

Offsets File: 28JKR-hydro.OFE

Description: Made by MSURF from model 28JKR-HY 05-Oct-2015 14:56:59

Date: 06/10/2015 Time: 13:47:32

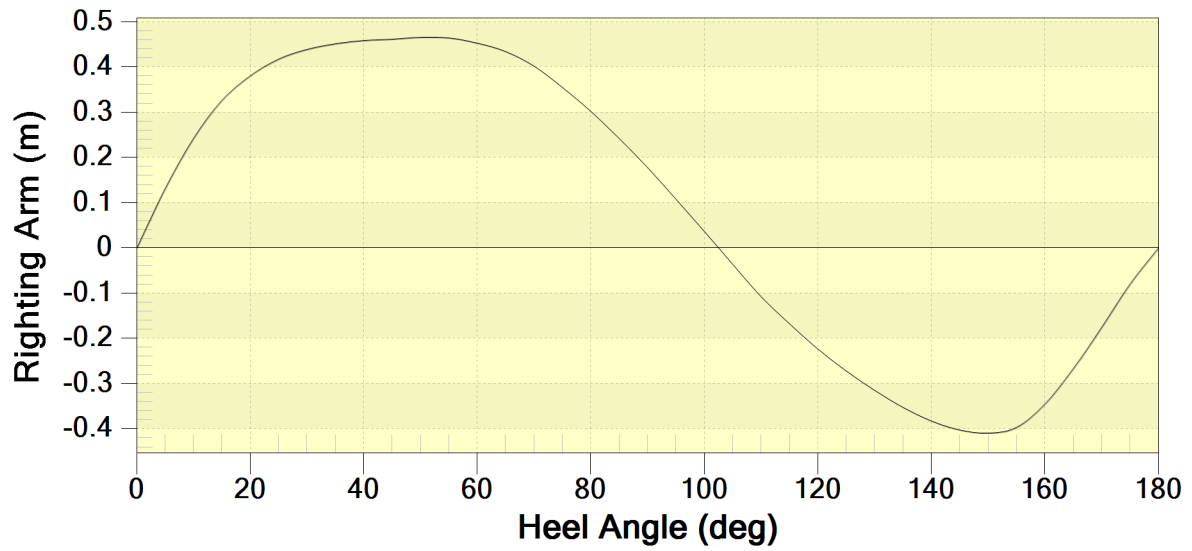
XCG: 4.237 m

YCG: 0.000 m

ZCG: 0.340 m

Displacement: 1030.00 kg

### Righting Arm Curve



## Stability Table

Heel (deg)	Sink (m)	Trim (deg)	YCB (m)	ZCB (m)	Arm (m)
0	-0.025	0.000	0.000	-0.110	0.000
5	-0.030	0.000	-0.171	-0.103	0.131
10	-0.046	0.000	-0.321	-0.083	0.242
15	-0.072	0.000	-0.443	-0.057	0.325
20	-0.107	0.000	-0.539	-0.026	0.381
25	-0.149	0.000	-0.616	0.005	0.417
30	-0.198	0.000	-0.681	0.039	0.439
35	-0.251	0.000	-0.737	0.075	0.451
40	-0.309	0.000	-0.787	0.114	0.458
45	-0.371	0.000	-0.835	0.157	0.461
50	-0.437	0.000	-0.881	0.207	0.465
55	-0.503	0.000	-0.922	0.261	0.464
60	-0.568	0.000	-0.954	0.311	0.452
65	-0.630	0.000	-0.980	0.362	0.434
70	-0.690	0.000	-0.998	0.404	0.402
75	-0.746	0.000	-1.009	0.437	0.355
80	-0.799	0.000	-1.015	0.468	0.302
85	-0.846	0.000	-1.019	0.494	0.242
90	-0.887	0.000	-1.020	0.517	0.177
95	-0.922	0.000	-1.019	0.537	0.108
100	-0.950	0.000	-1.017	0.556	0.036
105	-0.973	0.000	-1.013	0.573	-0.037
110	-0.990	0.000	-1.007	0.592	-0.107
115	-1.005	0.000	-0.996	0.618	-0.169
120	-1.017	0.000	-0.980	0.648	-0.224
125	-1.025	0.000	-0.960	0.680	-0.272
130	-1.028	0.000	-0.935	0.713	-0.315
135	-1.026	0.000	-0.905	0.746	-0.353
140	-1.020	0.000	-0.868	0.779	-0.383
145	-1.010	0.000	-0.823	0.814	-0.403
150	-0.997	0.000	-0.767	0.850	-0.409
155	-0.982	0.000	-0.692	0.888	-0.396
160	-0.967	0.000	-0.584	0.933	-0.346
165	-0.952	0.000	-0.446	0.976	-0.266
170	-0.934	0.000	-0.295	1.009	-0.175
175	-0.913	0.000	-0.141	1.030	-0.080
180	-0.897	0.000	0.000	1.036	0.000

## Stability Table

Heel (deg)	R.M. (kg-m)	Dynamic (kg-m)	WL Beam (m)	WP Area (m <sup>2</sup> )	WS Area (m <sup>2</sup> )
0	0.00	0.00	1.837	9.740	12.193
5	135.32	5.99	1.796	9.535	11.993
10	249.76	22.99	1.684	9.021	11.490
15	334.77	48.71	1.555	8.384	10.830
20	392.71	80.63	1.437	7.783	10.169
25	429.53	116.64	1.353	7.298	9.679
30	451.98	155.18	1.298	6.993	9.299
35	464.90	195.25	1.386	6.770	8.997
40	471.43	236.14	1.495	6.649	8.755
45	474.86	277.44	1.633	6.625	8.578
50	478.59	319.03	1.811	6.657	8.408
55	477.98	360.85	2.045	6.275	8.227
60	465.16	402.06	2.352	5.986	8.049
65	446.98	441.90	2.683	5.722	7.668
70	413.83	479.67	1.079	5.433	7.443
75	365.76	513.74	1.042	5.215	7.389
80	311.12	543.32	1.012	5.000	7.407
85	249.68	567.83	0.989	4.649	7.552
90	182.48	586.72	0.972	4.376	7.662
95	111.05	599.56	0.957	4.169	7.752
100	36.94	606.03	0.950	4.038	7.795
105	-38.41	605.97	1.026	3.996	7.855
110	-110.67	599.41	1.218	4.170	8.080
115	-174.23	586.92	1.242	4.352	8.282
120	-230.29	569.22	1.261	4.487	8.408
125	-279.92	546.91	1.286	4.594	8.486
130	-324.29	520.53	1.280	4.615	8.545
135	-363.34	490.47	1.312	4.738	8.625
140	-394.20	457.35	1.359	4.821	8.630
145	-414.85	421.96	1.426	4.942	8.649
150	-421.37	385.35	1.523	5.141	8.681
155	-407.48	349.01	1.715	5.455	8.775
160	-356.48	315.39	1.863	5.918	9.001
165	-274.32	287.71	1.957	6.149	8.933
170	-179.93	267.84	1.975	6.335	8.895
175	-82.48	256.42	2.001	6.458	9.003
180	0.00	253.04	2.118	6.239	8.997