



January 8, 2017

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RE: Comments of January 4, 2017  
APPLICATION: Marine Instruments  
FCC ID: 2AEES-MPTR

The application references both M3P and M3P-T buoys – please describe, in detail, the differences between these 2 models. The FCC Waiver (DA 16-219) only references the M3P buoy, and not the M3P-T version. Please provide justification for also including the -T model under the Waiver (e.g., electrically identical rf section and operating characteristics, etc.).

*R. When the applicant began the process they did not have the M3P-T model. The electronics and all RF components are identical. The M3P-T model includes a temperature sensor. The circuit board is already ready for that so the only difference is the presence of not of the sensor. The same circuit board is used for both models.*

Page 3 of the revised Operational Description states that the M3P-T version of the EUT includes a temperature sensor and a “larger battery pack”. If this larger battery pack has a different capacity or potential than the battery pack used for the compliance testing, then additional measurements (e.g., output power) may be required. Please clarify.

*R. The battery pack for the M3P-T buoy has the same specifications as the basic battery pack – there are simply more storage cells.*