

Winlink Equipment Summary - R3 21 Apr 2019

PROVEN WINLINK EQUIPMENT/COMBINATIONS by LOCAL HAMS and EOCs in INDIAN RIVER, SAINT LUCIE, MARTIN AND BREVARD COUNTIES						
VHF PACKET INSTALLATIONS	Type	Price	TNC / Sound Card	Cable	Some Active Users	Comment
Kenwood TM-D710G	Mobile/base	\$530	Internal AX-25	1	K4WOF-10, WX4MC-10, ISS	Top of class, replaced D700, Dual band, GPS, APRS
Kenwood TH-D72	HT	\$390	Internal AX-25	2	KI4TXP, K4WOF	Dual-bander, GPS, APRS, Full Duplex, External antenna essential for Winlink
Kenwood TH-D74	HT	\$510	Internal KISS	3	KK4SHF, KM4UFN, KK4CID	Tri-bander, GPS, APRS, Bluetooth, D-Star, External antenna essential for Winlink
Icom 5100	Mobile/base	\$370	TNC-X	4,5	KK4KT, K4CPJ	Use mic and external speaker jack for TNC interface
Icom 5100	Mobile/base	\$370	Signalink	8	K4VRB	Client
Icom 2200	Mobile/base	N.A.	Timewave PK96		WA4ASJ	{ Inquire re cabling }
Alinco 135	Mobile/base	\$170	Kantronics KPC-3 +	5,10	W4SLC-10	VHF, Saint Lucie County EOC Radio Message Server running Relay
Yaesu FT-7900R	Mobile/base	\$290	TNC-X	5,6	W4SLC-10	Dual-bander, Client at Saint Lucie County EOC
Yaesu FTM-3100R/E	Mobile/base	\$130	Signalink	4	K4RRK	OM uses UZ7HO Soundmodem. Connections: Mic plug and speaker jack
Yaesu FTM-400 D	Mobile/base	\$410	TNC-X	9	W4ISZ	Client @ OM's QTH
Yaesu FT-8800	Mobile/base	N.A.	TNC-X	9	W4ISZ	Mobile client. out of production
TNCs and AMP						
TNC-X USB HIGHLY RCMD	TNC for VHF	\$123		5		KISS-only, Kit or assembled fm Coastal Chipworks, radio cable TBD
Kantronics KPC-3 Plus USB	TNC for VHF	\$200		5		Smart TNC, specify USB, no PS needed, radio cable TBD
Kantronics KPC-9612	TNC for VHF and UHF	\$400		Custom		Smart TNC 1200 and 9600 baud, radio cable TBD
Timewave PK-96/100 USB	TNC for VHF and UHF	\$230		5		Smart TNC 1200 and 9600 baud, radio cable TBD
TinyTrack3	TNC for VHF	\$45				Can work with considerable effort, lacks shielding, RFI-sensitive, not rcmd
Mirage BD-35	Compact amplifier	\$240				May be required if HT must be used
HF WINMOR/ARDOP/VARA						
IC-7200 / IC-7300	Mobile/base HF	\$980	Internal	5	W2JKD, N1PZB, W4ISZ, KM4UFN	IC-7200 out of production. 7300 selected by ITU for all Central America Countries.
IC-7000	Mobile/base All band	N.A.	Kantronics/Signalink	Custom	K4WOF	Out of production. Runs HF, VHF and UHF. K4WOF. Cabling fabricated.
IC-7600	Base HF	N.A.	Signalink	Custom	K4WOF	Replaced with IC-7610. K4WOF. Cabling fabricated.
Kenwood TS-590SG	Base HF	\$1280	Internal	5	KK4SHF, KC4BAB	Easy setup
Kenwood TS-890S	Base HF	\$3800	Internal	5	KK4SHF, KC4BAB	Easy setup
Elecraft K3S	Base HF	\$3025	Internal	5	KI4TXP	Kit, single USB cable to PC, configuration simple to achieve. KI4TXP
Tigertronics Signalink	External Soundcard for HF	\$115		Note >>		Remember to purchase cable. Frequently used with UZ7HO Soundmodem for VHF
PROBABLE EQUIPMENT COMBINATIONS - IF RADIO, TNC or SOUNDCARD TYPES APPEAR IN WINLINK SETTINGS, THEY MOST CERTAINLY WILL WORK						
Icom IC-7100	Mobile/base All-band	\$760	Internal Sound Card	6		Successor to IC-7000. D-Star capable. Good reviews from Winlink forum.
Icom numerous VHF	Mobile/base	N.A.	rcmd TNC-X	TBD		Check for data port - 6-pin DIN connector - Buy cable Coastal Chipworks
Icom numerous HF	Mobile/base	N.A.	Signalink	TBD		Check for data port - 6-pin DIN connector - Buy cable Coastal Chipworks
Kenwood 2000,990,480 HF	Base	N.A.	Internal Sound Card	Prob 5	KK4SHF has used all	
Yaesu numerous VHF	Mobile/base	N.A.	rcmd TNC-X	TBD		Check for data port - 6-pin DIN connector - Buy cable Coastal Chipworks
Yaesu numerous HF	Mobile/base	N.A.	Signalink	TBD		Check for data port - 6-pin DIN connector - Buy cable Coastal Chipworks
Alinco 735	Mobile/base Dual band	\$320	rcmd TNC-X	5,10		Cable 10 uncertain
Barrett	Mobile/base/packable	\$\$\$\$	Internal modems	Unk		Extremely high end tactical HF radios
CABLES - DOUBLE CHECK BEFORE ORDERING						
1	RT Systems or Kenwood Programming cable from COM port on control head to computer USB port. All other cables highly suspect.					
2	Standard and common USB Type-A to USB Mini from radio to computer USB port					
3	Cable to PC is unnecessary since radio has Bluetooth, although Cable 2 may be used					
4	Fabricated cable with 8-pin modular mic plug and 1/8" mono audio plug to 5-pin round TNC plug avail from Coastal Chipworks \$2.00					
5	Standard and common USB Type-A (flat) and USB Type-B (square)					
6	6-Pin DIN to 5-Pin round TNC-X plug. Available from Coastal Chipworks \$20					
7	5-pin round TNC-X plug from Coastal Chipworks \$2.00 to as-determined for radio					
8	Use mic jack and aux speaker jack, cables from Signaling					
9	Yaesu CT-164 and 6-pin mini to 5-pin DIN					
10	8-pin round to 5-pin round					