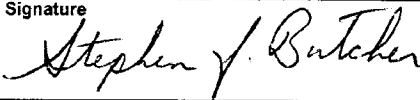
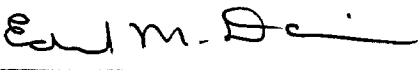


## FOR INFORMATION

Doc. 36812/1

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                               |                                                                                                   |                         |                                                  |                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------|----------------------------------------|
| FORM NTIA-44<br>(3/91)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                               | U.S. DEPARTMENT OF COMMERCE<br>NATIONAL TELECOMMUNICATIONS<br>AND INFORMATION ADMINISTRATION      |                         | Classification<br><br><b>UNCLASSIFIED</b>        | Control Number<br><br>SPS-16781/1      |
| <b>CERTIFICATION OF SPECTRUM SUPPORT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                               |                                                                                                   |                         |                                                  |                                        |
| Recipient Agency<br><br>Army                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                               | System<br><br>Motorola, Inc. Model PTP 45600 Transceiver                                          |                         |                                                  | Stage of Review<br><br>4 – Operational |
| <b>Section 1: OPERATING CHARACTERISTICS FOR WHICH SUPPORT IS CERTIFIED</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                               |                                                                                                   |                         |                                                  |                                        |
| Frequency (MHz)<br><br>4400-4600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Emission<br><br>4M79D1D<br>9M57D1D<br>14M4D1D<br>28M7D1D                                      | Power (W)<br><br>0.316                                                                            | Station Class<br><br>FX | Operating Location<br><br>US&P                   |                                        |
| <b>Section 2: SOURCE DOCUMENTS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                               |                                                                                                   |                         |                                                  |                                        |
| Docket Number<br><br>SPS-16664/1<br>SPS-16743/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Description of Document<br><br>Army Request for Stage 4 Review<br>NTIA Preliminary Assessment |                                                                                                   |                         | Dated<br><br>August 26, 2008<br>November 6, 2008 |                                        |
| <b>Section 3: SPS RECOMMENDATIONS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                               |                                                                                                   |                         |                                                  |                                        |
| <p>The Spectrum Planning Subcommittee has reviewed this system under the provisions of Chapter 10 of the NTIA Manual, and recommends that:</p> <ol style="list-style-type: none"><li>1. NTIA certify Stage 4 spectrum support for Motorola, Inc. Model PTP (Point-to-Point) 45600 Transceiver, as specified in Section 1.</li><li>2. Army be aware that use of two of the antennas included in the Army request is authorized only for use with transportable systems engaged in tactical and training operations (which are exempt from the NTIA Manual Section 5.3.3 antenna standards):<ol style="list-style-type: none"><li>a. the flat panel antenna that is manufactured by the MTI Wireless Edge, Ltd. with model number 445003/SVH/E and will be an integrated and built-in part of this system;</li><li>b. the 0.6-meter (2 foot) diameter parabolic reflector antenna that is manufactured by the Radio Waves, Inc. with model number SPD2-4.7.</li></ol></li></ol> |                                                                                               |                                                                                                   |                         |                                                  |                                        |
| Name/Title of Recommending Official<br><br>Stephen J. Butcher<br>SPS Chairman                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                               | Signature<br> |                         | Date<br><br>DEC 10 2008                          |                                        |
| <b>Section 4: NTIA CERTIFICATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                               |                                                                                                   |                         |                                                  |                                        |
| <p>The Office of Spectrum Management certifies Stage 4 spectrum support for this system.<br/>This office concurs with the SPS recommendations in Section 3.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                               |                                                                                                   |                         |                                                  |                                        |
| Name/Title of Certifying Official<br><br>Edward M. Davison<br>Deputy Associate Administrator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                               | Signature<br> |                         | Date<br><br>DEC 10 2008                          |                                        |
| Downgrading Instructions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                               | Classification<br><br><b>UNCLASSIFIED</b>                                                         |                         | Distribution<br><br>IRAC, SPS, FAS               |                                        |