



## Zaslon

### Innovations at the first frontier

#### New generation shipborne radar

- ▶ modular multipurpose system;
- ▶ fast adaptation to different situations and priority tasks of a ship;
- ▶ operation at several frequency bands simultaneously;
- ▶ simultaneous control over ECM, air defence and striking systems;
- ▶ full automation of combat activities and substantial jamming immunity.

Zaslon radar system is designed for sea-surface and signal environment awareness in active and passive modes; generating active jamming and controlling over passive jamming systems; issuing target designation data to guided and anti-aircraft missile systems and providing fire control of SAMs and artillery.

Zaslon includes main control system, X-band 3D radar with fixed phased antenna array, S-band 3D radar with steerable phased antenna array, radio surveillance station (operating at L, S, C, X, K bands), artillery fire control system and ECM system (operating at X and K bands).

Modular design and way of operation allow for the possibility to modify the composition and functions of the system according to the requirements of the ship.

Brand-new Zaslon multipurpose radar comprises small size, functionality and ability to carry out tasks of several radiotechnical systems simultaneously.

#### Main characteristics:

- Active mode:
  - target detection range, km : 300
  - number of tracked targets is : 50
  - azimuth FOV, deg. : 360
  - Passive mode:
    - target detection range, km : 200
    - number of tracked targets is : 200
    - azimuth FOV, deg. : 180



**ROSOBORONEXPORT**

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