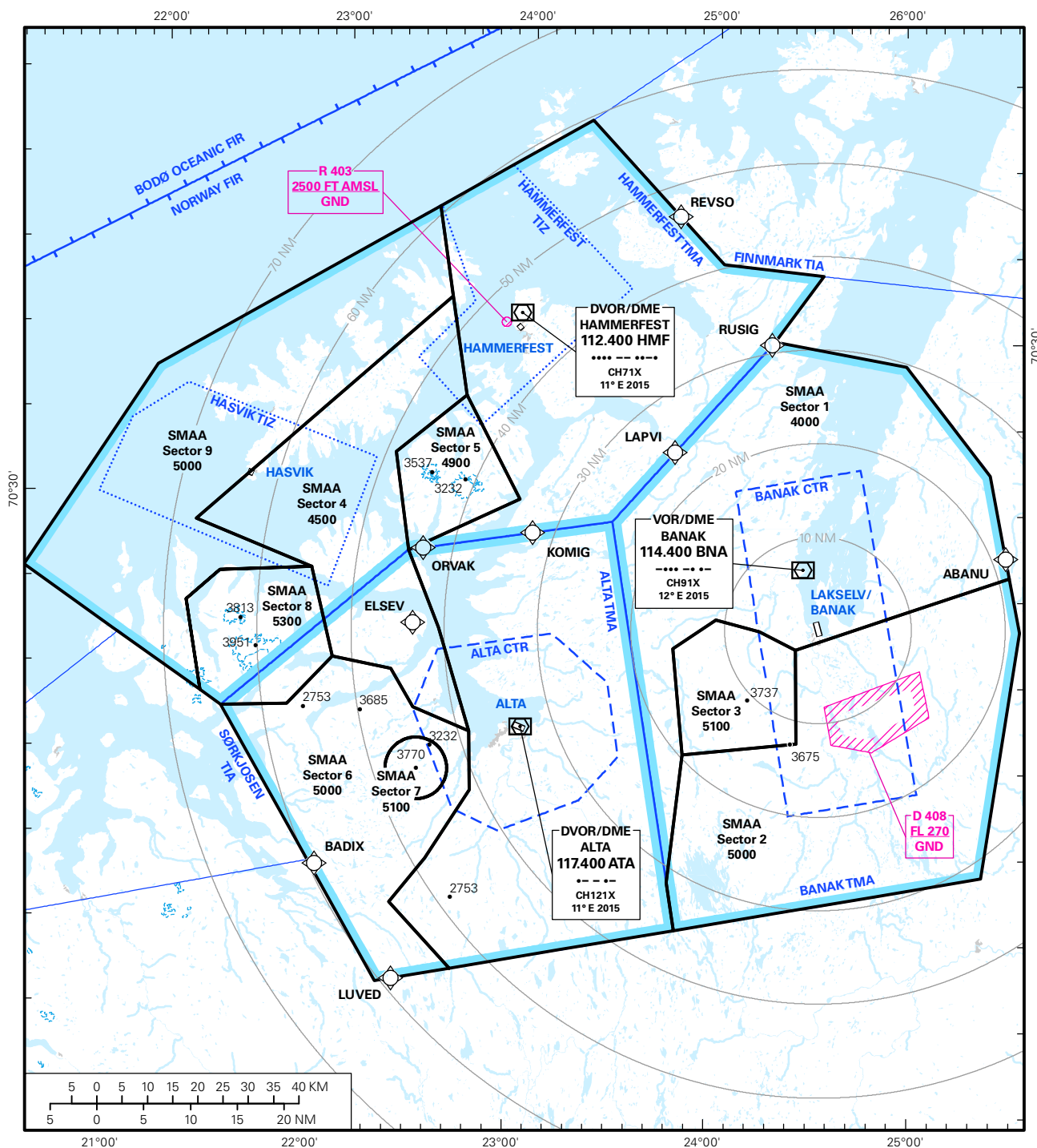


ATC SURVEILLANCE MINIMUM ALTITUDE CHART - ICAO

ATIS: 118.175	ALT AND ELEV ARE IN FT DIST IN NM	1:1 200 000	VAR: 10.6 ° E (2015)	TA 7000	ALTA NORWAY
APP: 120.400					
TWR: 120.400 118.100					
VDF: 120.400					



GENERAL INFORMATION

A Surveillance Minimum Altitude Area (SMAA) is a defined area in which the minimum safe altitudes allocated by a controller giving an ATC Surveillance service for IFR flights have been predetermined.

