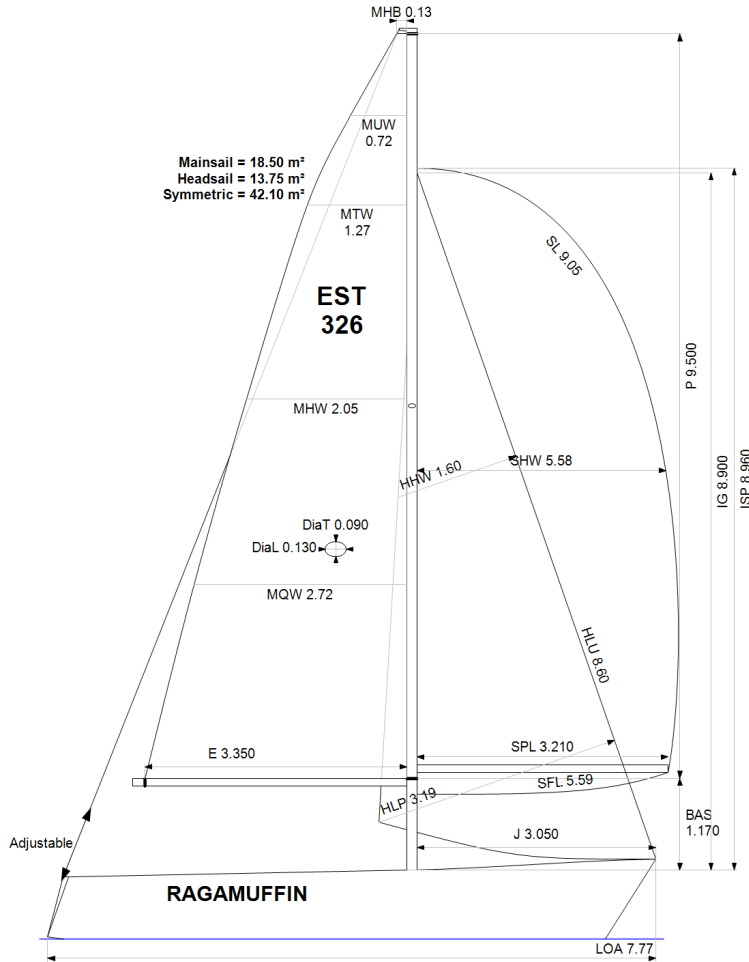


**GPH = 732.6** **CDL = 6.546**



**BOAT**

Class **ALBIN EXPRESS**  
Designer **PETER NORLIN**  
Builder **Albin Marin**  
Age Date **01/1979**  
Series Date **01/1978**  
Offset File **L0016.bof**

**HULL**

Length Overall **7.770 m**  
Maximum Beam **2.524 m**  
Draft **1.440 m**  
Displacement **1,900 kg**  
DLR **5.5547**  
IMS Division **Sportboat**  
Dynamic Allowance **0.226%**  
Age Allowance **0.487%**

**PROPELLER**

Installation **No Propeller**  
Type **N/A**  
Diameter **N/A**

**CREW**

Maximum weight **365 kg**  
Minimum weight **274 kg** \* when applied  
Non Manual Power **No**  
Crew Arm Extension

**SAIL AREAS (m²)**

	Measured	Rated
Mainsail	<b>18.50</b>	<b>18.84</b>
Headsail Luffed	<b>13.75</b>	<b>13.75</b>
Headsail Flying		
Symmetric	<b>42.10</b>	<b>42.10</b>
Asymmetric		

**SAIL LIMITATIONS**

Headsails **5** \* Woven polyester sails  
Spinnakers **4**

**STABILITY**

Righting Moment **33.7 kg·m**  
Stability Index **N/A**

**COMMENTS**

Kaal koos päramootoriga ahtril 27,5 kg

**OWNER**

Rated boat velocities in knots							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	43.5°	42.0°	41.3°	39.4°	38.6°	38.3°	39.4°
Beat VMG	2.85	3.42	3.88	4.21	4.35	4.38	4.33
52°	4.37	5.18	5.70	5.97	6.11	6.15	6.15
60°	4.62	5.45	5.87	6.11	6.26	6.35	6.37
75°	4.80	5.63	6.01	6.24	6.45	6.64	6.82
90°	4.97	5.84	6.24	6.48	6.62	6.79	7.22
110°	5.01	5.91	6.31	6.69	7.08	7.36	7.70
120°	4.86	5.80	6.25	6.61	7.03	7.45	8.13
135°	4.38	5.32	6.00	6.36	6.74	7.16	8.12
150°	3.69	4.64	5.48	6.05	6.38	6.73	7.53
Run VMG	3.19	4.02	4.77	5.46	5.97	6.30	6.99
Gybe Angles	148.0°	152.0°	153.0°	170.0°	180.0°	180.0°	180.0°

The owner certifies that he/she understands his/her responsibilities under ORC Rule and Regulations.

Time Allowances in secs/NM							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1262.3	1051.4	928.8	854.2	827.5	822.2	831.6
52°	824.4	695.0	631.5	603.0	589.6	584.9	585.5
60°	779.9	660.7	613.0	589.5	574.7	567.1	565.2
75°	749.4	639.6	599.3	576.9	557.8	541.8	528.1
90°	724.3	616.2	577.3	555.4	543.5	530.0	498.3
110°	718.2	609.6	570.1	537.8	508.8	489.2	467.3
120°	741.4	620.9	576.4	544.2	512.0	483.1	442.6
135°	822.6	677.3	599.7	566.2	534.4	502.9	443.3
150°	976.0	776.3	657.2	595.3	564.6	535.1	478.2
Run VMG	1127.0	896.1	754.9	659.8	602.9	571.3	515.2
Selected Courses							
Windward / Leeward	1194.7	973.7	841.8	757.0	715.2	696.7	673.4
All purpose	916.6	759.6	677.8	629.4	601.3	584.3	560.8

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	799.0	0.7510
All purpose	652.9	0.9190

### Custom scoring options for Estonia

Single Number	Time On Distance	Time On Time
Coastal/Long Distance	711.1	0.8438
Triple Number Coastal/Long Distance Low	838.1	0.7159
Triple Number Coastal/Long Distance Medium	649.4	0.9240
Triple Number Coastal/Long Distance High	579.8	1.0349
Triple Number Windward/Leeward Low	1084.2	0.5534
Triple Number Windward/Leeward Medium	792.9	0.7567
Triple Number Windward/Leeward High	692.6	0.8663

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	1187.9	912.7	760.6	670.1	625.0	591.4	534.1

