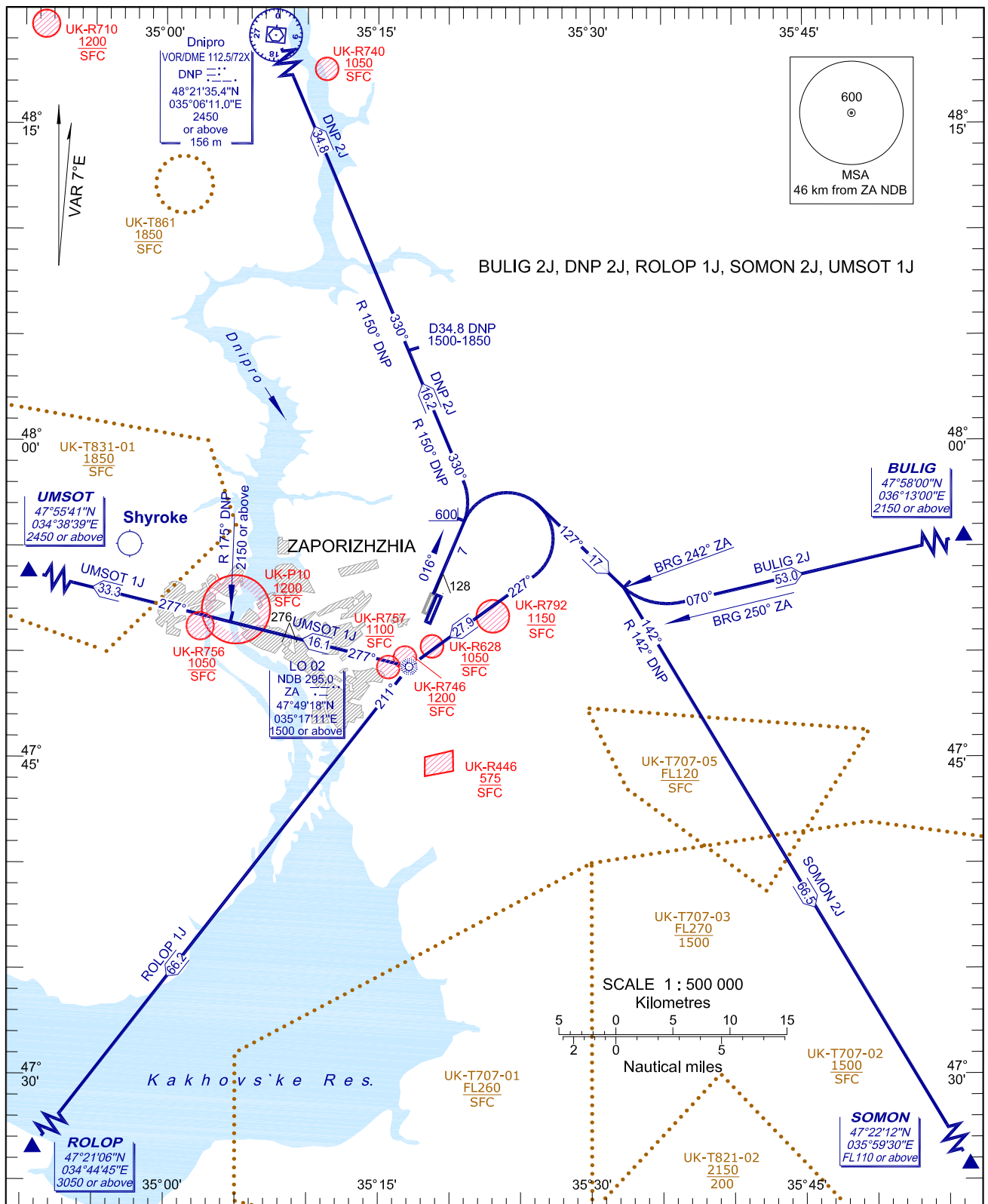


STANDARD DEPARTURE CHART
INSTRUMENT (SID)-ICAOTRANSITION LEVEL: by ATC
TRANSITION ALT: 3050TWR 118.200
Radar 119.200ZAPORIZHZHIA/Mokraya
GRASS RWY 02

NOTE:

1. Close-in obstacles straight ahead on the right side (trees) altitude 128m at distance 456m from threshold GRASS RWY 20R.
2. Minimum climb gradient for DNP 2J 6% up to 1500m. If unable advise ATC.
3. Statistical data of ACFT performance are used for determination of the average flight path of the SID procedures.

BEARINGS AND TRACKS ARE MAGNETIC
ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN METRES
DISTANCES ARE IN KILOMETRES

SID GRASS RWY 02

Designator	Route	Altitude	Remarks
BULIG 2J BULIG TWO JULIET	Climb on track 016° to 600, turn RIGHT on track 127° to intercept BRG 242° ZA NDB, then turn LEFT on track 070° to BULIG	Cross BULIG at 2150 or above	nil
DNP 2J Dnipro TWO JULIET	Climb on track 016° to 600, turn LEFT on track 330° to DNP VOR/DME	Cross D34,8 DNP DME at 1500-1850, DNP VOR/DME at 2450 or above	Minimum climb gradient 6% up to 1500m. If unable advise ATC.
ROLOP 1J ROLOP ONE JULIETT	Climb on track 016° to 600, turn RIGHT on track 227° to ZA NDB, then turn LEFT on track 211° from ZA NDB to ROLOP	Cross ZA NDB at 1500 or above, ROLOP at 3050 or above	nil
SOMON 2J SOMON TWO JULIET	Climb on track 016° to 600, turn RIGHT on track 127° to intercept R142° DNP VOR, then turn RIGHT on track 142° (R142° DNP VOR) to SOMON	Cross SOMON at FL110 or above	nil
UMSOT 1J UMSOT ONE JULIET	Climb on track 016° to 600, turn RIGHT on track 227° to ZA NDB, then turn RIGHT on track 277° from ZA NDB to UMSOT	Cross ZA NDB at 1500 or above, R175° DNP VOR at 2150 or above, UMSOT at 2450 or above	nil