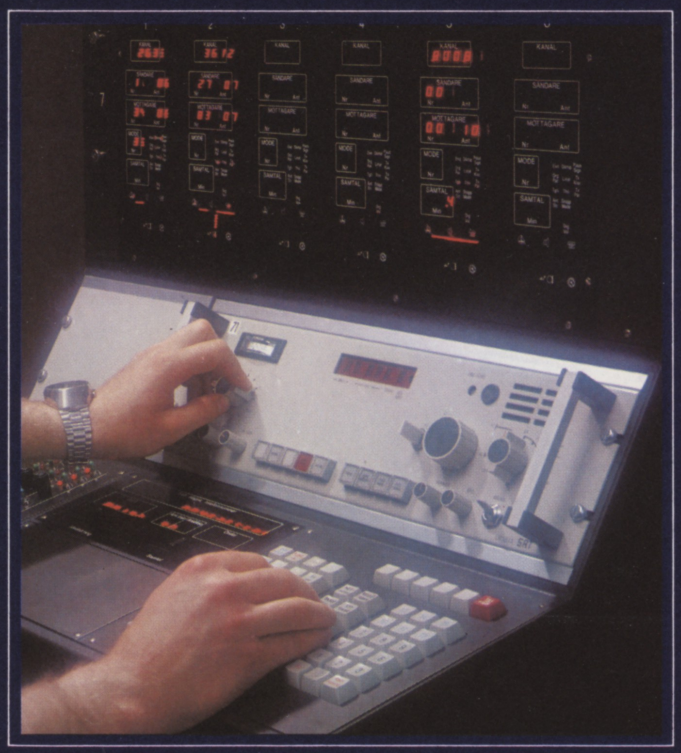
THE ONE-MAN RADIO STATION.

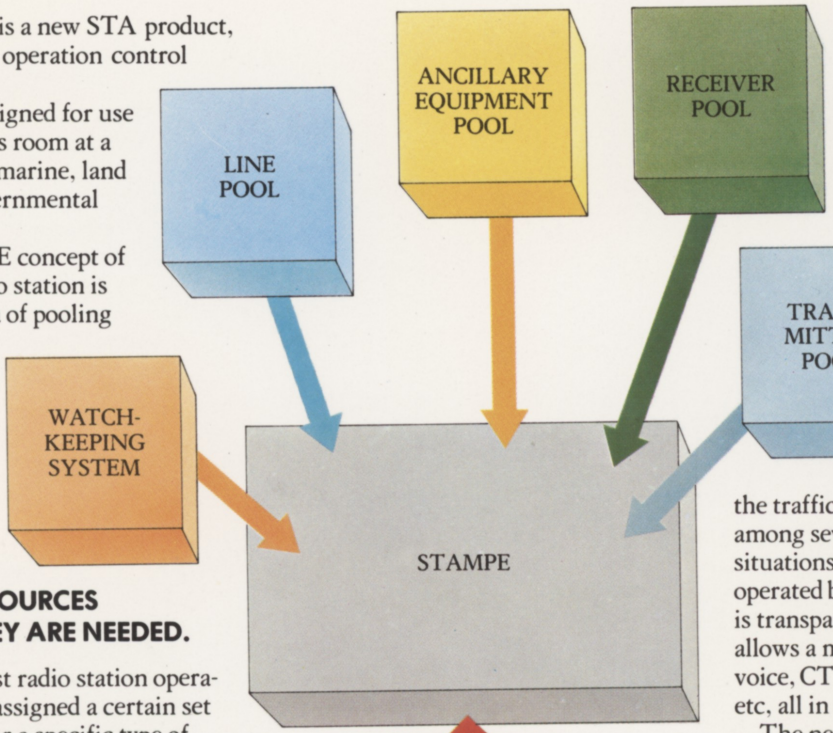


STAMPE

A new approach to control and operation of radio networks for voice and telegraphy.

STAMPE is a new STA product, a manual operation control system.
STAMPE is designed for use in the operations room at a radio station in marine, land mobile and governmental radio networks.

