

A SOFTWARE ARQ SYSTEM FOR THE FUTURE.





STARQ

*The most
communication*

STARQ 78 is the leader in the new generation of micro-processor-based ARQ's. Designed by STA to exceed the CCIR Rec. 476 it provides direct-printing telegraph services over HF radio circuits in ship-to-shore, mobile or point-to-point applications.

STARQ 78 is a genuine software ARQ with a minimum of external circuits. Sampling and processing of characters is done exclusively in software, which has resulted in a very powerful ARQ system with many applications.

The CCIR Rec. 476 sets the minimum requirements for ARQ's in the maritime mobile services. STARQ 78

meets these, but has additional features which make the STARQ 78 not only an ARQ but a powerful radio communication control unit which simplifies station design and makes radio teleprinting simple.

THE STARQ 78 FEATURES:

- ARQ send/receive.
- Broadcast send/receive.
- Selective broadcast send/receive.
- Inbuilt modulator/demodulator.
- And offers further refinements:
 - Full frequency control of the associated transmitter and receiver.
 - Scanning of receiving frequencies.
 - Large buffer memory with editing

facilities.

- On-line crypto with external cryptographic equipment.
- Keyboard control of functions.

FREQUENCIES IN NON-VOLATILE MEMORY.

STARQ 78 has a special programmable memory chip (PROM) which is used to define particulars in equipment configuration. The individual PROM defines the type of control signals required by transmitter and receiver. STARQ 78 thus becomes very flexible and can accommodate various types of transmitters and receivers.