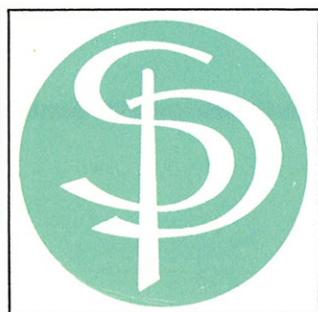


Sailor SATELLITE BACK-UP RADIO STATION

The growing use of Satellite Communication Terminals on board radio compulsory fitted ships has had the effect that the authorities in many countries are waiving the IMCO regulation, SOLAS 1974, as far as the radio installation is concerned.

In order to fulfil these new requirements from the authorities, when the ship has a Satellite Communication Terminal, S. P. Radio has made up a so called SAILOR SATELLITE BACK-UP RADIO STATION with the following main specifications:

- Exceeds IMCO's SOLAS regulation for the main transmitter and main receiver and complies with CEPT and UK MPT requirements.
- Telegraphy and SSB telephony radio station covering all international maritime frequency bands from 400 kHz to 27.5 MHz.
- Automatic change-over from the mains supply to the reserve battery supply, without reduction in the transmitter and receiver data.
- Transmitter aerial switch complying with IMCO's SOLAS regulations.
- Built-in SOLAS dummy load for 400 - 535 kHz and 2 MHz bands.
- Receiver aerial selector panel for 3 aerials to the receivers.
- Pre-wired for connection of radio telex modem (SAILOR ARQ H1240).



Sailor

S.P. RADIO A/S · AALBORG · DENMARK

Sailor SATELLITE BACK-UP RADIO STATION

From SAILOR short wave Programme the 1000 following units are being used for this back-up station:

SAILOR H1201 MAIN 500 kHz TUNER

With built-in dummy load for 400 - 535 kHz and 2 MHz bands. Can in an emergency situation be tuned to any aerial just by setting the controls on the front.
Output power 500 kHz band: 10 Amp. in 400 pF and 4 ohm.

SAILOR H1203 POWER SUPPLY CHANGE-OVER UNIT

Cuts in the AC or DC power supply, which ever is in ON position. If both power supplies are ON H1203 cuts in the AC power supply.

SAILOR H1218 AUTOMATIC KEYING DEVICE & AUTO ALARM RECEIVER

Sends radiotelegraph alarm signal and distress signal followed by the ships call signal. Auto alarm receiver with built-in loudspeaker for 500 kHz watch keeping purposes.

SAILOR H1241 TRANSMITTER AERIAL SWITCH

Complies with SOLAS and national requirements for switching, closing and opening of the transmitter aeriels.

SAILOR H1242 CONNECTION BOX FOR BACK-UP STATION

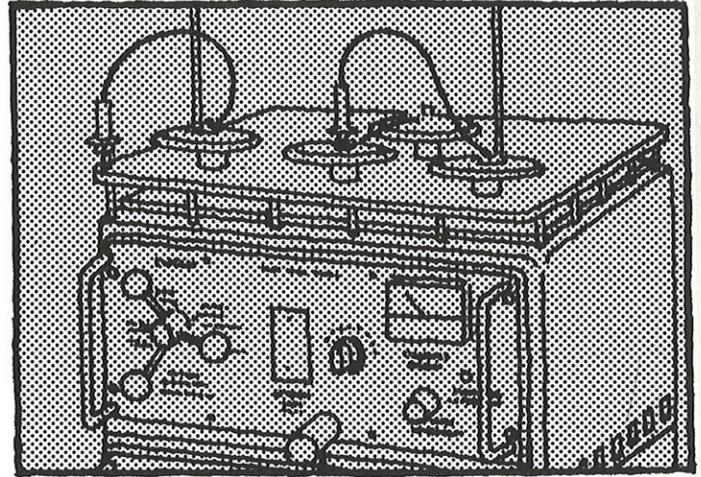
For connection of all AC and DC supply cables to the radio station.

