



Federative Republic of Brazil  
Telecommunications National Agency

## Certificate of Equipment Authorization

(Not Transferable)

Nº **01774-13-07588**

Expires: **10/10/2022**

Date of Certificate: **10/10/2017**

Applicant:

**ULSTEIN BELGA MARINE SERVICOS DE ELETRONICA NAVAL LTDA  
RUA SACADURA CABRAL Nº81 1002-(PARTE)  
SAUDE  
20081262 RIO DE JANEIRO RJ**

Manufacturer:

**JOTRON AS  
ØSTBYVEIEN 1, PO BOX 54 TJODALYNG  
NORUEGA**

This document approves, in accordance with the Telecommunication Rules and Regulations, the Declaration of Conformity issued by the applicant. This approval is issued on behalf of the applicant here identified and is valid only for the product described below for use under the Anatel's Rules and Regulations.

Type - Category:

**Transceptor para Sistema Automático de Identificação de Navios - II**

Model - Comercial Name (s)

**Tron AIS TR-8000**

Basic technical characteristics:

Faixa de Frequências Tx (MHz)	Potência Máxima de Saída (W)	Designação de Emissões
156,025 a 157,425	12,5	16K0GXW, 11K5GXW, 14K2G2B
160,625 a 160,875	12,5	16K0GXW, 11K5GXW, 14K2G2B
160,925 a 160,975	12,5	16K0GXW, 11K5GXW, 14K2G2B
161,475 a 162,025	12,5	16K0GXW, 11K5GXW, 14K2G2B

Comments

**Na sua utilização o produto deve estar ajustado na(s) potência(s) e frequência(s) autorizadas pelo órgão técnico competente da Agência Nacional de Telecomunicação - Anatel.**

This certificate renew the certificate of the same number issued in 25/06/2015

Constitutes an obligation of the manufacturer or supplier of the product in Brazil to identify all approved products with Anatel's mark before its distribution to the market, as well as observe and maintain the technical characteristics which motivated the original certification.

**The information in this Approval Certificate can be confirmed in the Certification and Approval Management System - SCH, available on Anatel's website. ([www.anatel.gov.br](http://www.anatel.gov.br)).**

Marcos de Souza Oliveira  
Gerente de Certificação e Numeração