



BAND PLAN

AMATEUR RADIO

YB1PR

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BAND AMATEUR RADIO

DALAM MHZ

MF	1.800	s/d	2.000
HF	3.500	s/d	3.900
	7.000	s/d	7.100
	10.100	s/d	10.150
	14.000	s/d	14.350
	18.068	s/d	18.168
	21.000	s/d	21.450
	24.890	s/d	24.990
	28.000	s/d	29.700
VHF	50.000	s/d	54.000
	148.000	s/d	148.000
UHF	430.000	s/d	440.000
	1.240.000	s/d	1.298.000
	2.450.000	s/d	2.450.000
EHF	3.500.000	s/d	3.500.000
	5.850.000	s/d	5.850.000
	10.500.000	s/d	10.500.000
	24.250.000	s/d	24.250.000
SHF	47.000.000	s/d	47.200.000
	75.500.000	s/d	76.000.000
	76.000.000	s/d	81.000.000
	142.000.000	s/d	144.000.000
	144.000.000	s/d	149.000.000
	241.000.000	s/d	248.000.000
	248.000.000	s/d	250.000.000

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MF - 160 METER

ORARI		IARU REG 3	
1,800 - 2,000	CW	1,800 - 1,830	CW
1,830 - 1,835	CW Dx Window	1,830 - 1,834	RTTY, CW, DX
1,830 - 1,850	Phone Dx Window	1,834 - 1,840	CW
1,850 - 2,000	Phone	1,840 - 2,000	Phone, CW
IARU REG. 2		IARU REG 1	
1,800 - 1,830	CW, Digimode	1,810 - 1,838	CW
1,830 - 1,840	CW, Digimode (DX CW window)	1,838 - 1,840	Digimode except Packet, CW
1,840 - 1,850	Phone, CW (DX Phone window)	1,840 - 1,842	Digimode except Packet, Phone, CW
1,850 - 2,000	Phone - CW	1,842 - 2,000	Phone, CW

Band ini : Hanya di gunakan oleh tingkat Penggalang & Penegak

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HF - 80 METER

ORARI		IARU REG 3	
3,500 - 3,900	CW	3,500 - 3,510	DX, CW
3,500 - 3,510	CW Dx Window	3,510 - 3,535	CW
3,510 - 3,775	Phone	3,535 - 3,775	Phone, CW
3,775 - 3,805	Phone Dx Window	3,775 - 3,800	DX Phone, CW
3,805 - 3,900	Phone	3,800 - 3,900	Phone, CW
IARU REG. 2		IARU REG 1	
3,500 - 3,510	CW (DX CW window)	3,500 - 3,510	Intercontinntal DX CW
3,510 - 3,525	CW	3,500 - 3,560	CW, Contest preferred CW segment
3,525 - 3,580	CW, (Phone permitted, non interference basis)	3,560 - 3,580	CW
3,580 - 3,620	Digimode, (Phone permitted, non interference basis), CW	3,580 - 3,590	Digimode, CW
3,620 - 3,635	Packet Priority, (Phone permitted, non interference basis), CW	3,590 - 3,600	Digimode, Packet Preferred CW
3,635 - 3,775	Phone, CW	3,600 - 3,620	Phone, Digimode, CW
3,775 - 3,800	Phone (DX Phone window), CW	3,600 - 3,650	Phone Contest preferred phone segment, CW
3,800 - 3,840	Phone, CW	3,650 - 3,775	Phone, CW
3,840 - 3,850	SSTV, FAX, Phone, CW	3,700 - 3,800	Phone Contest preferred phone segment, CW
3,850 - 4,000	Phone, CW	3,730 - 3,740	SSTV, FAX, Phone, CW
		3,775 - 3,800	Intercontinental DX Phone

Band ini : Hanya di gunakan oleh tingkat Siaga, Penggalang & Penegak
Komunikasi keluar negeri bagi Tingkat Siaga hanya menggunakan CW