Altitudes shown are based on QNH.

SMAA does not constitute controlled airspace.

SMAA minimum safe altitude ensures obstacle clearance within the area concerned plus a 3.0 NM buffer area if the obstacle is within 20 NM from the radar antenna, 5.0 NM buffer area if it is farther.

Minimum safe altitude is determined by the highest obstacle elevation or the highest terrain elevation + 15 M whichever is higher, plus safety margin of 300 M (984 FT), rounded up to the next hundred feet.

TEMPERATURE CORRECTION: Minimum safe altitudes are temperature corrected down to 0 degrees Celsius.

This chart may only be used for cross-checking of assigned altitudes whilst in receipt of an ATC Surveillance service.

COMMUNICATION FAILURE: In accordance with procedures described in AIP Norway ENR 1.3, para 5.

Coordinates for SMAAs are listed overleaf.

CHANGES: NEW CHART.

SURVEILLANCE MINIMUM ALTITUDE COORDINATES	
SMAA Sector 1	MIN ALT: 4000 FT
704400N 0244800E – Along Hammerfest TMA2 - 703500N 0250000E – Along Banak TMA - 700554N 0260000E - 700218N 0245030E - 700450N 0244022E - 700649N 0242731E - 700430N 0241252E - 695312N 0241042E - 694000N 0240000E – Along Alta TMA3 - 693409N 0225048E - 694200N 0223500E - 694605N 0224739E - 695243N 0230358E - 695856N 0230612E - 701016N 0230108E - 701854N 0225503E - 702238N 0233208E - 703423N 0232004E - 705445N 0232004E – Along Hammerfest TMA1 – (704400N 0244800E)	
SMAA Sector 2	MIN ALT: 5000 FT
700218N 0245030E - 700554N 0260000E – Along Banak TMA - 694000N 0240000E - 695312N 0241042E - 695227N 0244557E – (700218N 0245030E)	
SMAA Sector 3	MIN ALT: 5100 FT
700218N 0245030E - 695227N 0244557E - 695312N 0241042E - 700430N 0241252E - 700649N 0242731E - 700450N 0244022E – (700218N 0245030E)	
SMAA Sector 4	MIN ALT: 4500 FT
704503N 0232004E - 703423N 0232004E - 702925N 0225517E - 701854N 0225503E - 701016N 0230108E - 695856N 0230612E - 700215N 0224957E - 700638N 0224444E - 700841N 0222707E - 701827N 0222408E - 702459N 0214933E – (704503N 0232004E)	
SMAA Sector 5	MIN ALT: 4900 FT
703423N 0232004E - 702238N 0233208E - 701854N 0225503E - 702925N 0225517E – (703423N 0232004E)	
SMAA Sector 6	MIN ALT: 5000 FT
695856N 0230612E - 695243N 0230358E - 694605N 0224739E - 694200N 0223500E - 693409N 0225048E – Along Alta TMA3 - 694730N 0221142E – Along Alta TMA1 - 700500N 0215036E - 700418N 0221111E - 700841N 0222707E - 700638N 0224444E - 700215N 0224957E – (695856N 0230612E) Except the 3.3 NM radius circle centre on 695545N 0224830E	
SMAA Sector 7	MIN ALT: 5100 FT
3.3 NM radius circle centre on 695545N 0224830E	
SMAA Sector 8	MIN ALT: 5300 FT
701827N 0222408E - 700841N 0222707E - 700418N 0221111E - 700500N 0215036E – Along Hammerfest TMA2 - 700648N 0214444E - 701633N 0214334E - 701917N 0215512E – (701827N 0222408E)	
SMAA Sector 9	MIN ALT: 5000 FT
705445N 0232004E - 704503N 0232004E - 702459N 0214933E - 701827N 0222408E - 701917N 0215512E - 701633N 0214334E - 700648N 0214444E – Along Hammerfest TMA2 - 704751N 0222720E – Along Hammerfest TMA1 – (705445N 0232004E)	