



Subject: Modular Approval Request
FCC ID: LOBSBU900
12/05/2007

Dear Application Examiner,

Cervis Inc. (aka Structured Mining Systems), would like to have your authorization for modular approval of the radio portion of SmaRT BU-901H, FCC ID: LOBSBU900 so as to be used with other SmaRT base unit 900MHz varieties where the radio electronics will not change, but the input and output electronics may change. The requirements of Public Notice DA00-1407 have been met and shown on the following statements.

1. *The modular transmitter must have its own RF shielding.* The radio portion of this module has been shielded, please see exhibition External Photo.
2. *The modular transmitter must have buffered modulation/data inputs.* The SmaRT BU-901H contains buffered data inputs; it is integrated in the radio section of the printed circuit board assembly, part number 07100350. The component with buffered data inputs is a ZMD 44102.
3. *The modular transmitter must have its own power supply regulation.* The SmaRT BU-901H contains a regulator in the DC input port, a TI TPS70758PWP.
4. *The modular transmitter must comply with the antenna requirements of section 15.203 and 15.204(C).* The PTO-906 meets the FCC antenna requirements. The spurious emission, unique antenna connector and photo of antennas are shown in the application exhibits.
5. *The modular transmitter must be tested in a stand-alone configuration.* The BU-901H was tested in a stand-alone configuration via a PCMCIA adapter card. Please see exhibit "Test Setup Photos".
6. *The modular transmitter must be labeled with its own FCC ID number.* Please see exhibit "FCC Label" for the FCC ID of this module.
7. *The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements.* The BU-901H is compliant with all applicable FCC rules. Detail instructions for maintaining compliance are given in the Users Manual.
8. *The modular transmitter must comply with any applicable RF exposure requirements.* The EUT is compliant with all applicable RF exposure requirements. RF Exposure is addressed in the exhibit "MPE Data". Please contact me if you have any further questions. Thank you for your attention.

Sincerely,

A handwritten signature in black ink, appearing to read "Anthony M. Di Tommaso". The signature is written in a cursive style with a large, stylized 'A' at the beginning.

Anthony M. Di Tommaso
Manager, Engineering
Cervis, Inc.