

THE ONE-MAN RADIO STATION.



STAMPE

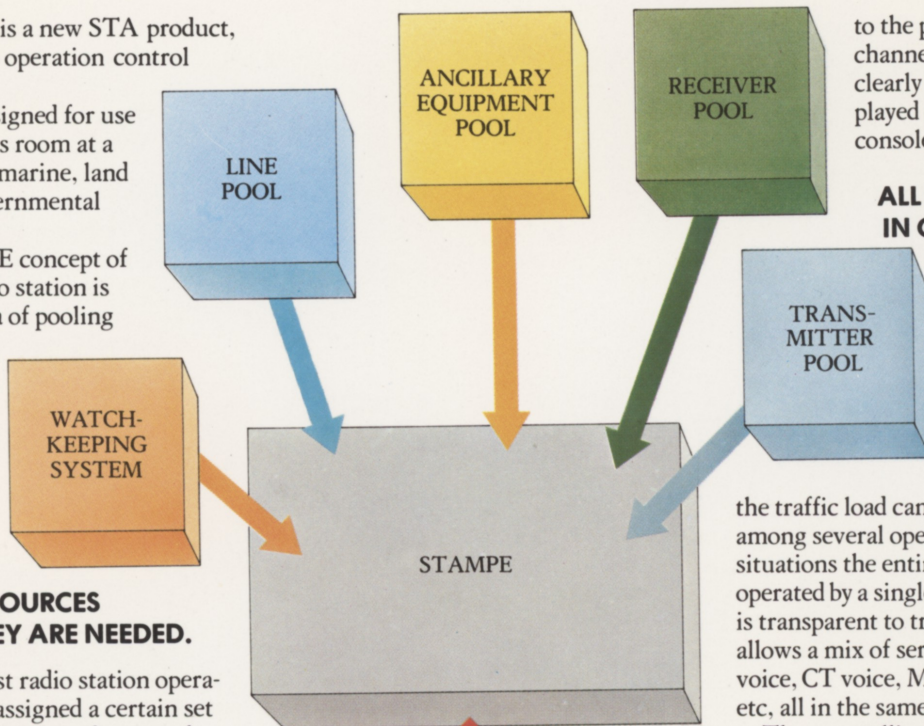
*A new approach to control
and operation of radio networks
for voice and telegraphy.*

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

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 traffic 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.

are honoured even if the equipment is already assigned to another operator. When the operator deselects a channel the equipment combination is released

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.

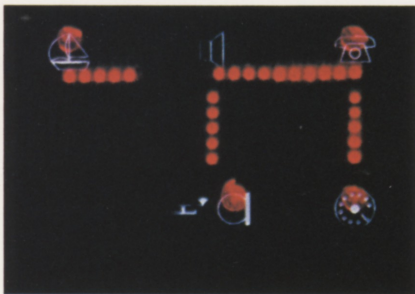
On each display is shown:
Channel number,
transmitter and antenna number,
receiver and antenna number,
channel mode,
charged minutes.

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:

