONS SYSTEM WAS IDENTIFIED IN DEVELOPMENT AT ULYANOVSK ARMY BARRACKS OCS AL-2. THIS SYSTEM, IF DEPLOYED, WILL SIGNIFICANTLY UPGRADE THE COMMUNICATIONS CAPABILITIES OF THE GENERAL STAFF. THE SYSTEM HAS BEEN GIVEN THE NPIC INTERIM DESIGNATOR UT-EL-01. (TS)

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2. REMARKS: THE SYSTEM HAS FOUR LATTICE MAST-MOUNTED CUT PARABOLIC ANTENNAS ACROSS ON OUTRIGGER-SUPPORTED TRAILERS (GRAPHIC 1). EACH TRAILER WAS CABLED TO A JUNCTION BOX WHICH WAS LINKED TO A VENTED TEST/SUPPORT BUILDING. ALL FOUR ANTENNAS WERE ORIENTED NORTH-NORTHEAST OVER THE KUYBYSHEVSKOYE RESERVIOR TOWARD LAISHEVO. THE FOUR ANTENNAS PROBABLY FORM ELEMENTS OF TWO SETS, EACH CONSISTING OF TWO ANTENNA TRAILERS AND THEIR ASSOCIATED EQUIPMENT. OTHER EQUIPMENT WHICH MAY BE ASSOCIATED WITH THE SYSTEM INCLUDED TWO UNIDENTIFIED URAL-375 BOX-BODIED VAN (BBV) TRUCKS WITH POSSIBLE CABLE SECTIONS CENTERED ON THE ROOF, ONE UNIDENTIFIED ZIL-131 BBV WITH THREE BOXES ON THE VAN ROOF, TWO P-200 SERIES BBV, ONE R-405, ONE UNIDENTIFIED GAZ-66 BBV, AND ONE UNIDENTIFIED ZIL-157 BBV WITH ANTENNAS OR OTHER EQUIPMENT STORED ON THE VAN ROOF. THIS OTHER EQUIPMENT WAS PARKED ON A SECOND NEWLY CONSTRUCTED HARDSTAND IN THE TEST AREA. THESE VEHICLES WERE CABLE CONNECTED TO A ZIL-131 PROBABLE GENERATOR VEHICLE AND A SINGLE-AXLE GENERATOR TRAILER BUT WERE NOT CABLE CONNECTED TO THE TEST/SUPPORT BUILDING. ONE TWIN EAR ANTENNA VEHICLE IN TRAVEL MODE AND ONE TWIN EAR SET IN TRAVEL MODE WERE IN THE IMMEDIATE VICINITY. THE BUILDING AND CONCRETE HARDSTANDS IN THE PARTIALLY FENCE-SECURED AREA WERE IN THE VERY EARLY STAGES OF CONSTRUCTION. THE INSTALLATION HOUSES THE ULYANOVSK HIGHER COMMAND SIGNAL SCHOOL I/N OF G.K. ORDZHONIKIDZHE, ESTABLISHED IN 1970, AND OFFERING PRE-MILITARY COURSES WITH EMPHASIS ON SPECIALIZED SIGNAL TRAINING. (S)

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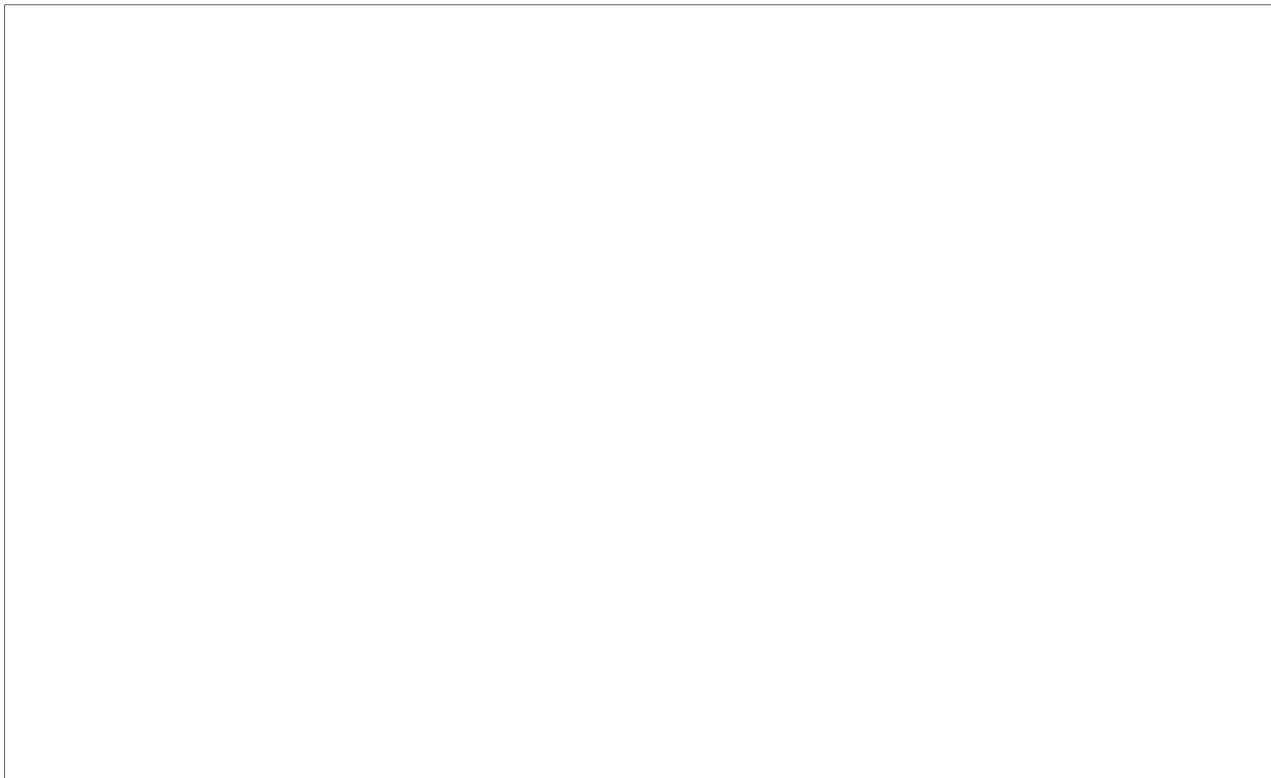
8 JANUARY 1985

THE PROBABLE CORRESPONDENT STATION IS AT 55-23-30N 049-28-40E, OUTSIDE THE TOWN OF LAISHEVO ALONG THE BANKS OF THE KUYBYSHEVSKOYE RESERVOIR (GRAPHIC 2). [Redacted] ONE SQUAD-SIZED AND SIX TWO-MAN TENTS WERE SET UP ALONG THE TREE LINE. ONE TWIN EAR ANTENNA VEHICLE IN TRAVEL MODE, FOUR UNIDENTIFIED BBV, ONE POSSIBLE BBV, AND ONE PROBABLE DUAL-AXLE CANVAS-COVERED TRAILER WERE PARKED ALONG THE TREE LINE. NO ANTENNAS LIKE THOSE AT ULYANOVSK WERE IDENTIFIED ON THIS DATE. (S [Redacted])

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