

# ALEXANDRA<sup>2</sup>

<b>TECHNICAL DATA .....</b>	<b>4</b>
1. General .....	4
2. PROPULSION .....	4
Engine .....	4
Gear Box.....	5
Engine Interface Shaft.....	5
Propeller/Propeller Shaft.....	5
3. Steering.....	5
4. SAILS .....	6
Main Sail.....	6
Main Sail (Reef 0).....	6
Fore Sail.....	6
Inner Fore Sail .....	6
Cutter Sail Crosscut Dacron.....	7
Storm Jib .....	7
Trysail.....	7
Gennaker Tri-radial .....	7
5. STANDING RIG.....	7
Mast .....	7
Boom.....	8
Fore Stay .....	9
Cutter Stay .....	9
Baby Stay.....	9
Shrouds   Upper Fitting Lower Fitting.....	10
Aft Stay.....	10
Runners.....	10
Spreaders .....	10
Seltang .....	10
Chain plates.....	10
6. RUNNING RIG.....	11
7. FURLING SYSTEM .....	11
Head Stay Furling System.....	11
Cutter Stay Furling System .....	11

# ALEXANDRA<sup>2</sup>

8. WINDLASS.....	11
9. ELECTRICAL INSTALLATIONS .....	12
10. OIL TYPES .....	12
11. FLUID STORAGE .....	12
Potable Water .....	12
Lavatory .....	12
Diesel.....	12
<b>EQUIPMENT LIST .....</b>	<b>13</b>
12. SAFETY EQUIPMENT.....	13
EPIRB/PLB.....	13
Personal .....	13
Stay onboard.....	13
Recovery .....	13
Detection.....	13
Fire Extinguishers    2011.....	13
Safety Box with Flares and Signaling Gun    2010.....	14
Bilge Pumps.....	14
Redknows GPS/3G Alarm    2010.....	14
13. ELECTRONIC HARDWARE POWER CONSUMPTION .....	14
Multi-Function Displays .....	14
Instruments.....	14
Radar.....	15
GPS Recievers.....	15
AIS .....	15
Navigation Data Network.....	15
PC / Data Network .....	16
Spare Units.....	16
14. AUTOPILOT .....	16
15. SPEED.....	17
16. DEPTH .....	17
17. WIND.....	17

# ALEXANDRA<sup>2</sup>

18. COMMUNICATION .....	17
19. COMPASSES .....	17
20. SIGNAL CONVERTERS .....	18
21. ELECTRONIC SEA CHARTS .....	18
22. ELECTRICAL .....	18
23. SAILS AND CANVASES.....	19
24. PROPULSION .....	19
25. ANCHORING .....	19
26. SAILING HARDWARE .....	20
27. DECK, CABIN & PANTRY .....	20
28. DINGY.....	20
29. DIVING EQUIPMENT.....	21
<b>PRINCIPLES OF OPERATION .....</b>	<b>21</b>
<b>FOR THE WINTER .....</b>	<b>22</b>

# ALEXANDRA<sup>2</sup>

This document defines the Scanmar 42 named Alexandra<sup>2</sup>

The super structure is a Scanmar 40 (Hull 16 of 25) manufactured in 1987

Bjästa, Örnsköldsvik in Sweden by The Börjesson Brothers Scanmar Yachts

Mr Hans Södergren and Mr Torsten Carlsson bought the hull and deck and modified her in Kalmar Sweden between 1987 to 1997

**MMSI 265538720 VHF Call Sign SC3925**

## TECHNICAL DATA

### 1. General

a) Overall Length.....	13,9 m (45,7 ft)
b) Hull Length .....	12,9 m (42,5 ft)
c) Waterline Length .....	10,5 m (34,5 ft)
d) Beam .....	3,9 m (12,6 ft)
e) Draft .....	2,1 m (6,9 ft)
f) Total Weight.....	12,5 Ton (27550 lbs)
g) Keel Weight.....	3,7 Ton (8150 lbs)
h) Height (Vertical Clearance) .....	20,3 m excl extras (66,4 ft)
i) DLR (D/L) .....	300
j) Ballast Ratio .....	30%
k) SA/D .....	21
l) Critical Speed .....	7,87 knots

### 2. PROPULSION

#### Engine

a. Volvo Penta D2-55F S/N 510398894X.....	2014
i. Weight.....	225 kg
ii. Cylinders .....	4
iii. Displacement .....	2200 ccm <sup>3</sup>
iv. Engine Power .....	55 hp
v. Engine RPM	
1. Idle .....	850±25 rpm
2. Max .....	3000 rpm
vi. Engine Oil Capacity .....	10,5 lit
vii. Alternator.....	14V/115 Amp

