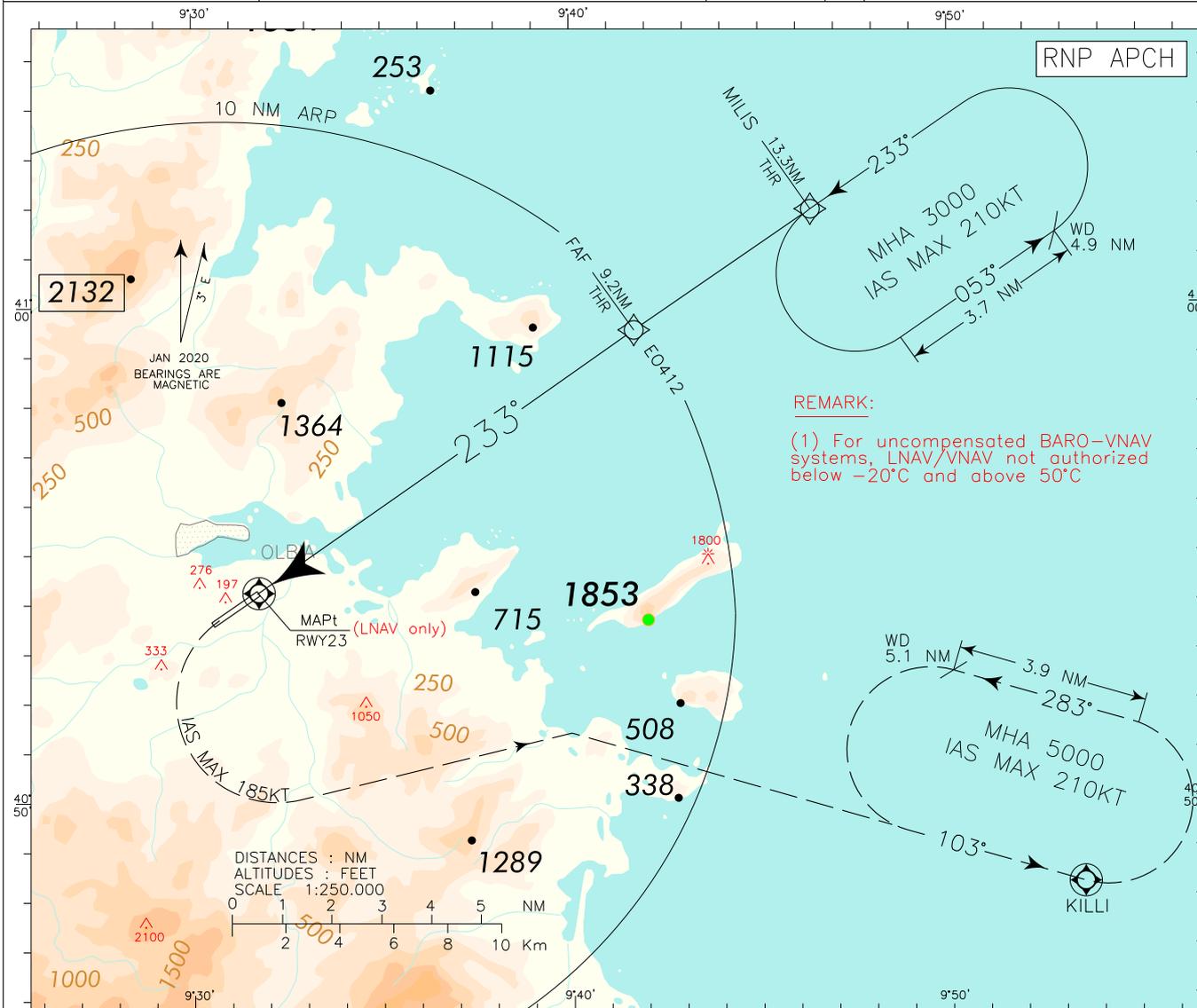


CAO - INSTRUMENT APPROACH CHART

DOC 8168 ED 6 - 2014 AMD 8

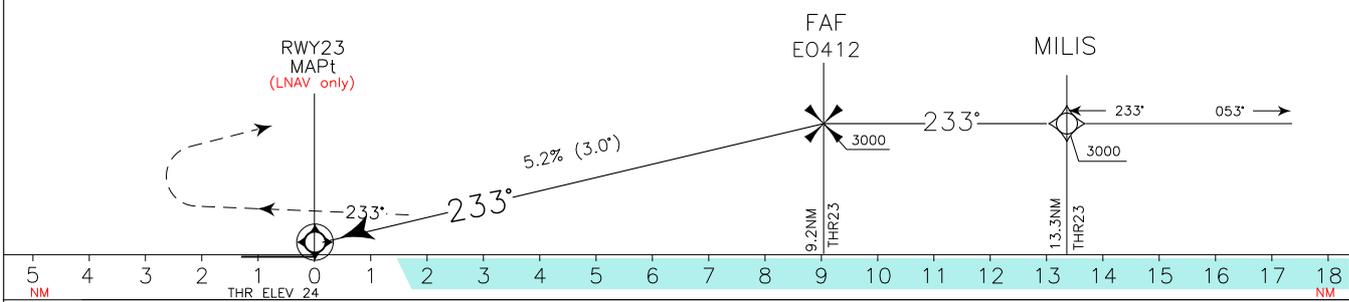
CHANGE: REVISED AND RENAMED CHART

APP Roma Radar	125.950 (127.125)	AD ELEV	L I E O	OLBIA / COSTA SMERALDA
TWR Olbia TWR	118.975	37		
ATIS Olbia Arrival and Departure Information	113.900			



**REMARK:**  
(1) For uncompensated BARO-VNAV systems, LNAV/VNAV not authorized below -20°C and above 50°C

TRANSITION ALT 6000 MISSED APPROACH: Proceed on TR 233° climbing to 5000ft. At 1050ft, not before RWY23, turn left (IAS MAX 185KT) to KILLI on course 103° (Hold with left turn, IAS MAX 210KT).  
TCH 16.50M



OCA(OCH)		A	B	C	D	CIRCLING SECTORS  <b>WARNING:</b> DURING NIGHT AND IN IMC CONDITIONS CIRCLING IS FORBIDDEN	GS	FT PER MIN	FAF-THR	DIST	ALT (HGT)	MNM SECT ALT 25NM ARP LIEO  6200
STRAIGHT IN APPROACH							THR 23		THR 23			
LNAV/VNAV		819 (795)	831 (807)	839 (815)	850 (826)	80	425	6 : 54	9	2936 (2912)		
	LNAV	1050 (1026)				100	530	5 : 31	8	2618 (2594)		
CIRCLING (* see warning)		1200 (1163)	1600 (1563)	2030 (1993)		120	635	4 : 36	7	2300 (2276)		
