



Off-Grid AuxComm Radio Club Communications Log	FOR OPERATIONAL PERIOD:		3. TACTICAL I.D. MOU2
	1. START DATE/TIME: 1430	2. END DATE/TIME: 1525	
4. Task # 12162018	5. TASK NAME/ LOCATION: Off-Grid AUXCOM Comm Test		
6. OPERATOR CALL SIGN: KN4CVN / KA1TOM	7. OPERATOR SIGNATURE: <i>Tom Sayres</i>		
8. DATE / TIME PREPARED: 12/16/2018 2030	9. OPERATOR PRINTED NAME: Tom Sayres		

RADIO, POWER ANTENNA SIZE & TYPE: **Yaesu Ft-2900 60 watts J-Pole on ground** MESSAGE LOG

UTC	EDT/AST
0000*	2000
0100	2100
0200	2200
0300	2300
0400	0000*
0500	0100
0600	0200
0700	0300
0800	0400
0900	0500
1000	0600
1100	0700
1200	0800
1300	0900
1400	1000
1500	1100
1600	1200
1700	1300
1800	1400
1900	1500
2000	1600
2100	1700
2200	1800
2300	1900
2400*	2000

10. TIME	11. STATION I.D.		R/S REPORT	12. SUBJECT:	13. DISPOSITION:
	FROM	TO			
1430	KN4CVN	K4BLB	5/9	Net began, roll call started	
1432	KN4CVN	K4TYS		Negative contact	
1432	KN4CVN	W3VN	5/9	present	
1433	KN4CVN	AD6M	5/9	present	
1434	KN4CVN	K1KY		Negative contact	
1434	KN4CVN	KM4LOA		Negative contact	
1434	KN4CVN	W4EN		Negative contact	
1435	KN4CVN	K4REF		Negative contact	
1436	KN4CVN	KI4IDX		Negative contact	
1436	KN4CVN	WA2OFJ	5/9	present	
1437	KN4CVN	KM4GQI	5/9	relayed by WA2OFJ	
1438	KN4CVN	KW4BV		Negative contact	

Readability

- 1--Unreadable
- 2--Barely readable, occasional words distinguishable.
- 3--Readable with considerable difficulty.
- 4--Readable with practically no difficulty.
- 5--Perfectly readable.

Notes:

Signal Strength

- 1--Faint signals, barely perceptible.
- 2--Very weak signals.
- 3--Weak signals.
- 4--Fair signals.
- 5--Fairly good signals.
- 6--Good signals.
- 7--Moderately strong signals.
- 8--Strong signals.
- 9--Extremely strong signals.



RADIO, POWER, ANTENNA SIZE & TYPE:

MESSAGE LOG

UTC	EDT/AST
0000*	2000
0100	2100
0200	2200
0300	2300
0400	0000*
0500	0100
0600	0200
0700	0300
0800	0400
0900	0500
1000	0600
1100	0700
1200	0800
1300	0900
1400	1000
1500	1100
1600	1200
1700	1300
1800	1400
1900	1500
2000	1600
2100	1700
2200	1800
2300	1900
2400*	2000

10. TIME	11. STATION I.D.		R/S REPORT	12. SUBJECT:	13. DISPOSITION:
	FROM	TO			
1438	KN4CVN	K4TYS			Negative contact
1438	KN4CVN	KM4GQK	5/9		present
1439	KN4CVN	KM4FUY			Negative contact
1439	KN4CVN	ND4F			Negative contact
1440	KN4CVN	All			Explained next phase of test > moving Net Control to K4BLB
1443	W3VN	KN4CVN	5/9		W3VN relayed K4TYS
1445	W3VN	KN4CVN	5/9		W3VN relayed KM4GQK checked in on 7.25 LSB
1449	W3VN	KN4CVN	5/9		W3VN relayed AD4N checked in on 7.25 LSB
1451	K4BLB	All			Transition back to Simplex Net with K4BLB
1453	K4BLB	All			Digital roll call for those who want to pass digital traffic
1453	K4BLB	AD6M			Can receive only
1453	K4BLB	AD4N			Can receive only
1455	KN4CVN	WA2OFJ			1 digital message to send
1455	K4BLB	KM4GQI			Relay only
1456	K4BLB	KM4GQK			1 digital message to send
1457	K4BLB	W3VN			1 digital message to send
1501	WA2OFJ	KN4CVN			Net Control did not receive his digital message on 145.070
1502	KN4CVN	ALL			Net Control sent out a test message on 145.070
1502	W3VN	K4BLB			Rec'd Net Control message
1502	KM4GQK	K4BLB			Rec'd Net Control message
1503	K4BLB	KM4GQK			Send message now
1504	KM4GQK	KN4CVN			Net Control received digital message & ICS form populated
1505	K4BLB	W3VN			Send digital message now
1505	W3VN	KN4CVN			Only header was received, no body copy received