The STAMPE concept of operating a radio station is based on an idea of pooling the resources.
The design guidelines have been flexibility and economy.



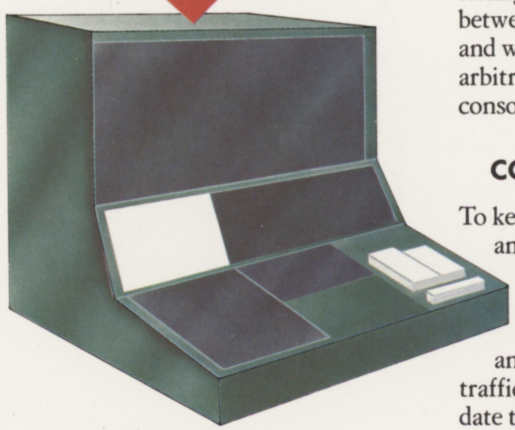
RESOURCES WHERE THEY ARE NEEDED.

Up till now most radio station operators have been assigned a certain set of equipment for a specific type of traffic. The equipment configuration is often very rigid. Peak traffic cannot be distributed among operators which results in queue situations. The STAMPE POOL Concept lends flexibility simply by letting the resources go where they are required!

Instead of permanently assigning equipments to operators, STAMPE assigns them on demand. All transmitters, receivers, lines and ancillary equipment belong to pools; transmitter pool, a receiver pool etc.

From the pools STAMPE selects the best possible combination of equipment and assigns them to the operator. Reserve equipment is automatically selected if the main equipment is inoperative.

Several operators can draw on the pool simultaneously and each operator can request several channels for simultaneous or independent operation. Urgent equipment requirements are honoured even if the equipment is already assigned to another operator. When the operator deselects a channel the equipment combination is released to the pool. Assigned channels and their status is clearly and logically displayed on the operators' consoles.



ALL TRAFFIC TYPES IN ONE CONSOLE.

The flexibility achieved in the STAMPE concept allows instant adaptation to trafic requirements. In high-traffic situations the traffic load can be distributed among several operators. In low-traffic situations the entire station may be operated by a single operator. STAMPE is transparent to traffic types and allows a mix of services such as VHF voice, CT voice, MF and HF telegraphy etc, all in the same operator's console.

The new calling procedures adopted in the maritime mobile services are incorporated in the STAMPE system. The requirement to keep watch on several spot frequencies is met by letting a set of receivers change between frequencies in a sequence and with a speed which can be arbitrarily selected from the operator's console.

COMBINE WITH INFOSAG.

To keep track of the traffic situation and display it to operators in a well-known problem. The traffic situation is the basis for the traffic list which is used to announce to ships that they have traffic waiting. It is important to update this list constantly.
STAMPE's companion system INFOSAG displays and updates the traffic situation and assembles and transmits traffic lists in Morse Code.

OPERATOR'S CONSOLE FEATURES:

CHANNEL DISPLAYS.

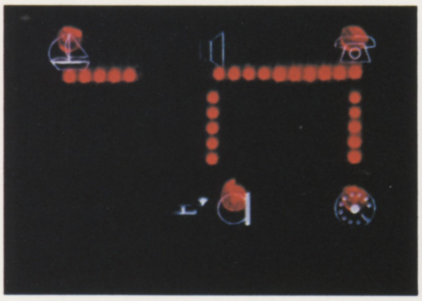
Along the vertical panel of the console six channel displays are located. Since the keyboard is common to all the channels, the Channel displays serve to display channel status to the operator.

On each display is shown:
Channel number,
transmitter and antenna number,
receiver and antenna number,
channel mode,
charged minutes.

A cluster of LED indicators show the status of various auxiliaries such as scrambler, echo suppressor etc.

SYMBOL AREA.

At the bottom of each channel display a symbol area clearly displays the status of channel operation. LED arrays show dotted lines between symbols to indicate:
Operator connected to Line or ship,
ship connected to line,
monitoring on,
operator in dial-up sequence,
etc.



The logical layout of the symbols and the dotted LED lines gives instant status information at a glance.

WATCH-KEEPING.

This unit controls the watch-keeping