



Sooke - Communications Matrix (2 pages)

Updated 03/02/2016

VE7SOK

Tested communications paths

HF Data - Center (Amateur)	Primary/Secondary/Backup	Special notes	Labeled as	Radio model	*Active/required/day/night	MRP	VIR	CVRD	CRD	US	CAN	Prov
3615.0	EMBC - Primary		HF Data 1	Kenwood TS-480Sat	When Rquired - 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)			Labeled as	Radio model	*Active/required/day/night	MRP	VIR	CVRD	CRD	US	CAN	Prov
Bravo	CFARS - East		HF Data 1	Kenwood TS-480Sat	When Required					X	X	X
Papa	CFARS - West		HF Data 1	Kenwood TS-480Sat	When Required						X	X

HF RMS Trimode - Center (Amateur)			Labeled as	Radio model	*Active/required/day/night	MRP	VIR	CVRD	CRD	US	CAN	Prov
3615.0	Night - Primary		HF Data 1	Kenwood TS-480Sat	24-7-365 unless activated	X	X	X	X	X	X	X
7091.0	Day - Primary		HF Data 1	Kenwood TS-480Sat	24-7-365 unless activated	X	X	X	X	X	X	X

HF RMS Trimode - Center (CFARS)			Labeled as	Radio model	*Active/required/day/night	MRP	VIR	CVRD	CRD	US	CAN	Prov
Bravo	Night/day - Primary		HF Data 1	Kenwood TS-480Sat	24-7-365 unless activated	X	X	X	X		X	X
Papa	Night/day - Primary		HF Data 1	Kenwood TS-480Sat	24-7-365 unless activated	X	X	X	X		X	X
Quebec	Night/day - Primary		HF Data 1	Kenwood TS-480Sat	24-7-365 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-570S	When Rquired - Night	X	X	X	X		X	X
3745.0	EMBC - Alternate		HF Voice 2	Kenwood TS-570S	When Rquired - Night	X	X	X	X		X	X
60 Meters	EMBC - TBD		HF Voice 2	Kenwood TS-570S	When Required	X	X	X	X		X	X
7060.0	EMBC - Primary		HF Voice 2	Kenwood TS-570S	When Required - Day	X	X	X	X		X	X
7070.0	EMBC - Alternate		HF Voice 2	Kenwood TS-570S	When Required - Day	X	X	X	X		X	X
Variable	US / Other		HF Voice 2	Kenwood TS-570S	When Required	X	X	X	X	X	X	X

HF Voice (CFARS)						MRP	VIR	CVRD	CRD	US	CAN	Prov
Kilo / Charlie	CFARS - East		VHF Data	Kenwood TS-570S	When Required					X	X	X
Xray / Alpha	CFARS - West		VHF Data	Kenwood TS-570S	When Required					X	X	X

VHF Data						MRP	VIR	CVRD	CRD	US	CAN	Prov
144.970	Primary - MRP & EMBC		VHF Data	Motorola	24-7-365	X	X	X	X			
145.690	Alternate - MRP & EMBC		VHF Data	Motorola	When Required	X	X					

UHF Data						MRP	VIR	CVRD	CRD	US	CAN	Prov
440.125	Primary - MRP & EMBC		UHF Data	Motorola	24-7-365	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-Jurisdictional - Primary		VHF Voice	Yaesu FTM400DR	When Activated	X	X	X	X	X		
146.980 simplex (103.5 Hz TX tone)	Inter-Jurisdictional - Alternate		VHF Voice	Yaesu FTM400DR	When Required	X			X			
147.570 simplex (123 Hz TX tone)	Inter-Jurisdictional - Backup	BCARCC: Internet linking	VHF Voice	Yaesu FTM400DR	When Required	X			X			
146.460 simplex	Sooke		VHF Voice	Yaesu FTM400DR	When Activated	X						
146.430 simplex	CRD - JDF		VHF Voice	Yaesu FTM400DR	When Required	X			X			
146.550 simplex	Metchosin		VHF Voice	Yaesu FTM400DR	When Required	X						
147.570 simplex	EMBC		VHF 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-Jurisdictional - Primary		UHF Voice	Yaesu FTM400DR	When Activated	X	X		X	X		
444.925 simplex (100.0 Hz)	Inter-Jurisdictional - Alternate		UHF Voice	Yaesu FTM400DR	When Required	X						
446.375 simplex	Inter-Jurisdictional - Backup		UHF Voice	Yaesu FTM400DR	When Required	X			X			
444.550 plus (100.0 Hz)	Sooke		UHF Voice	Yaesu FTM400DR	When Required	X						
446.100 simplex	Sooke		UHF Voice	Yaesu FTM400DR	When Activated	X						
446.255 simplex	Metchosin		UHF Voice	Yaesu FTM400DR	When Required	X						
446.050 simplex	CRD - JDF		UHF Voice	Yaesu FTM400DR	When Required	X						

CFARS requires application approval and callsign to access the Military frequencies

CFARS - Canadian Forces Affiliate radio Service

MRP - 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

When Activated

When Required

When Required - Day

When Rquired - Night

24-7-365

24-7-365 unless activated