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SENSATION



RYP in brief

PASSION NOT WORK

Reflex Yacht Painters is a leader in the marine industry for custom paint, repair fiberglass, manufacturing, interiors, and more. We are one of the only companies that use **the latest technology** s for the refurbishment of your boat.

Our staff has been trained and certified.

With over 10 years' experience in the marine industry, you entrust your boat in the hands of trained professionals. The next time you need a fresh coat of paint, renovate your home, repair fiberglass or any other work on your yacht, give us a call.

We look forward to serving you.



Organization Chart :

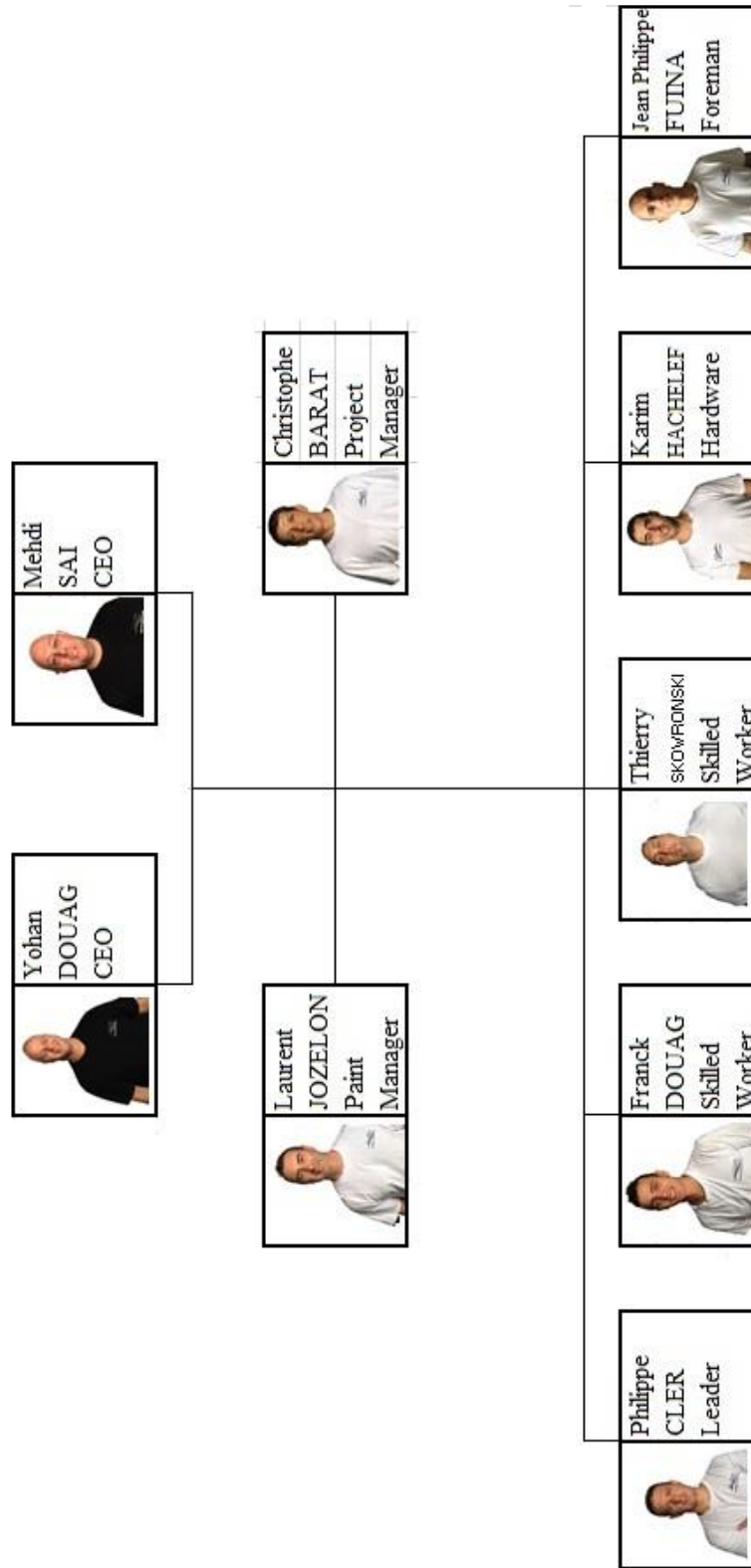


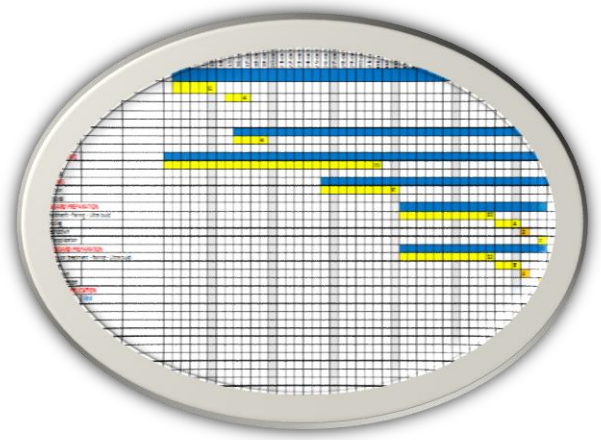
Table Of Contents

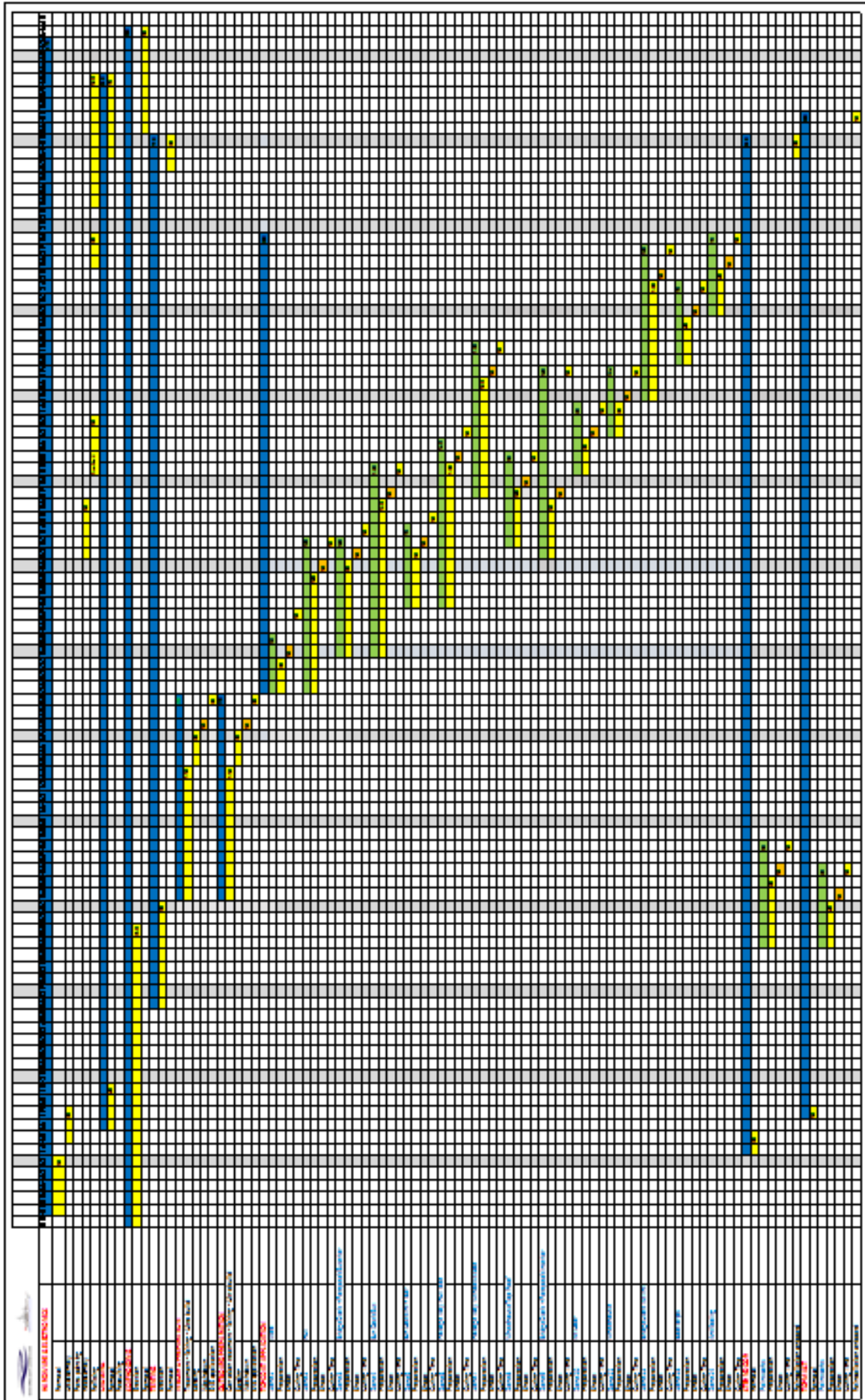
Resume	1
Organisation Chart	2
Table of contents	3
<i>Planning</i>	5
<i>Harware and electronics</i>	7
• Main Deck Aft	8
• Main Deck	9
• Bridge Deck Aft	11
• Bridge Deck Fore	13
• Forepeak	15