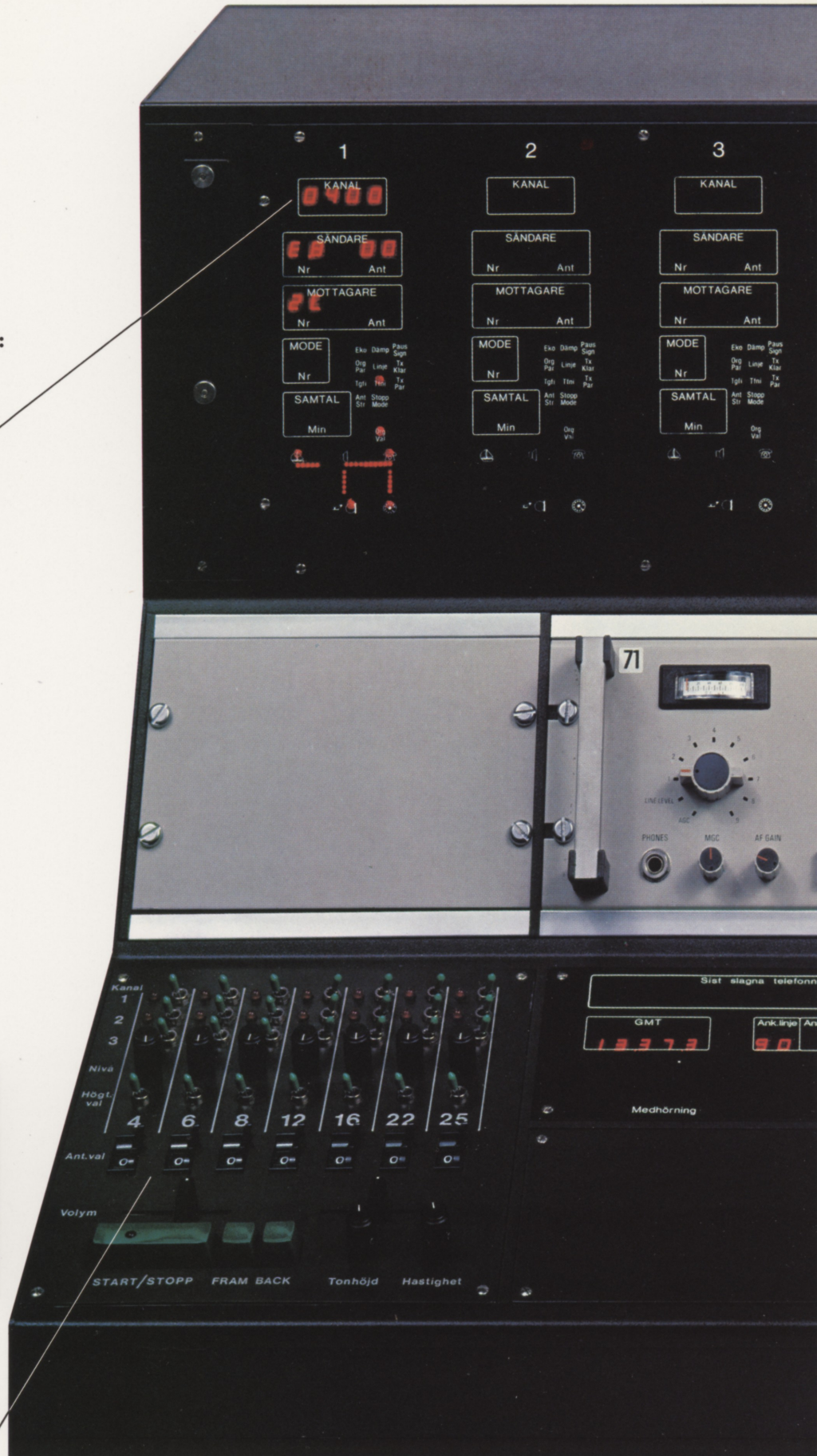
Operator connected to Line or ship,
ship connected to line,
monitoring on,
operator in dial-up sequence,
etc.

