

**ENR 4. RADIO NAVIGATION AIDS/ SYSTEM****ENR 4.1 Radio Navigation Aids-En-Route**

Name of Station	ID	Frequency	Hrs. of Ops <sup>1</sup>	Coordinates ANTENNA	ELEV/DME	Remarks
1	2	3	4	5	6	7
BHAIRAHAWA DVOR/DME	BWA	117 MHZ (CH 117 X)	H24	273003 N * 0832623E	109.3m	
BIRATNAGAR DVOR/DME	BRT	114.10 MHZ (CH 88 X)	H24	262858 N * 0871458 E	87m	VOR Range 100 NM, DME range 100 NM at 12500' AMSL on R344
CHANDRAGADHI DVOR/DME	BDP	115.6 MHz CH 103X	H24	263406.8N 0880532.9E	105m	DVOR/DME coverage classification as restricted due to mountainous terrain as following. a. DVOR/DME coverage signal is available on radials till: - 41 nm. on R263 at altitude 2,000 ft. (MSL) - 40 nm. on R295 at altitude 12,500 ft. (MSL) - 40 nm. on R313 at altitude 13,000 ft. (MSL) b. DVOR/DME coverage signal in orbit is available till: - 40 nm. on R263 – R283 at altitude should not below 3,000 feet (MSL) - 40 nm. on R284 – R311 at altitude should not below 10,000 feet (MSL) - 40 nm. on R312 – R345 at altitude should not below 13,000 feet (MSL)
DHANGADHI DVOR/DME	DHI	116.3 MHz CH 110X	H24	284520N 0803601.5E	200m	DVOR/DME coverage classification as restricted due to mountainous terrain as following. a. DVOR/DME coverage signal is available on radials till: - 32 nm. on R049 at altitude 12,000 ft. (MSL) - 35 nm. on R067 at altitude 13,000 ft. (MSL) - 59 nm. on R100 at altitude 16,000 ft. (MSL) - 40 nm. on R117 at altitude 7,000 ft. (MSL) - 17 nm. on R299 at altitude 2,500 ft. (MSL) - 35 nm. on R358 at altitude 15,000 ft. (MSL) b. DVOR/DME coverage signal in orbit is available till: - 30 nm. on R350 – R059 at altitude should not below 15,000 feet (MSL) - 40 nm. on R060 – R089 at altitude should not below 13,000 feet (MSL) - 40 nm. on R090 – R120 at altitude should not below 10,000 feet (MSL)

KATHMANDU DVOR/DME	KTM	113.2 MHZ (CH-79 X)	H24	274025 N* 0852055 E	1330m	
NEPALGUNJ DVOR/DME	NGJ	115.10 MHZ CH-98 X)	H24	280605 N* 0813903 E	164m	
NEPALGUNJ NDB	NPJ	330 KHZ	H24	280559.4 N* 0814003.1E	Antenna Hgt 50' AGL	
POKHARA DME	PKR	(CH 75 X)	H24	281203 N* 0835905 E	829M	
POKHARA DVOR/DME	POK	117.3 MHZ CH 120X	H24	281154.1 N* 0835853.5 E	840M	DVOR/DME coverage classification as restricted due to mountainous terrain as following. a. DVOR/DME coverage signal is available on radials till: - 50 nm. on R113 at altitude 11,000 ft. (MSL) - 50 nm. on R143 at altitude 12,000 ft. (MSL) - 24 nm. on R215 at altitude 11,000 ft. (MSL) - 20 nm. on R267 at altitude 13,000 ft. (MSL) b. DVOR/DME coverage signal in orbit is available till: - 40 nm. on R113 – R150 at altitude should not below 11,000 feet (MSL). - 35 nm. on R150 – R185 at altitude should not below 13,500 feet (MSL). - 25 nm. on R185 – R270 at altitude should not below 15,000 feet (MSL).
SIMARA DVOR/DME	SMR	112.90 MHZ (CH-76 X)	H24	270951 N* 0845856 E	146.1M	

1 Refer AD-2 for Hours of Operation