



Anapa-ME

Destination

The Anapa-ME underwater anti-saboteur detection sonar system is designed for surveillance underwater situation to provides anti-sabotage actions protection of ships stopped in the open roadsteads or basing points, and to safeguard important military and industrial installations, hydrotechnical facilities in ports, open sea and other water areas.

Missions

The Anapa-ME sonar main missions are as follows:

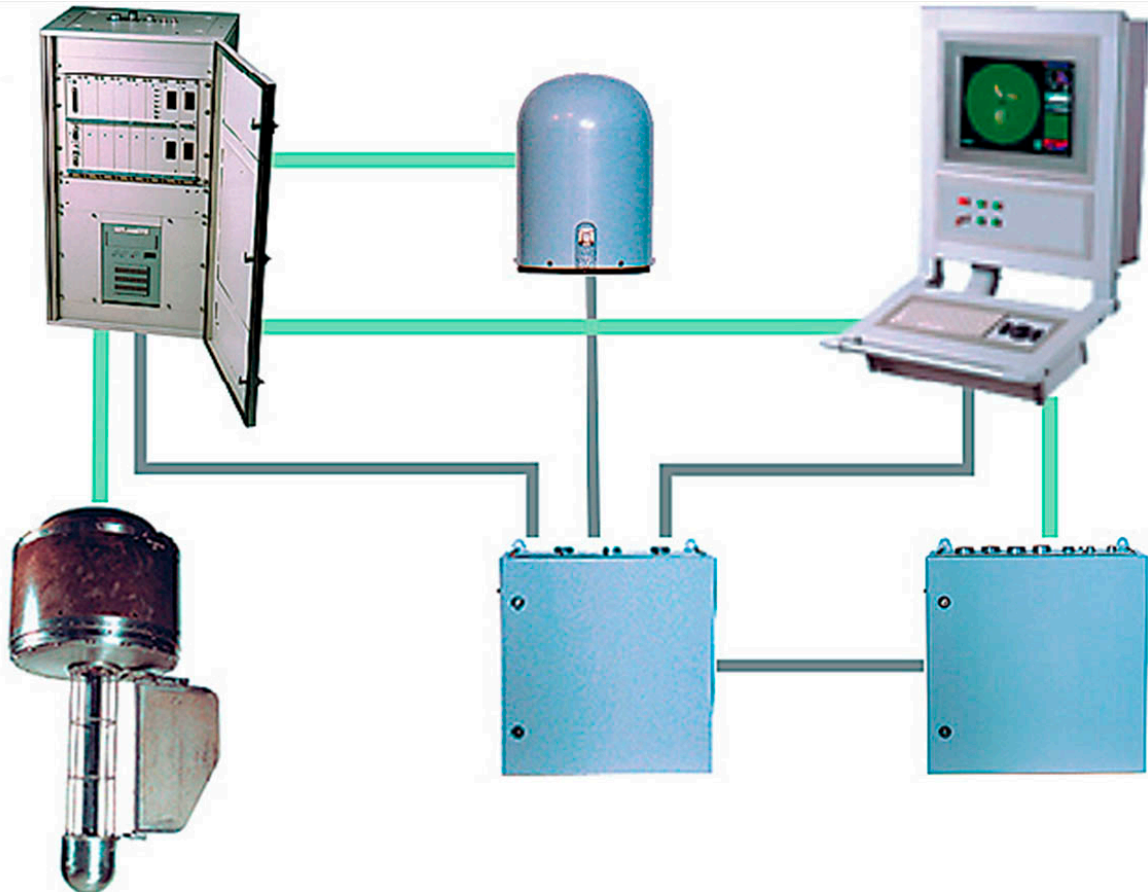
- search and detection of underwater saboteur with flippers or underwater delivery scooters;
- identification and tracking underwater targets;
- automatic measurement of target coordinates and their feeding into anti-saboteur weapons launchers.

Main characteristics:

- Detection range (with probability of not less than 0.9, in water layer from 1 to 60 m, at noise level - 0.01 Pa/Hz, with on-site depth - not less than 2 m for Anapa-ME1/Anapa-ME4, and 20 m for Anapa-ME5), not less than, m:
 - swimmer with flippers: 200-300
 - swimmer in delivery vehicle: 300-400
- Simultaneous scan sector, deg: 360
- Array dipping depth, not more than, m:
 - Anapa-ME1/Anapa-ME4 modifications: 40
 - Anapa-ME5: 1,6
- Automatic target classification (with probability of not less than 0.8):
 - swimmer with flippers: available
 - swimmer in delivery scooter: available
 - decoy (other targets): available
- Resolution , at least:
 - in range, m: 5
 - in bearing, ang.deg: 4
- Root-mean-square current coordinates-measurement error, not exceeding:
 - range, m: 2 % of scale
 - bearing, deg: 2
- Min detection range, m: 25
- Number of targets tracked simultaneously, min: 4
- Automatic target coordinates (range and bearing) measurement: available
- Targeting to fire control assets: available



- One-shift operational crew: 1
- Mean time between failures, h: not less than 2000
- Continuous operation, h: not less than 120
- Combat readiness time (w/o antenna deployment time), min,: not more than 3
- Max power consumption, W: 1000



АО «Рособоронэкспорт» – единственная в России государственная организация по экспорту всего спектра продукции, услуг и технологий военного и двойного назначения. Входит в Госкорпорацию Ростех. «Рособоронэкспорт» образован 4 ноября 2000 года и является одним из лидеров мирового рынка вооружений. На долю компании приходится более 85% экспорта российских вооружения и военной техники. «Рособоронэкспорт» взаимодействует с более чем 700 предприятиями и организациями оборонно-промышленного комплекса России. География военно-технического сотрудничества России – более 70 стран.

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