

Federal Communications Commission
Authorization and Evaluation Division



Subject: Mobilarm V200, FCC ID: SF5-00500

Dear Sir/Madam,

Mobilarm hereby requests the original equipment certification of their Model V200 Maritime Personal Location Beacon, FCC ID: SF5-00500 under Part 80 of the FCC rules.

The Mobilarm V200 product has been designed as a submarine escape personal location beacon, for use by the US Navy. The function of the V200 is similar to our earlier generation product the V100 SF5-00200. The V200 will transmit an emergency message to nearby ships and vessels, indicating the GPS location of the submarine survivor.

The V200 has been specifically designed to the US Navy requirements. The chassis and seals have been designed and tested to be watertight to sub-sea pressures of greater than 300-metres below the surface. The V200 will be worn by a submariner, together with an escape suit, if they are trapped in a downed submarine. The VHF beacon has a delayed activation so that it will not transmit until the submariner has escaped the submarine and reaches the surface.

A sample of the V200 product has been tested for compliance to FCC Part 80 by Northwest EMC Inc. Find enclosed the application for grant of equipment authorization and supporting paperwork, together with the supporting reports.

If you require any additional supporting documentation, or more product information is required, please contact myself at Mobilarm or Vicky Albertson at Northwest EMC.

Sincerely,

Peter Bettonvil
R&D Manager
MOBILARM LIMITED