# ALEXANDRA<sup>2</sup>

## Gear Box

a) Hürth HBW250-3R .....	1997
i. Weight.....	18 kg
ii. Ratio fwd.....	iA=2,737
iii. Ratio rev.....	iB=2,722
iv. Oil Capacity .....	0,75 lit
v. Max Input Power .....	169 NM ≈ 0,0237 hk/rpm
vi. Max RPM.....	5000
vii. Adaptor Plate .....	SAE 7

## Engine Interface Shaft

i. Diameter .....	33 mm
ii. Length .....	74 mm
iii. Splines .....	26 ea

## Propeller/Propeller Shaft

a) Propeller shaft	
a. Diameter.....	35,00 mm
b. Shaft End (Concentric).....	ISO 1:10
b) Propeller Shaft Bore Reducer (Brass).....	<a href="#">BBM-4</a>
c) Key (Brass).....	ISO 8 x 7 mm parallel
d) Propeller (Brass).....	<a href="#">MaxProp Classic Model 20833</a>

## 3. Steering

a) Manufacturer.....	Unknown
b) Steering Wheel	
a. Outer Diameter .....	120 cm
b. No of spokes .....	8
c. Shaft Diameter .....	1"
d. Fitting.....	Straight Cylindrical

# ALEXANDRA<sup>2</sup>

## 4. SAILS

### Main Sail

a.	Main Sail .....	UK Sails Carbon Tape Drive .....	2015
b.	Area .....	55,6 m <sup>2</sup>	
c.	P .....		17,28 m
d.	E .....		5,50 m

### Main Sail (Reef 0)

a.	Area .....	51,5 m <sup>2</sup>
b.	P .....	16,00 m
c.	E .....	5,50 m

### Fore Sail

a.	Genua .....	UK Sails Carbon Tape Drive .....	2015
b.	Jib.....	UK Sails Carbon Tape Drive .....	2015
c.	Max LL.....		1742 cm
d.	Sqm.....		83,4 m <sup>2</sup>
e.	I.....		18,57 m
f.	LL.....		17,52 m
g.	LP .....		5,73 m
h.	J.....		5,987 m
i.	LL.....		18,15 m
j.	LP .....		7,72 m

### Inner Fore Sail

a.	Max LL.....		1383 cm
b.	I .....		14,27 m
c.	LL.....		13,22 m
d.	LP.....		4,73 m
e.	J .....		4,99 m
i.	Sail 1		
1.	Leech.....		12,70 m

# ALEXANDRA<sup>2</sup>

2. Foot G ..... 8,30 m

## Cutter Sail Crosscut Dacron

a) Cutter..... Royal Sails 44,0 m<sup>2</sup> ..... 1998  
b) Area ..... 25 m<sup>2</sup>

## Storm Jib

c) Storm Jib..... Atta Sails 5,6 m<sup>2</sup> ..... 2020  
d) Area ..... 5,6 m<sup>2</sup>  
e) LL..... 6,25 m  
f) J..... 4,62 m  
g) AL..... 2,60 m

## Trysail

h) Trysail ..... uk sails 10,0 m<sup>2</sup> ..... 2016  
i) Area ..... 10 m<sup>2</sup>  
j) P ..... 6,75 m  
k) E ..... 3,00 m  
l) AL..... 7,70 m

## Gennaker Tri-radial

d. Area ..... 95 m<sup>2</sup>

## 5. STANDING RIG

### Mast

a) Manufacturer..... Seldén Mast AB  
b) Mast Drawing Number..... K34-C264-0595-7.0836611  
c) Profile Name ..... C264

# ALEXANDRA<sup>2</sup>

d) Mast Overall Length.....	20770 mm
e) Weight (Mast Tube only) .....	Total 174,5 kg
f) Mast Profile Length.....	264 mm
g) Mast Profile Width.....	136 mm
h) Weight.....	8,4 kg/m
i) Material Thickness .....	4,8 mm
j) Sail Groove .....	10,0 ±0,75 mm
k) Sail Slides.....	Seldén 511-605 or 511-607
l) Load Factors	
i. y.....	2591 cm <sup>4</sup>
ii. Ix.....	830 cm <sup>4</sup>
iii. Wy .....	172,0 cm <sup>3</sup>
iv. Wx .....	122,0 cm <sup>3</sup>

