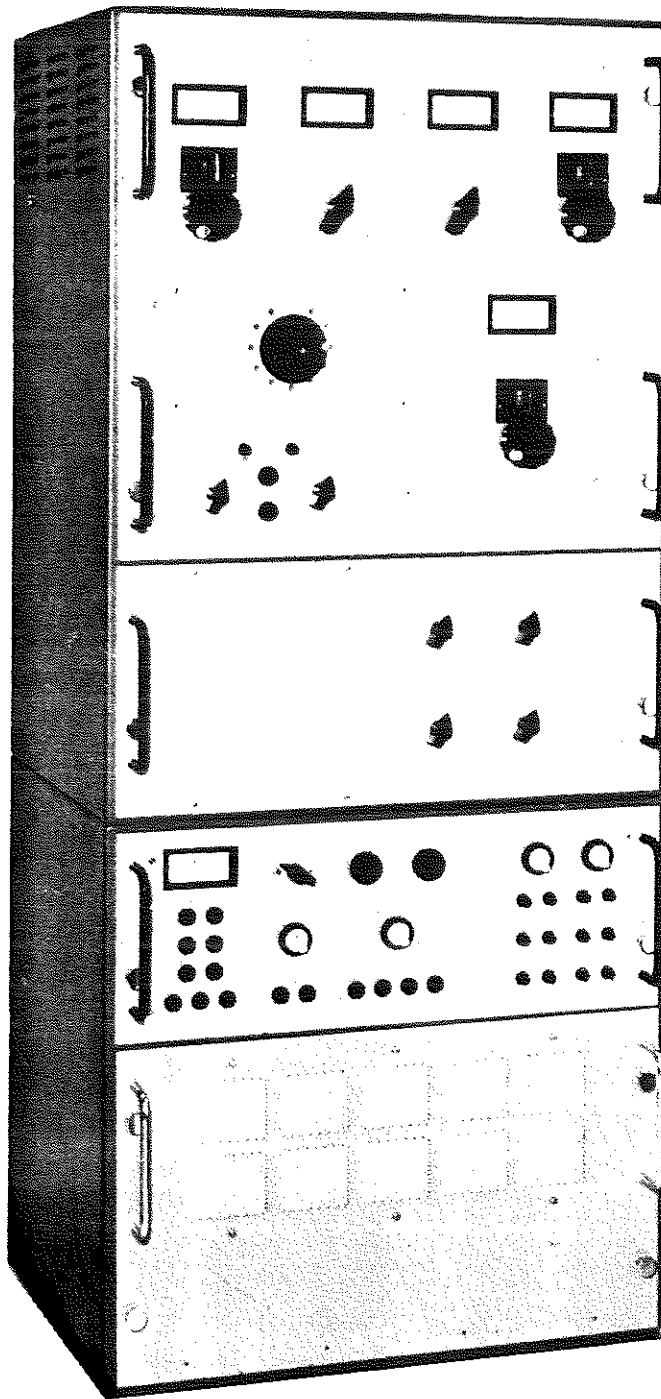


Equipment Type Types	A 250 B
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## Full Main Transmitter 1KW SSB/CW/F1 405 kHz - 25.6 MHz

176 crystal controlled channels.

Aerial tuning and matching is carried out by means of front panel controls enabling the user to correct match to any reasonable aerial encountered onboard ships.

In "OFF" and "STAND-BY" condition the aerials are automatically placed in the D/F position and mains power for the D/F receiver available.

Mains switches and fuses for emergency transmitter, auto-alarm, direction finder and 4 receivers placed on the main power distribution panel.

Modular construction, all units outdrawable.

Dimensions: height 1400 mm  
width 640 mm  
depth 500 mm

Weight: appr. 271 kilos

Complete specification on reverse side.

## Specification

**Frequency Range:**

405 – 535 KHz  
1605 – 4000 KHz  
4060 – 25600 KHz

**Number of Channels:**

176

**Stability:**

Short time better than  $\pm 40$  Hz  
Long time better than  $\pm 100$  Hz

**Types of emission:**

A<sub>1</sub> Telegraphy CW  
A<sub>2</sub>H Modulated Telegraphy  
A<sub>3</sub>A Telephony  
A<sub>3</sub>H Telephony  
A<sub>3</sub>J Telephony  
F<sub>1</sub> Frequency shift Telex

**Carrier Suppression:**

A<sub>2</sub>H Modulated Telegraphy, MCW, SSB SC.  
(carrier  $\div 4^{1/2} - \div 6$  dB)  
A<sub>3</sub>A Telephony SSB SC  
(carrier  $\div 16$  dB  $\pm 2$  dB)  
A<sub>3</sub>H Telephony SSB SC  
(carrier  $\div 4^{1/2} - \div 6$  dB)  
A<sub>3</sub>J Telephony SSB SC  
(carrier  $\div 50$  dB)

**Output:**

Telegraphy A<sub>1</sub> 1000 Watt  
Telegraphy A<sub>2</sub>H 1000 Watt  
Coastal Telephony (1605–4000 KHz)  
A<sub>3</sub>A, A<sub>3</sub>H, A<sub>3</sub>J, Max. 400 Watt P E P  
H F Telegraphy & Telephony  
4–12 MHz A<sub>1</sub> 1000 Watt  
A<sub>2</sub>H 1050 Watt  
A<sub>3</sub>A–A<sub>3</sub>H–A<sub>3</sub>J 1100 Watt  
F<sub>1</sub> 1000 Watt  
16–12 MHz A<sub>1</sub> 800 Watt  
A<sub>2</sub>H 850 Watt P E P  
A<sub>3</sub>A, A<sub>3</sub>H, A<sub>3</sub>J 850 Watt  
F<sub>1</sub>–800 Watt  
25 MHz A<sub>1</sub>–500 Watt

**Harmonic Content:**

$< \div 43$  dB relative to P E P

**Attenuation of unwanted Sideband:**

Better than 43 dB

**A F Response:**

Straight between 350–2700 Hz  
6 dB down at stated limits

**Operative temperature range:**

0°–40°C

**Power Supply:**

AC 3 phase 3  $\times$  220 or 3  $\times$  380 Volts 50 Hz  
AC 3 phase 3  $\times$  440 Volts 60 Hz

**Power Consumption:**

Max. 3 KVA

**Dimensions:**

Height abt. 1400 mm  
Width abt. 640 mm  
Depth abt. 500 mm  
Weight: 271 kilos

Agent

