



IMO rezolucija A.751(18)

IMO Manoeuvring Criteria for Ships Longer than 100 m

TURNING ABILITY AT 35 DEG RUDDER ANGLE

- Advance $AD < 4.5 L_{PP}$
- Tactical Diameter $TD < 5 L_{PP}$

COURSE INITIATING ABILITY AT 10 DEG RUDDER ANGLE

- Travelled Distance $x_a < 2.5 L_{PP}$ at 10 deg
change of heading

COURSE CHANGING ABILITY

Z-10/10 Manoeuvre:

- First Overshoot $\psi_{OS} < 10$ deg if $L_{PP}/U < 10$
sec
- First Overshoot $\psi_{OS} < 20$ deg if $L_{PP}/U > 30$
sec
- First Overshoot $\psi_{OS} < (5 + 0.5 L_{PP}/U)$ deg for 10
sec $< L_{PP}/U < 30$ sec
- Second Overshoot $\psi_{OP} < \psi_{OS} + 15$ deg

Z-20/20 Manoeuvre

- First Overshoot $\psi_{OS} < 25$ deg

STOPPING ABILITY

- Track Reach $TR < 15 L_{PP}$