

An aiming complex for the systems of duplex control of tank fire has a gunlayer's sight, tank ballistic calculator, sensor of gun position, control panel of the commander and the commander's sight. The commander's sight has gyro-stabilizer, this is kinematically connected to the main mirror and the sensor of the angle of vertical aiming of the main mirror, telescopic system of the day aiming channel for tracking and telescopic system of the night aiming channel of tracking. Measurement of range is performed by means of laser range-finder of the commander's sight to which are included the laser emitter, telescopic system, photo-receiving unit, in front of the optical input of this one in sequence are placed the light filter and diaphragm, measuring unit for time intervals, former of the signal of the range measurement. The range value measured is displayed at the digital indicator of range and through the transformer of parallel range code to sequential one comes to the commutation block. This invention provides increase of effectiveness of shooting at duplex control of tank fire due to increase of accuracy of range to the target, automated input of the correction to the aiming angle and to decrease of time for preparation of the shoot.