• Sundeck	17
• Hull	19
• Swim Platform	20
• Mast	21
• Topmast	22
• Pictures	23
<i>Caulking</i>	24
<i>Scaffolding & Tenting</i>	26
<i>Cutting Line</i>	28
<i>Climatic Condition</i>	38
<i>Inboard & Outboard Preparation</i>	43

- Application record 47
- Hullgard Extra Epoxy Primer D6120 47
- Awlfair LW Fairing Compound D8200 54
- Ultra Build Epoxy Primer D8008..... 55
- 545 Epoxy Primer 60
- Topcoat Application* 63
- Antifouling*..... 64
- Our Partner* 66
- Data Sheet*..... 67
- Thanks*..... 79

Planning

Planning is the schedule, a list of a project's milestones, activities, and deliverables with intended start and finish dates.





Hardware and Electronics

The hardware and electronics job of the boat is the operation of dismantling and location of quite the parts which can gener to treat the corrosions and allow an application paint in the best conditions.

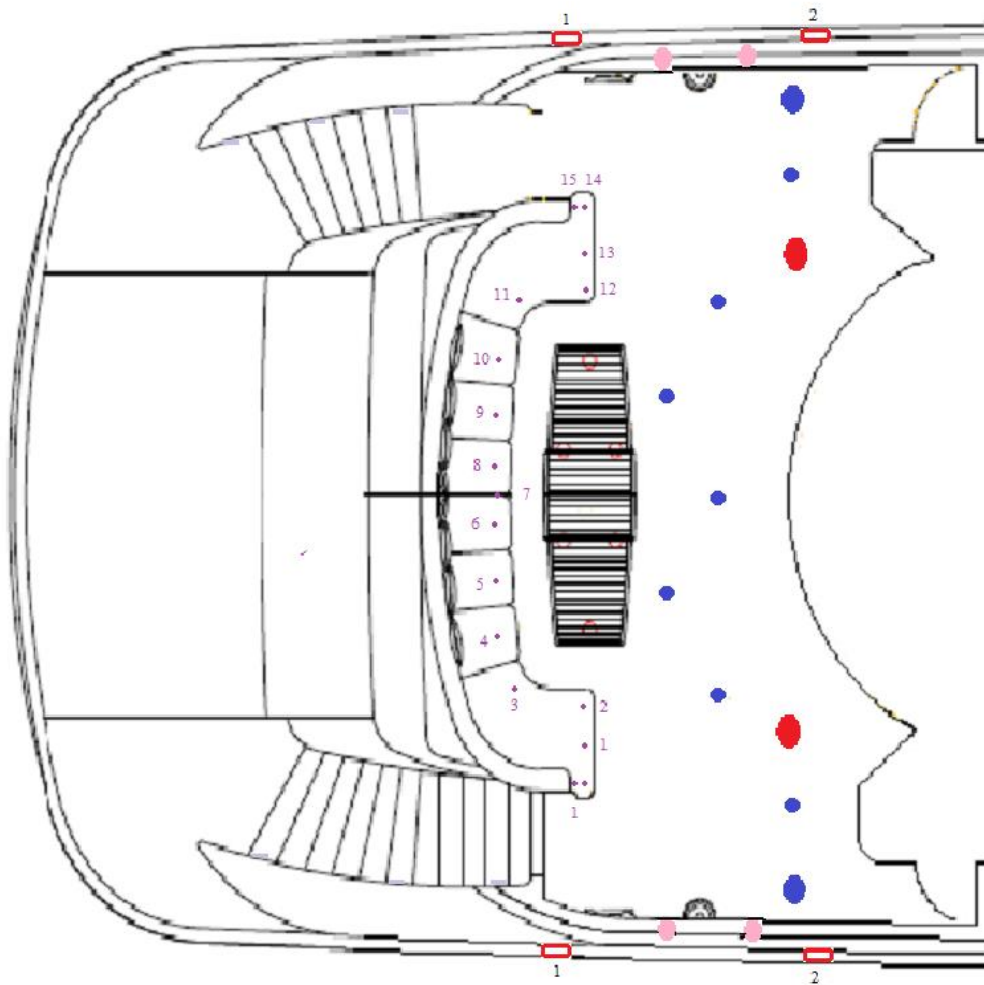
Attached the plans of the decks of the boat so that the lists of the element which were defused on these.



