



Amga

Mission

The Amga autonomous submarine detection system with unified sonobuoy communication channel is a system of anchored, self-contained passive sonar stations with ground/ship-based receiver designed to detect submarines in naval base and other littoral areas, as well as in the reconnoitered directions of their cruise.

Features

- automatically search and detect undersea objects by their sonar fields;
- automatically tracking and classifying undersea targets, with the computation of their parameters;
- target data transmitting to the shore-based or shipborne control post.

Capabilities

The system is autonomous and cable options, set at anchor in the depths from 300 m up to 1,500 m.

Set of 8 sonobuoys allows to control line length to 40 km, from 20 sonobuoys – 100 km. Radio communication range of sonobuoys - up to 60 km. Remove the cable from the shore modification (control post) can reach 40 km.

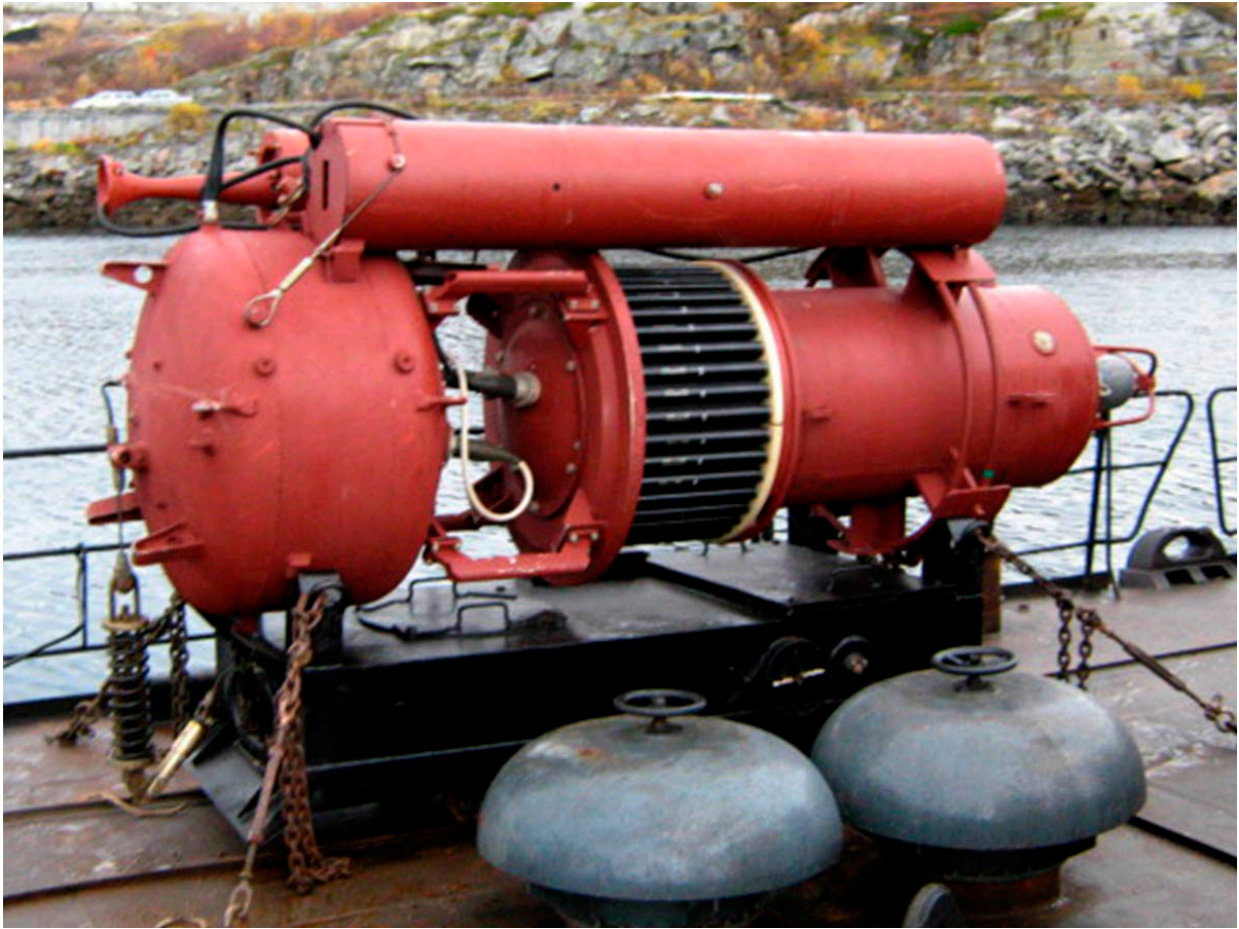
For stand-alone version provides remote control by sonar communication channel. Communication range - up to 10 km (available from any ship equipped a sonar communication unit).

