

ENR 6.3
05 SEP 2024

AIR TRAFFIC SERVICES AND AIRSPACE INFORMATION

- FLIGHT INFORMATION REGION (FIR)
- CONTROL ZONE (CTR)
- TERMINAL AREA BOUNDARY (TMA)
- CONTROL AREA (CTA)

	COMPULSORY FLY-BY WAYPOINT
	COMPULSORY MET FLY-BY WAYPOINT
	ATS ROUTE REPORTING POINT BY-PASS (NO REPORT IS REQUIRED ON THIS ROUTE)

	COMPASS ROSE
	VOR/DME
	VORTAC
	AERODROME

Diagram illustrating the components of a VOR station identifier:

- MAGNETIC TRACK
- ROUTE DESIGNATOR (B415)
- DISTANCE IN NAUTICAL MILES (34)
- DIRECTION OF FLIGHT (4300)
- ROUTE LOWER LIMIT (-105)

Diagram illustrating the structure of a 5-digit alphanumeric code for a control area:

- TMA
- NAME OF CONTROL AREA
- UPPER LIMIT
- LOWER LIMIT
- UNIT PROVIDING SERVICE
- AIRSPACE CLASSIFICATION

Diagram illustrating the components of a vertical profile box:

- P52 — IDENTIFICATION OF AREA
- LINE —
- 50% — VERTICAL LIMITS

WAYPOINT	COORDINATE	WAYPOINT	COORDINATE
ALKAN	255214N 0521615E	LAGO	251613N 0511518E
ALPOLB	254218N 0530055E	LOXIM	260621N 0515541E
ALPSEM	252730N 0524322E	LUBET	261441N 0510347E
ALTALM	262723N 0515639E	MIDS	264142N 0515442E
ALVSPEN	255418N 0515315E	MUDOB	261012N 0515935E
ASPAK	262115N 0522575E	MORUG	264255N 0523751E
ASTROK	264225N 0514336E	NALPO	256002N 0532945E
ASTROST	258272N 0520525E	ONBET	260313N 0534514E
BOYAN	252926N 0514849E	OBROS	261903N 0513940E
BOPAN	262021N 0514849E	ORLEK	252542N 0503712E
BOPOV	262430N 0515043E	ORLUP	260651N 0523216E
BORUK	263444N 0514281E	ORMIS	253354N 0525442E
BOTOB	263435N 0514505E	OSRIS	252801N 0521636E
BUNDU	250024N 0520292E	OVESU	254923N 0523301E
ODASLO	254537N 0523249E	OVONA	254234N 0524739E
ODASUT	261832N 0513108E	PATOM	255821N 0511839E
DATRI	262423N 0513407E	RABLA	261506N 0514834E
OEGSO	261054N 0531946E	RAGAS	263537N 0521337E
DEMIA	241926N 0513533E	RAMKI	261138N 0515625E
ENGIM	262743N 0514110E	RESAR	253707N 0522328E
ELUDU	262424N 0525133E	RIKET	261952N 0510954E
EMEXA	245025N 0513604E	ROSAN	263129N 0515220E
EMISA	254658N 0514207E	ROTAG	255633N 0536212E
ENANAO	252348N 0522559E	SENKI	254537N 0520928E
GESIT	262309N 0511036E	SIMBU	260954N 0515707E
GEXIM	261622N 0510026E	SOGAN	263512N 0515408E
GINTIO	251606N 0510416E	SOGAT	262029N 0511443E
GIYMO	262217N 0510740E	SOLOB	262214N 0513132E
HARRA	260425N 0520178E	TOLBI	262341N 0512301E
MKOM	261733N 0513944E	TOSMO	260611N 0530214E
MLMAD	261721N 0510115E	TOSNA	251612N 0524116E
MTUMB	255919N 0520222E	TOVOX	254542N 0520429E
TRJUA	261005N 0514725E	TULUB	260644N 0511041E
VAKO	260251N 0520325E	TUMAK	255031N 0531108E
KAPAX	254218N 0515118E	UKNET	262127N 0524818E
KARUG	261036N 0514614E	UNEP	255526N 0521946E
KUNID	260908N 0505452E	ULIKA	251428N 0524039E
KUKDA	261855N 0510228E	ULUBU	251454N 0530849E
KUMLA	262609N 0520822E	VAXIN	254034N 0522148E
KUNDO	261631N 0512325E	VEDED	260558N 0514628E
KUPRO	258085N 0523513E	VEDOM	260109N 0524456E
KUPSA	250445N 0512515E	VELAM	261307N 0521821E
LABOP	261907N 0520429E	VELAS	254262N 0514347E
ADEM	245455N 0513714E	VUTAN	255016N 0515218E
AEEB	244106N 0513118E		

AL-UDAID TOWER	125.500	293.650
DOHA ACC NORTH	135.725	133.725
DOHA ACC SOUTH	132.975	136.475
DOHA APPROACH WEST	119.725	125.125
DOHA APPROACH EAST	124.775	120.600
DOHA DIRECTOR WEST	123.875	119.225
DOHA DIRECTOR EAST	119.400	121.125
DOHA DIRECTOR	124.050	121.775
DOHA RADAR NORTH	121.100	121.625
DOHA RADAR SOUTH	120.675	119.150
DOHA TOWER	118.900	119.025
HAMAD TOWER EAST	118.525	118.225
HAMAD TOWER WEST	118.025	118.225

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