

HULL MEASUREMENTS

| | | |
|-----|-------|--|
| | [m] | |
| Lt | 24,05 | |
| B | 5,04 | |
| Fa | 3,07 | |
| Fp | 3,04 | |
| Bl | 4,90 | |
| Fb1 | 1,29 | |
| Fb2 | 1,02 | |
| P1 | 1,26 | |
| P2 | 1,93 | |
| P3 | 1,24 | |
| P4 | 0,83 | |

RIG MEASUREMENTS

| | | |
|-----|-------|--|
| | [m] | |
| I | 26,75 | |
| J | 8,55 | |
| HLU | 26,50 | |
| HLP | 10,88 | |
| P | 25,45 | |
| E | 10,40 | |
| Es | | |
| F | | |
| Ef | | |
| mP | 11,95 | |
| mE | 4,40 | |
| mEs | | |
| mF | | |
| mEf | | |
| Dm | | |
| Hm | | |
| Ht | | |
| Lp | | |

CALCULATED DIMENSIONS & COEFFICIENTS

| | | | |
|-------------------------|---------|---------------------------|--------|
| Fore-triangle Spo [m2] | 182,970 | Rated Length (Ls) [m] | 19,162 |
| Fore-triangle Spa [m2] | 144,160 | average rated depth (Pmc) | 1,233 |
| Main sail [m2] | 132,340 | rated depth (Ps) | 3,523 |
| Main Top-sail [m2] | | rated beam (Bj) | 4,998 |
| Foremast sails [m2] | | rig coefficient (Ca) | 0,880 |
| Mizzen sail [m2] | 26,290 | Class coefficient (Cb) | 0,000 |
| Mizzen Top-sail [m2] | | Age Parameter (Pe) | -0,025 |
| Mizzen Staysail [m2] | | Equipment (Pv) | 0,010 |
| Sail Surface (Spv) [m2] | 314,433 | Bottom Profile (Pp) | 0,940 |
| Rig aspect ratio (Sf) | 0,902 | Correction (Cc) | 1,000 |
| Use of downwind sail | Yes | Authenticity (Co) | 0,936 |

EQUIPMENT & FITTINGS

| | | |
|------------------|--------------------------------|---|
| Centerboard : | sliding | |
| | with tab | |
| | modified (bulbe or ballast) | |
| Rudder : | modified | |
| Propeller Axis : | absent | |
| | in centerline position | x |
| | in lateral position | |
| | 2 propeller axis | |
| Propeller : | with folding/feathering blades | x |
| | with 2 solid blades | |
| | with 3 (or more) solid blades | |
| Mast : | wooden | x |
| | alloy | |
| Boom : | wooden | x |
| | alloy | |
| | in composite material | |
| Spars : | wooden | x |
| | alloy | |
| | in composite material | |
| Forestay : | head foil with 1 groove | |
| | head foil with 2 grooves | |
| Furling system : | of jib, active | |
| | of jib, inactive but in place | |
| | flying furling device | |
| Winches : | absent, with Ls < 8m | |
| | absent, with Ls > 8m | |
| | self-tailing | x |
| Interior : | absence of furniture | |
| Superstructure : | in composite material | |
| Hull : | with plastic covering | |
| | composite for Classic IOR | |

ASSOCIATION FRANÇAISE DES YACHTS DE TRADITION
AFYT

RATING CERTIFICATE

N° of certificate : **IE 035**Sail n° : **464****MARIELLA**Reference Class : **Bermudian Vintage**Reference Class priority : **Big Boat**Rig Type : **Bermudan Yawl**Architect : **Alfred Mylne**

Year of Design :

Builder : **W. Fife & son**Year of Launching : **1938**

Original Class :

Ensign : **Antigua**

Registered in :

Rig lenght (La) [m] : **24,05**Max. Beam (B) [m] : **5,04**Draft (TE) [m] : **2,5****Rating : 11,403**APM s/mile : **94,9**TCF : **1,0445**Validity year : **2023**Issued : **14/05/2023**

Owners signature :

Validation of the National Association : *Roger Gilbert*Measurements made by : **Renaud Godard (n°: 0932172N)**

Measurement date :

Location of measurement :