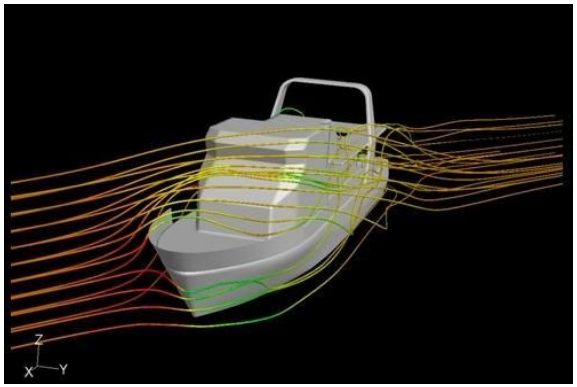
Reference List

Motor Yachts and Sailing Vessels

Model tests and numerical analyses



SHIP DESIGN AND RESEARCH CENTRE S.A.

Ship Hydromechanics Division

	SHIP TYPE	L_{PP} [m]	B [m]	T [m]	YEAR	SCOPE OF WORK	DESIGNER / SHIPBUILDER
1.	**Motor Yacht**	65.0	10.8	3.7	2005	Resistance	Turkish
2.	**Sailing Yacht**	13.3	4.6	2.2	2006	CFD keel optimisation Calm water tests Motion tests in waves	Polish
3.	**Sail Cruise Vessel**	130.0	18.5	6.0	2007	CFD hull and appendages optimisation Resistance Propulsion Streamlines Wake	Polish/Spanish
4.	**Motor Yacht**	63.0	11.7	3.5	2007	Resistance with/without appendages Fin stabiliser's optimisation	Turkish
5.	**Motor Yacht**	53.6	11.3	3.4	2007	CFD hull and appendages optimisation Resistance Propulsion Sea-keeping	Turkish
6.	**Motor Yacht**	52.0	8.1	2.5	2007	Resistance Propulsion Wake	Turkish
7.	**Motor Yacht**	54.0	10.9	3.4	2007	CFD hull and appendages optimisation Resistance Propulsion Sea-keeping	Turkish

Ship Design and Research Centre S.A. | **Ship Hydromechanics Division**
Szczecińska 65 Str., 80-392, Gdańsk, Poland
tel (+48 58)5561125, fax: (+48 58)5531643, e-mail: modbas@cto.gda.pl

	SHIP TYPE	L_{PP} [m]	B [m]	T [m]	YEAR	SCOPE OF WORK	DESIGNER / SHIPBUILDER
8.	**Motor Yacht**	57.0	11.0	3.3	2007	CFD hull and appendages optimisation Resistance Propulsion Sea-keeping	Turkish
9.	**Motor Yacht**	59.6	11.0	3.5	2008	CFD hull optimisation	Turkish
10.	**Motor Yacht**	60.7	12.0	3.6	2008	CFD hull optimisation Preliminary propeller design Resistance Propulsion Sea-keeping	Turkish
11.	**Expedition Ship**	82.0	15.5	4.9	2008	CFD optimisation of hull Sea-keeping (numerical analyses)	Monaco
12.	**Motor Yacht**	63.3	12.8	3.9	2008	CFD hull optimisation Resistance Propulsion	Turkish
13.	**Motor Yacht**	52.0	8.1	2.5	2009	Cavitation	Turkish
14.	**Motor Yacht**	61.2	11.1	3.9	2009	CFD hull optimisation Resistance Propulsion Wake Streamline	Turkish

	SHIP TYPE	L_{PP} [m]	B [m]	T [m]	YEAR	SCOPE OF WORK	DESIGNER / SHIPBUILDER
15.	**Motor Yacht**	60.7	12.1	3.9	2009	CFD hull optimisation Resistance Propulsion Wake	Turkish
16.	**Motor Yacht**	15.8	4.7	1.7	2009	CFD and vibration analyses of the existing vessel plus design conversion (in order to reduce noise/vibrations)	Polish
17.	**Motor Yacht**	39.6	8.2	2.8	2010	CFD hull optimisation Resistance Streamline Sea-keeping	Dutch
18.	**Motor Yacht**	39.0	9.0	2.4	2010	CFD hull optimisation Resistance Computational propulsion prediction Streamline	Turkish
19.	**65 knots Power Boat (water jet propulsion)**	16.0	4.8	0.9	2011	Resistance Trim optimisation Sea-keeping	UK