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HF - 40 METER

ORARI	IARU REG 3
7,000 - 7,100 CW 7,025 - 7,040 Data 7,040 - 7,080 Phone 7,080 - 7,100 Phone Dx Window	7,000 - 7,025 CW 7,025 - 7,030 NB, CW 7,030 - 7,040 NB/Phone, CW 7,040 - 7,100 Phone, CW 7,100 - 7,300 Phone, CW - (see footnote 5). This segment is allocated on a secondary basis to amateur service in Australia and New Zealand
IARU REG. 2	IARU REG 1
7,000 - 7,035 CW 7,035 - 7,040 Digimode with other Regions, CW 7,040 - 7,050 Packet with other Regions, CW 7,050 - 7,100 Phone, CW 7,100 - 7,120 Digimode, Phone, CW 7,120 - 7,165 Phone, CW 7,165 - 7,175 SSTV, FAX, Phone, CW 7,175 - 7,300 Phone, CW	7,000 - 7,035 CW 7,035 - 7,040 Digimode (except Packet), SSTV/FAX,CW 7,040 - 7,045 Digimode (except Packet SSTV/FAX), Phone, CW 7,045 - 7,100 Phone, CW

Band ini : Hanya di gunakan oleh tingkat Penggalang & Penegak
Tingkat Siaga dibenarkan menggunakan frek 7.000 s/d 7.035 dengan CW

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HF - 30 METER

ORARI	IARU REG 3
10,100 - 10,150 CW 10,140 - 18,150 Data	10,100 - 10,140 CW 10,140 - 10,150 NB, CW (Secondary)
IARU REG. 2	IARU REG 1
10,100 - 10,130 CW 10,130 - 10,140 Digimode, CW 10,140 - 10,150 Packet Priority, CW	10,100 - 10,140 CW 10,140 - 10,150 Digimode (except Packet), CW

Band ini hanya untuk tingkat Penegak

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HF - 20 METER

ORARI	IARU REG 3
14,000 - 14,350 CW 14,070 - 14,112 Data 14,112 - 14,350 Phone	14,000 - 14,070 CW 14,070 - 14,099,5 NB, CW 14,099,5 - 14,100,5 Beacons 14,100,5 - 14,112 NB, Phone, CW 14,112 - 14,225 Phone, CW 14,225 - 14,235 SSTV, Phone, CW 14,235 - 14,350 Phone, CW
IARU REG. 2	IARU REG 1
14.000 - 14.070 CW 14.070 - 14.095 Digimode, CW 14.095 - 14.099,5 Packet, Digimode, CW 14.099,5 - 14.100,5 IBP/NCDXF 14.100,5 - 14.112 Packet, Phone, CW 14.112 - 14.225 Phone, CW 14.225 - 14.235 SSTV, FAX, Phone, CW 14235 - 14350 Phone, CW	14.000 - 14.070 CW 14.000 - 14.060 CW, Contest CW preferred segment 14.070 - 14.089 Digimode, CW 14.089 - 14.099 Digimode non automat. Packet preferred, CW 14.099 - 14.101 IBP 14.101 - 14.112 Digimode (Store and fwrdr preferred) Phone, CW 14.112 - 14.125 Phone, CW 14.125 - 14.300 Phone, Contest

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HF - 17 METER

ORARI		IARU REG 3	
18,068 - 18,168	CW	18.068 - 18.100	CW
18,100 - 18,110	Data	18.100 - 18.110	NB, CW
18,110 - 18,168	Phone	18.110 -	IBP
		18.110 - 18.168	Phone, CW
IARU REG. 2		IARU REG 1	
18.068 - 18.100	CW	18.068 - 18.100	CW
18.100 - 18.105	Digimode, CW	18.100 - 18.109	Digimode, CW
18.105 - 18.109,5	Packet Priority, CW	18.109 - 18.111	IBP
18.109,5 - 18.110,5	IBP/NCDXF	18.111 - 18.168	Phone, CW
18.110,5 - 18.168	Phone, CW		

Band ini hanya untuk tingkat Penegak

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HF - 15 METER

ORARI	IARU REG 3
21,000 - 21,450 CW 21,070 - 21,150 Data 21,150 - 21,450 Phone	21.000 - 21.070 CW 21.070 - 21.125 NB, CW 21.125 - 21.149.5 CW 21.149.5 - 21.150.5 IBP 21.150.5 - 21.335 Phone, CW 21.335 - 21.345 SSTV, Phone, CW 21.345 - 21.450 Phone, CW
IARU REG. 2	IARU REG 1
21.000 - 21.070 CW 21.070 - 21.090 Digimode, CW 21.090 - 21.125 Packet Priority, CW 21.125 - 21.149,5 CW 21.149,5 - 21.150,5 IBP/NCDXF 21.150,5 - 21.335 Phone, CW 21.335 - 21.345 SSTV, FAX, Phone 21.345 - 21.450 Phone, CW	21.000 - 21.080 CW 21.080 - 21.100 Digimode, CW 21.100 - 21.120 Digimode Packet preferred, CW 21.120 - 21.149 CW 21.149 - 21.151 IBP 21.151 - 21.450 Phone, CW 21.340 Calling freq. SSTV, FAX. Phone, CW

