



The RAF 90 Signal Unit, (formerly known as Tactical Communications Wing) Ruggedised Tactical Telephone System was withdrawn from service in 2008, with the CORMORANT chosen to replace it, with EADS DS assisting the Theatre and Formation Communications Systems Integrated Project Team in the transition.

The 20kVA sets consist of Isuzu 4LE1 water-cooled engines close coupled to Newage BCI182J alternators and are dual mounted on a specially designed trailer. The 20kVA generators provide power for the wide area component. These sets are fitted in a lightweight (steel / aluminium) canopy that is strong enough to cope with the demands of military use. The units can be remotely controlled via the inbuilt Engine management module and come complete with military spec control gear, meters and gauges.

The 4kVA sets consist of Yanmar L100 air cooled Engines, fitted into strong, tubular steel frames. They also have fittings for connection to standard jerry cans to extend the running time of the generators.

As with the 20kVA sets, the 4kVA generators can be remotely controlled via the inbuilt engine management module.

The 4kVA generators are mounted in sets of three on a Bucher Duro vehicle and provide power for the local access component.

Both sets have the ability to start and run at temperatures as low as -32 °C and as high as +49°C.