Main Deck Aft :

- Foot Step
- Access Plate
- Scuppers
- Access Door
- Speakers
- Lockers doors
- Ceiling Lights
- Ferleads
- Sofa Fitting

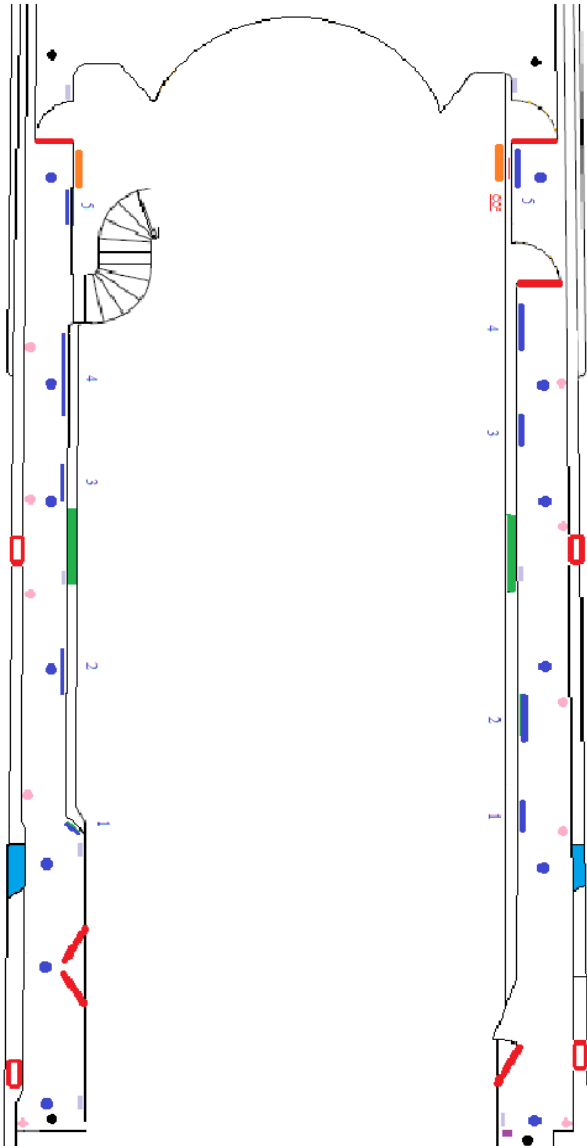
MAIN DECK AFT



Main Deck:

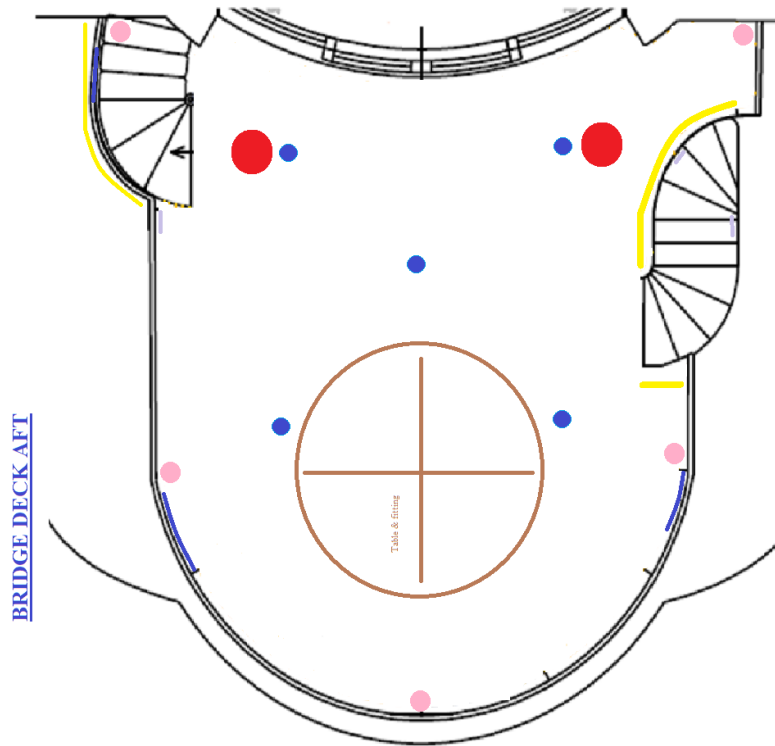
- Foot Step
- Access Plate
- Scupper
- Access Door
- Speakers
- Lockers doors
- Ceiling Lights
- Hand Rail
- Ventilation grill
- Fetards
- Buoy
- Camera
- Door Lockers

MAIN DECK



	Qty	Observation
Plexi Panel Posts		
Railings		
Rails		
Handrails	26 + 2	Hanrails + Bridge Deck Access
Posts		
Bimini		
Locker Doors		
Wing Consoles		
Bulwark Doors	5	Engine - Galley - Double Door
Access Doors		CO ² - Bosun
Access Doors w/window		
Glass Doors		
Sliding Doors		
Windlass		
Ventilation Grills Large	2	Engine
Ventilation Grills		
Scupper Grills	14	
Air inlet		
Staires & Ladder		
Hardware Various Types	1	Aft sofa
Windshiled Wipers		
Life Rafts		
Life davit		
Life buoy/Fender Guards		
Awning Grooves/guides		
Name Lettering		
Seats		
Bar Stools		
Counters		
Storage Boxes	10	
Step Platforms		
Tables	3	
Flag Pole		
Corne de brume		
Deck Crane		
Bulkhead Doors	2	
Gangway		
Bulkhead panel		
Screw Panels		
Head panel	42	15 Aft - 13 Port - 14 Starboard
Hardware Various Pieces	4	Eyes
Hose eyes		
Aft door garage door	1	Galley door locker
Radomes		
Radars		
Antennas		
Nav Lights		
Video Cameras		
Other Lights		
Overhead lights	27	
Small foot lights	12	
Remote controls		
Divers déconnexion	2	Speakers
MAT 2		
Antennas		
Nav Lights		

Bridge Deck Aft :

