



artimon

voile d'étai
d'artimon

Yankee sur
emmagasineur

Haute voile d'étai

grand-voile
d'étai

perroquet

clin
foc

foc

hunier

Bas
hunier trinquette

Pedro Doncker

artimon PO#0673

True area = 60.200 m2
[Geoluff] = 19.180 m
[Geoleech] = 19.049 m
⚠ [Geofoot] = 6.531 m
[Head] = 0.051 m
[MUW] = 0.777 m
[MTW] = 1.533 m
[MHW] = 3.103 m
[MQW] = 4.735 m
⚠ [(clew to head aft)] = 19.032 m
ORC '21 meas. area = 60.68
ORC '21 rated area = 60.44
true/rated area ratio = 99.60 %

Head : inox ring 12 cm aprox diameter strapped

Luff : 20 eyelets inox – internal diameter 18mm

Leechline



120mm heavy dacron flat tape all around the sail under the edge tapes

10 oz



Reef : dogbone on luff and leech – closest eyelet to reef should be minimum 40 cm from the reef tack

Clew and reefs : embossed ring with 2 strap 6 cm internal diameter (simplfy versus picture)

Tack back : 20 cm

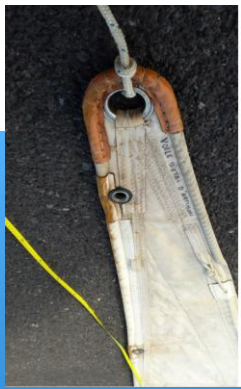
footline



Voile d etai d'artimon

PO#0675

Area = 56.703 m²
[L_L] = 20.030 m
GeoLeech] = 17.820 m
GeoFoot] = 6.699 m
LPG] = 5.909 m
Head] = 0.055 m
[HUW_JGT] = 0.655 m
[HTW_JGU] = 1.313 m
[HHW_JGM] = 2.748 m
JGL] = 4.281 m
IRC_HSA = 56.91
area ORC = 56.90
midgirt/foot ratio = 47.16 %
foot excess = -2.092 m
HHW/HLP = 46.50 %
true/rated area ratio = 1.00



Head : inox ring 54 mm intern diam with 2 strap

Luff : 20 eylets inox – internal diameter 18mm

10 oz

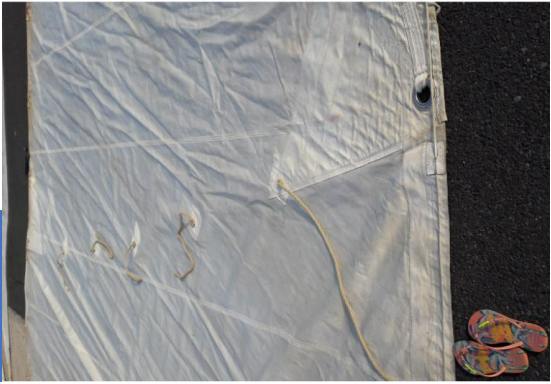


Leechline



Clew and reefs : embossed ring with 2 strap 54 mm internal diameter

120mm heavy dacron flat tape all around the sail under the edge tapes



Reef with reefing ropes and dogbone on luff side

footline

Tack : pressed ring 43 mm internal diameter



Grand Voile d'étai PO#0674

Area = 60.800 m²
⚠ [LL_JL] = 18.750 m
[GeoLeech] = 16.780 m
⚠ [GeoFoot] = 7.450 m
[LPG] = 6.697 m
[Head] = 0.055 m
[HUW_JGT] = 0.766 m
[HTW_JGU] = 1.533 m
[HHW_JGM] = 3.174 m
[JGL] = 4.898 m
IRC_HSA = 61.00
area ORC = 60.99
midgirt/foot ratio = 47.91 %
foot excess = -1.898 m
HHW/HLP = 47.40 %
true/rated area ratio = 1.00

