

Reutech demonstrates latest radar capabilities

Reutech Radar Systems has demonstrated its new X-band air/sea surveillance radar, the RSR 210N, as a low-cost, fully navalised, new-generation 2-D pulse Doppler radar.

Trials conducted in February demonstrated the RSR 210N's ability to be used in the surveillance role, with detection ranges of beyond 40 km, as a self-defence anti-air sensor and as a helicopter control radar. First announced in October 2005, the RSR 210N has been developed using subsystems and technology from the RTS 6400 optronic/radar tracker, which is fitted to the South African Navy's (SAN's) Valour-class frigates, and from other Reutech Radar Systems products. The demonstrator system was assembled during the latter part of 2006 and has been mounted on a mobile test container. It has been demonstrated against various air and sea targets from the SAN's Lower North Battery weapons evaluation site in Simon's Town.



An RTS 6400 tracker is also mounted on the container as a reference system.

The 22 February demonstration to the SAN and foreign observers tracked all categories of air and surface targets, the latter in Sea State 4/5 conditions. The demonstration also showed the system's ability to track targets against the clutter of the urban littoral environment around Simon's Town and the False Bay coast.

Source: (Janes)

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