

| | | | |
|-------------|-----------------------|-------------|---------------------------|
| Boat name | Happy | Type | Bermudian sloop |
| Sail number | 9518 | Design | Impala 28 1/B 1.78 |
| TCC | 0.892 | Series date | 1978 |
| Valid | 2010 | Build date | 1980 |
| Owner | John McQuillan | | |

Hull

| | | |
|------------------|----------------|---|
| Hull Length | 8.56 m | O |
| Bow overhang | 0.87 m | O |
| Stern overhang | 0.56 m | O |
| Waterline length | 7.13 m | C |
| Beam | 2.82 m | O |
| Topside overhang | 0.26 m | S |
| Waterline beam | 2.30 m | E |
| Mean freeboard | 0.99 m | E |
| Draught | 1.78 m | O |
| Empty weight | 2522 kg | O |
| Ballast weight | 851 kg | P |

Detail

| | | |
|--------------------|--------------------------------|---|
| Keel depth | 1.33 m | A |
| Keel chord | 1.03 m | A |
| Keel type | Iron fin with lead shoe | |
| Rudder depth | 1.27 m | A |
| Rudder chord | 0.39 m | A |
| Rudder type | Transom-hung | |
| Propeller diameter | 0.36 m | E |
| Propeller blades | 2 | |
| Propeller type | Folding | |
| Spar material | Aluminium | |
| Interior fit-out | Light | |

Mainsail

| | | |
|---------------------|----------------------------|---|
| Mainsail hoist | 10.21 m | O |
| Mainsail foot | 3.51 m | O |
| Upper width | 0.73 m | O |
| Three-quarter width | 1.33 m | O |
| Half width | 2.26 m | O |
| Area | 21.09 m² | C |

Mizzen

| | | |
|----------------------|----------------------|--|
| Mizzen hoist | m | |
| Mizzen foot | m | |
| Staysail luff length | m | |
| Staysail luff perp | m | |
| Area | m² | |

Upwind headsail

| | | |
|---------------------|----------------------------|---|
| Forestay length | 9.97 m | O |
| Foretriangle base | 2.82 m | O |
| Luff length | 9.68 m | O |
| Luff perpendicular | 4.17 m | O |
| Half width | 2.09 m | O |
| Three-quarter width | 1.04 m | O |
| Headboard width | 0.09 m | O |
| Area | 20.19 m² | C |

Downwind headsail

| | | |
|---------------------|----------------------------|---|
| Tack type | Spinnaker pole | |
| Pole or tack length | 2.82 m | O |
| Leech length | m | |
| Luff length | m | |
| Half width | m | |
| Foot width | m | |
| Area | 39.51 m² | C |

Valid only if it matches the certificate on www.vprs.org

Rating calculated on 24/04/2010 at 10:16:27

Data source: A=Authenticated; O=Owner; S=Sister vessel; P=Published; E=Estimated; C=Calculated

The owner must notify VPRS of any changes or errors.