SAILOR H1243 RECEIVER AERIAL SELECTION PANEL

Possibility for selection of 3 aeriels to the receivers. Receiver Protecting Unit H1223 is not incorporated.

SAILOR T1127L MAIN TRANSMITTER

Output power 500 kHz band: 10 Amp. in 400 pF and 4 ohm.
Output power 1.6 - 4 MHz: 400 Watt PEP.
Output power 4 - 26 MHz band: 800 Watt PEP (1200 Watt »talk power«).



SAILOR S1301L MAIN EXCITER

All frequencies in the maritime bands from 410 kHz - 26 MHz.
Modes: A3J - A3A - A3H - A2H - A1 - Telex.
Frequency stability 0°C - 40°C less than ±25 Hz.
Built-in 2182 kHz two tone alarm signal generator.

SAILOR R1120 MAIN RECEIVER

Frequency range 10 kHz - 30 MHz.
Modes: A1 - A2 - A2H - A3 - A3H - A3A - A3J - F1 - 2.4F4.
Frequency stability: 0° - 40°C less than ±25 Hz.

Note:

When two main receivers R1120 are being used one of them must be supplied from the SAILOR AC/DC Power Supply N1405.

SAILOR N1400 DC POWER SUPPLY

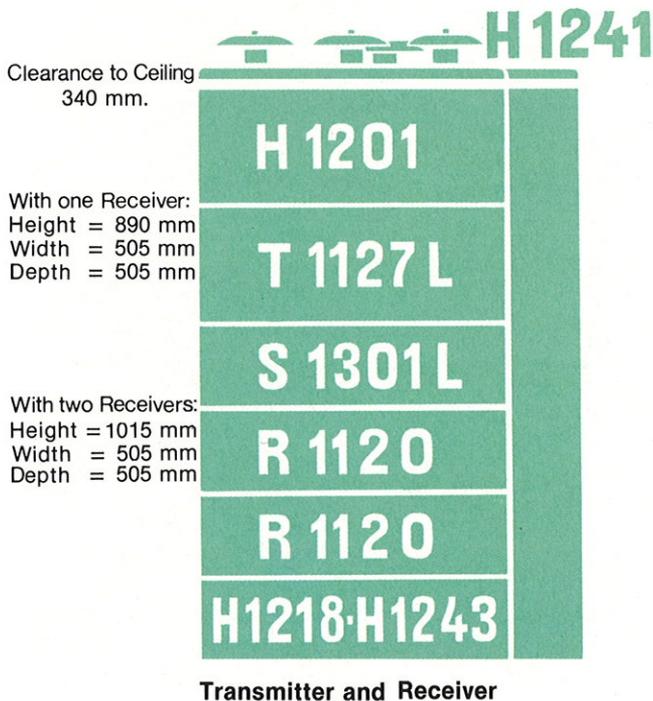
24V DC from battery.

SAILOR N1401 AC POWER SUPPLY

110/127/220/237V AC from mains.

SAILOR N1404 BATTERY CHARGER

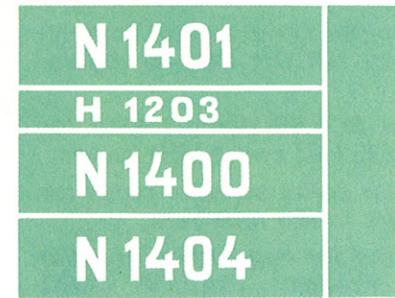
40 Amp. automatic charging.
105 - 140V AC one version.
205 - 265V AC one version.



Height = 273 mm
Width = 205 mm
Depth = 74 mm



Height = 465 mm
Width = 505 mm
Depth = 500 mm



INSTALLATION

In general the installation is as for the normal SAILOR short wave Programme 1000.

The power-pack with the N1400 - N1401 - N1404 and H1203 can be installed up to 5 metres away from the transmitter and receiver section.

