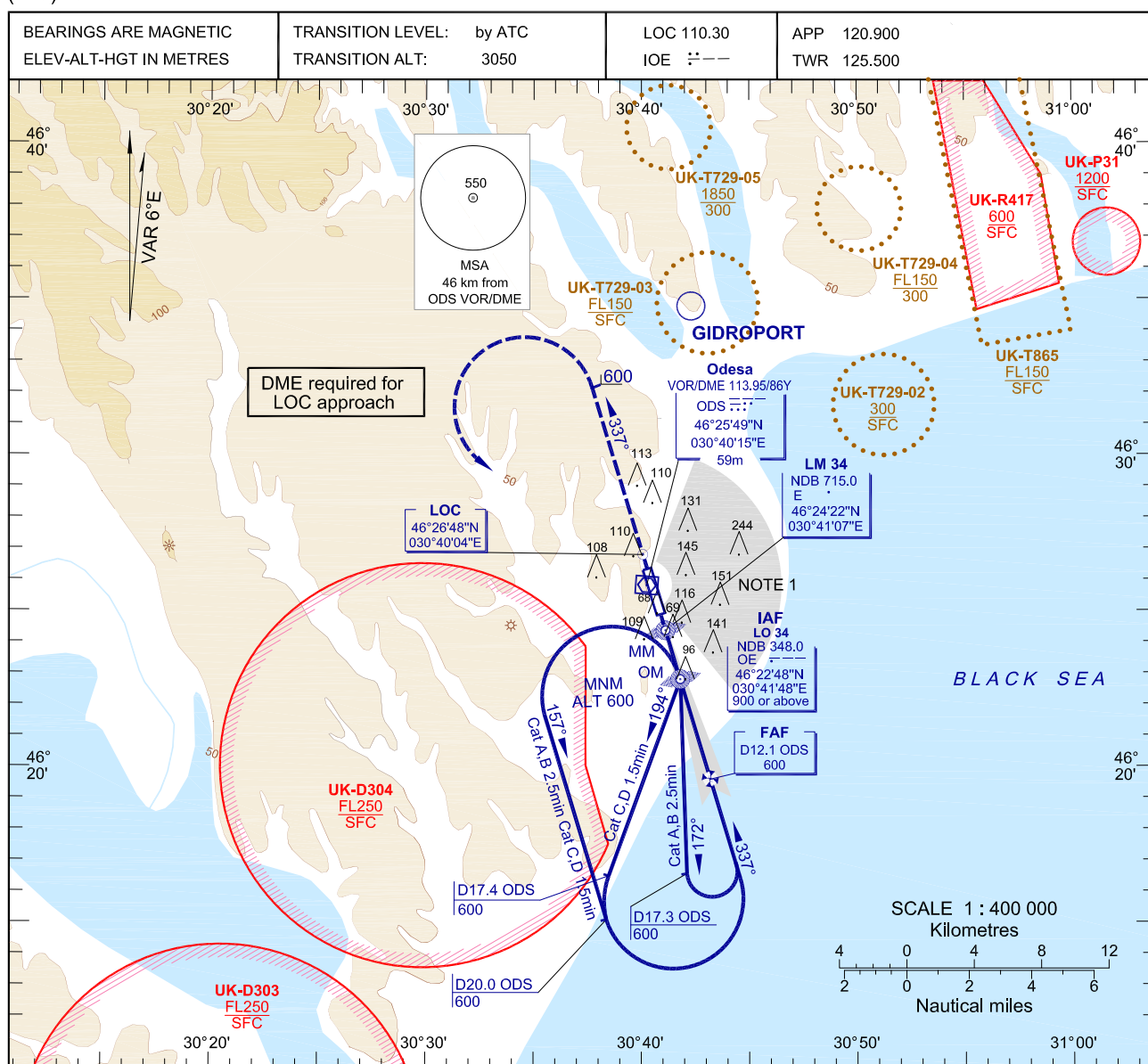


INSTRUMENT APPROACH CHART
(IAC)-ICAO

AD ELEV 52m

ODESA
ILS or LOC RWY 34

ODS DME, km	11.0	9.0	7.0	5.0
DIST THR, km	9.10	7.10	5.10	3.10
ALT(HGT), m	543(493)	438(388)	333(283)	228(178)

MISSED APPROACH:
Climb on track 337° to 600(550),
then as directed by ATC.

ILS RDH15.8
ELEV 50.4m

LOC IOE 3.71
ODS VOR/DME 1.90
MAPt LM 34 MM D2.9 ODS 1.00
SDF D4.4 ODS 2.50
IAF LO 34 OM 4.03
FAF 10.19
D12.1 ODS
GP 3.0° (5.2%)
337°
200(150)
280(230)
600 (550)

OCA/H		A	B	C	D	NOTE:				
Straight-in Approach						1. Visual manoeuvring (circling) and visual approach not authorized below 1200m within sector from R15° to R135°, from D1.5 km to D8.0 km ODS VOR/DME.				
	ILS CAT I	100(50)	103(53)	106(56)	109(59)	2. For LOC approach MAPt at LM 34 or D2.9 km ODS DME.				
	LOC	145(95)	145(95)	145(95)	145(95)	3. SDF D4.4km ODS DME for LOC Approach.				
Circling		235(185)	245(195)	365(315)	365(315)					

GROUND SPEED	km/h	150	180	210	240	270	300	330	360
LO 34 - THR 4025 m	min:s	1.37	1.21	1.09	1.00	0.54	0.48	0.44	0.40
RATE OF DESCENT	m/s	2.2	2.6	3.1	3.5	3.9	4.4	4.8	5.2