

## 2020 DoD Communication Waveform Inventory

Waveform	Waveform Owner	Ownership Type
466ER	USAF	Sponsor
A-CDL	USAF	Sponsor
Advanced Special Communications Mode (ASCM)	USSOCOM	Sponsor
AEHF XDR	USSF	Sponsor
Adaptive Networking Wideband Waveform (ANW2C)	USMC	Sponsor
APCO P25	USAF	Sponsor
BE-CDL Rev A	ARMY	Sponsor
BE-CDL Rev B	USAF	Sponsor
Blue Force Tracking (BFT)/Blue Force Tracking 2 (BFT-2)	ARMY	Sponsor/Core
COBRA	USSOCOM	Sponsor
Cooperative Engagement Capability (CEC)	NAVY	Sponsor
D-CDL	USAF	Sponsor
Distributed Tactical Communication System (DTCS) Netted Iridium	USSF	Sponsor
EBEM SATCOM Waveforms	ARMY	Sponsor
EHF LDR	USSF	Sponsor
EHF MDR	USSF	Sponsor
Fifth Generation Advanced Training Waveform (5GATW)	USAF	Sponsor
FM Analog	USAF	Sponsor
HaveQuick I/II	USAF	Sponsor
HF SSB/ISB; SSB/ISB ALE AJ; SSB/ISB ALE AJ DLink; SSB/ISB ALE AJ ATC Dlink	USAF	Sponsor/Core
High Capacity Line-of-Sight (HCLOS)	ARMY	Sponsor
Highband Networking Waveform (HNW)	ARMY	Sponsor/Core
iDirect SATCOM Waveforms	ARMY	Sponsor
Intra-Flight Data Link (IFDL)	USAF	Sponsor
Joint Precision Approach Landing System (JPALS)	NAVY	Sponsor
JTRS BOWMAN VHF Waveform (JBW)	ARMY	Sponsor
Link 11/TADIL A/B (HF and UHF)	NAVY	Sponsor
Link 16 / TADIL-J and Advanced Capabilities	NAVY	Lead Service/Core
Link 22 NATO Improved L-11 (NILE)	NAVY	Sponsor
Link 4A	NAVY	Sponsor
Linkway SATCOM Waveforms	ARMY	Sponsor
Mobile User Objective System (MUOS) Common Air Interface (CAI)	NAVY	Sponsor/Core
Multifunctional Advanced Data Link (MADL)	USAF	Sponsor
Multi Vehicle UAV Control System (MVCS) waveform	NAVY	Sponsor
N-CDL	USAF	Sponsor
Network Centric Waveform (NCW) v10.x	ARMY	Sponsor/Core
Protected Tactical Waveform (PTW)	USAF	Lead Service/Core
Second Generation Anti-jam Tactical UHF Radio for NATO (SATURN)	USAF	Sponsor/Core
Secure 4G / LTE	ARMY	Sponsor

DISTRIBUTION STATEMENT A. Approved for public release. Distribution is unlimited (24 March 2021).

Waveform	Waveform Owner	Ownership Type
Secure WiFi	ARMY	Sponsor
Silvus StreamCaster Waveform	ARMY	Sponsor
Single Channel Ground and Airborne Radio System (SINCGARS) Version 2	ARMY	Lead Service/Core
Single Channel Ground and Airborne Radio System (SINCGARS) Version 3	ARMY	Lead Service/Core
Situational Awareness Data Link (SADL)	USAF	Sponsor/Core
Small Unmanned Airborne Systems Digital Data Link (SUAS DDL)	ARMY	Sponsor
Soldier Radio Waveform (SRW)	ARMY	Sponsor
Special Mode 'A' (SMA)	NAVY	Sponsor
Standard CDL	USAF	Sponsor
Surveillance & Control DL	USAF	Sponsor
Tactical	USAF	Sponsor
Tactical Scalable MANET (TSM) Waveform	ARMY	Lead Service/Core
Tactical Targeting Networking Technology (TTNT)	NAVY	Sponsor/Core
Terminal Area Communications (TAC) (CSEL Radio)	USAF	Sponsor
Terminal Area Communications (TAC) (Hook 2 Radio)	USAF	Sponsor
Terminal Area Guidance (TAG) (CSEL Radio)	USAF	Sponsor
Terminal Area Guidance (TAG) (Hook 2 Radio)	USAF	Sponsor
Terrestrial Transmission Line of Sight (TRILOS)	ARMY	Sponsor
Troposcatter Transmission (TROPO)	ARMY	Sponsor
UHF SATCOM (non-DAMA)(DAMA)(IW)	NAVY	Sponsor/Core
UHF SATCOM Common Interactive Broadcast (CIB)	USAF	Sponsor
Very High Frequency/Ultra High Frequency Line of Sight (VULOS)	USAF	Sponsor
VHF Data Link 2; Data Link 3; Data Link 4	USAF	Sponsor
VHF FM; FM ATC Ext	USAF	Sponsor
VHF-AM ATC; AM ATC Data Link	USAF	Sponsor
VHF-FM PSK VMF	ARMY	Sponsor
VORTEX Native Waveform (VNW)	USAF	Sponsor
Warrior Robust Enhanced Network (WREN)	ARMY	Lead Service/Core
Wave Relay - MPU5 L and S Band	ARMY	Sponsor
Wideband Networking Waveform (WNW)	ARMY	Sponsor

**Lead Service:** Responsible for establishing and maintaining a Joint enterprise-level view of the respective waveform or system, maintaining and monitoring compliance with associated Joint and Military Standards, and providing enterprise-level engineering analysis.

**Sponsor:** Depending on the particular waveform, a sponsor can be responsible for all program documentation, periodic reporting, and funding actions required to support the waveform development and acquisition process; or a sponsor is simply responsible for providing the technical planning and functions in support of the use of a waveform or communications capability which the DoD has equities.

**Core:** Waveforms that are essential to conducting command and control in a multi-domain, joint or combined environments.