

Project Proposal Form

Please complete and submit this form to:

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Submission Date:

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Proposal Number:

ESRD-2014-09

Champion:

Alberta ESRD – Jamie Babcock

Background:

With the recent expansion of iPhone use within Alberta's Wildfire Management Branch (WMB), the WMB believes it is inevitable that users will want to try out this technology.

Issue:

The WMB wants to explore the usefulness and effectiveness of this technology before users start purchasing it.

Objective(s):

- Determine the unit's ability to detect hotspots over time, and distance.
- Compare application to existing handheld scanners used in ESRD.
- Determine overall usability, reliability, and ruggedness of the unit.

Approach:

The test will determine the detection of small flaming and glowing combustion targets, and measure the distance that these objects are detected. An assessment of usability and wildfire operation applicability will be done.