## Boom

a) Manufacturer.....	Seldén Mast AB
b) Profile Name .....	B20
c) Length .....	6230 mm
d) Weight.....	Total 35,3 kg
e) Profile Specs	
i. Height .....	200 mm
ii. Width.....	117 mm
iii. Weight.....	(4,67 kg/m) Total 23 kg - 5,88 kg/m
iv. Material Thickness.....	3,1 mm
v. Sail groove .....	6,25 ±0,75 mm
vi. Load Factors	
1. ly.....	1280 cm <sup>4</sup>
2. Ix.....	343 cm <sup>4</sup>
3. Wy .....	121,5 cm <sup>3</sup>
4. Wx.....	61,3 cm <sup>3</sup>
f) Spinnaker Boom Manufacturer .....	Seldén Mast AB
i. Profile Name .....	Unknown
ii. Length Total .....	5170 mm
iii. Length Tube .....	4700 mm
iv. Weight.....	Total 7,6 kg + End Fittings
v. Profile Specs	

# ALEXANDRA<sup>2</sup>

1.	Outer Diameter.....	96,0 mm
2.	Inner Diameter.....	91,6 mm
vi.	Weight.....	1,76 kg/m
vii.	Material Thickness.....	2,2 mm
viii.	Load Factors	
3.	Iy.....	72,3 cm <sup>4</sup>
4.	Ix.....	72,3 cm <sup>4</sup>

## g) Parts

i.	Mast	
5.	Headbox Angle.....	15°
6.	Headbox Mounting Bracket.....	197 x 74..... 508-268-02
7.	Halyard Double Box .....	505-059-01
8.	Halyard Double Lead.....	508-735-01
9.	Nose Tang Fitting .....	517-924-06
10.		

## Fore Stay

i.	FS.....	18,57 m .....	10 mm
ii.	FSH .....	17,35 m	
iii.	FSJ .....	5,99 m	
iv.	FLP.....	5,73 m	

## Cutter Stay

i.	CS .....	15,48 m .....	10 mm
ii.	CSH.....	14,43 m	
iii.	CJS .....	5,00 m	
iv.	CLP .....	4,73 m	

## Baby Stay

i.	BS .....	10,21m .....	8 mm
ii.	BSH.....	9,95 m	

# ALEXANDRA<sup>2</sup>

Shrouds	Upper Fitting	Lower Fitting		
i.	V3 + V4.....	8,40 m .....	12 mm	Terminal
ii.	V2 .....	4,24 m .....	12 mm	Terminal
iii.	V1 .....	4,97 m .....	12 mm	Terminal
iv.	D3.....	4,28 m .....	7 mm	T+C+C
v.	D2.....	4,29 m .....	8 mm	T+C
vi.	D1A.....	5,03 m .....	10 mm	T+C

## Aft Stay

- i. PS ..... 20,08 m ..... 8 mm

## Runners

- i. Upper Runners..... 19,05 m ..... 7 mm
- ii. Lower Runners ..... 14,60 m ..... 7 mm

## Spreaders

- i. Top ..... 0,70 m ..... 7,8° Aft 6,0° Up
- ii. Intermediate ..... 1,10 m ..... 7,8° Aft 6,0° Up
- iii. Lower ..... 1,26 m ..... 7,8° Aft 6,0° Up

## Seltang

- i. Wire ..... 12 mm
- ii. Pin ..... 19 mm

## Chain plates

LATERAL	LONGITUDINALDIAMETER	HEIGHT OF GOODS		
a) FS.....	0 mm .... 6150 mm	16,0 mm	8,5 mm	
b) CS .....	0 mm .... 5150 mm	17,2 mm	21,0 mm	
c) BS .....	0 mm .... 1960 mm	16,3 mm	18,0 mm	

# ALEXANDRA<sup>2</sup>

d) V1 .....	1470 mm	..... 150 mm	16,0 mm	18,0 mm
e) D1A.....	1420 mm	..... 150 mm	15,8 mm	17,5 mm
f) Lower Runners .....	1163 mm	.... 5700 mm	16,0 mm	?
g) Upper Runners/Aft Stay.....	800 mm	.... 6950 mm	16,0 mm	?