Band ini : Hanya di gunakan oleh tingkat Penggalang & Penegak
Tingkat Siaga dibenarkan menggunakan frek 21.000 s/d 21.100 dengan CW

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HF - 12 METER

ORARI		IARU REG 3	
24,890 - 24,990	CW	24.890 - 24.920	CW
24,920 - 24,930	DATA	24.920 - 24.929	NB, CW
24,930 - 24,990	PHONE	24.930 -	IBP
		24.931 - 24.990	Phone, CW
IARU REG. 2		IARU REG 1	
24.890 - 24.920	CW	24.890 - 24.920	CW
24.920 - 24.925	Digimode, CW	24.920 - 24.929	Digimode, CW
24.925 - 24.929,5	Packet Priority, CW	24.929 - 24.931	IBP
24.929,5 - 24.930,5	IBP/NCDXF	24.931 - 24.990	Phone, CW
24.930,5 - 24.990	Phone, CW		

Band ini hanya untuk tingkat Penegak

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HF - 10 METER

ORARI		IARU REG 3	
28,000 - 28,700	CW	28.000 - 28.050	CW
28,050 - 28,150	Data	28.050 - 28.150	NB, CW
28,150 - 28,300	INT' Beacon	28.150 - 28.190	CW
28,150 - 29,300	Phone	28.190 - 28.200	IBP
29,300 - 29,510	SATELLITE	28.200 - 28.300	CW
29,510 - 29,580	Repeater Input	28.300 - 28.675	Phone, CW
29,580 - 29,620	FM Simplex	28.675 - 28.685	SSTV, Phone, CW
29,620 - 29,680	Repeater Output	28.685 - 29.300	Phone, CW
29,680 - 29,700	FM Simplex	29.300 - 29.510	Satellite , CW
		29.510 - 29.700	WB (6KHz), CW
IARU REG. 2		IARU REG 1	
28.000 - 28.070	CW	28.000 - 28.050	CW
28.070 - 28.120	Digimode, CW	28.050 - 28.120	Digimode, CW
28.120 - 28.189,5	Packet priority, CW	28.120 - 28.150	Digimode, Packet Preferred, CW
28.189,5 - 28.190,5	World Wide Beacon Network #2	28.150 - 28.190	CW
28.190,5 - 28.199,5	Intra-regional Beacon Network	28.190 - 28.199	Reg.Time Shared IBP
28.199,5 - 28.200,5	IBP/NCDXF	28.199 - 28.201	WW Time Shared IBP
28.200,5 - 28.225	Beacons, CW	28.201 - 28.225	Continuous Duty IBP
28.225 - 28.670	Phone, CW	28.225 - 29.200	Phone, CW
28.670 - 28.690	SSTV, FAX, Phone, CW	28.680	Calling freq. SSTV, FAX. Phone, CW
28.690 - 29.300	Phone, CW	29.200 - 29.300	Digimode (NBFM Packet), Phone, CW
29.300 - 29.510	Satellites	29.300 - 29.510	Satellite down link
29.510 - 29.700	FM Phone and Repeaters	29.510 - 29.700	Phone. CW

Band ini : Hanya di gunakan oleh tingkat Penggalang & Penegak
 Tingkat Siaga dibenarkan menggunakan frek 28.000 s/d 28.400 dengan CW

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VHF 6 METER

ORARI

50,000	54,000	CW	200HA1A	200HA1B	1K20F1A
50,000	50,100	Beacon	1K20F1B	2K20A2A	2K20A2B
50,100	51,000	Phone	3K00H3E	3K00J3E	3K00R3E
51,000	52,000	Data	6K00A3E	16K0F2A	16K0F2B
52,000	54,000	Phone	16K0G1B	16K0G2B	16K0F3E

