


Name of the Equipment / Facility	OPEN RANGE RADAR CROSS SECTION (RCS) MEASUREMENT FACILITY
Purpose of Use	It caters to the measurement and analysis of RCS and Radar Imaging of Naval targets in real time Sea scenario using a Wide Band Instrumentation Radar (WBIR) System.
Photograph	
Key Specifications	<ul style="list-style-type: none"> ❖ Wide frequency coverage from 2 to 40 GHz ❖ Auto Tracking facility through optical means ❖ Closed loop pedestal for wide azimuth and elevation angular coverage <ul style="list-style-type: none"> ➤ Azimuth : -180 ° to + 180 ° ➤ Elevation : -17° to +87° ❖ Facility for Gross RCS measurement. ❖ High Range Resolution Imaging ❖ Terrain data information through Surveillance Radar ❖ Broad range of RCS measurement from 500 mts to 10,000 mts ❖ Measurement of Meteorological data for proper assessment of RCS ❖ RCS measurements: 0.1 ~ 10,00,000 sqm ❖ PC based data logger used for data acquisition, storage, processing and display