Leechline



Clew and reefs : embossed ring with 2 strap 54 mm internal diameter

footline



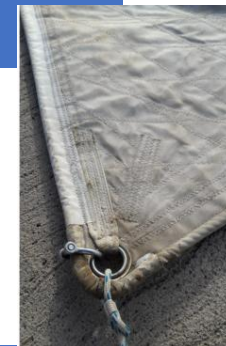
Head : inox ring 54 mm intern diam with 2 straps

Luff : 21 eyelets inox – internal diameter 18mm



Reef : dogbone on luff – Pressed ring 43 mm internal with strap (simplify versus picture – only straps)

120mm heavy dacron flat tape all around the sail under the edge tapes



Tack : pressed ring 43 mm internal diameter

Tack back : 5 cm

trinquette PO#0676

Head : inox ring 54 mm intern diam with 2 strap



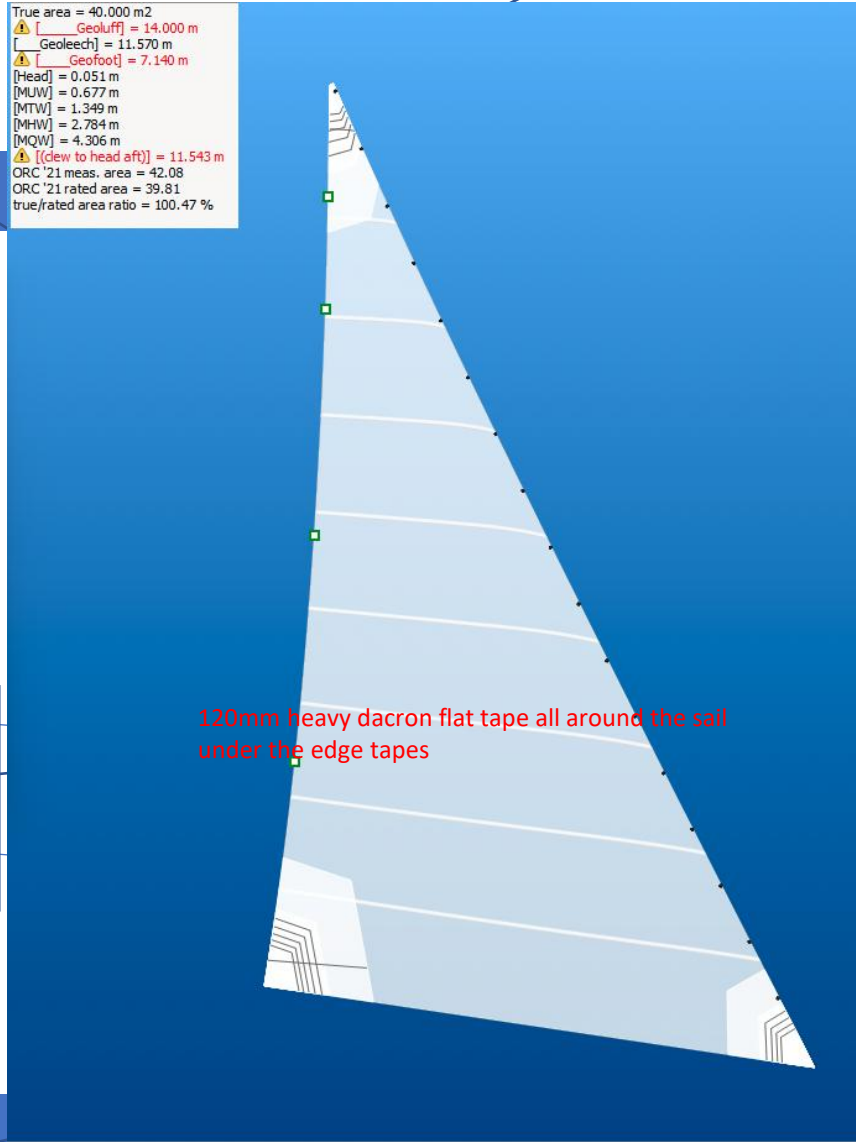
12 oz

Leechline



Clew : embossed ring with
2 strap 54 mm internal
diameter

True area = 40.000 m2
⚠ [Geoluff] = 14.000 m
[Geolech] = 11.570 m
⚠ [Geofoot] = 7.140 m
[Head] = 0.051 m
[MUW] = 0.677 m
[MTW] = 1.349 m
[MHW] = 2.784 m
[MQW] = 4.306 m
⚠ [(clew to head aft)] = 11.543 m
ORC '21 meas. area = 42.08
ORC '21 rated area = 39.81
true/rated area ratio = 100.47 %



Luff : 17 eyelets inox – internal diameter 18mm

Tack : pressed ring 43 mm internal diameter

footline



Foc PO#0677

Head : inox ring 54 mm intern diam with 2 strap

Area = 56.000 m²
[LL_JL] = 22.540 m
GeoLeech] = 13.410 m
GeoFoot] = 11.458 m
LPG] = 5.250 m
[Head] = 0.050 m
[HUW_JGT] = 0.569 m
[HTW_JGU] = 1.133 m
[HW_JGM] = 2.370 m
JGL] = 3.735 m
IRC_HSA = 56.14
area ORC = 56.02
midgir/foot ratio = 48.43 %
foot excess = -5.764 m
HHW/HLP = 45.15 %
true/rated area ratio = 1.00

Leechline



Clew : embossed ring with
2 strap 54 mm internal
diameter

120mm heavy dacron flat tape all around the sail
under the edge tapes