## 6. RUNNING RIG

- a) Genoa Halyard
- b) Cutter Halyard
- c) Main Sail 1 Halyard
- d) Main Sail 2 Halyard
- e) Main Sail Sheet
- f) Main Sail Boom Vang Sheet        8 mm
- g) Main Mast Back Stays Sheet        8 mm

## 7. FURLING SYSTEM

### Head Stay Furling System

- a. Manufacturer/Model .....Seldén Furlex 300S
- b. Profile Dimensions..... 39 x 27 mm
- c. WLG .....3,0 mm
- d. DLG .....7,5 mm

### Cutter Stay Furling System

- e. Manufacturer/Model .....Seldén Furlex 300S
- f. Profile Dimensions..... 39 x 27 mm
- g. WLG .....3,0 mm
- h. DLG .....7,5 mm

## 8. WINDLASS

- a) Manufacturer/Model Lewmar .....V3
- b) Gypsy.....Lewmar 68000362 .....DIN766 10 mm

# ALEXANDRA<sup>2</sup>

## 9. ELECTRICAL INSTALLATIONS

- a) Control Panel in cockpit ..... [www.skyldirect.se](http://www.skyldirect.se)
- b) Control Buttons ..... Eaton RMQ Titan 22 mm

## 10. OIL TYPES

- a) Gear Box ..... Dexron III
- b) Propeller Shaft Bearing ..... SAE 75W/90
- c) Bow Thruster ..... SAE 75W/90

## 11. FLUID STORAGE

### Potable Water

- a. Total ..... 800 lit
- b. Port (Stainless Steel) ..... 175 lit
- c. Aft (Stainless Steel) ..... 400 lit
- d. Starboard (Stainless Steel) ..... 225 lit

### Lavatory

- a. Total ..... 250 lit
- b. Port (Stainless Steel) ..... 125 lit
- c. Starboard (Stainless Steel) ..... 125 lit

### Diesel

- a. Total ..... 400 lit
- b. Port (Stainless Steel) ..... 200 lit
- c. Starboard (Stainless Steel) ..... 200 lit

oOo

# ALEXANDRA<sup>2</sup>

## EQUIPMENT LIST

### 12. SAFETY EQUIPMENT

#### EPIRB/PLB

- i. Kannad 406 PLB XS3 ..... UIN 214E5A26DAFFBFF ..... Batt Expired
- ii. PLB RescueME PLB1 ..... UIN 214E778F04FFBFF ..... Batt Expired
- iii. EPIRB ACR Electronics Satellite2 406 RLB-32 ..... UIN ADCE02266144801 ..... Batt Expired

#### Personal

- iv. SOLAS Immersion Suits..... Large ..... 2000
- v. SOLAS Immersion Suits..... Medium ..... 2000

#### Stay onboard

- vi. Wichard Jackline LyfSafe ..... (Length: 11 m/36') ..... 2014
- vii. Raymarine E12185 LifeTag™ Wireless MOB Monitoring System..... 2012

#### Recovery

- viii. On-Deck Safety Buoy - Baltic Swede-Buoy ..... 2009
- ix. On-Deck Safety Buoy - Baltic Swede-Buoy ..... 2009

#### Detection

- x. Radar Reflector Firdell Blipper 210-7 ..... 2012
- xi. Hailing Horn Raymarine M95435 ..... 2012

#### Fire Extinguishers                    2011

- xii. Engine Compartment Automatic ..... Fixed ..... Powder
- xiii. Engine Compartment Remote..... Fixed ..... Powder

# ALEXANDRA<sup>2</sup>

xiv.	Fwd Perth .....	Handheld .....	2 kg Powder
xv.	Saloon.....	Handheld .....	2 kg Powder
xvi.	Electronic Wardrobe .....	Handheld .....	2 kg Powder
xvii.	Electronic Wardrobe .....	Handheld .....	0,5 kg Halon
xviii.	Starboard Aft Perth .....	Handheld .....	2 kg Powder
xix.	Port Aft Perth .....	Handheld .....	2 kg Powder

Safety Box with Flares and Signaling Gun                  2010

## Bilge Pumps

xx.	Main.....	2010
xi.	Aux 1 Jabsco Bilge Pump .....	18660-0121 25 l/min .....
xxii.	SafetyBilge Pump Jabsco 50 lit/min .....	2004
xxiii.	Bilge Pump Jabsco Submergible 125 lit/min .....	2004

Redknows GPS/3G Alarm                  2010

## 13. ELECTRONIC HARDWARE POWER CONSUMPTION

### Multi-Function Displays

xxiv.	C140W .....	<a href="#">E62115</a>	<u>30 W</u> .....	2002
xxv.	C120W .....	<a href="#">E62113</a>	<u>30 W</u> .....	2002
xxvi.	C90W .....	<a href="#">E62111</a>	<u>20 W</u> .....	2004
xxvii.	Axiom 7 DV .....	<a href="#">E70364</a>	<u>10 W</u> .....	2022

