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March 15, 2019

MET Laboratories, Inc.
914 West Patapsco Avenue
Baltimore, MD 21230

RE: LIMITED SINGLE-MODULAR APPROVAL EXPLANATION FOR "LXNAV Application module" with FCC ID 2ASPHLXNAVAM
To Whom It May Concern:

This letter serves as an explanation for single-modular approval for LXNAV Application module.
The module does not meet »TRANSMITTER MODULE EQUIPMENT AUTHORIZATION GUIDE« Section III.a.2 and Section III.a.3. It does not contain any buffers for digital (UART, I2C, USB, SPI) signals. Moreover, it does not contain any local voltage regulation on-board. It is the role of the host to provide adequate voltage and power to the module. However, this module will be only used in LXNAV designed and approved host devices. The radio elements on the module will always be shielded. The antenna connector on the modules is a U.FL type connector and the module will always be connected to the LXNAV 915MHz dipole antenna via a U.FL to RP-SMA cable. Below, is an explanation of the compliancy or deviation from Section III.a 1 to 8:

- III.a.1: Radio elements on the LXNAV Application module are always shielded.
- III.a.2: The module does not have buffered data inputs
- III.a.3: The module does not have power supply regulation present
- III.a.4: The module contains a U.FL type antenna connector
- III.a.5: The module is compliant in stand-alone configuration as presented by the sample sent to SiQ d.o.o., which incorporates a minimum host configuration for operation
- III.a.6: As per the included pictures, the module is labeled with a permanently affixed FCC label
- III.a.7: The module complies with all specific rules applicable to the transmitter. Refer to SiQ test report T251-0243/19
- III.a.8: The module complies with RF exposure requirements. Refer to SiQ test report T251-0243/19

LXNAV will not sell the LXNAV Application module to a third-party company, thus further ensuring appropriate use of the module.

Thank you for your attention.

Sincerely,
Erazem Polutnik
CEO