Band ini hanya digunakan oleh Tingkat Penggalang dan Penegak

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VHF 2 METER

ORARI

144,000	-	148,000	CW			
144,000	-	144,100	E.M.E			
144,100	-	144,200	Data			
144,200	-	144,280	Experiment			
144,280	-	144,380	SSB Phone	200HA1A	200HA1B	1K20F1A
144,400	-	144,480	FM Simplex	1K20F1B	2K20A2A	2K20A2B
	-	145,000	Call Channel	3K00H3E	3K00J3E	3K00R3E
145,020	-	145,780	Organization Use	6K00A3E	16K0F2A	16K0F2B
145,800	-	146,000	SATELLITE	16K0G1B	16K0G2B	16K0F3E
146,020	-	146,280	Repeater Input			
146,300	-	146,800	FM Simplex			
146,820	-	146,880	Repeater Output			
146,900	-	148,000	FM Simplex			

Band ini dapat digunakan semua tingkatan

Bagi Tingkat Pemula dan Siaga tidak dibenarkan menggunakan 145,850 s/d 145.950

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UHF 0,70 METER

ORARI

430,000 - 440,000	CW			
430,000 - 431,000	SSB			
432,000 - 432,080	Data			
432,100 - 433,000	E.M.E Beacon			
433,020 - 433,320	Repeater Input	200HA1A	200HA1B	1K20F1A
433,340 - 433,660	Repeater Output	1K20F1B	2K20A2A	2K20A2B
433,680 - 433,800	FM Simplex	3K00H3E	3K00J3E	3K00R3E
433,820 - 434,000	Repeater Output	6K00A3E	16K0F2A	16K0F2B
434,020 - 434,980	FM Simplex	16K0G1B	16K0G2B	16K0F3E
435,000 - 438,000	SATELLITE			
438,020 - 438,320	Repeater Input			
438,340 - 438,660	FM Simplex			
438,680 - 439,000	Auxelary Repeater			
439,020 - 440,000	Link			
	FM Simplex			

Band ini dapat digunakan semua tingkatan

Bagi Tingkat Pemula dan Siaga tidak dibenarkan menggunakan 435,050 s/d 437.950

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UHF 0,23 METER

ORARI

1,240 -	1,300 Ghz	Repeater Output		
1,246 -	1,254 Ghz	Phone Simplex	200HA1A	200HA1B
1,254 -	1,260 Ghz	Repeater Input	2K20A2A	2K20A2B
1,260 -	1,270 Ghz	SATELLITE	3K00H3E	3K00J3E
1,270 -	1,275 Ghz	Phone	3K00R3E	6K00A3E
1,275 -	1,280 Ghz	Repeater Input	16K0F3E	
1,280 -	1,285 Ghz	FM Simplex		
1,285 -	1,290 Ghz	Repeater Output		
1,290 -	1,300 Ghz	FM Simplex		

Band ini hanya digunakan oleh Tingkat Penggalang dan Penegak

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UHF 0,12 METER

ORARI

2,300 - 2,450 Ghz	CW	200HA1A	200HA1B	2K20A2A
2,340 - 2,450 Ghz	Phone	2K20A2B	3K00H3E	3K00J3E
		3K00R3E	6K00A3E	16K0F3E

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SHF

ORARI

3,300 -	3,500 Ghz	Akan ditentukan kemudian	A1A A1B A3E H3E J3E
5,660 -	5,680 Ghz	Akan ditentukan kemudian	R3E F1A F1B F2A F2B
10,000 -	10,500 Ghz	Akan ditentukan kemudian	F3E F3C G1B G3E
24,000 -	24,250 Ghz	Akan ditentukan kemudian	

Kelebaran Emisi tidak ditentukan sepanjang masih bekerja dalam band frekuensi yang dialokasi bagi Amatir Radio

EHF

ORARI

47,000 -	47,200 Ghz	Akan ditentukan kemudian	A1A A1B A3E H3E J3E
75,500 -	81,000 Ghz	Akan ditentukan kemudian	R3E F1A F1B F2A F2B
142,000 -	149,000 Ghz	Akan ditentukan kemudian	F3E F3C G1B G3E
241,000 -	250,000 Ghz	Akan ditentukan kemudian	

Kelebaran Emisi tidak ditentukan sepanjang masih bekerja dalam band frekuensi yang dialokasi bagi Amatir Radio

Band ini hanya digunakan oleh Tingkat Penggalang dan Penegak