



# iDEX

# Innovations for Defence Excellence

## PM Awardee

### DEFENCE INNOVATION ORGANISATION

(Under Aegis of Department of Defence Production)

Ministry of Defence, Government of India

New Delhi -110002

Date: 07-07-2023

### Results for DISC 8 Challenges of Indian Navy

S.No.	Challenge Details	Name of Startup/MSME
1.	Ch 25: Low Latency Multicast Data links for Accelerated File tfr and Video Streaming over existing SATCOM links and Remote Platforms/Sites	(i) Qbit Labs Pvt Ltd
2.	Ch 26: Below the Noise Floor Modems in S / C / Ku band (1 Kbps to 20 Mbps) to operate within existing out/in routes on S, C and Ku band.	(i) Big Cat Wireless Pvt Ltd (ii) Qbit Labs Pvt Ltd
3.	Ch 27: Portable (Handheld/Manpack) Ku band Terminal for IN SATCOM Network	(i) Avantel Ltd
4.	Ch 28: Development of On board Processing and Beam Switching payload for 'Ku' and 'Ka' band GEO Satl for High Throughput Maritime Requirement	(i) Krisemi Design Technologies Pvt Ltd
5.	Ch 29: Beam Steering Ku band SATCOM Antenna over IN SATCOM Network for MR Aircraft	(i) Avantel Ltd
6.	Ch 30: Compact, Light Wt, Multiband SATCOM (UHF/ S/ C/ Ku/ Ka) SDR for Ships,Submarines and Aircraft.	(i) Azizta Industries Pvt Ltd
7.	Ch 31: Customised Remote Modem with Ruggedised FPGA based Platform with inbuilt Post Quantum Encryption for VSAT baseband for Naval Platforms.	(i) Astrome Technologies Pvt Ltd (ii) Big Cat Wireless Pvt Ltd