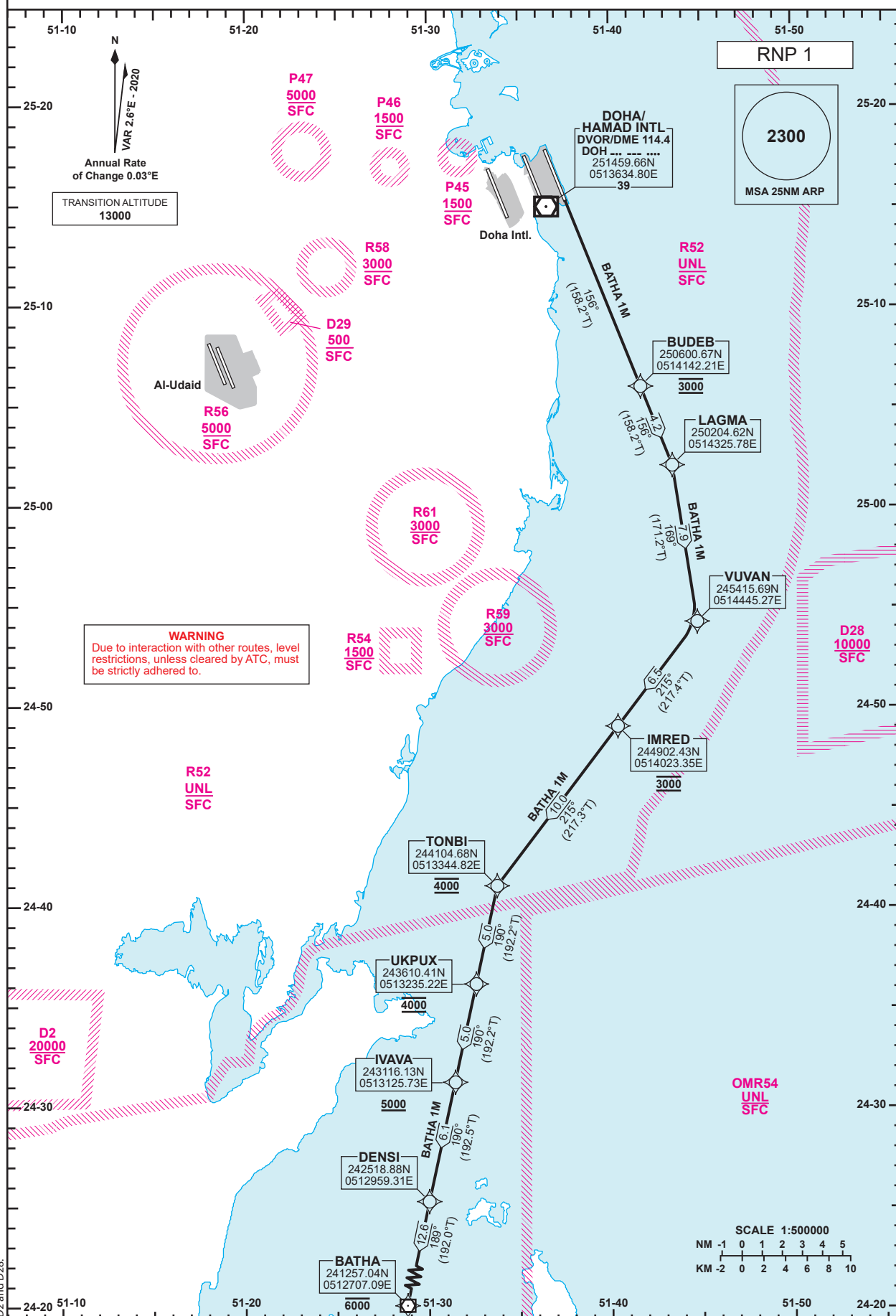


STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAODIST IN NM
BEARINGS ARE MAGNETIC
ALTITUDES AND ELEV IN FEET

DOHA RADAR	121.10
DOHA APP	119.725 / 120.60
HAMAD TWR (EAST)	118.525 / 118.225
HAMAD TWR (WEST)	118.025 / 118.225

DOHA/Hamad Intl. (OTHH)
RNP RWY 16L
BATHA 1M

Changes: Upper limit D2 and D28.

Route Designator	Routing
BATHA 1M	BUDEB[T158.2;A3000] - LAGMA - VUVAN - IMRED[A3000] - TONBI[A4000] - UKPUX[A4000] - IVAVA[A5000+] - DENSI - BATHA [A6000-]

STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAO

DOHA/Hamad Intl.(OTHH)
RNP RWY 16L
BATHA 1M

TABULAR DESCRIPTION

RNP SID BATHA 1M

Serial Num	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA(°)/ TCH(ft)	Navigation Specification
1	CF	BUDEB	-	156 (158.2)	-2.6	-		@3000			RNP 1
2	TF	LAGMA	-	156 (158.2)	-2.6	4.2		-			RNP 1
3	TF	VUVAN	-	169 (171.2)	-2.6	7.9		-			RNP 1
4	TF	IMRED	-	215 (217.4)	-2.6	6.5		@3000			RNP 1
5	TF	TONBI	-	215 (217.3)	-2.6	10.0		@4000			RNP 1
6	TF	UKPUX	-	190 (192.2)	-2.6	5.0		@4000			RNP 1
7	TF	IVAVA	-	190 (192.2)	-2.6	5.0		+5000			RNP 1
8	TF	DENSI	-	190 (192.5)	-2.6	6.1		-			RNP 1
9	TF	BATHA	-	189 (192.0)	-2.6	12.6		-6000			RNP 1

WAYPOINT LIST

RNP SID BATHA 1M

Waypoint Identifier	Coordinates
BUDEB	250600.67N 0514142.21E
LAGMA	250204.62N 0514325.78E
VUVAN	245415.69N 0514445.27E
IMRED	244902.43N 0514023.35E
TONBI	244104.68N 0513344.82E
UKPUX	243610.41N 0513235.22E
IVAVA	243116.13N 0513125.73E
DENSI	242518.88N 0512959.31E
BATHA	241257.04N 0512707.09E