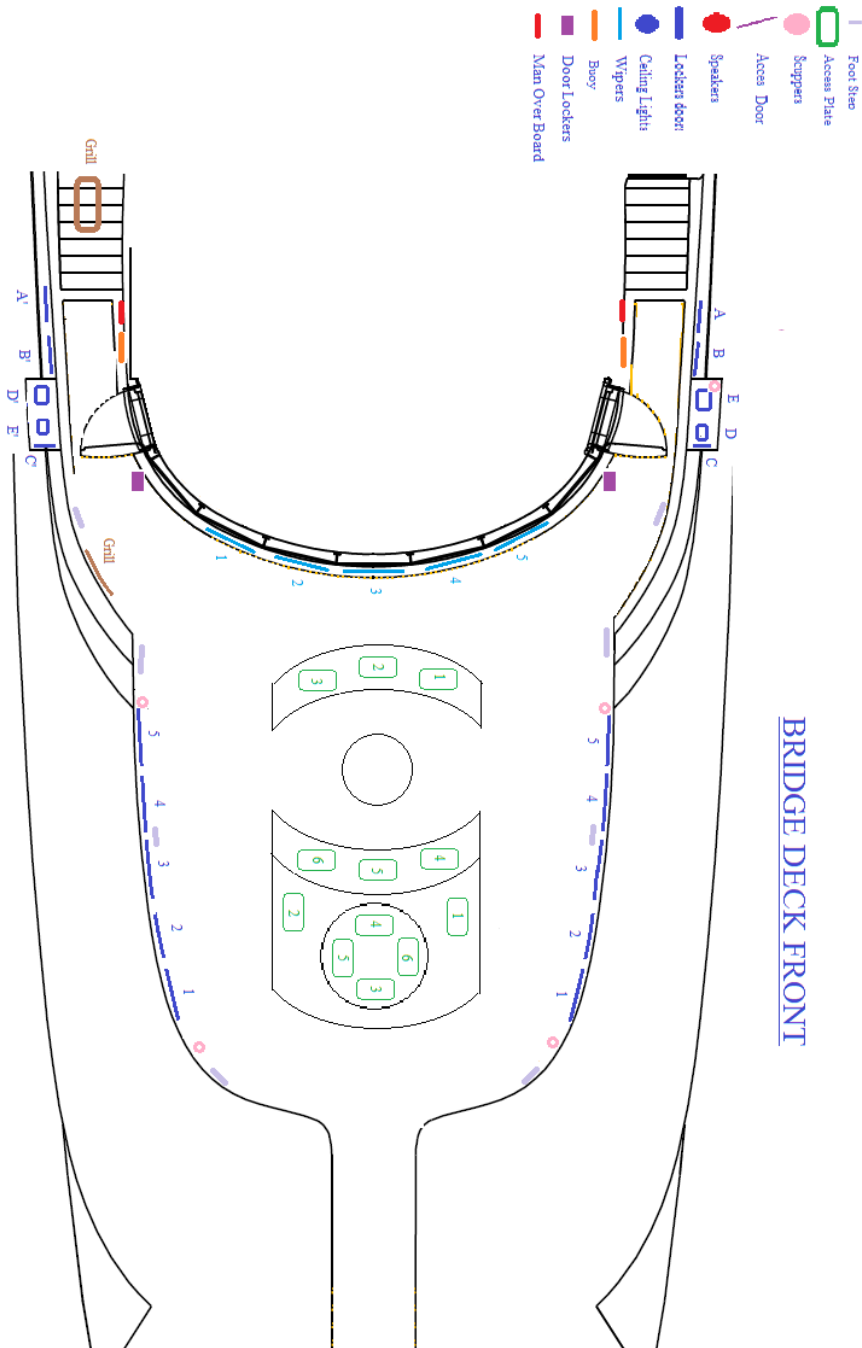


BRIDGE DECK AFT

- Foot Stair
- Access Plate
- Scupper
- Access Door
- Spallers
- Lockers doors
- Ceiling Lights
- Hand Rail

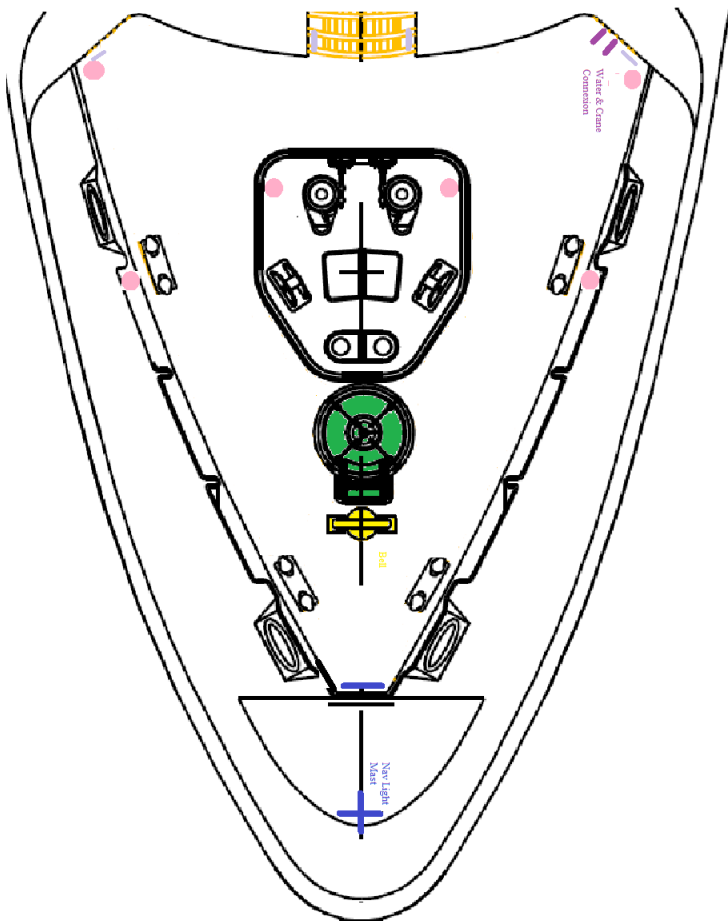
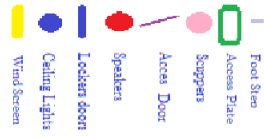
	Qty	Observation
Plexi Panel Posts		
Railings		
Rails		
Handrails	6	
Posts		
Bimini	2	Sun shade rail need to be replaced
Locker Doors	5	
Wing Consoles		
Bulwark Doors		
Access Doors		
Access Doors w/window		
Glass Doors	3	Main deck & Sun deck access
Sliding Doors		
Windlass		
Ventilation Grills Large		
Ventilation Grills		
Scupper Grills	6	
Air inlet		
Staires & Ladder	1	
Hardware Various Types		
Windshiled Wipers		
Life Rafts		
Life davit		
Life buoy/Fender Guards		
Awning Grooves/guides		
Name Lettering		
Seats		
Bar Stools		
Counters		
Storage Boxes		
Step Platforms		
Tables	1	Diner table
Flag Pole		
Corne de brume		
Deck Crane		
Bulkhead Doors		
Gangway		
Bulkhead panel		
Screw Panels		
Head panel	18	
Hardware Various Pieces	3	Eyes
Hose eyes		
Aft door garage door		
Radomes		
Radars		
Antennas		
Nav Lights		
Video Cameras		
Other Lights		
Overhead lights	10	
Small foot lights	3	
Remote controls	1	Sound control
Divers déconnexion	2	Speakers
MAT 2		
Antennas		
Nav Lights		

Bridge Deck Front :