9 oz

Luff : 25 eyelets inox – internal diameter 18mm

footline

Tack : pressed ring 43 mm internal diameter



Clin Foc PO#0678

Head : inox ring 54 mm intern diam with 2 strap



8 oz

Luff : 22 eyelets inox – internal diameter 18mm

Area = 28.400 m²
[L_3] = 19.090 m
[GeoLeech] = 11.221 m
[GeoFoot] = 8.911 m
[LPG] = 3.208 m
[Head] = 0.050 m
[HUW_JGT] = 0.325 m
[HTW_JGU] = 0.635 m
[HHW_JGM] = 1.362 m
[JGL] = 2.215 m
IRC_HSA = 28.22
area ORC = 28.12
midgirt/foot ratio = 48.58 %
foot excess = -4.917 m
HHW/HLP = 42.46 %
true/rated area ratio = 1.01

120mm heavy dacron flat tape all around the sail under the edge tapes

Leechline



Clew : embossed ring with 2 strap 54 mm internal diameter



footline

Tack : pressed ring 43 mm internal diameter



Bas Hunier PO#0722

[Head] = 10.380 m
[Luff] = 5.300 m
[Leech] = 5.300 m
[Foot] = 11.071 m
[mid height] = 5.019 m
Sail-area = 54.535 m²

10,385

12 oz

Head : 52 mm ring point d envergue

30 eyelets as this one on the picture (every 40 cm 18mm internal diameter+ one sleeve/gousset (for a 12 mm rope) « oeuillets envergure)

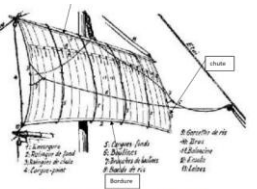
5,30

Add one reef (3 embossed rings of 56mmdiameter with strap
Firs ring on the luff at 2,00 from head – one in the center at 2,06from head last one on leech at 2,00 from top

120mm heavy dacron flat tape all around the sail under the edge tapes

5,30

4 cargues 27 mm diameter friction ring at 1,00/2,00 /3,00/4,00 meter fromsail top

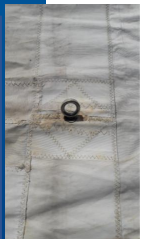


4 eyelets 18 mm internal aligned with the vertical (œillet de ralingue de fond)