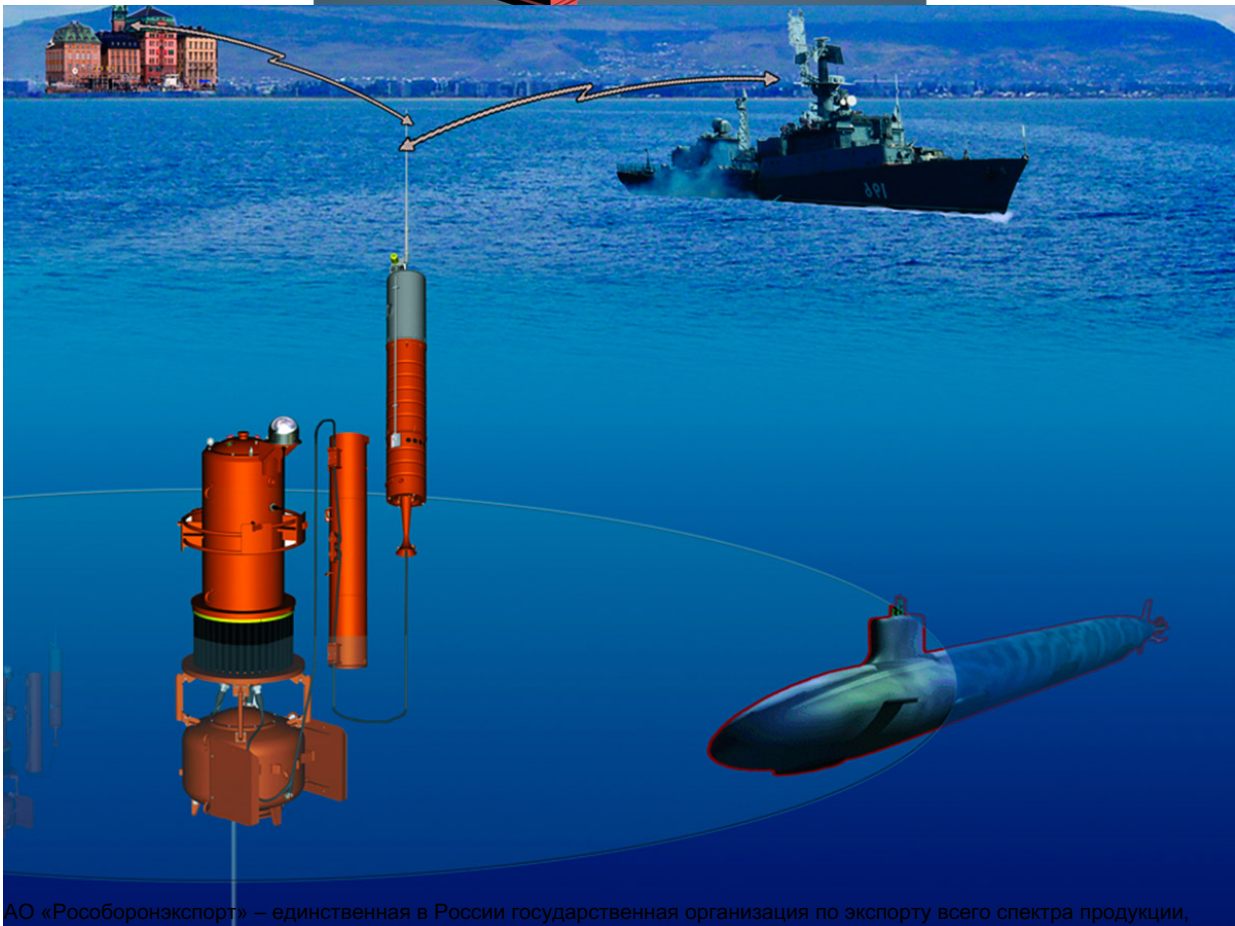
Continuous service cable option items - up to 20 years. Self-contained sonobuoy require recharging the battery within 6 months of continuous operation.

System install with any vessel equipped with mine tracks. Cable version of system install by cable-maintenance vessel.

Main characteristics:

- Number of networked sonobuoys: 20
- Simultaneous scan sector, deg: 360
- Target bearing measurement accuracy, deg: 6
- Target classification: automated
- Radio data exchange range with 20m-high receiving antenna, km: about 60
- Receiving post power consumption, W: 300
- Receiving post mean-time-between-failures, h: 1000
- Operators per shift: 1







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Russian Defence Export

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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