



Pozitiv-MEK

The Pozitiv-MEK shipborne multifunctional electronic system is intended for surveillance and analysis of air, surface and radar condition at sea.

Missions:

- detection, classifications and tracking of the air and surface targets by active, passive radars and EO subsystem;
- distribution and designation of target data to weapon control systems;
- radar data transmission for weapon control for control of task forces joint operations, as well as for joint actions with coastal anti-surface ship missile systems.

Pozitiv-MEK radar complex consists of several modules with various functional purposes depending on of the ship for sea situation surveillance of both single ships as well as Task Force and coastal missile systems.

The system's modules ensure:

- acquisition and tracking of air (including small, low- flying, diving) and surface targets via active, passive and optronic channels of the system;
- classification of the tracked targets and common processing of information received from different sources, including aircraft remote observation post (AROP) and ships of the tactical group;
- evaluation of threats of the tracked targets, distribution and generation of targeting data for anti-aircraft emplacement, control of artillery systems;
- control of one ships combat actions or joint operations of task forces and coastal missile systems fitted with compatible data interchange equipment;
- safety of movement, tactical manoeuvring of a single ship or a whole group;
- automated control of shipborne helicopter, external anti-submarine and patrol aviation groups.

Características básicas:

- Radar (active channel):
 - Coverage zones:
 - azimuth, deg: 360
 - range, km: up to 150
- Simultaneously tracked (processed) targets:
 - interacting ships of a tactical group, coastal systems and AROP: up to 50
- Radar (passive channel):
 - Coverage zones:
 - azimuth, deg: 360



- range, km: up to 450
- Simultaneously tracked (processed) targets:
 - interacting ships of a tactical group, coastal systems and AROP: up to 50
- DEORdr* JCOC:
 - Coverage zones:
 - azimuth, deg: 360
 - range, km: up to 60
- Simultaneously tracked (processed) targets:
 - interacting ships of a tactical group, coastal systems and AROP: up to 200
 - simultaneously prepared ASMs and targets under fire (depending on ASM type): up to 9
- EO:
 - Coverage zones:
 - azimuth, deg: ± 180
 - range, km: 16
- Simultaneously tracked (processed) targets:
 - interacting ships of a tactical group, coastal systems and AROP: 1
 - simultaneously prepared ASMs and targets under fire (depending on ASM type): up to 16
- Tactical maneuvering:
 - Simultaneously tracked (processed) targets:
 - interacting ships of a tactical group, coastal systems and AROP: up to 50





РОСОБОРОНЭКСПОРТ

Акционерное общество

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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