# **Comba VEX File Changelog**

2024/04/19 – Comba\_NAM\_All Components\_20240419

* Added 3/8 Coaxial Cable CS-F38PA and CS-F38PB
* Deleted PSW-HS2AX
* Deleted mBDA-RF-26P33
* Added antenna bracket MT-ND-AR
* Added MU to FU Jumper Cable (Note: included with FOU)
* Added Antenna Mounting Kit MT-DA-01
* Added Antenna Mounting Kit MT-DA-02
* Added Jumper JS-4MNM6F-B141, JS-SMSM3F-B141, JS-SMSF3F-B141, JS-SMNM 3F-B141
* Added adapter AD-NFAMI
* Added HB-F38D / Dual 3/8” coaxial cable Hanger Block
* Added connectors CN-NM-F38, CN-NF-F38
* Added Intuicom Cellular 3G/4G LTE Modem INT-XC400

2024/03/21 – Comba\_NAM\_All Components\_20240321

* Added mBDA-RK-3903MX (mBDA wall mount kit)
* Minor description changes
* Added Red Right Angle Jumpers JS-NMNMR1.5F-R141 and JS-NFNMR1.5F-R141

2024/02/20 – Comba\_NAM\_All Components\_20240220

* Added IX-MJA-V3U
* Added SP-NFNF7G and SP-NFNM7G Lightning protection
* Added CO-FSxxNI
* Added CO-FSxxAI
* Added DC-H20NIDS
* Added PSW-HS2AXB
* Added PSW-HS2NXB
* Added PSW-HS2NXDB
* EOL: RX7W22-78AA33AC, RX7W22-07AA33AC, RX7W22-08AA33AC, RX7W22-783227AC, RX7W22-073227AC, RX7W22-083227AC, RX7W22-CFAA33AC, RX7W22-C7AA33AC, RX7W22-C8AA33AC, RX7W22-CF3227AC, RX7W22-C73227AC, RX7W22-C83227AC, RX7W22-78B333AC, RX7W22-07B333AC, RX7W22-08B333AC, RX7W22-78B327AC, RX7W22-CFB333AC, RX7W22-C7B333AC, RX7W22-C8B333AC, RX7W22-CFB327AC
* EOL: PSW-HS2NX, PSW-HS2NXD
* EOL: PS-Hx-ON300C(I)
* EOL: PS-Hx-OMD300C(I)
* Added PS-HSx-ON300CI
* Added IXL-EYN-H2PRT (Addressable)
* Added Seismic Rated equipment (RX78V3-A3327P0-S1-SR, RX07V3-A3327P0-S1-SR, RX08V3-A3327P0-S1-SR, RX78V3-A2727P0-S1-SR, RX07V3-A2727P0-S1-SR, RX08V3-A2727P0-S1-SR, RH78V3-A3300P0-S1-SR, RH07V3-A3300P0-S1-SR, RH08V3-A3300P0-S1-SR, RH78V3-A2700P0-S1-SR, RH07V3-A2700P0-S1-SR, RH08V3-A2700P0-S1-SR, RHFOUV2F-E04UL-SR, RHFOUV2F-E08UL-SR, BBUV3-LFP48030-SR, BBUV3-LFP48060-SR, BBUV3-LFP48100-SR, CPAPV1-DC-B-UL-SR)
* Added Hard Ceiling Mount for IXL-EY-H2P
* EOL: Tapper CO-FSxx-ON300C(I) and CO-FSxx-OMD300C(I)
* EOL: Antenna IXD-360V03MDS
* Updated Attenuators AT05H-NMNFxx and AT02H-SMSFxx
* EOL: IXD-360H04MJN
* EOL: IXD-360H04YJN
* EOL: ADP-NF-MDM
* EOL: IXD-360V03NS
* EOL: MU01-RFU-60B35Q, MU01-RFU-23B10Q, MU01-RFU-25B194Q, LRU01-6Q00TP06Q, MRU01-6Q00TP04Q, HRU01-6900QP02A92, HRU01-6900QP02A92L12, mBDA-RF-23P33Q, ACU-RK-A, ACU-PS-A92W300, ACU-PS-A48W300, ACU-RF-19B65P50DED, ACU-RF-7LB18P50DED, ACU-RF-7UB11P50DED, ACU-RF-8SB07P50DED, ACU-RF-85B25P50DED, ACU-RF-20B70P50DED, ACU-MC-MM20S, ACU-MC-MM20, ACU-MC-S, OCU-RK-ACU, ACU-CB-8I4OES