						140	745	3 : 57	6	1982 (1958)		
						160	850	3 : 27	5	1664 (1640)		
						180	955	3 : 04	4	1346 (1322)		

**TABULAR DESCRIPTION Olbia/Costa Smeralda RNP Z RWY23 – Instrument Approach Procedure**

Serial Number	Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	VPA/TCH	Navigation Specification
010	IF	MILIS	-	-	-	-	-	+3000	-	-	RNP APCH
020	TF	EO412		233° (235.5°)		4.1		+3000			RNP APCH
030	TF	RWY23	Y	233° (235.5°)		9.2	-	@78	-	-3°/16.5M	RNP APCH
040	CA	-		233° (235.5°)	3		-	+1050	-185	-	RNP APCH
050	CF	KILLI	Y	103° (105.8°)	3	-	L	+5000	-185		RNP APCH

Path Terminator	Waypoint Identifier	Inbound Course °M (°T)	Leg Distance (NM) (1)	Timing(min.)/ Waypoint Distance (NM) (2)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FL)	Speed Limit (kt)	Magnetic Variation (°)	Navigation Specification
HM	KILLI	103° (105.8°)	3.9	-/5.1	L	+5000	-	-210	3	RNAV 1
HM	MILIS	233° (235.5°)	3.7	-/4.9	L	+3000	-	-210	3	RNAV 1

(1) RNAV system with holding functionality

(2) RNAV system without holding functionality

**WAYPOINT LIST  
RNP Z RWY23**

Waypoint Identifier	Coordinates
EO412	40°59'35.55" N 09°41'55.70" E