

*Specially designed to handle maritime services in the coast stations, the 6BR413 shelf allows to control, to switch and to interconnect accesses for radioelectrical and Operator Positions links.*



- *Easy adaptation of any configuration thanks to a standardised backplane which can support different access board types.*
- *"Modules" equipped with Digital Signal Processors (DSP) for the control of radio channels, terrestrial lines and Operator Positions.*

## FUNCTIONS

- Operator Positions access control (Morse, push-to-talk command, multiplexing of channels towards a loudspeaker).
- Remote control of radio stations via V.24 serial links or E&M signalling loops.
- Selection of the channel signalling protocol by means of system command.

## SIGNALLING PROTOCOLS

- DSC signalling for VHF and MF/HF (Last version of ITU-R M.493).
- NBDP signalling in ARQ and FEC modes (Lasts version of ITU-R M.476 and M.625).

## OTHERS

- EMC and Safety compliant
- Mains power supply 170 to 260 VAC – 50 to 60 Hz
- Standard shelf 19", 3 Units high

## CAPACITY OF 6BR413

- Operator positions: N = 1 or 2
- Radio channels: (8-N) max  
*Radio channels have 4-wire + 2 E&M interfaces  
Operator positions have 2 (4-wire) + 4 E&M interfaces*
- Ethernet LAN interface module: 1
- Serial link access control modules (Tx/Rx remote control): up to 16  
*Full duplex asynchronous V.28 up to 9600 bps*
- PSTN access control modules 2.048 Mbps  
E1 G.703 (30 channels) (6BR413/xx): 1