	Qty	Observation
Plexi Panel Posts		
Railings	2	
Rails		
Handrails		
Posts		
Bimini		
Locker Doors	10	
Wing Consoles	2	
Bulwark Doors		
Access Doors	2	Wheelhouse
Access Doors w/window		
Glass Doors		
Sliding Doors		
Windlass		
Ventilation Grills Large		
Ventilation Grills		
Scupper Grills	6	
Air inlet		
Staires & Ladder		
Hardware Various Types	4	Acces trapp
Windshiled Wipers	5	Paint peel off - Motor shaft moving
Life Rafts		
Life davit		
Life buoy/Fender Guards		
Awning Grooves/guides	4	Around wheelhouse door
Name Lettering		
Seats	1	Front lounge & Sun Bath
Bar Stools		
Counters		
Storage Boxes		
Step Platforms		
Table	1	
Flag Pole		
Corne de brume		
Deck Crane		
Bulkhead Doors		
Gangway		
Bulkhead panel		
Screw Panels		
Head panel		
Hardware Various Pieces		
Hose eyes		
Aft door garage door		
Radomes		
Radars		
Antennas		
Nav Lights		
Video Cameras		
Other Lights		
Overhead lights		
Small foot lights	12	
Remote controls		
Divers déconnexion	2	Man Over Board
MAT 2		
Antennas		
Nav Lights		

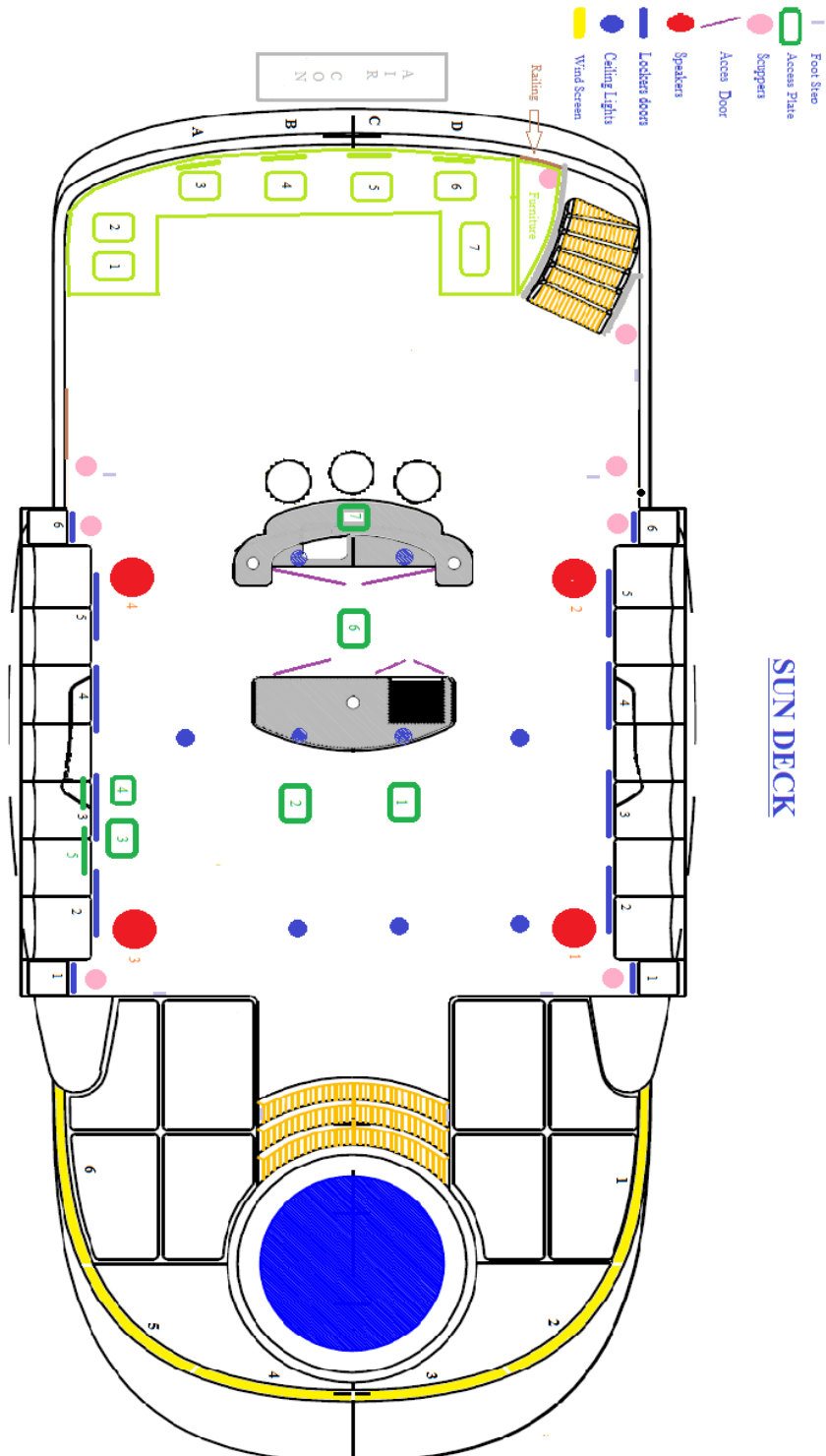
Forepeak:



FOREPEAK

	Qty	Observation
Plexi Panel Posts		
Railings		
Rails		
Handrails		
Posts		
Bimini		
Locker Doors	1	Below nav light
Wing Consoles		
Bulwark Doors	1	Hatch
Access Doors		
Access Doors w/window		
Glass Doors		
Sliding Doors		
Windlass		
Ventilation Grills Large		
Ventilation Grills		
Scupper Grills	4	
Air inlet		
Staires & Ladder		
Hardware Various Types	1	Bell & Support
Windshiled Wipers		
Life Rafts		
Life davit	2	Jet Ski
Life buoy/Fender Guards		
Awning Grooves/guides		
Name Lettering		
Seats		
Bar Stools		
Counters		
Storage Boxes		
Step Platforms		
Table		
Flag Pole		
Corne de brume		
Deck Crane		
Bulkhead Doors		
Gangway		
Bulkhead panel		
Screw Panels		
Head panel		
Hardware Various Pieces		
Hose eyes		
Aft door garage door		
Radomes		
Radars		
Antennas		
Nav Lights	1	With is own mast
Video Cameras		
Other Lights		
Overhead lights		
Small foot lights	2	
Remote controls		
Divers déconnexion		
MAT 2		
Antennas		
Nav Lights		

Sundeck:



