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Client: TMI-USA, Inc.
Model: RADIOZIGB1
Standards: FCC 15.247/IC RSS-210
ID's: RMK-ZIGB1/10839A-ZIGB1
Report #: 2013031

Appendix M: Manual

Please refer to the following pages.

USER'S GUIDE
ZigBeeLog Module

Quality Control



Sample Host Data loggers



TMI-ORION
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USER'S GUIDE
ZigBeeLog Module

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USER'S GUIDE
ZigBeeLog Module

1 – Description of the ZigBeeLog module

The ZigBeeLog electronic board module (RMK-ZIGB1 / 10839A-ZIGB1) contains all the electronics components for RF transmissions and power regulators. TMI is the designer of the ZigBeeLog module intended for use in data loggers made by TMI only.

The ZigBeeLog module contains its proper power supply regulation through a LDO regulator. This LDO powers the RF component with constant voltage. The power is supplied by a battery pack made by TMI (10Vdc Max).

The ZigBeeLog module is assembled in a stainless steel enclosure to constitute radio data loggers.

In the stainless steel enclosure, the ZigBeeLog module is permanently connected to a coaxial cable and then to a RF connector. In this manner, the only access the user has is to the RF connector to connect a specific antenna provided by TMI. The antennas used with the ZigBeeLog module are Omni-directional and the gain is less than 2.2dBi.

2 – Use of the ZigBeeLog module

The ZigBeeLog module was specifically developed by TMI for use in TMI's radio data loggers only. Every host data logger shall contain the label

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Contains FCC ID: RMK-ZIGB1
IC: 10839A-ZIGB1
Model: RADIOZIGB1

Where FCC ID: RMK-ZIGB1 / IC: 10839A-ZIGB1 is the module's certification number



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Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Not following those precautions and instructions would lead to irreversible damages of the module. No repair would be guaranteed by TMI-ORION.