



Software
Radio Technology

Software Radio Technology PLC
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Ref: SART (409-0002)

20 November, 2012

Federal Communications Commission
PO Box 979097
St Louis
MO 63197-9000
United States of America

Dear Sir,

SRT-Marine Technology SART (409-0002)

Request for waiver to allow Certification and use of SRT-Marine Technology AIS SART.

SRT-Marine Technology, as inventor of this AIS SART hereby request waiver to allow certification and use of the SRT-Marine Technology AIS SART Product.

This is Search and Rescue equipment using the AIS system to locate a survival craft or distressed vessel, by transmitting unique identification code and GPS coordinates to all AIS-enabled devices within the VHF radio range.

Specifically the SART transmits on the International AIS channels (AIS 1-161.975 MHz and AIS 2-162.025 MHz IN THE Maritime VHF band using modulation scheme of SOTDMA.

The International Maritime organisation has amended the Global Maritime Distress and Safety System (GMDSS) regulations to permit AIS SARTS as an alternative to GMDSS SART's operating in 9.2-9.5 GHz band effective of January 1 2010.

Yours sincerely,

Richard McMahon
Certification Engineer
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**U.S. Department of
Homeland Security**

**United States
Coast Guard**



**Commandant
United States Coast Guard**

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Washington, DC 20593-7126
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**2012-3027
16714
December 18, 2012**

**Software Radio Technology, PLC
Attn: Mr. Richard McMahon
Wireless House, Westfield Industrial Estate
Midsomer Norton, Bath BA3 4BS
United Kingdom**

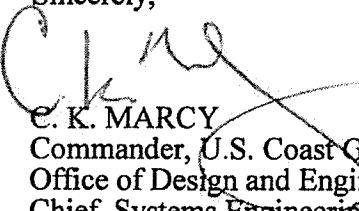
Mr. McMahon:

Our office has evaluated the Mercury Automatic Identification System (AIS) Search and Rescue Transponder (SART) (409-0002). Based on the information you submitted, the system meets the technical requirements outlined in the Safety of Life at Sea Convention (SOLAS) regulation III/6.2.2, regulation IV/7.1.3, and the performance standards in the International Maritime Organization's Resolution MSC.246(83).

This equipment is not subject to U.S. Coast Guard type-approval per Title 46 U.S. Code of Federal Regulations (CFR) subpart 159 nor should it be marketed as having received such type-approval. However, this letter may be used during the review and approval process performed by the U.S. Federal Communications Commission, as applicable.

If you have any questions please feel free to contact this office at the email address or phone number above.

Sincerely,


**C. K. MARCY
Commander, U.S. Coast Guard
Office of Design and Engineering Standards
Chief, Systems Engineering Division
By direction**