11,07

Clew rings : use rings as on the picture – 70 mm internal diameter

Dogbone Eyelets – 4 rows 4 columns per row – for 10 mm rope with dogbones with low friction ring as per picture – at cargue high. Reinforce/patch the eyelets (oeuillets de cargue)



Haut hunier PO#0723

[Head] = 8.910 m
[Luff] = 4.529 m
[Leech] = 4.529 m
[Foot] = 10.440 m
[mid height] = 4.011 m
Sail-area = 39.580 m²

9 oz

8,91

Head : 52 mm ring

22 eyelets as this one on the picture 18 mm internal diameter

Ralingue de 13 mm

4,53

3 cargues
27 mm diameter ring. Cargue 1 @ 1,1 meter from head- then 2,2 and 3,4 from head

120mm heavy dacron flat tape all around the sail under the edge tapes

4,53



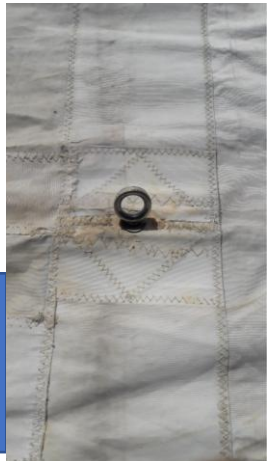
4 eyelets 18 mm internal aligned with the vertical (œillet de ralingue de fond)

10,44

Middle hight = 4,02 m

Clew rings : use rings as on the picture – 70 mm internal diameter approximately

Eyelets – 4 rows 4 columns per row – for 10 mm rope with dogbowns low friction ring as per picture – at cargue hight. Reinforce/patch the eyelets (œuillets de cargue)



Perroquet PO#0724

[Head] = 6.600 m
 [Luff] = 4.460 m
 [Leech] = 4.460 m
 [Foot] = 9.212 m
 [mid height] = 4.023 m
 Sail-area = 31.813 m²

6 colonnes 3 lignes avec 2 oeuillets
 externes de cargue??

8oz

6,60

16 eylets as this one on the picture 18 mm internal diameter

Head : 52 mm ring
 « oeillet d
 empointure »

