

AUTO ALARM OUTFITS SQB(1) AND SQB(2)

SUMMARY OF DATA

PURPOSE

For use in ships to give audible warning on receipt of a distress signal on either 500 kHz (SQB(1)) or 2182 kHz (SQB(2)). Both equipments are unattended receivers.

BRIEF DESCRIPTION

The equipment consists of a single frequency, straight tuned RF receiver. For SQB(1) the auto alarm is activated on receipt of at least three elements of the International alarm signal used to precede a distress call on 500 kHz, it consists of 12 consecutive 4 s dashes separated by 1 s intervals, the whole transmitted in 1 min. For SQB(2) the alarm is activated on receipt of two audio tones of 1300 Hz and 2200 Hz transmitted sequentially. Audible indication on receipt of an alarm signal is provided by a bell or buzzer circuit.

FREQUENCY

Outfit SQB(1) — 500 kHz

Outfit SQB(2) — 2182 kHz

POWER SUPPLIES

100—125 V or 200—250 V, 47—63 Hz

PHYSICAL DATA

	Width	Depth	Height	Weight
Receiver SQB(1)/(2)	17 3/4 in.	2 15/16 in.	15 in.	10 lb (Bulkhead)
Receiver SQB(1)	19 in.	16 1/8 in.	1 3/4 in.	10 lb (Rack)

HANDBOOK

BR 8108 — SQB(1)

BR 8109 — SQB(2)

ESTABLISHMENT LIST

S2031

INSTALLATION SPECIFICATION

BR 8108(4A) — SQB(1)

BR 8109(4A) — SQB(2)