### Instruments

xxviii.	i70s .....	<a href="#">E70327</a>	2022
xxix.	ST6001 .....	<a href="#">E12098</a>	2008
xxx.	i70s .....	<a href="#">E70327</a>	2022
xxxi.	p70s .....	<a href="#">E70328</a>	2022

# ALEXANDRA<sup>2</sup>

## Radar

xxxii. RD418D..... [E92142](#) ..... 60 W/25 W Standby ..... 2012

## GPS Recievers

xxxiii. RS150..... [E70310](#) ..... 0,36 W LEN:1 ..... 2018

## AIS

xxxiv. AIS 650 Class B AIS Transceiver ..... [E32158](#)-1140065 ..... 2,0 W ..... 2021

xxxv. AIS 100 Antenna Splitter ..... [A80190](#)-0930434 ..... 1,8 W ..... 2021

xxxvi. GA200 GNSS (GPS/GLONASS) AIS Antenna ..... [A80589](#) ..... 0,0 W ..... 2021

## Navigation Data Network

xxxvii. SeaTalk<sup>HS</sup> Network Switch ..... [E55058](#)-0170138 ..... 2005

xxxviii. Other Seatalk<sup>NG</sup> parts

1. Converters

a. NMEA0183-Seatalk<sup>NG</sup> Converter .... [R52131](#) ..... 5 ea

2. Connectors

a. T-Piece ..... [A06028](#) ..... 3 ea

b. 5-way ..... [A06064](#) ..... 1 ea

c. Backbone Extender ..... A06030 ..... 0 ea

3. Cables

a. Backbone

i. 40 cm ..... [A06033](#) ..... 0 ea

ii. 1 m ..... A06034 ..... 4 ea

iii. 3 m ..... A06035 ..... 3 ea

iv. 5 m ..... A06036 ..... 2 ea

v. 9 m ..... A06038 ..... 0 ea

vi. 20 m ..... A06037 ..... 0 ea

vii. Terminator ..... A06031 ..... 8 ea

viii. Blanking Plug ..... A06032 ..... 4 ea

b. Spur

i. 40 cm ..... [A06038](#) ..... 4 ea

# ALEXANDRA<sup>2</sup>

ii.	40 cm ST <sup>1</sup> to ST <sup>NG</sup> .....	A22164 .....	1 ea
iii.	1 m.....	A06039 .....	4 ea
iv.	1 m Bare End .....	A06043 .....	1 ea
v.	1 m ST <sup>1</sup> to ST <sup>NG</sup> .....	A22164 .....	4 ea
vi.	3 m.....	A06040 .....	3 ea
vii.	3 m Bare End .....	A06044 .....	1 ea
viii.	5 m.....	A06041 .....	2 ea
c.	Power		
i.	1 m.....	<a href="#">A06049</a> .....	5 ea
d.	DeviceNet		
i.	DeviceNet Adaptor F .....	A06045 .....	1 ea
ii.	DeviceNet Adaptor M.....	<a href="#">A06046</a> .....	5 ea

## PC / Data Network

xxxix.	Desktop HP 8000 Elite SFF Business PC.....	<a href="#">AU247AV</a> .....	CzC1257H6G .....	2015
xl.	Laptop Dell E6320 Latitude i5 2.5 GHz .....			
xli.	Navionics Multi Card Reader.....			2005
xlii.	Digital Yacht Boatranet.....	<a href="#">ZDIGBNET-EU 1125-0085</a> .....	18 W .....	2009
xliii.	Comar NMEA-2-WiFi .....	<a href="#">001-1037</a> .....	1,2 W .....	2014
xliv.	Yacht Devices YDEG-04R .....	<a href="#">0000</a> .....	LEN:1 .....	2022
xlv.	Yach Devices YDVR-03R.....	<a href="#">10168</a> .....	LEN:1 .....	2022
xlvi.	Yacht Devices YDN2U-02RM .....	<a href="#">200050</a> .....	LEN:1 .....	2022

## Spare Units

xlvii.	C90W .....	<a href="#">E62111</a> .....	<a href="#">20 W</a> .....	2004
xlviii.	RS150.....	<a href="#">E70310</a> .....	0,36 W LEN:1 .....	2022
xlix.	RS130 GPS Receiver 50 channels .....	<a href="#">E32153</a> .....	0,6 W LEN:2 .....	2010
I.	SeaTalk <sup>HS</sup> Network Switch .....	<a href="#">E55058</a> .....		2005

