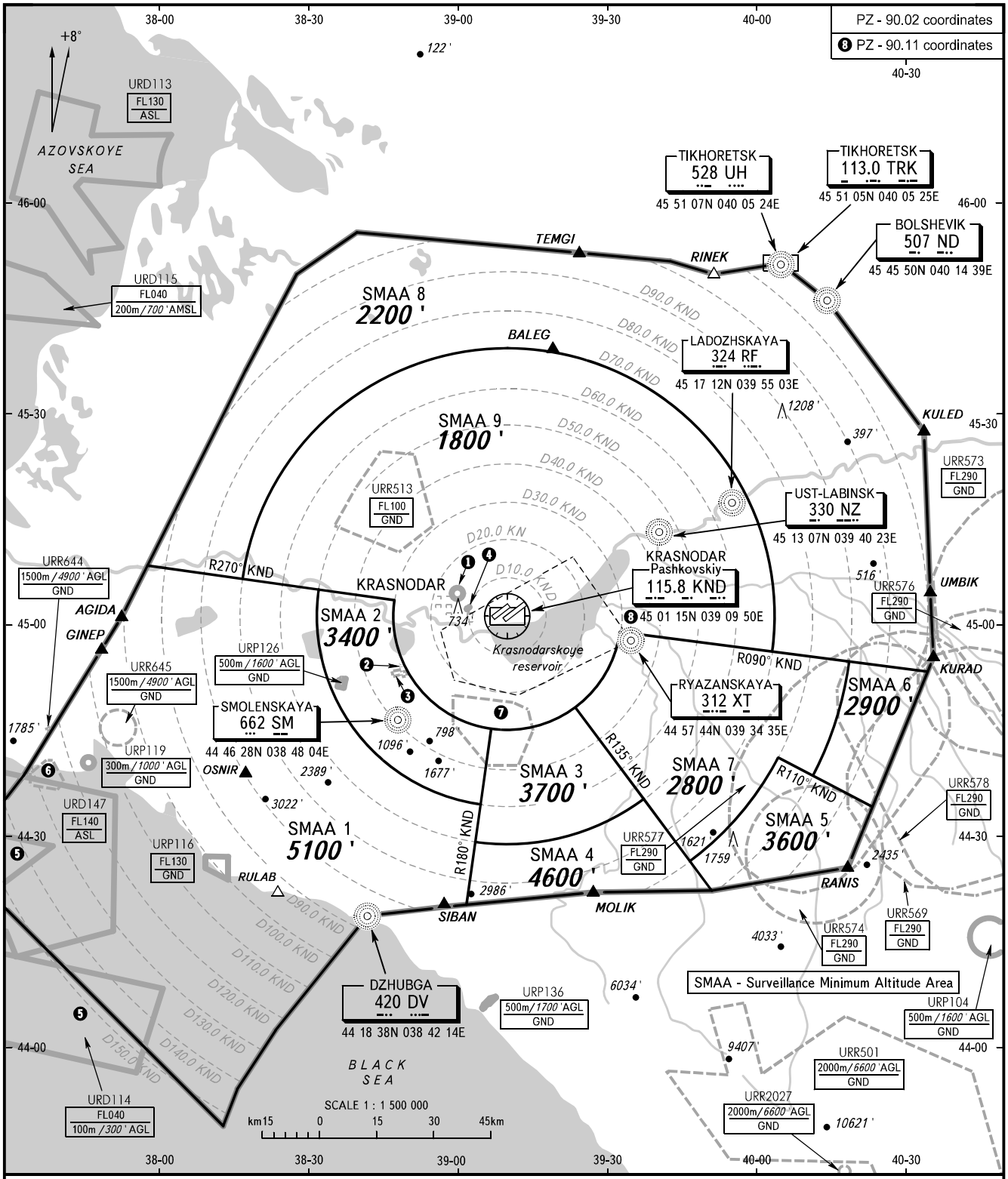
ATC SURVEILLANCE MINIMUM ALTITUDE CHART - ICAO

ELEV
120 '/36m

TRANSITION ALTITUDE: 4000 '
TRANSITION HEIGHT: (1185)

KRASNODAR, RUSSIA

PASHKOVSKIY



APPROACH	Sector EAST	129.600
	Sector WEST	127.700
RADAR		121.300
TOWER		118.200

NOTE:

1. The chart may only be used for cross-checking of altitudes assigned while the aircraft is under radar control.
2. When vectoring is carried out under low-temperature conditions, minimum vectoring altitudes for IFR flight must be corrected by altimeter temperature correction, if necessary.

