

ELECTRONIC UNDERWATER ACOUSTIC SIGNALING DEVICE

PSA



- transfer of acoustic signals to the submarine
- used to indicate the beginning/completion of episodes executed during joint submarine exercises

The PSA is an electronic underwater acoustic signalling device, designed to pass acoustic signals to submarines when acoustic contact between the submerged submarine and surface platform (helicopter) is lost. In addition the PSA device can be used to indicate the beginning/completion of episodes executed during joint exercises of submarines and ASW assets. Signals emitted by the PSA device conform with the requirements listed in the NATO Standardization Agency Publication "Allied submarine and antisubmarine exercise manual" [AXP1(D)(Navy)(Air)].

The standard of the execution of the PSA ensures deploying the device from ships and helicopters.

TECHNICAL PARAMETERS

Signals generated in two indicative frequencies:	f1 = 3,2 kHz, f2 = 3,5 kHz
Quantity of generated signal sequences:	5
Time of work under normal load:	2 min
Source signal level:	172 dB ref. 1μP/1m
Diving speed:	2,4 m/sec.
Admissible submersion depth:	300 m
Total weight:	3,65 kg
Dimensions:	Diameter: 118 mm Height: 235 mm
Storing time:	10 years