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		11. STATION I.D.			
		10. TIME	FROM	TO	R/S REPORT 12. SUBJECT: 13. DISPOSITION:
0000*	2000	1506	K4BLB	AD6M	Send digital message now
0100	2100	1507	AD6M	KN4CVN	No copy received
0200	2200	1510	KN4CVN	ALL	Net Control sent digital message: " Great test"
0300	2300	1511	AD4M	K4BLB	No copy received
0400	0000*	1511	WA2OFJ	K4BLB	No copy received
0500	0100	1512	KM4GQK	K4BLB	Header rec'd no body copy received
0600	0200	1513	W3VN	K4BLB	Header rec'd no body copy received
0700	0300	1514	KN4CVN	ALL	Net Control sent out 2nd digital message
0800	0400	1514	W3VN	K4BLB	Message received
0900	0500	1514	KM4GQK	K4BLB	No copy received
1000	0600	1514	WA2OFJ	K4BLB	No copy received
1100	0700	1514	AD6M	K4BLB	No copy received
1200	0800	1514	AD4M	K4BLB	No copy received
1300	0900	1515	K4BLB	ALL	General comments
1400	1000	1515	KN4CVN	ALL	Comments shared on 146.535 voice (listed in AAR)
1500	1100	1519	W3VN	ALL	Resend attempt of digital message on 145.070
1600	1200	1520	KN4CVN	ALL	Net Control > Only header received- no body copy received
1700	1300	1522	KM4GQK	KN4CVN	Full copy received
1800	1400	1523	AD6M	KN4CVN	Full copy received
1900	1500	1524	KN4CVN	ALL	Closing comments. Closed net at 1525
2000	1600	PAGE 3 OF 3 PRIMARY FREQUENCY USED 146.535			ICS 309 REV 10/05/2017
2100	1700				
2200	1800				
2300	1900				
2400*	2000				

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After-Action Report

Comments from squad:

- AD4N- Could copy some messages. Used 2 antennas- 1 needs more gain.
- WA2OFJ- Glad for this test. Test revealed some things that needed to be adjusted.
- KM4GQK- Learned alot about digital today. It was good.
- W3VN- Was excited about the number of contacts made.

Tom's comments:

- Great job Barry! This was your doings... we just mooched
- Very pleased that so many members participated on very short notice. We had 8 members participate with 1 relay
- We had decent digital capability; especially when counting relays
- Dual net controls kept things moving; Barry voice, Tom digital
- Very poor HF capability; which was surprising
- With 6 - 8 more surprise nets to help us self-tighten up our individual stations, that should help us get at least 80% better than today
- Simpler is definitely better in the field
- Having a second "of everything" will be a goal of mine for 2019; mic, transceiver, cords, antennas, batteries, etc... Good for sharing as well as backup
- Adopting RaDAR techniques of presetting up as much as you can, then rapidly deploying will set us apart in a significant way
- This form of field training will likely be very attractive to other like-minded hams- once they learn about what we are doing
- Purposed efforts to get the word out of what we do needs to be an effort for 2019
- Having Field Day once or twice a year is not enough for many of us. Monthly field tests (+/-) should be our norm
- Other hams as well as non-hams need to be invited to our field tests
- We need to participate in the late January Winter Field Day