BEARINGS AND TRACKS ARE MAGNETIC
ALTITUDES AND ELEVATIONS IN *FEET*
DISTANCES IN KILOMETRES

Alt set: -QNH(QFE on req);
-hPa(mm on req).

CHANGE: Heading, URP, URR, URD

SURVEILLANCE MINIMUM ALTITUDE AREAS		
IDENT	MNM ALT (ft)	LATERAL LIMITS (PZ-90.11 coordinates)
SMAA 1	5100	450454.8N 0383205.6E, then anticlockwise by arc of circle radius of 50 KM centred at 450115.5N 0390950.4E to 443430.7N 0390434.9E – 442015.6N 0390148.8E, then along Krasnodar/Pashkovskiy TMA boundary to 450803.1N 0375743.5E – 450454.8N 0383205.6E.
SMAA 2	3400	450454.8N 0383205.6E – 450328.5N 0384712.1E, then anticlockwise by arc of circle radius of 30 KM centred at 450115.5N 0390950.4E to 444512.7N 0390640.5E – 443430.7N 0390434.9E, then clockwise by arc of circle radius of 50 KM centred at 450115.5N 0390950.4E to 450454.8N 0383205.6E.
SMAA 3	3700	444512.7N 0390640.5E – 442909.7N 0390332.4E, then anticlockwise by arc of circle radius of 60 KM centred at 450115.5N 0390950.4E to 443513.8N 0393657.7E – 444812.7N 0392330.0E, then clockwise by arc of circle radius of 30 KM centred at 450115.5N 0390950.4E to 444512.7N 0390640.5E.
SMAA 4	4600	443513.8N 0393657.7E, then clockwise by arc of circle radius of 60 KM centred at 450115.5N 0390950.4E to 442909.7N 0390332.4E – 442015.6N 0390148.8E, then along Krasnodar/Pashkovskiy TMA boundary to 442209.0N 0395019.2E – 443513.8N 0393657.7E.
SMAA 5	3600	442209.0N 0395019.2E, then along Krasnodar/Pashkovskiy TMA boundary to 443346.9N 0402223.4E – 444102.5N 0400331.6E, then clockwise by arc of circle radius of 80 KM centred at 450115.5N 0390950.4E to 442631.9N 0394554.8E – 442209.0N 0395019.2E.
SMAA 6	2900	445409.5N 0401734.3E, then clockwise by arc of circle radius of 90 KM centred at 450115.5N 0390950.4E to 443829.1N 0401011.5E – 443346.9N 0402223.4E, then along Krasnodar/Pashkovskiy TMA boundary to 445223.2N 0403330.0E – 445409.5N 0401734.3E.
SMAA 7	2800	445857.9N 0393226.9E, then clockwise by arc of circle radius of 30 KM centred at 450115.5N 0390950.4E to 444812.7N 0392330.0E – 442630.8N 0394552.7E, then anticlockwise by arc of circle radius of 80 KM centred at 450115.5N 0390950.4E to 444102.5N 0400331.6E – 443829.1N 0401011.5E, then anticlockwise by arc of circle radius of 90 KM centred at 450115.5N 0390950.4E to 445409.5N 0401734.3E – 445857.9N 0393226.9E.
SMAA 8	2200	450619.0N 0381658.3E – 450803.2N 0375743.5E, then along Krasnodar/Pashkovskiy TMA boundary to 445223.2N 0403330.0E – 445547.6N 0400232.7E, then anticlockwise by arc of circle radius of 70 KM centred at 450115.5N 0390950.4E to 450619.0N 0381658.3E.
SMAA 9	1800	450328.5N 0384712.1E – 450619.0N 0381658.3E, then clockwise by arc of circle radius of 70 KM centred at 450115.5N 0390950.4E to 445547.6N 0400232.7E – 445858.0N 0393226.9E, then clockwise by arc of circle radius of 30 KM centred at 450115.5N 0390950.4E to 450328.5N 0384712.1E.