## 14. AUTOPILOT

m)	Raymarine S2G Autopilot Course Computer .....	<a href="#">E12054</a> .....	3,6 W / 216 W .....	2008
n)	Raymarine S2G Autopilot Course Computer .....	<a href="#">E12054</a> .....	3,6 W / 216 W .....	2009
o)	Raymarine S3G Autopilot Course Computer .....	<a href="#">E12092</a> .....	3,6 W / 360 W .....	2009

# ALEXANDRA<sup>2</sup>

p)	Raymarine Rudder Feedback Transducer.....	<a href="#">M81105</a>	2010
q)	Raymarine Rudder Feedback Transducer.....	<a href="#">M81105</a>	2010
r)	Hydraulic Project ML40 Hydraulic Linear Actuator .....	<a href="#">Installed</a>	36-60 W ..... 1997
s)	Hydraulic Project ML40 Hydraulic Linear Actuator .....	<a href="#">Spare</a>	36-60 W ..... 1997

## 15. SPEED

t)	Raymarine / Airmar Speed/Temp Thru-Hull Transducer .....	M78716 / ST800 / B120 / 31-251-3-11 .....	2011
----	--	---	------

## 16. DEPTH

u)	Raymarine DSM300 Digital Sounder Module.....	<a href="#">E63069</a>	0,5A (8A Peak) .....	2011
v)	Raymarine DSM300 Digital Sounder Module.....	<a href="#">E63069</a>	0,5A (8A Peak) .....	2015
w)	Raymarine DSM300 Digital Sounder Module.....	<a href="#">E63069</a>	0,5A (8A Peak) .....	2015
x)	Raymarine / Airmar Depth Thru-Hull Transducer [FWD] .....	<a href="#">E66014</a>	/ B117 / 31-092-7-01 .....	2011
y)	Raymarine / Airmar Depth Thru-Hull Transducer [AFT].....	<a href="#">E66014</a>	/ B117 / 31-092-7-01 .....	2011

## 17. WIND

z)	Raymarine ST60+ Wind System Analog Vane.....	<a href="#">A22012-P</a>	2012
aa)	Raymarine ST60+ Wind System Analog Vane.....	<a href="#">A22012-P</a>	2012
bb)	Raymarine ST60+ Wind System Analog Vane.....	<a href="#">A22012-P</a>	2012

## 18. COMMUNICATION

cc)	Raymarine VHF 240E DSC <a href="#">E42001</a> ).....	RX 0,4A / STBY 0,1A / TX<6A .....	2011
dd)	Raymarine VHF 240E DSC <a href="#">E42001</a> ).....	RX 0,4A / STBY 0,1A / TX<6A .....	2011
ee)	Raymarine VHF 240 DSC Second Handset <a href="#">E45001</a> ).....	.....	2011
ff)	<a href="#">Icom Handheld IC-M2A</a> .....	5 W (Hi), 3 W (Mid) and 1 W (Low) .....	2004
gg)	<a href="#">Icom Handheld IC-M25</a> .....	5 W 2,3A (Hi), 1 W 0,9A (Low) .....	2016

## 19. COMPASSES

hh)	Silva Type 125FT at the helm.....	S/N H018859 .....	1997
ii)	Plastimo 130 Contest at the pilot house .....	.....	2005

# ALEXANDRA<sup>2</sup>

jj) Silva 70UN at navigation station .....	2012
kk) Raymarine Fluxgate Electronic Compass..... (M81190).....	2011
ll) Raymarine Fluxgate Electronic Compass (Spare)..... (M81190).....	2011

## 20. SIGNAL CONVERTERS

mm) .....	Actisense PRO-MUX-AS	<a href="#">S/N 221149</a>
.....		2018
nn) Raymarine PC-SeaTalk-NMEA..... (E85001) .....	2008	

## 21. ELECTRONIC SEA CHARTS

ll) Navionics CF	
i. 43XG MEDITERRANEAN AND BLACK SEA .....	2 GB ..... 2021-07-28
ii. 44XG BALTIC SEA .....	2 GB ..... 2022-07-29
iii. <del>45XG SKAGERRAK &amp; KATTEGAT</del> .....	<del>2 GB</del> ..... <del>2013-08-17</del>
mm) .....	Navionics MicroSD
i. 3XG CARIBBEAN & SOUTH AMERICA .....	2GB ..... 2016-01-20
ii. 93S EU Silver.....	2GB ..... 2012-04-16
iii. 43XG MEDITERRANEAN & BLACK SEA.....	1GB ..... 2011-06-15
iv. 44XG BALTIC SEA .....	8GB ..... 2017-07-27
v. <del>44XG BALTIC SEA</del> .....	<del>2GB</del> ..... <del>2017-09-11</del>
vi. 46XG CENTRAL AND WESTERN EUROPA.....	2GB ..... 2015-11-20
vii. SOFTWARES.....	16GB ..... 2022-07-02