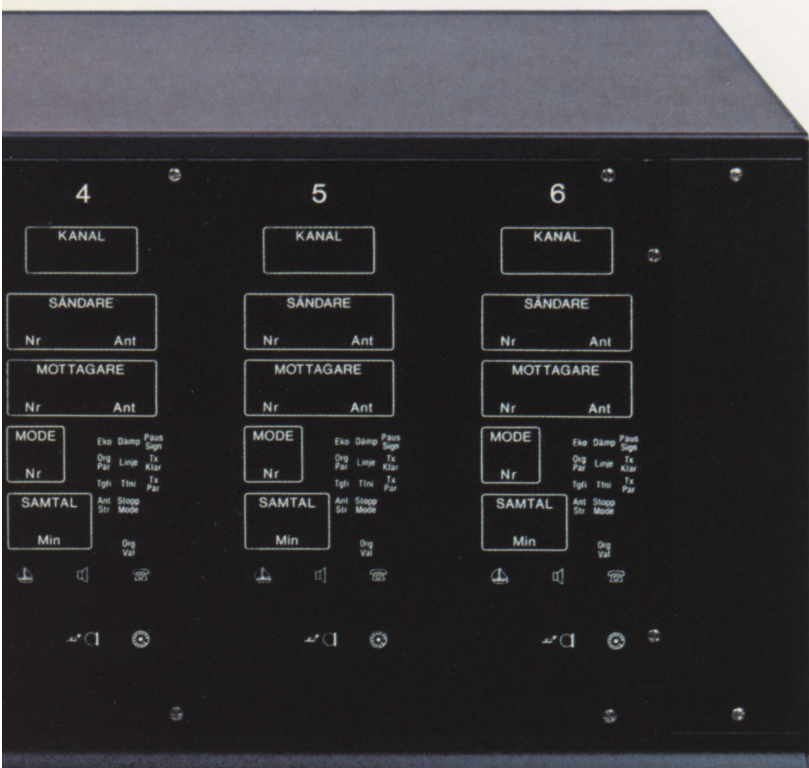


The logical layout of the symbols and the dotted LED lines gives instant status information at a glance.

WATCH-KEEPING.

This unit controls the watch-keeping





schedule at the coast station. The new calling procedures require watch-keeping on international and national calling channels. In the STAMPE system three channels per band can be selected. One receiver per band is stepped between the three frequencies continuously. The operator can stop the scanning of the frequencies, single-step forward and reverse and adjust scanning speed. He can also select antennas, adjust pitch and audio levels. A loud-speaker selector allows grouping of watched bands to two loud-speakers. This aids in band identification when watch is kept on several bands simultaneously.

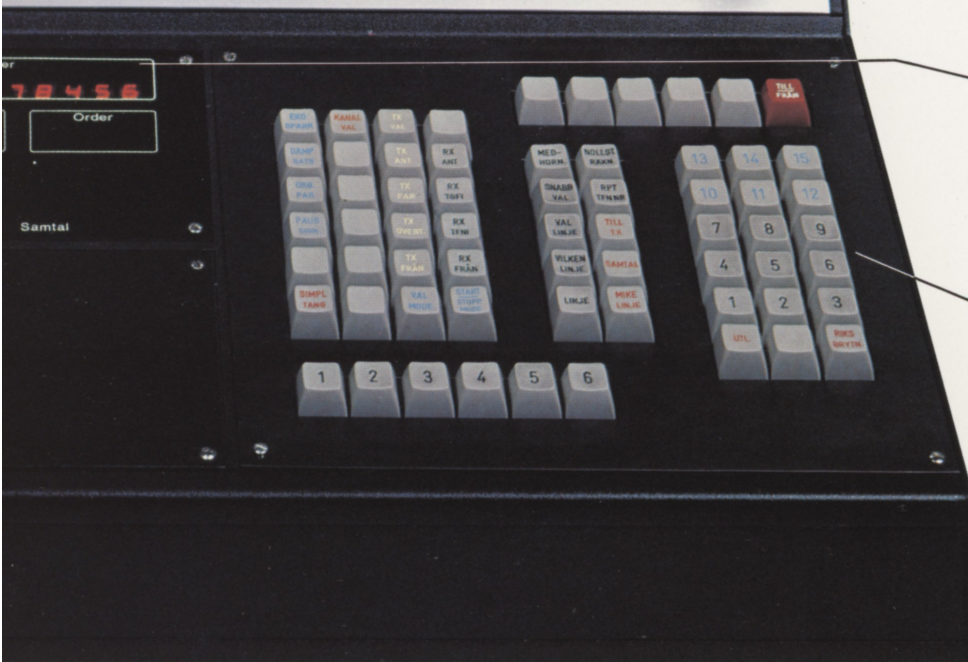
RECEIVER PANEL.

Apart from the pool of receivers, which gives the operator access to several receivers, he also has a local receiver, which can be assigned to a channel or be used for monitoring purposes etc.



WORKING DISPLAY.