2023/10/23 – Comba\_NAM\_All Components\_20231023

* Added IX-MJN-V3P
* EOL IXD-360V03N0-54
* Obsoleted duplicate RXxxV3 vex
* Fixed gain of RH45V2F and RX45V2F

2023/03/03 – Comba\_NAM\_All Components\_20230303

* Added PSW-HS2*xxx*; x*xx*=AX,NX,NXD
* Added IX-YQ*x*-V4U; *x*=A,N
* Added IXL-EYN-H2P

2023/01/13 – Comba\_NAM\_All Components\_20230113

* Added RX*xx*V3-*yzz*27P0-*ww*; *xx*=07,08,78; *y*=A,B; *zz*=27,33; *ww*=C0,S0,S1
* Added BBUV3-LFP48*xxx*; *xxx*=030,060,100
* Changed the coupled and insertion loss on CO-FSxx-ON300C(I) and CO-ExxNI to match the adjusted datasheet

2022/10/20 – Comba\_NAM\_All Components\_20221020

* Added RH*xx*V1-R*y*3348-CA; *xx*=07,08,78; *y*=A,B
* Added RH78V1-M*x*48E*y*-CA; *x*=A,B; *y*=4,8
* Added RH7W22-R*xxx*33AC; *xxx*=C7,C8,CF,CFB
* Added RH7W22-D*xxx*ACE*y*; *xxx*=CF,CFB; *y*=4,8
* Added RX*xx*V2-*y*37*zz*-CA; *xx*=07,08,78; *y*=A,B; *zz*=48,AC
* Added JS-N*x*NMR1.5F-B141; *x*=M,F
* Added AT02H-SMSF05
* Added AT05H-NMNF05

2022/07/26 – Comba\_NAM\_All Components\_20220726

* EOL ODP-065V11N
* EOL OOA-360V06NS
* EOL CM-AC2D-O*x*4*y*; *x*=A,D; *y*=B,C
* EOL CM-AC2-OA4B
* EOL CM-AC2-OD4C
* EOL CM-ACKP4-OD1A
* EOL CM-ACKPT5-OD1
* EOL CM-FK2-OD3
* EOL CM-PK2-OD4A
* EOL COM-BD21ODN8
* EOL AK-01-07NSMA-3G
* EOL DC-FH*xx*-O*y*300C(I); *xx*=05,06,07,08,10,13,15,20; *y*=N,MD
* EOL DC-H*xx*-O*y*300C(I); *xx*=05,06,07,08,10,13,15,20; *y*=N,MD
* EOL CPBBUV1-48055-UL

2022/01/27 – Comba\_NAM\_All Components\_20220127

* Added RX45V2F-*x*36*yyzz*UL; *x*=A,B; *yy*=AC,48; *zz*=SP,SA,1A,1B,1X,2A,2B,2X,3A
* Added RH45V2F-*x*36*yyzz*UL; *x*=A,B; *yy*=AC,48; *zz*=SP,SA,1A,1B,1X,2A,2B,2X,3A
* Added RHFOUV2F-E*xx*UL; *xx*=04,08
* Added HC-HS2*x*I; *x*=N,A
* Added IXL-SQ*x*-H6U; *x*=N,A

2022/01/11 – Comba\_NAM\_All Components\_20220111

* Added RX78SF-B3748-UL
* Added LD25H-AMI
* Added IXL-MJN-H4U
* Added IXL-YJN-H4PU
* Added IX-MJN-V3U
* Added CO-E*xx*NI; *xx*=05,07,10,13,15,20

2021/08/30 – Comba\_NAM\_All Components\_20210830

* Added HC-E2N
* Added HC-FR2*x*I; *x*=A,N
* Added PSW-R*x*N; *x*=2,3,4
* (TBD) Added prototype UHF Fiber

2021/08/03 – Comba\_NAM\_All Components\_20210803

* Added CPBBUV2-48060-UL
* Added OY-YN-V11P
* Added JS-4MNM3F-B141, JS-4MDM3F-B141, JS-DMDM3F-B141

