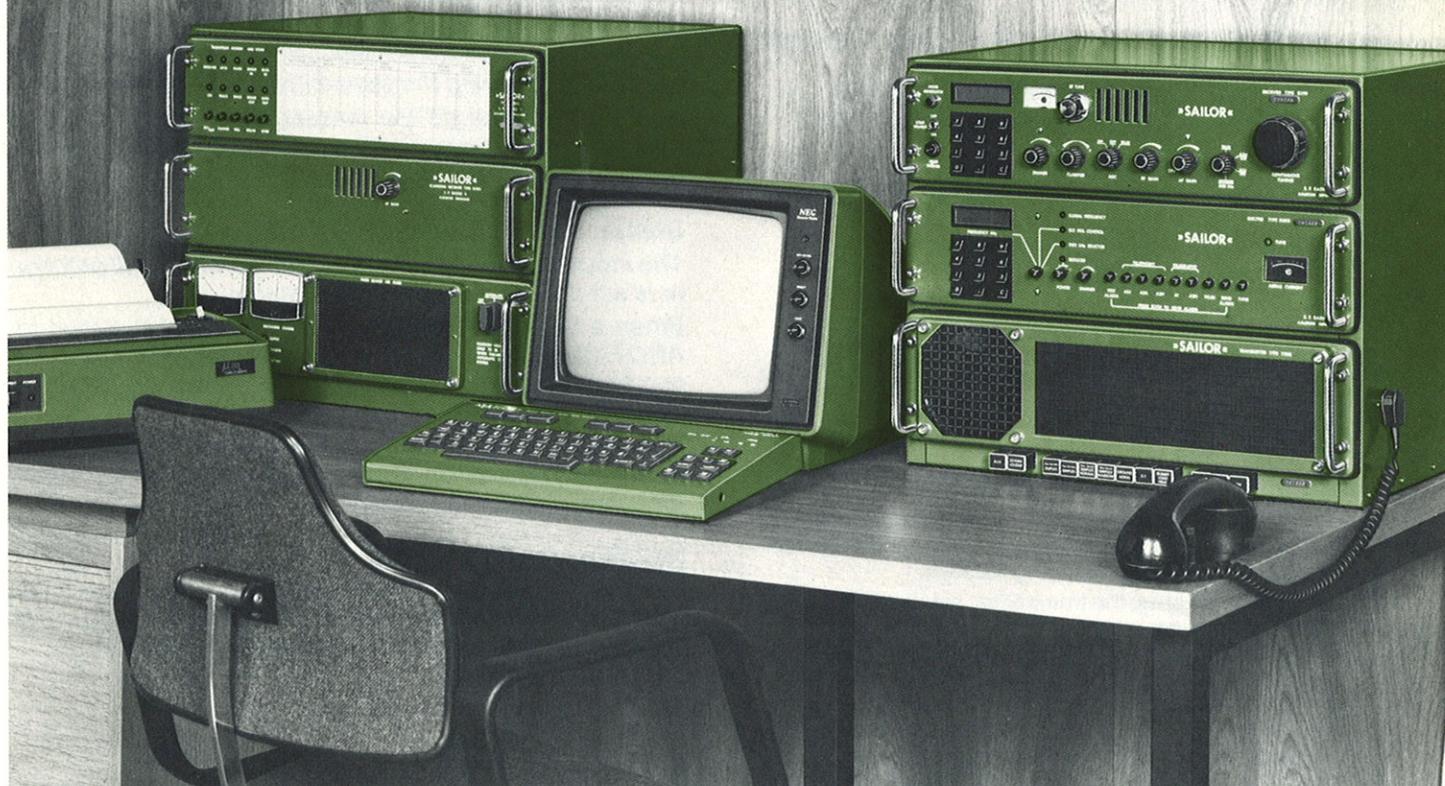


Sailor

AUTOMATIC RADIOTELEX STATION

**SSB Short-Wave Telephony Station
and Automatic Radiotelex Station**
Unattended reception and transmission of
radiotelex messages.



Sai or

S.P. RADIO A/S - AALBORG - DENMARK

Sailor AUTOMATIC RADIOTELEX STATION

INTRODUCTION

Automatic Radiotelex System

Already today several coast radiostations are ready to handle a telex connection direct from the ship to the telex subscriber ashore fully automatically, and more coast stations will be ready in the near future.

The automated coast radiostation will transmit a free-signal, indicating that the station is free and ready to receive a radiotelex call.

Nordic Maritex System

Maritex is an automated radiotelex system for exchange of telex messages between ship and land and vice versa and also between ships. The central Maritex equipment is located at Göteborg Radio and gives subscribers the possibility to automatically receive and transmit radiotelex throughout the 24 hours of the day. The Maritex system is based on the »store and forward« principle. The Maritex system is open to shipowners of all nations.

SAILOR Automatic Radiotelex Station

With the SAILOR Short Wave Programme 1000/B it is today possible to have a fully automatic shipboard radiotelex station, which complies with the Nordic Maritex regulations and with other requirements for automatic radiotelex systems in marine, land mobile and diplomatic applications.

The station consists of:

Automatically tuned transmitter AT1500 + T1130 + S1303/4 + R1119.

(R1119 is only necessary when radiotelephony is required).

Features: See special brochure SAILOR Programme 1000/B.

Radiotelex Scanning Receiver R1121.

Features: See special brochure SAILOR Programme 1000/B.

Radiotelex Modem ARQ H1240.

Features: See special description.

Keyboard Processor H1249.

Features: Soft keys for communication control and easy operation. Word processing facilities.

Video Monitor H1253; NEC JB-1201M

Printer H1252; OKI u80.

Automatic Control and Scanning Facilities

The Radiotelex Modem ARQ H1240 can in addition to receiving and transmitting messages in ARQ-mode, control the automatically tuned transmitter and the scanning receiver.

The ARQ H1240 can power-up the transmitter, set-up the transmitting frequency, and start tuning the transmitter.

The ARQ H1240 can set-up the receiving frequencies, control the scanning sequence, and search for incoming calls. From the Keyboard Processor H1249 the ARQ H1240 can in a non-volatile memory be programmed with 15 radiotelex stations, their call number and name, together with 7 frequency pairs. The scanning sequence of the max. 21 channels the receiver R1121 has to perform is also controlled from the keyboard of the Keyboard Processor H1249.



Automatic Operation

The operator sets-up the scanning sequence with the frequencies of the coast stations he wants to use.

Unattended Radiotelex Reception

On receiving the selcall number of the ship the ARQ H1240 powers-up the transmitter, sets-up the transmitting frequency, and starts tuning the transmitter (all inside 15 secs).

After having received the message the transmitter shuts down and the receiver R1121 starts scanning again, waiting for a new radiotelex message.

Unattended Radiotelex Transmission

The message is stored in the memory and the call procedure is set-up for the wanted coast station.

When a free-signal is received from the coast station the ARQ H1240 powers-up the transmitter, sets-up the transmitting frequency, and starts tuning the transmitter (all inside 15 secs).

After having transmitted the message the transmitter shuts down and the receiver R1121 starts scanning again, waiting for a new radiotelex message.

Reliable and Cost Saving

The SAILOR automatic radiotelex station will not only give a more reliable MF/HF radiotelex system but will also decrease the manpower required due to the automatic operation facilities.

