



Club–N

Inevitably strikes either on water, or on land

Long-range striking weapon

- ▶ Possibility to combine different types of missiles;
- ▶ Supersonic velocity of the warhead at the terminal stage;
- ▶ Flexible programmed flight paths of a missile;
- ▶ Strong jamming immunity;
- ▶ Automation of combat process;
- ▶ High reliability;
- ▶ Tested in time of war.

Club-N is designed for surface ships. The system consists of a shipborne fire control system and a universal launcher unit.

The ammunition load consists of 3M-54TDE anti-ship missiles and 3M-14TE cruise missiles to engage land facilities. 3M-54TDE and 3M-14TE missiles can change altitude and course to fly around the dangerous areas and geographical obstacles; to create a complex space-and-time scheme of a salvo.

Supersonic warhead of 3M-54TDE that separates when approaching a target is almost invulnerable to air defence systems of the ship.

Club-N substantially enhances fire power of a ship.

Main characteristics:

- Range of fire, km : 300
 - Altitude of 3M- 54TDE/3M-14TE, m:
 - at midcourse phase : 20...400/variable
 - at terminal phase : 5...10/50...150
 - Velocity of missile/warhead, m/sec. : 210... 270/at least 700
 - Number of missiles in a salvo, un. : up to 16
 - Angle of after launch turn, deg. : ± 360
 - Launch weight of 3M-54TDE/3M-14TE, kg : 3664/ 3200
 - Control system type: inertial + GPS + active radar homing head
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