

## KX1Q Field Day Radio Equipment Checklist 2024

### STATION #1

	Yaesu FT-991A
	Transceiver Power Cord (OEM)
	Microphone (OEM)
	USB-B to USB-C cable
	Cat 6 Ethernet Cable (25')
	Iambic paddle (with cable)
	Heil Sound PRO 7 Headset
	Heil FS3 Footswitch
	Power Strip
	(#2) ~2' Coax Jumpers (PL259)
	LDG Z-100Plus tuner
	Computer (Windows PC)
	Computer Power Cable
	Alinco DM-430T 30A Power Supply
	Power Supply Cable

### STATION #2

	Yaesu FT-891
	Transceiver Power Cord (OEM)
	Microphone (OEM)
	USB-B to USB-C cable
	Cat 6 Ethernet Cable (25')
	Heil Sound PRO 7 Headset
	Heil FS3 Footswitch
	Power Strip
	(#2) ~2' Coax Jumpers (PL259)
	LDG Z-100Plus tuner
	Y-ACC cable (for tuner)
	Computer (Windows PC)
	Computer Power Cable
	Powerwerx SS-30DV 30A power supply
	Power Supply Cable

**STATION #3**

	Yaesu FT-857D
	Transceiver Power Cord (OEM)
	Power Strip
	(#2) ~2' Coax Jumpers (PL259)
	LDG Z-100Plus tuner
	Y-ACC cable (for tuner)
	Computer (Windows PC)
	Computer Power Cable
	Cat 6 Ethernet Cable (25')
	(#4) 15Ah Bioenno LiFePo 12V Batteries
	Tigertronics Signalink USB (with installed "Plug and Play" jumper for Yaesu FT-857D)
	Tigertronics 6-Pin Mini-Din Radio Cable (SLCAB6PM)
	RT Systems USB-62C Programming/CAT cable

**SATELLITE STATION**

	(#2) Yaesu FT-4X handheld FM 2m/70cm transceivers
	Arrow Handheld 2m/70cm LEO Antenna
	(#2) BNC male to SO-239 connectors
	(#2) ~6' RG8X Coaxial Cable Jumpers
	(#2) Female SMA to SO-239 Connectors

**ANTENNA SYSTEM (DEPLOYED)**

	(#2) 80M OCF Dipoles
	550 Paracord (abundant)
	100' LMR 240 (male N-connectors)
	100' LMR 240 (PL-259 connectors)
	50' RG8X (PL-259 connectors)
	100' RG8X (PL-259 connectors)
	(#2) SO-239 Barrel Connectors

**ANTENNA SYSTEM (NOT DEPLOYED)**

	Military Mast
	28.5' Push-Up Fiberglass Mast Max-Gain Systems
	6M Arrow 4-Element Yagi
	2M Arrow 4-Element Yagi
	100' RG8X coax (PL-259 connectors)
	(#2) 25' RG8X coax (PL-259 connectors)

**BAND PASS FILTERS**

	10M Array Solutions
	15M Array Solutions
	20M Morgan Systems (Surgestop)
	40M Morgan Systems (Surgestop)
	80M Dunestar
	160M Dunestar

**NETWORKING & INTERNET**

	8-Port Gigabit Ethernet Switch and Power Cord (Lynksis)
	Verizon Mifi (with USB-C Power Cord)

**SOLAR SYSTEM**

	Sunkingdom 60W Folding Solar Panel
	Renogy Voyager 20A Charge Controller
	Thunderbolt Solar Power Connection Cable Kit (Harbor freight)*
	(*contains the correct SAE to barrel connector for Bioenno LiFePo batteries!)

**POWER**

	Predator 3500W Super Quiet Inverter Generator
	Gasoline (~10 Gallons Stocked)
	10awg Extension Cords
	Variety of Extension Cords And Power Strips