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# Army BLOS Requirements

Maj KW Bouchard

CA Requirements Manager- Bearer Systems

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# Topics

- » Dismounted BLOS requirements
- » Vehicle Platform BLOS requirements
- » Strategic/HQ BLOS requirements

# Dismounted BLOS

- » Confirmed BLOS position reporting requirement for Canadian Rangers
- » Confirmed BLOS voice interoperability requirement for Rangers/Arctic Response Company
- » Possible solutions
  - ✦ Small fleet purchase- Manpack HF radios
  - ✦ Commercial Satcom solutions such as Track 24 handhelds
  - ✦ Tactical Narrowband voice (TNS project)

# Vehicle Platform BLOS

- » LCSS upgrades will require removal of existing HF installs within all vehicle platforms (except 1) NLT 2015/2016
- » Currently 1 Div/2/5 Div have identified a requirement for Bison HF capability, have received approval to use until upgraded
- » Potential Solutions
  - ✦ Reintroduce HF into Vehicle designs (not funded)
  - ✦ Commercial solutions such as L-Band (leverage 117s)
  - ✦ Commercial Satcom (Track 24)
  - ✦ Military TacSat around 2018-2020 with TNS project

# Strategic/HQ BLOS

- » Army Reserves currently operate a fleet of QRTs for BLOS HF
- » Army G6 has identified a requirement to field HF as a strategic backup bearer for Satcom systems within Formation headquarters.
- » Potential Solutions
  - ✦ WBHF upgrade of QRTS (Falcon III) funded by CA
  - ✦ PMSC project 19x trailers for resistant SatComs
  - ✦ Commercial solutions on Ku/L/C Band