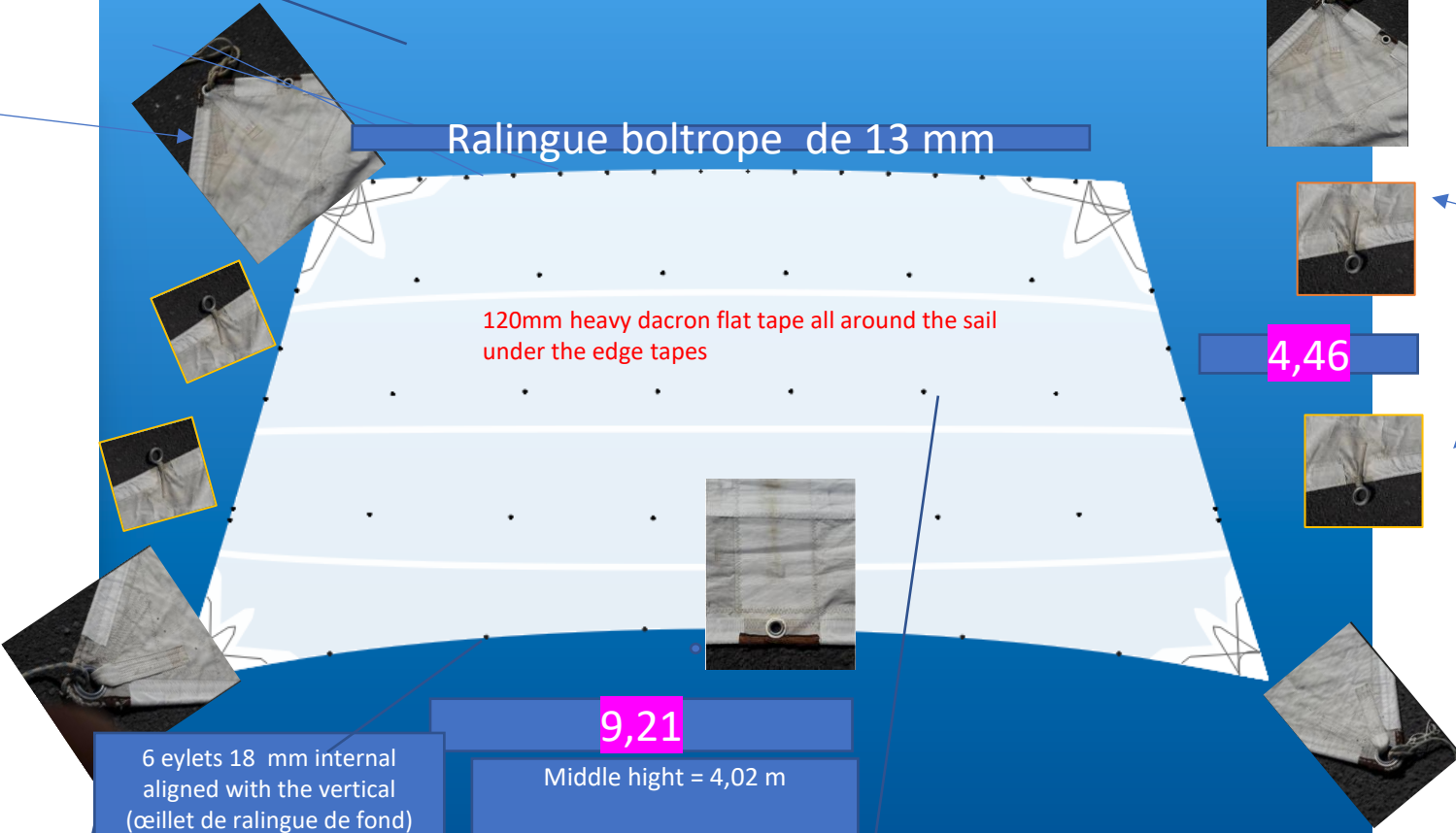
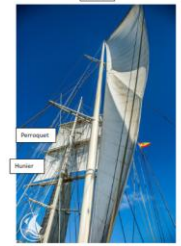
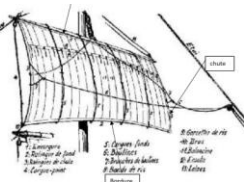
4,46

Ralingue boltrope de 13 mm

120mm heavy dacron flat tape all around the sail
 under the edge tapes

2 cargues
 27 mm diameter
 ring. Cargue 1 @
 1,51 meter from
 head- then 3,0 from
 head

4,46



9,21

6 eylets 18 mm internal
 aligned with the vertical
 (œillet de ralingue de fond)

Middle hight = 4,02 m

Clew rings– 80 mm internal
 diameter

Eylets – 3 rows (1m from top/1,95/2,9 from
 top) 6 cols per row – for 10 mm rope
 with dogbowns – at cargue hight.
 Reinforce/patch the 3 eylets



Fisherman PO#0725

[Luff] = 4.110 m
[Leech] = 10.756 m
⚠ [geofoot] = 6.670 m
[geohead] = 11.651 m
[Clew-Throat] = 6.038 m
[Peak-Tack] = 15.340 m
Area = 43.305 m²

8oz

Photo oeillet de cargue ??

Leechlines on 2 sides



4 Clew rings de cargue 38 mm diameter / positionned at 2,85 / 5,45 / 8,22 from top

Clew rings :- 50 mm internal diameter approx.

10,75

11,65

13 Eylets 18 mm

5 Eylets 18 mm

4,11

6,67

120mm heavy dacron flat tape all around the sail under the edges tapes

2 cargues 27 mm diameter ring. Cargue 1 @ 1,51 meter from head- then 3,0 from head

