

DEFENCE FORCE PURCHASES NEW BALLISTIC RADAR SYSTEM



The NZDF has purchased a new ballistic radar system from Canadian firm Infinition.

The BR29015 system will enable accurate plotting of all ammunition natures used with sniper and anti -materiel rifles to further enhance the ability of new NZDF weapons to achieve greater accuracy at longer ranges.

The NZDF purchased two new weapons, the Barrett M107A1 Anti-materiel rifle and the Barrett Multi Role Adaptive Design (MRAD) sniper rifle last year. Both these weapons come with state of the art optic scopes and additional ballistic computers which, when combined, provide shooters with a better chance of hitting the target at ranges up to 1500m.

The system was recently commissioned during a range shoot in Waiouru where it recorded data for 5.56mm, 7.62mm, .338" and .50" calibres up to 1500m.

At the same time a smaller 'operator' radar system made by the same company was assessed. The LABRADAR records VO (exit muzzle velocity) of any weapon system. This can be used to confirm each individual weapon VO and ballistic computers can be updated accordingly by the user. This LABRADAR will form part of a calibration kit which will be issued to frontline units to let them carry out regular calibration of all sniper and anti materiel rifles at unit level.

The combination of the BR29015 and the LABRADAR will greatly enhance the capability of snipers and FSG riflemen for target engagement at ranges up to 1500m and provide commanders with more options to use these systems across the battlefield.



**Next CDO Assessment – February 2019
Nominations open 8 October 2018**

**THE BAR IS HIGHER.
THE RUNS ARE HARDER.
THE THREATS COME FASTER.**

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