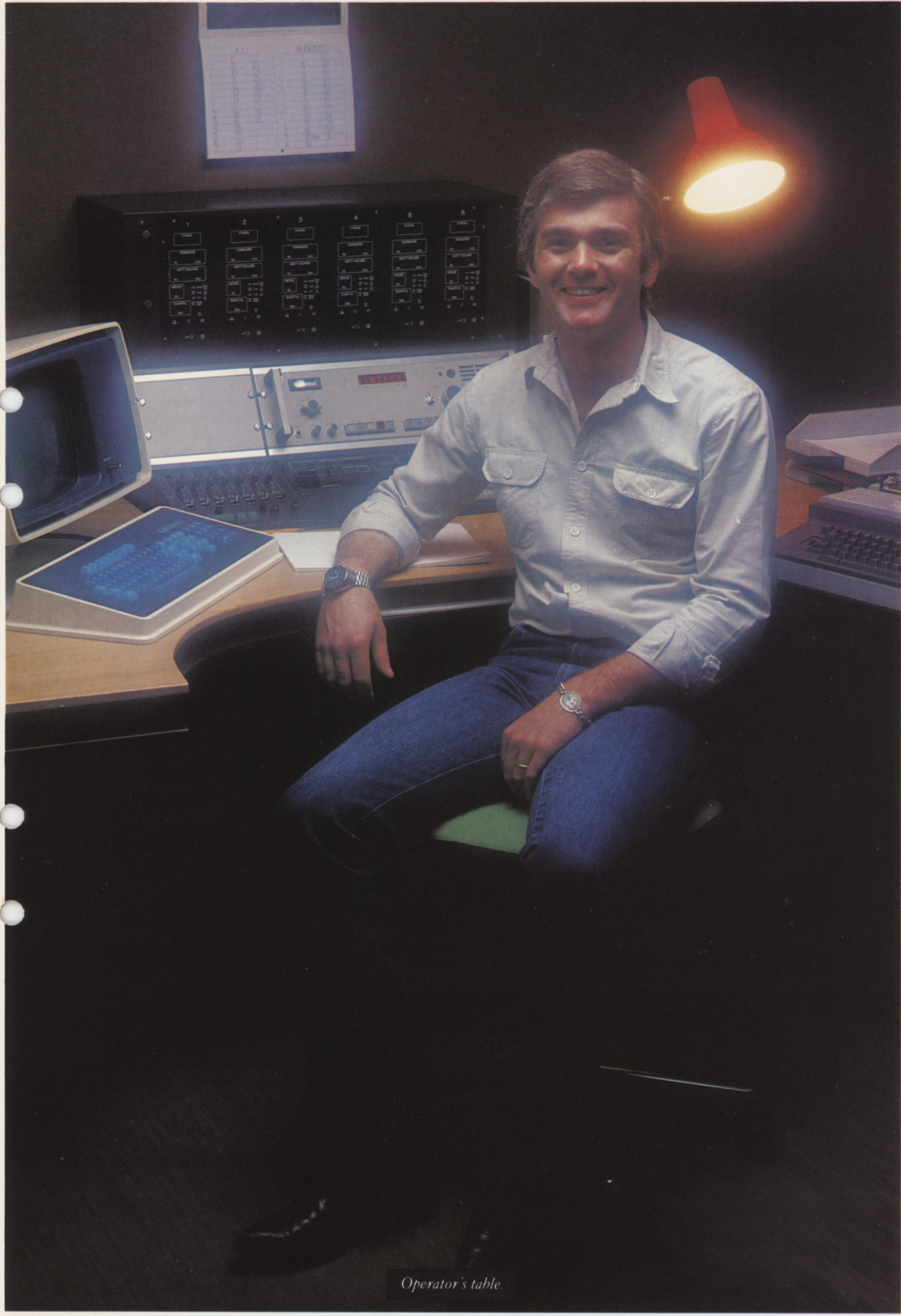
Located centrally on the console the working display shows the last dialled telephone number, line numbers, local time etc. The unit also contains controls for line levels and monitoring.



KEYBOARD.

Control of the STAMPE system is performed from this keyboard. After pressing a selector key to define one of the six available channel displays, all commands refer only to that channel. Instant recall of any channel is available for fast operation.

The keyboard layout is divided into groups according to function, the most frequent in the center. The numerical keypad is most frequently used and it is therefore located to the right for easy access.



Operator's table.

MADE BY STA

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