

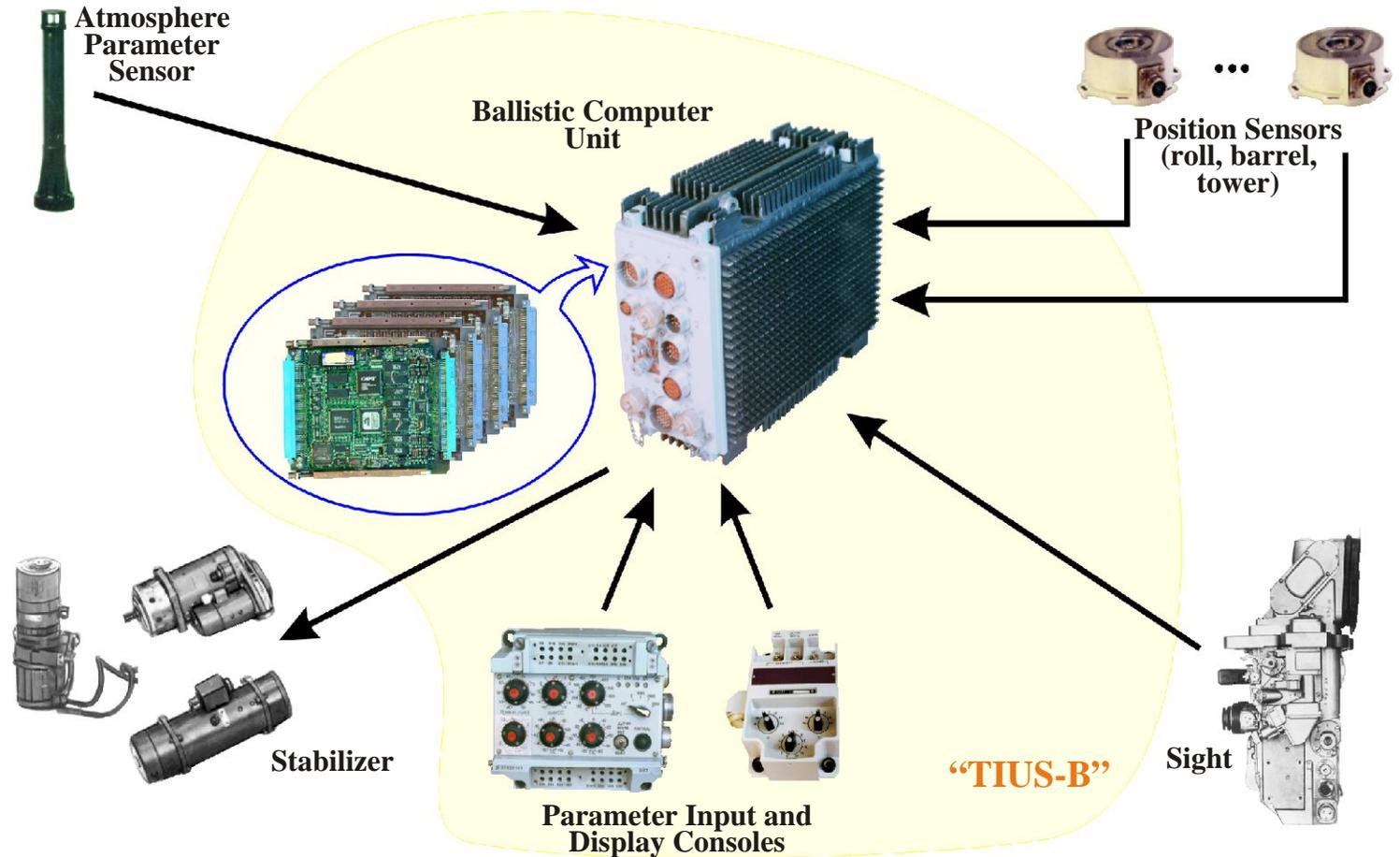
Designation

“TIUS-B” is the tank digital fire control computer designed to automatical calculations the fire control solutions.

Ballistic computer takes into account all topometeoballistic conditions affecting firing accuracy and provides the gunner and the commander with high accuracy firing capability in day and at night time.

“TIUS-B” takes into account barrel bend and projectile actual velocity and forms adaptive shot resolution zone.

“TIUS-B” BALLISTIC COMPUTER SUBSYSTEM



Description

"TIUS-B" consists of ballistic computer unit and parameter input and display consoles and uses input information provided by signals from:

- sights;
- atmosphere parameter sensors;
- position sensors (turret, gun, roll, pitch);
- muzzle velocity radar subsystem

and gives away output signals to tank's main armament stabilizer.