

MK II FORMOZA 550 navigation characteristic

sea state [-]	wave height [m]	transverse stability	longitudinal stability	directional stability	maneuverability	NOTES
0	0	A	A	5	5	referencial conditions
1	0,0-0,1	A	A	5	4	Kayak work stable in amplitude range, water does not penetrate to the upper deck, possible rowing with open cockpit
2	0,1-0,5	B	A	4	4	Kayak work stable in amplitude range, water does not penetrate to the upper deck, possible rowing with open cockpit
3	0,5-1,25	B	B	3	3	Kayak work stable in amplitude range, water penetrates on the upper deck, rowing with open cockpit not possible, spraycover is necessary
4	1,25-2,5	C	B	2	2	Kayak work stable in amplitude range, water penetrates on the upper deck, rowing with open cockpit not possible, spraycover is necessary. Particular caution and coordination should be used to avoid overturning the kayak. Under these conditions only advanced operators can effectively and relatively safely navigate.
5	2,5-4,0	no data	no data	no data	no data	no data
6	4,0-6,0	no data	no data	no data	no data	no data
7	6,0-9,0	no data	no data	no data	no data	no data
8	9,0-14,0	no data	no data	no data	no data	no data
9	over 14	no data	no data	no data	no data	no data

The study was conducted on 6 test kayaks in Baltic waters on the Gdynia - Bornholm route over a period of 2 weeks by a group of Maritime Special Forces

A - amplitude swing 0 ° / referencial conditions

B - amplitude swing 10°-15 °

C - amplitude swing 15°-35 °

5 - very good

4 - good

3 - sufficient

2 - difficult

1 - very difficult

NOTE: This table only indicates the user rating and does not constitute a specification for the purposes of hydrodynamics. In the evaluation, it used its own scale to give the kayak operating performance. In the case of such small vessels, detailed hydrodynamic studies are not carried out