

## FCC Telefax Cover Sheet



**DATE:** September 13, 2010

**From:** Jim Shaffer  
Wireless Telecommunications Bureau  
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**TO:** Jotron AS  
ATTN: Otto Holm

**REMARKS:** Please find attached the grant of your request for waiver of Part 80 rules to allow for the certification of Tron AIS-SART. You will need to submit both the letter granting your request for waiver and the U.S. Coast Guard's July 20, 2010 letter with your application for certification.

This cover sheet is 1 of 3 page.

**GRANTED**  
FOR THE REASONS INDICATED BELOW  
*Seth 9/13/10*

**Jotron AS**  
Jotron Phontech AS  
Jotron UK Ltd.  
Jotron ASlo Pte. Ltd.  
Jotron USA, Inc.  
UAB Jotron



Federal Communications Commission

P.O.Box 979097  
St. Louis, MO 63197-9000  
USA

Tjodalyng: 29.07.2010

**Request for waiver to allow Certification and Use of Tron AIS-SART, Automatic Identification System Search and Rescue Transmitter.**

Jotron AS, as the inventor of this Automatic Identification System Search and Rescue Transmitter, hereby request waiver to allow Certification and Use of Tron AIS-SART.

This is a new type of search and rescue equipment using the AIS system to locate a survival craft or distressed vessel by transmitting a unique identification code and Global Positioning System (GPS) coordinates to all AIS-enabled devices within VHF radio range. Specifically, the Tron AIS-SART transmits on the international AIS channels (AIS 1 – 161.975 MHz and AIS 2 – 162.025 MHz) in the maritime VHF band, using a modulation scheme of Self-Organizing Time Division Multiple Access (SOTDMA) employing Gaussian minimum shift keying.

During 2009/2010 Jotron AS together with USCG have performed a lot of live tests, and conclude that Tron AIS-SART will enhance marine safety by improving the efficiency of search and rescue operations.

The International Maritime Organization has amended the Global Maritime Distress and Safety System (GMDSS) regulations to permit AIS SARTs as an alternative to GMDSS SARTs operating in the 9.2-9.5 GHz (9 GHz) band, effective January 1, 2010.

For and behalf of  
Jotron AS

Otto Holm  
CTO Jotron AS

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U.S. Department of  
Homeland Security

United States  
Coast Guard



Commandant  
United States Coast Guard

2100 Second Street, S.W. Stop 7126  
Washington, DC 20593-7126  
Staff Symbol: CG-5213  
Phone: (202) 372-1384  
Fax: (202) 372-1925  
Email: maurice.m.ponder@uscg.mil

2010-2847  
16714  
July 20, 2010

Jotron AS  
Attr: Eirik Storjordet  
P.O. Box 54  
NO- 3280  
Tjodalving, Norway

Dear Mr. Storjordet:

Thank you for your submitted documentation for the Jotron, Tron-Automatic Identification System (AIS) Search and Rescue Transponder (SART). Based on the manufacturer's documentation and test results from Bundesamt für Seeschifffahrt und Hydrographie (BSH), we are satisfied that the Jotron, Tron AIS SART meets IEC 61097-14. This equipment is not subject to U.S. Coast Guard type-approval per Title 46 CFR subpart 159.005 nor should it be marketed as having received such type-approval.

If you have any further questions please contact Mr. Maurice Ponder (202) 372-1384.

Sincerely,

A handwritten signature in black ink, appearing to read "J. D. Reynolds".

J. D. REYNOLDS  
Commander, U.S. Coast Guard  
Chief, Systems Engineering Division  
By direction

Copy: (1) Federal Communications Commission