

**STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION**

**SUPPLEMENT 1100  
SPREAD SPECTRUM RADIO  
PREQUALIFICATION PROCEDURE  
JANUARY 19, 2007**

**1100.01 Description**

**1100.02 Approval**

**1100.03 Removal from the Prequalified List**

**1100.04 Appeal of Removal**

**1100.05 Reapproval**

**1100.06 Modifications to Prequalified Spread Spectrum Radios**

**1100.07 Annual Recertification**

**1100.01 Description** This Supplement describes the procedure by which the Department will prequalify Spread Spectrum Radios for inclusion on the Department's Qualified Products List (QPL).

**1100.02 Approval** Submit descriptive literature and technical specifications to the Office of Traffic Engineering that fully describes the product and a manufacturer's letter certifying the product supplied meets or exceeds the requirements of Supplemental Specification 906. Submit proof of previous deployment(s) (minimum six months continuous deployment). Submit a contact name, phone number and e-mail address for each previous deployment. Submit a list of the other States where the system has been approved for use.

The Department will review the submittal and verify the previous deployments. If the product meets the specifications; the product will be added to the Department's QPL.

**1100.03 Removal from the Prequalified List** A Spread Spectrum Radio shall be removed from the prequalified list if the Department determines the Spread Spectrum Radio has failed to perform satisfactorily in the field. Experiences of other States and governmental agencies may be considered in this action.

**1100.04 Appeal of Removal** A manufacturer of a removed Spread Spectrum Radio may appeal the removal under the Department's Qualified Products List Standard Operating Procedure (SOP) – Section H.

<http://www.dot.state.oh.us/testlab/SamplingandTesting/2005/SamplingandTesting/manual.html>

**1100.05 Reapproval** A Spread Spectrum Radio removed from the QPL due to unsatisfactory field performance shall not be returned to the list until the manufacturer identifies the reason for the failure and the problem has been corrected to the satisfaction of the Department. Experiences of other States and governmental agencies may be considered in this action.

**1100.06 Modifications to Prequalified Spread Spectrum Radios** Manufacturers will occasionally modify certain aspects of their products in an effort to enhance performance, improve durability, reduce costs or for other similar reasons. Notify the Department before modifications are made to Spread Spectrum Radios contained on the QPL. Submit descriptive literature of the modification and certify that the modified system meets or exceeds the requirements of Supplemental Specification 906. The Department will review the submittal and determine if the modified system meets the specifications. Modified systems meeting the specifications will be retained on the QPL.

**1100.07 Annual Recertification** By January 1<sup>st</sup> of each calendar year manufacturers will recertify to the Department that the Spread Spectrum Radio to be provided meets or exceeds the requirements of Supplemental Specification 906. The Department will not accept modifications (1100.06) with the recertification submittal. Systems not recertified by February 1<sup>st</sup> of each year will be removed from the QPL.