

## ENR 4 RADIO NAVIGATION AIDS/SYSTEMS

### ENR 4.1 RADIO NAVIGATION AIDS - EN-ROUTE

Name of Station (VOR/VAR)	ID	Frequency (CH)	Hours of Operation	Coordinates	ELEV DME Antenna	Remarks
1	2	3	4	5	6	7
<b>KUALA LUMPUR FIR</b>						
ALOR STAR DVOR / DME	VAS	113.6 MHz CH 83 X	H24	061108.4N 1002349.2E		
BATU ARANG DVOR/DME	VBA	114.7 MHz CH 94 X		031929.3N 1012724.9E		
IPOH DVOR / DME	VIH	117.3 MHz CH 120 X		043422.9N 1010537.0E		
JAYBEE NDB	JB	400 KHz		012959.8N 1034241.8E		
JOHOR BAHRU NDB	JR	245 KHz		014029.8N 1033935.9E		
JOHOR BAHRU DVOR / DME	VJR	112.7 MHz CH 74 X		014347.5N 1033717.9E		
KERTEH DVOR / DME	VKE	117.1 MHz CH 118 X		043254.2N 1032523.6E		
KOTA BHARU DVOR/DME	VKB	112.3 MHz CH 70 X		060948.3N 1021851.1E		
KONG KONG NDB	KK	286 KHz		013117.9N 1035923.7E		
KUALA LUMPUR NDB	CE	205 KHz		031742.3N 1012706.9E		
KUALA LUMPUR DVOR / DME	VKL	116.1 MHz CH 108 X		024328N 1014417E		
KUANTAN VOR / TACAN	VKN	113.7 MHz CH84 X		034634.2N 1031236.0E		
LANGKAWI DVOR / DME	VPL	114.1 MHz CH 88 X		062119.4N 0994450.6E		
MALACCA DVOR/DME	VMK	117.4 MHz CH 121 X		021529.0N 1021445.0E		
MERSING DVOR / DME	VMR	116.8 MHz CH 115 X		022318N 1035218E		
PEKAN DVOR/DME	VPK	115.6 MHz CH 103X		032259N 1032524E	DME Antenna Elevation: 7.9 M	
PENANG DVOR / DME	VPG	116.2 MHz CH 109 X		051646.7N 1001537.4E		
KUALA TERENGGANU DVOR/DME	VKR	112.9 MHz CH 76 X	052138.4N 1030454.2E			
PULAU TIOMAN DVOR/DME	VPT	114.0 MHz CH 87 X	025439.4N 1040603.6E			

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<b>KOTA KINABALU FIR</b>						
BINTULU NDB	BTU	368 KHz	H24	030609N 1130128E	Antenna Hgt : 128 FT (39 M)	1.64 KM from THR 35 Brg 347°
BINTULU DVOR/DME	VBU	112.6 MHz CH 73 X		030914N 1130048E	Antenna Hgt : 23FT (7 M)	2105 M from THR 17 Brg 167°
BRUNEI DVOR/DME	BRU	112.0 MHz CH 57 X		045230N 1145254E		
KOTA KINABALU DVOR / DME	VJN	113.1 MHz CH 78 X		055358.8N 1160147.8E		
KUCHING DVOR / DME	VKG	114.5 MHz CH 92 X		012821.9N 1101842.9E		
LABUAN DVOR / DME	VLB	116.3 MHz CH 110 X		051724.0N 1151506.2E		
LAHAT DATU NDB	LHD	334 KHz		050129.1N 1182010.8E		
LIMBANG DVOR/DME	VLG	113.4 MHz CH 81 X		044750N 1150008E	Antenna Hgt : 41 FT (12.5 M)	
MIRI NDB	MYY	209 KHz		041759N 1135835E		
MIRI DVOR / DME	VMI	112.4 MHz CH 71 X		042016N 1135939E		
SANDAKAN DVOR / DME	VSN	114.0 MHz CH 87 X		055413.62N 1180429.55E		
MULU DVOR / DME	VZU	112.8 MHz CH 75 X		040158N 1144743E	Antenna Hgt : 202 FT (67.76 M)	
SIBU DVOR / DME	VSI	112.2 MHz CH 59 X		021448.5N 1120012.2E	Antenna Hgt : 154.81FT (47.2M)	
TAWAU DVOR / DME	VTW	115.6 MHz CH 103 X		041928N 1180824E		