## 22. ELECTRICAL

a. Tufvasson Isolation Transformer PVM900 6653-0017 .....	840VA/3,6A .....	2015
b. Mastervolt Mass Combi 12/2000-100.....		2015
c. Mastervolt MasterView Easy MkII .....		2015
d. Mastervolt MasterShunt 500 .....		
e. Mastervolt MasterBus Interface .....		
f. Mastervolt USB to PC Interface.....		
g. <del>Mastervolt Solar Charger SCM-N20</del> .....		
h. Epever Tracer 5415AN MPPT 50A Solar Charger .....		2021
i. Batteries		

# ALEXANDRA<sup>2</sup>

i.	1 ea Engine Marine Gel 90 AH.....	?
ii.	1 ea Bow Thruster/Windlass Marine Gel 90 AH.....	?
iii.	2 ea Consumption .....	Not Installed
f.	Electrical Center	
i.	<a href="#">Blue Sea Systems 8380</a> .....	DC Main + 22 CB:s Panel ..... 2015
ii.	<a href="#">Blue Sea Systems 8377</a> .....	DC 16 CB:s Panel ..... 2015
iii.	<a href="#">Blue Sea Systems 8690</a> .....	Dual Circuit Management Plus Panel ..... 2015
iv.	<a href="#">Blue Sea Systems 8076</a> .....	AC Main + 11 CB:s Panel ..... 2018
v.	<a href="#">Blue Sea Systems 1016</a> .....	Dual USB Charger ..... 2015
g.	Pilot House	
i.	Blue Sea Systems 4376.....	Water Resistant 6 CB:s Panel ..... 2015
ii.	Blue Sea Systems 1016.....	Dual USB Charger ..... 2015
iii.	Eaton RMQ Titan, 22 mm Range.....	Control Panel at Helm ..... 2015

## 23. SAILS AND CANVASES

qq) Main Sail.....	UK Sails Carbon Tape Drive .....	2015
rr) Genua .....	UK Sails Carbon Tape Drive .....	2015
ss) Jib.....	UK Sails Carbon Tape Drive .....	2015
tt) Cutter.....	Royal Sails 44,0 m <sup>2</sup> .....	1998
uu) Storm Jib.....	Atta Sails 5,6 m <sup>2</sup> .....	2020
vv) Trysail .....	uk sails 10,0 m <sup>2</sup> .....	2016

## 24. PROPULSION

ww).....	<a href="#">Engine Mounts</a> .....	2014
xx) <a href="#">MaxProp Prop 3 Bladed Classic 20833</a> .....		2006
yy) <a href="#">MaxProp Prop 2 Bladed Classic 20833</a> .....		2006
zz) Fixed 3 Bladed Prop.....		1997
aaa).....	<a href="#">Bow</a> <a href="#">Thruster</a> <a href="#">SidePower</a> <a href="#">SP75Ti</a>	
	.....4,4 kW .....	1997

## 25. ANCHORING

bbb) .....	<a href="#">Lewmar V3 Winchlass</a> 1000 W	2012
ccc) Plow Anchor 25 kg Stainless Steel .....		1997

# ALEXANDRA<sup>2</sup>

ddd) .....	Delta 20 kg .....	2011
eee).....	Ankarolina 56 m.....	2011

## 26. SAILING HARDWARE

fff) Andersen 2 ea 58ST (Cockpit).....	1997
ggg).....	Andersen 2 ea 46ST (Cockpit)
.....	1997
hhh) .....	Andersen 2 ea 28ST (Main Mast)
.....	2000
iii) Andersen 2 ea 12ST .....	2016

## 27. DECK, CABIN & PANTRY

jjj) Hatch Vetus MAG6363SL (fwd).....	2015
kkk).....	Hatch Vetus MAG2626SL (mid)
.....	2015
III) Hatch Vetus MAG5151SL (aft).....	2015
mmm) .....	Propane Owen .....
nnn) .....	<u>Refrigerator Isotherm 3701 ASU</u>
<u>Compressor</u> .....	1997
ooo) .....	<u>Heater Eberspächer D5W 5kW</u>
<u>Diesel/Liquid</u> .....	1997
ppp) .....	<u>Heater Trumatic 2400 2,4kW</u>
<u>Propane/Air</u> .....	1997
qqq) .....	Water Pump Potable Water Jabsco
PAR-MAXPlus 82400-0292 .....	15,1 lit/min .....
rrr) Water Pump Washdown Jabsco PAR-MAX4 32605-0092 .....	15,1 lit/min .....
	2013