	Qty	Observation
Plexi Panel Posts	1	
Railings		
Rails		
Handrails	4	
Posts		
Bimini	2	Sun shade rail need to be replaced
Locker Doors	12	Lockers are really rusty
Wing Consoles		
Bulwark Doors		
Access Doors	5	From th bar
Access Doors w/window		
Glass Doors		
Sliding Doors		
Windlass		
Ventilation Grills Large	1	Hood of air conditioning system
Ventilation Grills Large		
Scupper Grills		
Air inlet		
Staires & Ladder		
Hardware Various Types	10	Hood from the sofa
Windshiled Wipers		
Life Rafts	2	Hood panels
Life davit		
Life buoy/Fender Guards		
Awning Grooves/guides		
Name Lettering		
Seats	3	
Bar Stools		
Counters		
Storage Boxes	4	Around the jacuzzi lack lockers
Step Platforms		
Tables		
Flag Pole		
Corne de brume		
Deck Crane		
Bulkhead Doors		
Gangway		
Bulkhead panel		
Screw Panels	6	Ceiling panels
Head panel		
Hardware Various Pieces	4	Speakers
Hose eyes		
Aft door garage door		
Radomes		
Radars		
Antennas	1	Standard C
Nav Lights	3	
Video Cameras		
Other Lights		
Overhead lights	12	
Small foot lights	7	
Remote controls	1	Sound Control
Divers déconnexion		
MAT 2		
Antennas		
Nav Lights		

Swimm Platform :

	Qty	Observation
Plexi Panel Posts		
Railings		
Rails		
Handrails		
Posts		
Bimini		
Locker Doors		
Wing Consoles		
Bulwark Doors		
Access Doors	2	Bridge deck access
Access Doors w/window		
Glass Doors		
Sliding Doors		
Windlass		
Ventilation Grills Large		
Ventilation Grills		
Scupper Grills		
Air inlet		
Staires & Ladder		
Hardware Various Types		
Windshiled Wipers		
Life Rafts		
Life davit		
Life buoy/Fender Guards		
Awning Grooves/guides		
Name Lettering		
Seats		
Bar Stools		
Counters		
Storage Boxes		
Step Platforms		
Tables		
Flag Pole		
Corne de brume		
Deck Crane		
Bulkhead Doors		
Gangway		
Bulkhead panel		
Screw Panels		
Head panel		
Hardware Various Pieces		
Hose eyes		
Aft door garage door	1	Hydraulic motor need to be paint
Radomes		
Radars		
Antennas		
Nav Lights		
Video Cameras		
Other Lights		
Overhead lights		
Small foot lights	6	
Remote controls		
Divers déconnexion		
MAT 2		
Antennas		
Nav Lights		

Hull:

				Qty	Observation		
Plexi Panel Posts							
Railings							
Rails							
Handrails							
Posts							
Bimini							
Locker Doors							
Wing Consoles							
Bulwark Doors							
Access Doors							
Access Doors w/window							
Glass Doors							
Sliding Doors							
Windlass							
Ventilation Grills Large							
Ventilation Grills							
Scupper Grills							
Air inlet							
Staires & Ladder							
Hardware Various Types				18	Stainless Protection		
Windshiled Wipers							
Life Rafts							
Life davit							
Life buoy/Fender Guards							
Awning Grooves/guides							
Name Lettering							
Seats							
Bar Stools							
Counters							
Storage Boxes							
Step Platforms							
Tables							
Flag Pole							
Corne de brume							
Deck Crane							
Bulkhead Doors							
Gangway							
Bulkhead panel							
Screw Panels							
Head panel							
Hardware Various Pieces				4	Mooring stainless protection		
Hose eyes				8			
Aft door garage door							
Radomes							
Radars							
Antennas							
Nav Lights							
Video Cameras							
Other Lights							
Overhead lights							
Small foot lights							
Remote controls							
Divers déconnexion							
MAT 2							
Antennas							
Nav Lights							

Mast:

	Qty	Observation
Plexi Panel Posts		
Railings		
Rails		
Handrails		
Posts		
Bimini		
Locker Doors		
Wing Consoles		
Bulwark Doors		
Access Doors		
Access Doors w/window		
Glass Doors		
Sliding Doors		
Windlass		
Ventilation Grills Large		
Ventilation Grills	2	
Scupper Grills		
Air inlet		
Staires & Ladder		
Hardware Various Types	5	Access trapp
Windshiled Wipers		
Life Rafts		
Life davit		
Life buoy/Fender Guards		
Awning Grooves/guides		
Name Lettering		
Seats		
Bar Stools		
Counters		
Storage Boxes		
Step Platforms		
Tables		
Flag Pole		
Corne de brume	1	
Deck Crane		
Bulkhead Doors		
Gangway		
Bulkhead panel		
Screw Panels		
Head panel		
Hardware Various Pieces		
Hose eyes		
Aft door garage door		
Radomes	4	
Radars	2	
Antennas	2	
Nav Lights		
Video Cameras		
Other Lights	2	Search lights
Overhead lights		
Small foot lights		
Remote controls		
Divers déconnexion		
MAT 2		
Antennas		
Nav Lights		

Top Mast:

	Qty	Observation
Plexi Panel Posts		
Railings		
Rails		
Handrails		
Posts		
Bimini		
Locker Doors		
Wing Consoles		
Bulwark Doors		
Access Doors		
Access Doors w/window		
Glass Doors		
Sliding Doors		
Windlass		
Ventilation Grills Large		
Ventilation Grills		
Scupper Grills		
Air inlet		
Staires & Ladder		
Hardware Various Types	6	Access trapp
Windshiled Wipers		
Life Rafts		
Life davit		
Life buoy/Fender Guards		
Awning Grooves/guides		
Name Lettering		
Seats		
Bar Stools		
Counters		
Storage Boxes		
Step Platforms		
Tables		
Flag Pole		
Corne de brume		
Deck Crane		
Bulkhead Doors		
Gangway		
Bulkhead panel		
Screw Panels		
Head panel		
Hardware Various Pieces	1	lightning rod
Hose eyes		
Aft door garage door		
Radomes		
Radars		
Antennas		
Nav Lights	5	
Video Cameras		
Other Lights		
Overhead lights		
Small foot lights		
Remote controls		
Divers déconnexion	1	Camera
MAT 2		
Antennas		
Nav Lights		

Pictures :



Caulking

The caulking is to remove all the sealing where are there links between the deck, the portholes and the paint.

They must be removed and rested for a work according to the rule book and hide the lines of paints.



Method of Application :

Surface preparation:

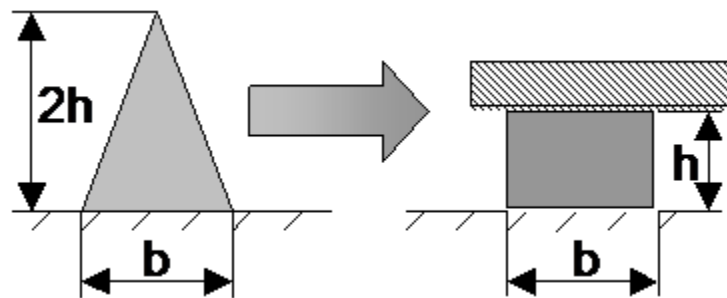
Surfaces must be clean, dry and free from all traces of grease, oil, dust, and standing moisture. As a rule the surfaces must be prepared with Sika Multiprimer Marine. Keep the work area shielded from direct sunlight and temperature extremes.

