

ENR 4 РАДИОНАВИГАЦИОННИ СРЕДСТВА/СИСТЕМИ

ENR 4.1 РАДИОНАВИГАЦИОННИ СРЕДСТВА - ПО МАРШРУТ

Забележки и начин на използване на радионавигационните средства във въздушното пространство за свободно планиране (ВПСП) са посочени в колона 7. Подробно обяснение на кодирането на информацията за ВПСП е дадено в подраздел ENR 4.4.

ENR 4 RADIO NAVIGATION AIDS/SYSTEMS

ENR 4.1 RADIO NAVIGATION AIDS - EN-ROUTE

Remarks and usage of radio navigation aids within Free Route Airspace (FRA) are given in column 7. Detailed explanation of FRA information coding is described in subsection ENR 4.4.

(A):xxxx - FRA Arrival Connecting radio navigation aid and applicable aerodrome(s)
(D): xxxx - FRA Departure Connecting radio navigation aid and applicable aerodrome(s)
(I) - FRA Intermediate radio navigation aid

Име на станцията (VAR) Name of station (VAR)	Обозначение Identification	Честота (CH) Frequency (CH)	Часове на работа Hours of operation	Географски координати Geographical coordinates	Превишение на предавателната антена на DME m (ft) Elevation of the transmitting antenna of DME m (ft)	Забележки Remarks
1	2	3	4	5	6	7
Bailovo DVOR/DME (5°E 2020)	BLO	117.5 MHz (CH 122x)	H24	424002N 0234850E	930 (3100)	Coverage 185 km (100 NM) DVOR/BLO shall not be used by ACFT equipped with non-FM Immunity receivers FRA (I): FL245 - FL660
Bozhourishte NDB	BOZ	312 kHz	H24	424612N 0231128E	-	Coverage 74 km (40 NM) FRA (I): FL245 - FL660
Burgas DVOR/DME (6°E 2020)	BGS	112.0 MHz (CH 57x)	H24	423514N 0273217E	60 (200)	Coverage 278 km (150 NM) Co - located DVOR/DME FRA (I) FRA (D): LTFM, LTBA, LTFJ
Devnya NDB	DWN	350 kHz	H24	431500N 0273915E	-	Coverage 130 km (70 NM)
Emona DME	EMO	CH 83y	H24	424511N 0274531E	540 (1800)	Coverage 370 km (200 NM) FL500 FRA (I)
Golyama VOR/DME (5°E 2020)	GOL	114.1 MHz (CH 88x)	H24	430542N 0241314E	420 (1400)	Coverage 185 km (100 NM) FRA (I): FL245 - FL660 FRA (E):EVEN FL, FL175 - FL245 FRA (X):ODD FL, FL175 - FL245 FRA (AD):LBSF, LBGO

1	2	3	4	5	6	7
Gorna DVOR/DME (6°E 2020)	GRN	115.550 MHz (CH 102y)	H24	430912N 0254242E	90 (300)	Coverage 370 km (200 NM) Co - located DVOR/DME FRA (I)
Kalotina DME	KAL	CH 122y	H24	425657N 0225230E	960 (3200)	Coverage 370 km (200 NM) FRA (I): FL245 - FL660
Kamenar NDB	KMN	399 kHz	H24	423733N 0273520E	-	Coverage 130 km (70 NM)
Rozhen DME	ROZ	CH 98y	H24	414151N 0244418E	1800 (5900)	Coverage 333 km (180 NM) FL500 FRA (I)
Plovdiv DVOR/DME (5°E 2020)	PDV	114.9 MHz (CH 96x)	H24	420312N 0245235E	180 (600)	Coverage 111 km (60 NM) Co - located DVOR/DME DVOR/PDV shall not be used by ACFT equipped with non-FM Immunity receivers FRA(I) FRA (A): LTFM
Sofia DVOR/DME (5°E 2020)	SOF	112.6 MHz (CH 73x)	H24	424153N 0232322E	540 (1800)	Coverage 148 km (80 NM) Co - located DVOR/DME FRA (I): FL245 - FL660
Vakarel NDB	WAK	490 kHz	H24	423430N 0234216E	-	Coverage 74 km (40 NM) FRA (I): FL245 - FL660
Varbitsa DME	VRB	CH 92y	H24	425533N 0264003E	960 (3200)	Coverage 370 km (200NM) FL500 FRA (I)
Varna DVOR/DME (6°E 2020)	WRN	112.4 MHz (CH 71x)	H24	431352N 0274902E	60 (200)	Coverage 278 km (150 NM) Co - located DVOR/DME FRA (I) FRA (A): LBWN when LBD312, LBD313 and LBD314 activated by NOTAM
Vitosha DME	VIT	CH 81y	H24	423355N 0231724E	2280 (7500)	Coverage 295 km (160 NM) FRA (I): FL245 - FL660