## 28. DINGY

sss) <u>Honwave T32-IE1 (CNSSLHJ062H505)</u> .....	320 x 154 cm 39 kg .....	2010
ttt) Yamaha 15hp (F15CMH S 6AGK 1012592 G).....	52 kg .....	2009
uuu) .....	Raymarine Dragonfly	5 PRO
	E70293-0350925 .....	2015

# ALEXANDRA<sup>2</sup>

## 29. DIVING EQUIPMENT

vvv) .....	First StageScubapro MK10	1991
www) .....	Second StageScubapro R180	1991
xxx)Octopus .....	Scubapro R380 .....	1991
yyy) .....	BCD .. Mares Vector 1000	1991
zzz) Bottle .....	12 Lit 200 Bar .....	1992
aaaa) .....	Bottle Valve .....	Spiro

## PRINCIPLES OF OPERATION

bbbb) .....	Battery charging, operation
i. There are 3 separate battery banks	
1. 2 ea House Batteries	
2. 1 ea Engine Start Battery	
3. 1 ea Bow Thrust Battery	
ii. There are 3 charging sources:	
1. 1 ea Engine Alternator 110 Amps	
2. 8 ea Solar Max 16 Amps Normal 6-8 Amps	
3. Shore Power 40 Amps	
4. The source with the highest voltage has the highest priority to charge	
a. first the house batteries are charged and when they have reached 14.0 V the	
b. Start battery is charged, and when it have reached 14.0 V the	
c. Bow thruster/Windlass battery is charged.	
cccc) .....	Water heater and Water Heating System (Central Heating).
i. If the handle of the Selector Valve is vertical.	
1. The Diesel Heater heats only the Warm Water Heater.	
ii. If the handle of the Selector Valve is horizontal.	
1. The Diesel Heater heats both the Central Heating System Radiators and the Warm Water Heater.	

# ALEXANDRA<sup>2</sup>

## FOR THE WINTER

- dddd) .....Anti Freeze
- Protect the Engine.....□
- i. Open the Sea Cook
  - ii. Remove the cover of the sea water filter
  - iii. Start the engine
  - iv. Fill approx 13-15 liter of 50/50 Anti Freeze Fluid in to the sea water filter cup
    - 1. Make sure that the hole system is flushed, check at exhaust that it comes anti freeze
  - v. When engine is stopped, remove the rubber impeller from the sea water pump
- eeee) .....Anti-Freeze
- Protect the Lavatories .....
- i. Make sure the respective septic tank is empty
  - ii. Flush the lavatory
  - iii. Fill approx 3 liter of 50/50 Anti Freeze into the bowl
  - iv. Flush the lavatory
  - v. Work the manual tank pump until you are convinced that it is purged with anti-freeze
- ffff) Drain the Potable Water System .....
- i. Make sure the Pump ON/OFF Switch is in the OFF Position
  - ii. Open the Valve Bay no 1 Floor Panel (see overview drawing)
    - 1. Remove the Raymarine Speed Transducer (make sure the safety flap is on the open position)
    - 2. Open all 3 tank valves
    - 3. Remove the end cap (water flows overboard via the speed transducer fitting)
  - iii. Open all 3 water faucets
  - iv. Open the Drain Valve on the Water Heater
    - 1. Allow it to gravity drain and then
    - 2. Use the fluid vacuum cleaner to completely drain the water heater
  - v. Gain access by removing the interior of the center cabinet, below the kitchen sink.
    - 1. Remove the most port cap on the Pressure Manifold located adjacent to the Pressure Accumulator, gain access by removing the interior of the middle kitchen locker.
    - 2. Allow it to gravity drain into the Valve Bay No 2 and then
    - 3. Use the fluid vacuum cleaner to completely drain the manifold/system.
  - vi. Gain access by open the side door to the kitchen module
    - 1. Remove the Jabsco Aqua Filta Drinking Water Filter
    - 2. Remove the inlet and outlet hose on the Jabsco Pressure Pump

# ALEXANDRA<sup>2</sup>

## Wish List

Raymarine - Skottmonterad SD kortläsare (RCR-1), 1m kabel 1193 kr

Raymarine CPT-100 DVS Downvision 1497 kr