Application:

To ensure a uniform thickness of adhesive bead, we use a triangular bead. The nozzle cut dimensions and the number of beads applied are dependent upon the required width and thickness of the adhesive bead in the final assembly.

Not apply at temperatures below 10°C or above 35°C.

Bead configuration:



Batch number:

Sikaflex 295 UV → 3000700045

Sika Multiprimer Marine → 300061980

Scaffolding & Tenting

The scaffolding is the necessary tool to work and to perform a good painting job, to cover the boat as well.



Scope of work:

1. Scaffolding erection.
2. Implementation of the PVC roof structure.
3. Cover with plastic film.
4. Heat the tent to retract the cover plastic.

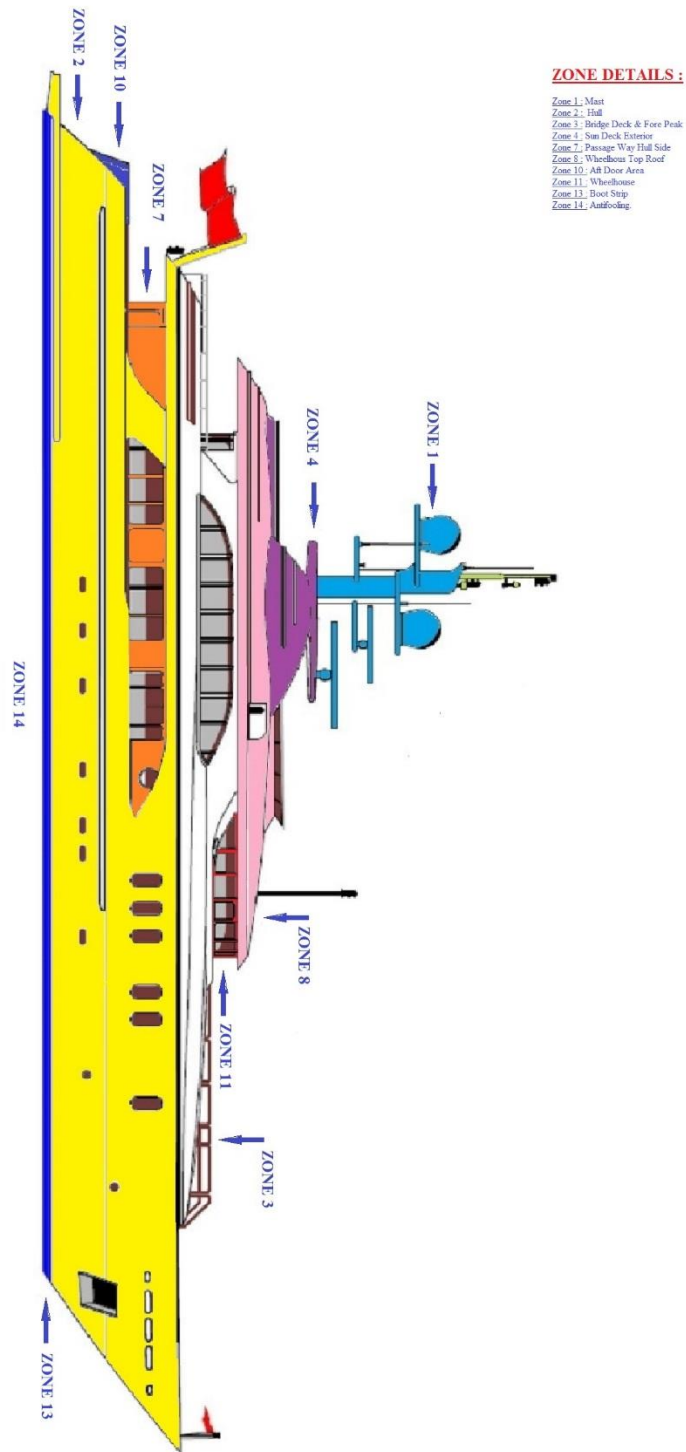
Pictures:



Cutting Line

Before to perform the paintjob it's usual to prepare a cutting line plan to know and to remind all the painting area .





Mast :

Zone 1



Sun Deck :

