



VE7SOK

VE7SOK - Communications Matrix

						Tested communications paths						
HF Data - Center (Amateur)		Radio model				MPR	VIR	CVRD	CRD	US	CAN	Prov
3615.0	EMBC - Primary		HF Data 1	Kenwood TS-480SAT	When required - Night	X	X	X	X	X	X	X
7091.0	EMBC - Alternate		HF Data 1	Kenwood TS-480SAT	When required - Day	X	X	X	X	X	X	X
HF Data - Center (CFARS)												
Bravo	CFARS - Primary East	MARS	HF Data 1	Kenwood TS-480SAT	When required					X	X	X
Papa	CFARS - Primary West		HF Data 1	Kenwood TS-480SAT	When required						X	X
HF RMS Trimode - Center (Amateur)						MPR	VIR	CVRD	CRD	US	CAN	Prov
3615.0	Nighttime - Primary		HF Data 1	Kenwood TS-480SAT	24/7 unless activated	X	X	X	X	X	X	X
7091.0	Daytime - Primary		HF Data 1	Kenwood TS-480SAT	24/7 unless activated	X	X	X	X	X	X	X
HF RMS Trimode - Center (CFARS)						MPR	VIR	CVRD	CRD	US	CAN	Prov
Bravo	Nighttime/Daytime- Primary		HF Data 1	Kenwood TS-480SAT	24/7 unless activated	X	X	X	X		X	X
Papa	Nighttime/daytime- Primary		HF Data 1	Kenwood TS-480SAT	24/7 unless activated	X	X	X	X		X	X
Quebec	Nighttime/Daytime- Primary		HF Data 1	Kenwood TS-480SAT	24/7 unless activated	X	X	X	X		X	X
HF Voice (Amateur)						MRP	VIR	CVRD	CRD	US	CAN	Prov
3735.0	EMBC - Primary		HF Voice 2	Kenwood TS-570	When required - Night	X	X	X	X		X	X
3745.0	EMBC - Alternate		HF Voice 2	Kenwood TS-570	When required - Night	X	X	X	X		X	X
60 Meters	EMBC - TBD		HF Voice 2	Kenwood TS-570	When required - Day/Night	X	X	X	X		X	X
7060.0	EMBC - Primary		HF Voice 2	Kenwood TS-570	When required - Day	X	X	X	X		X	X
7070.0	EMBC - Alternate		HF Voice 2	Kenwood TS-570	When required - Day	X	X	X	X		X	X
HF Voice (CFARS)						MRP	VIR	CVRD	CRD	US	CAN	Prov
Kilo / Charlie	CFARS - Primary East		HF Voice 2	Kenwood TS-570	When required - Day					X	X	X
Xray/Alpha	CFARS - Primary West		HF Voice 2	Kenwood TS-570	When required - Day					X	X	X
VHF Data						MRP	VIR	CVRD	CRD	US	CAN	Prov
144.970	Primary - MRP & EMBC		VHF Data	Motorola Maxtrac	24, 7, 365	X	X	X	X	X		
145.690	Alternate - MRP & EMBC		VHF Data	Motorola Maxtrac	When required	X	X					
UHF Data						MRP	VIR	CVRD	CRD	US	CAN	Prov
440.125	Primary - MRP & EMBC		UHF Data	Motorola Maxtrac	24, 7, 365	X	X	X	X			

VHF Voice - Analog/Digital C4FM						MRP	VIR	CVRD	CRD	US	CAN	Prov
146.980 minus (103.5 Hz TX & RX Tone)	Inter-Jusidictional - Primary		VHF Voice	Yaesu FTM400DR	When activated	X	X	X	X	X		
146.980 simplex (103.5 Hz TX tone)	Inter-Jusidictional - Alternate		VHF Voice	Yaesu FTM400DR	When required	X			X			
147.570 simplex (123 Hz TX tone)	Inter-Jusidictional - Backup	Note: Internet linking priority	VHF Voice	Yaesu FTM400DR	When required	X			X			
146.460 simplex	Sooke		UHF Voice	Yaesu FTM400DR	When activated	X			X			
146.430 simplex	JDF		UHF Voice	Yaesu FTM400DR	When required	X			X			
146.550 simplex	Metchosin		UHF Voice	Yaesu FTM400DR	When required	X			X			
147.570 simplex	EMBC		UHF Voice	Yaesu FTM400DR	When required	X			X			

UHF Voice - Analog/Digital C4FM						MRP	VIR	CVRD	CRD	US	CAN	Prov
444.925 plus (100 Hz)	Inter-Jusidictional - Primary		UHF Voice	Yaesu FTM400DR	When activated	X	X	X	X	X		
444.925 simplex (100.0 Hz)	Inter-Jusidictional - Alternate		UHF Voice	Yaesu FTM400DR	When required	X			X			
446.375 simplex	Inter-Jusidictional - Backup		UHF Voice	Yaesu FTM400DR	When required	X			X			
444.550 plus (100)	Sooke		UHF Voice	Yaesu FTM400DR	When required	X			X			
446.100 simplex	Sooke		UHF Voice	Yaesu FTM400DR	When activated	X			X			
446.255 simplex	Metchosin		UHF Voice	Yaesu FTM400DR	When required	X			X			
446.050 simplex	JDF		UHF Voice	Yaesu FTM400DR	When required	X			X			

CFARS requires application approval and callsign to access the Military frequencies

CFARS - Canadian Forces Affiliate radio Service

MPR - Mutual Radio Partners

VIR - Vancouver Island Region EMBC

CVRD - Cowichan Vally Regional District

CRD Capital Regional District

US - United States

Can - Canada

PROV - British Columbia

Digital - Yaesu System Fusion C4FM