2021/07/07 – Comba\_NAM\_All Components\_2021707

* Added AT02H-SMSF*xx*; *xx*=03,06,10,15,20
* Added AT05H-NMNF*xx*; *xx*=03,06,10,15,20
* Added DC-HS*xx*NI; *xx*=05,06,07,08,10,13,15,20
* Added LD*xx*H-NM; *xx*=05,25
* Fixed power consumption on HRU01-6900 and HRU01-6800 remote units

2021/05/04 – Comba\_NAM\_All Components\_20210504

* Fixed MU01-RACK-E02 low freq to allow for 600MHz band
* Fixed CP-AMS-V1-MCU48 to allow VHF band
* Added FP-806-854-ON1
* Added RXUHF-*x*36AC-SPA; *x*=A,B
* Added RX45V1-*x*36DCSA-UL; *x*=A,B

2020/11/20 – Comba\_NAM\_All Components\_20201120

* EOL COM-BD21ONN5. Replacement part TBD.

2020/10/23 – Comba\_NAM\_All Components\_20201023

* Fixed JS parts in equipment list report to qty instead of total feet

2020/10/19 – Comba\_NAM\_All Components\_20201019

* Added DC-HS*xx*AI; *xx* = 5,6,7,8,10,13,15,20;
* Fixed OY-MN-V11P gain to correct dBi instead of dBd
* Fixed RH78V1-FEXPE4/8-UL ports for cascading and changed the category to Active DAS – Expansion Unit
* Removed DIN passive components for splitters/couplers/tappers

2020/09/25 – Comba\_NAM\_All Components\_20200925

* Added RX*xx*V1-*y*2748-80UL; *xx* = 07,08,78; *y* = A,B;
* Added JS-*x*M*x*M*y*F-*z*141; *x*=4,N; *y*=1.5,3,6; *z*=R,B;
* Added JS-*x*M*x*F*y*F-*z*141; *x*=4,N; *y*=1.5,3,6; *z*=R,B;

2020/09/04 – Comba\_NAM\_All Components\_20200904

* Added RX*xx*V2-*y*37*zz*; *xx* = 07,08,78; *y* = A,B; *zz* = AC, 48-UL
* Added CPBBUV2-48100-UL
* Added CPAPV1-DC-B-UL
* Added IWH-080V08NZ-RT

2020/08/17 – Comba\_NAM\_All Components\_20200817

* Added IXD-360V05NT40-RT
* Fixed OY-MN-V11P antenna patterns
* Fixed OOA-360V04MUN antenna patterns
* Fixed IX-YUN-V5P antenna patterns
* Changed “UL2524 compliant” to “UL2524 standard certified” for \*-UL components

2020/06/23 – Comba\_NAM\_All Components\_20200623

* Converted Fiber DAS naming to UL version. RH*xx*V1-*yz*3348-UL; *xx* = 07,08,78; *y* = M,R; *z* = A,B; RH78V1-FEXPE*x*-UL; *x* = 4,8;
* Added IX-YUN-V5P
* Added OY-MN-V11P

2020/05/27 – Comba\_NAM\_All Components\_20200527

* Added HC-R4AI
* Obsoleted HC-R4-OMD300LI and HC-R4-OD300LI
* Converted UHF DC naming to UL version. RXUHF-A36DC-XWX to RX45V1-ADCXX-UL format and added UL2524 description
* Renamed UHF Miami version for UL2524
* Added UHF El Segundo (single component version)
* Created a separate Comba\_NAM\_Passive and Misc Components\_20200527.vex for customers looking for passives vex but are not vetted yet.

2020/02/24 – Comba\_NAM\_All Components\_20200224

* Added PS-HS*x*-OMD300CI, *x* = 2, 3, 4
* Replaced Antenna pattern file for IXD-360H04YJN, IXD-360H04NM40-RT. See IXD-360H04YJN\_v2.zip for MSI files.
* Renamed FP-AJ-IMD1 to FP-ACJ-IMD1
* Added SF version (channelized class B) of BDA. RX*yy*SF-B*xx*48-UL, *yy* = 07, 08, 78; *xx* = 27, 33
* Added SF version (channelized class B) of DAS. RH7W22-R*xx*B3348-SF, RH7W22-D78B48E*y*-SF, *xx* = 07, 08, 78; *y* = 4, 8
* Updated 4x4 hybrid couplers -- new part number/specs: HC-R4-OMD300LI, HC-R4-OD300LI