



INTEGRATED ARTILLERY AND BALLISTIC SYSTEMS



Combining integrated artillery systems to
achieve an effective end result

integration



INTEGRATED BALLISTIC SYSTEM



- Maximum barrel life
- Maximum range
- Maximum rate of fire
- Best accuracy
- Improved logistics



• 155MM, 52 calibre main weapon

• Superior test facilities

• Ballistic tables

• Bi-modular charge systems

• Fuses

• Basebleed

• Projectiles

HE Practice, Clstr HE HC, Screening Smoke, Red Phosphorus, V-lap.

ballistic system

INTEGRATED ARTILLERY SYSTEM

The effective integration of the system elements, that enable the artillery to engage a target, requires each system to function optimally and together within the total system. Artillery requires command and control, target acquisition and fire direction, ballistic computing, target allocation, selection and delivery of projectiles and the reporting of target effect. An integrated artillery system must combine the different system elements to achieve an effective end result.

• WEAPON SYSTEM



G6 HIGH MOBILITY SELF-PROPELLED GUN/HOWITZER

The G6 is a 155mm, 45calibre self propelled gun, is mounted on a special 6x6 wheeled vehicle. The gun can function autonomously for considerable periods and over long distances. With its built-in inertial navigation and laying system, high strategic and tactical mobility, plus excellent crew comfort and protection, the G6 is a leader in its class.



G5 TOWED/SELF-PROPELLED GUN/HOWITZER

The G5 is a 155mm, 45calibre weapon which, when fired the base bleed rounds can cover a target zone of almost 1000km² to a range of 40km, without changing position. It is equipped with an auxilliary power unit which gives it self-propelled tactical mobility at speeds up to 16km/h.



T6 TURRET SYSTEM

The T6 155mm Turret System is based on the G6 design but fitted with a 52 calibre main weapon. It has a fully automatic ammunition handling system and can fire 8 rounds a minute. The T6 turret, can be mounted on a MBT chassis, and has successfully fired to a range of 54km.

• SUPPORT VEHICLES

• COMMAND AND CONTROL

The Artillery Command and Control System comprises of elements with which data is obtained, processed and distributed so that guns can fire correctly on selected targets.

These include:

• FIRE CONTROL CENTRE

• BATTERY CONTROL CENTRE

• GUN MANAGEMENT SYSTEM

• TARGET ACQUISITION & OBSERVATION SYSTEMS

• DATA COMMUNICATION SYSTEM

• INTEGRATED BALLISTIC SYSTEM

artillery



