

FREQUENCY REQUEST FORMAT (SFAF)

001.	Point of Contact for this submission	NAME:	Alan R Schutt
002.	POC Phone/Email	PHONE:	817-234-6843
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005.	What is the security classification?	unclassified	
110.	Number of frequencies requested and band(s)	2 (225-512 MHz)	
110.a.	Bandwidth	200kHz	
113.	What are the frequencies going to used for?	Data & Voice Transfer	
114.	Emission Designator.	2K00F2D	
115.	What is the transmitter output power?	2W (HH)	
130.	List daily use and specified time.	0730 - 1800	
140.	What date do you require the frequency?	14 July 2019 - 19 July 2019	
141.	What date will you be finished with frequency?	19-Jul-19	
207.	Unit/organization this request is for.	US Special Operations Command	
300.	State/country where transmitter is operating.	Texas / U.S.	
301.	Transmitter location.	TX	
301.a.	Name of site.	Rellis Airfield, Bryan Texas	
303.	Lat/Long of transmitter location.	30.634 -96.4835778	
306.	Transmitter operating radius.	3 Kilometers	
340.	Transmitter nomenclature.	PNR-1000	
341.	Number of transmitters using the frequency.	10	
341.a.	System IDs.	ESL001 - ESL010	
354.	Transmit antenna type.	Omnidirectional Whip Antenna	
355.	Transmit antenna nomenclature.	Whip antenna	
357.	Transmit antenna gain.	3dBi	
358.	Transmit antenna elevation.	<1meter	
359.	Transmit antenna height.	<1meter	
362.	Is the transmit antenna directional, non-directional, or does it rotate?	Non-Directional	
363.	Transmit antenna polarization.	Vertical	

400.	State/country where receiver is operating.	Texas / U.S.
401.	Receiver location.	TX
401.a.	Name of site.	Rellis Airfield, Bryan Texas
403.	Lat/Long of receiver location.	30.644545000/-96.472710000
406.	Receiver operating radius.	3 Kilometers
440.	Receiver nomenclature.	PNR-1000
441.	Number of receivers using the frequency.	2 (225-512 MHz)
441.a.	System IDs.	ESL001 - ESL010
454.	Receive antenna type.	Whip Antenna
455.	Receive antenna nomenclature.	Whip Antenna
457.	Receive antenna gain.	3dBi
458.	Receive antenna elevation.	<1meter
459.	Receive antenna height.	<1meter
462.	Is the receive antenna directional, non-directional, or does it rotate?	Non-Directional
463.	Receive antenna polarization.	Vertical
502.	Give a full description of your requirement	No special requirements are needed for this system. It is fully capable in all environments.
711.	If this request is for aircraft what will be their maximum operational altitude and operational radius while using the requested frequency?	NA
804.	What are the tuning increments and tuning range of the transmitter?	25kHz/200kHz
	Is it tunable or is the frequency fixed?	Tuneable
910	Exercise/Project Name	USSOCOM Technical Experimentation Event 19-3

COMMENTS:			
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225 - 512 (4ea): We will have two (2) networks set up to provide both Voice and Data communications. Both will operate in 200kbps over single channel. 25kHz: We will operate Multiple FM stations			
in this band will operate in both Voice and Data modes simultaneously. Data will be at 115.2kbps over a 25kHz channel(s). This Radio is Frequency Hopping Capable but will only operate in Single Channel Mode unless			
	directed by SOCOM		