

**Winlink Equipment Summary - R1 17 Apr 2019**

<b>PROVEN WINLINK EQUIPMENT/COMBINATIONS by LOCAL HAMS and EOCs in INDIAN RIVER, SAINT LUCIE, MARTIN AND BREVARD COUNTIES</b>						
<b>VHF PACKET INSTALLATIONS</b>	<b>Type</b>	<b>Price</b>	<b>TNC / Sound Card</b>	<b>Cable</b>	<b>Some Active Users</b>	<b>Comment</b>
<b>Kenwood TM-D710G</b>	Mobile/base	\$530	Internal AX-25	1	K4WOF-10, WX4MC-10, ISS	Top of class, replaced D700, Dual band, GPS, APRS
<b>Kenwood TH-D72</b>	HT	\$390	Internal AX-25	2	KI4TXP, K4WOF	Dual-bander, GPS, APRS, Full Duplex, <b>External antenna essential for Winlink</b>
<b>Kenwood TH-D74</b>	HT	\$510	Internal KISS	3	KK4SHF, KM4UFN, KK4CID	Tri-bander, GPS, APRS, Bluetooth, D-Star, <b>External antenna essential for Winlink</b>
<b>Icom 5100</b>	Mobile/base	\$370	TNC-X	4,5	KK4KT, K4CPJ	Use mic and external speaker jack for TNC interface
<b>Icom 5100</b>	Mobile/base	\$370	Signalink	8	K4VRB	Client
<b>Icom 2200</b>	Mobile/base	N.A.	Timewave PK96		WA4ASJ	{ Inquire re cabling }
<b>Alinco 135</b>	Mobile/base	\$170	Kantronics KPC-3 +	5,10	W4SLC-10	VHF, Saint Lucie County EOC Radio Message Server running Relay
<b>Yaesu FT-7900R</b>	Mobile/base	\$290	TNC-X	5,6	W4SLC-10	Dual-bander, Client at Saint Lucie County EOC
<b>Yaesu FTM-3100R/E</b>	Mobile/base	\$130	Signalink	4	K4RRK	OM uses UZ7HO Soundmodem. Connections: Mic plug and speaker jack
<b>Yaesu FTM-400 D</b>	Mobile/base	\$410	TNC-X	9	W4ISZ	Client @ OM's QTH
<b>Yaesu FT-8800</b>	Mobile/base	N.A.	TNC-X	9	W4ISZ	Mobile client. out of production
<b>TNCs and AMP</b>						
<b>TNC-X USB HIGHLY RCMD</b>	TNC for VHF	\$123		5		KISS-only, Kit or assembled fm Coastal Chipworks, radio cable TBD
<b>Kantronics KPC-3 Plus USB</b>	TNC for VHF	\$200		5		Smart TNC, specify USB, no PS needed, radio cable TBD
<b>Kantronics KPC-9612</b>	TNC for VHF and UHF	\$400		Custom		Smart TNC 1200 and 9600 baud, radio cable TBD
<b>Timewave PK-96/100 USB</b>	TNC for VHF and UHF	\$230		5		Smart TNC 1200 and 9600 baud, radio cable TBD
<b>TinyTrack3</b>	TNC for VHF	\$45				Can work with considerable effort, lacks shielding, RFI-sensitive, not rcmd
<b>Mirage BD-35</b>	Compact amplifier	\$240				May be required if HT must be used
<b>HF WINMOR/ARDOP/VARA</b>						
<b>IC-7200 / IC-7300</b>	Mobile/base HF	\$980	Internal	5	W2JKD, N1PZB, W4ISZ	IC-7200 out of production
<b>IC-7000</b>	Mobile/base All band	N.A.	Kantronics/Signalink	Custom	K4WOF	Out of production. Runs HF, VHF and UHF. K4WOF. Cabling fabricated.
<b>IC-7600</b>	Base HF	N.A.	Signalink	Custom	K4WOF	Replaced with IC-7610. K4WOF. Cabling fabricated.
<b>Kenwood TS-590SG</b>	Base HF	\$1280	Internal	5	KK4SHF, KC4BAB	Easy setup
<b>Kenwood TS-990S</b>	Base HF	\$6500	Internal	5	KK4SHF, KC4BAB	Easy setup
<b>Elecraft K3S</b>	Base HF	\$3025	Internal	5	KI4TXP	Kit, single USB cable to PC, configuration simple to achieve. KI4TXP
<b>Tigertronics Signalink</b>	External Soundcard for HF	\$115		Note >>		Remember to purchase cable. Frequently used with UZ7HO Soundmodem for VHF
<b>PROBABLE EQUIPMENT COMBINATIONS - IF RADIO, TNC or SOUND CARD TYPES APPEAR IN WINLINK SETTINGS, THEY MOST CERTAINLY WILL WORK</b>						
<b>Icom IC-7100</b>	Mobile/base All-band	\$760	Internal Sound Card	6		Successor to IC-7000. D-Star capable. Good reviews from Winlink forum.
<b>Icom numerous VHF</b>	Mobile/base	N.A.	rcmd TNC-X	TBD		Check for data port - 6-pin DIN connector - Buy cable Coastal Chipworks
<b>Icom numerous HF</b>	Mobile/base	N.A.	Signalink	TBD		Check for data port - 6-pin DIN connector - Buy cable Coastal Chipworks
<b>Kenwood 2000,890,480 HF</b>	Base	N.A.	Internal Sound Card	Prob 5	KK4SHF has used all	
<b>Yaesu numerous VHF</b>	Mobile/base	N.A.	rcmd TNC-X	TBD		Check for data port - 6-pin DIN connector - Buy cable Coastal Chipworks
<b>Yaesu numerous HF</b>	Mobile/base	N.A.	Signalink	TBD		Check for data port - 6-pin DIN connector - Buy cable Coastal Chipworks
<b>Alinco 735</b>	Mobile/base Dual band	\$320	rcmd TNC-X	5,10		Cable 10 uncertain
<b>Barrett</b>	Mobile/base/packable	\$\$\$\$	Internal modems	Unk		Extremely high end tactical HF radios
<b>CABLES - DOUBLE CHECK BEFORE ORDERING</b>						
<b>1</b>	RT Systems or Kenwood Programming cable from COM port on control head to computer USB port. All other cables highly suspect.					
<b>2</b>	Standard and common USB Type-A to USB Mini from radio to computer USB port					
<b>3</b>	Cable to PC is unnecessary since radio has Bluetooth, although Cable 2 may be used					
<b>4</b>	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					
<b>5</b>	Standard and common USB Type-A (flat) and USB Type-B (square)					
<b>6</b>	6-Pin DIN to 5-Pin round TNC-X plug. Available from Coastal Chipworks \$20					
<b>7</b>	5-pin round TNC-X plug from Coastal Chipworks \$2.00 to as-determined for radio					
<b>8</b>	Use mic jack and aux speaker jack, cables from Signaling					
<b>9</b>	Yaesu CT-164 and 6-pin mini to 5-pin DIN					
<b>10</b>	8-pin round to 5-pin round					