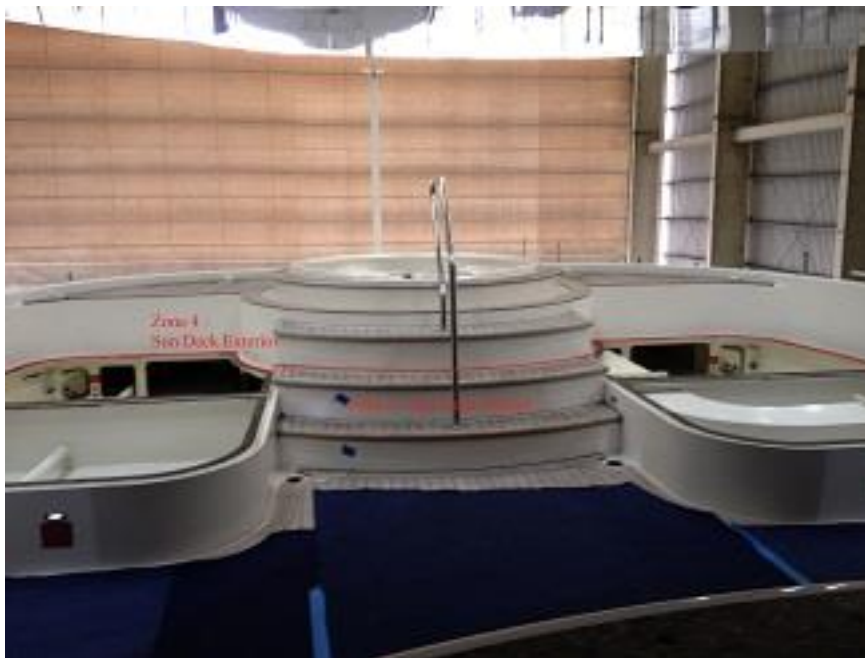
Zone 4 / Zone 5 Front



Zone 4 / Zone 5 Back



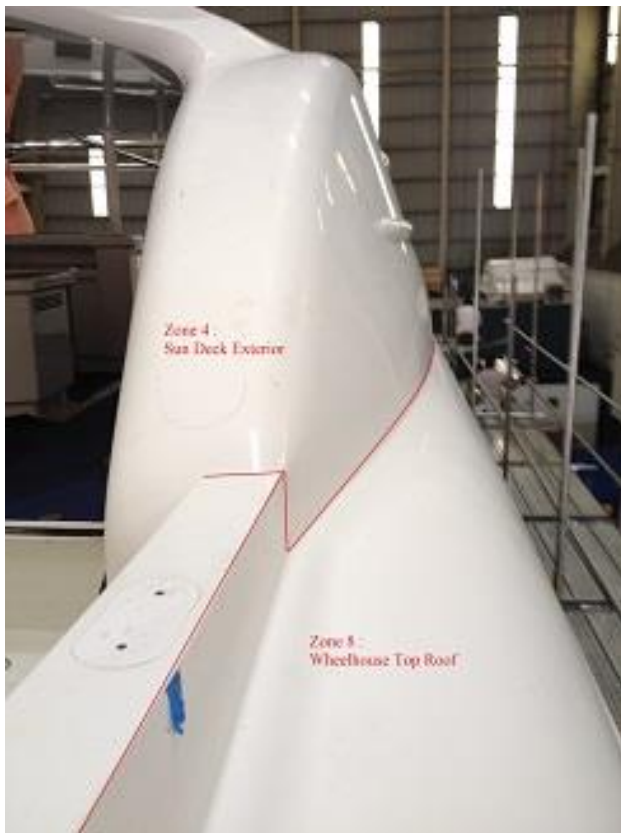
Zone 4 / Zone 5 Around jacuzzi



Zone 5 / Zone 8 Front



Zone 4 / Zone 8 Side



Brige Deck :

Zone 5 / Zone 12



Zone 12 / Zone 3 Back



Zone 12 / Zone 7



Zone 12 / Zone 7



Zone 3 / Zone 9



Zone 3 / Zone 9

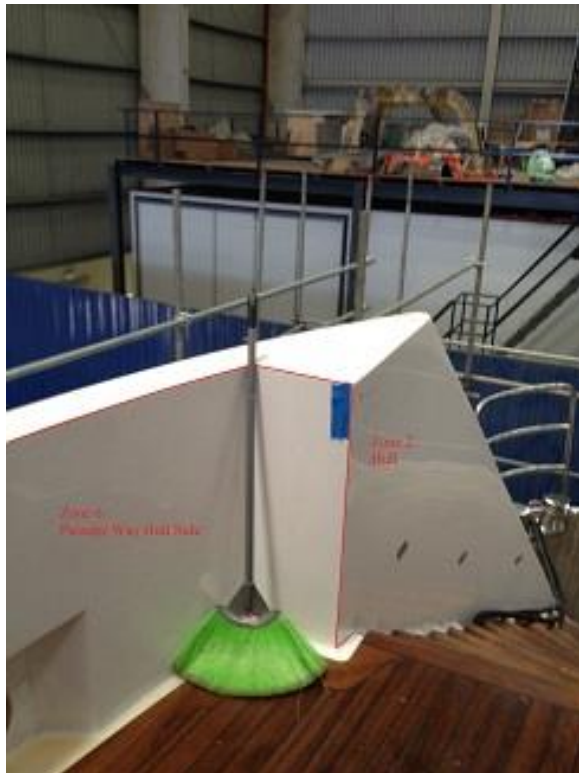


Main Deck :

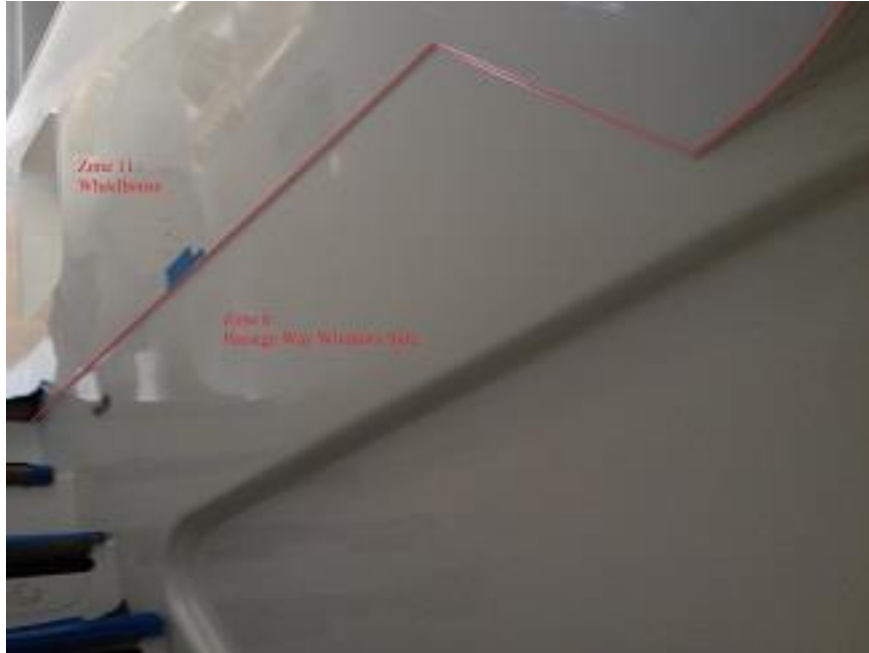
Zone 6 / Zone 7



Zone 6 / Zone 2



Zone 7 / Zone 11



Zone 7 /Zone 11



Climatic Condition

This study was programmed in view of particular tropical weather condition in Boutstead Shipyard Langkawi.

The conclusion of this record is that the critical moments for the application of paint are at the beginning of the day and at nightfall's.



STATEMENT OF HUMIDITY AND TEMPERATURE

Date : November 5th

ZONE	08:30 / 09:00									
	Statement						Average		Dew Point	
	T°	Hum %	T°	Hum %	T°	Hum %	T°	Hum %	°C	
Exterior	28,60	78,40	29,00	79,00	28,80	78,00	28,80	78,46	27,70	
Hull	28,50	83,00	28,50	80,60	28,40	80,00	28,46	81,20	24,90	
Main Deck	28,50	80,00	28,30	80,30	28,40	80,10	28,40	80,10	24,60	
Bridge Deck Front	28,50	81,30	28,50	79,60	28,50	79,50	28,50	80,13	24,70	
Fore Peak	28,50	79,00	28,60	79,00	28,60	79,00	28,53	79,00	24,50	
Bridge Deck Aft	29,00	77,80	29,00	78,00	29,20	78,30	29,00	78,00	24,80	
Sun Deck	28,80	78,80	28,80	78,90	28,70	79,00	28,80	78,90	24,80	
Mast	29,00	79,50	28,70	80,10	28,80	79,80	28,70	79,80	24,90	
Top Mast	29,00	79,50	28,80	80,30	28,90	79,90	28,90	79,90	25,10	
							28,67	79,49	25,11	

ZONE	10:30 / 11:00									
	Statement						Average		Dew Point	
	T°	Hum %	T°	Hum %	T°	Hum %	T°	Hum %	°C	
Exterior	32,70	78,00	34,00	73,00	33,00	72,00	33,23	74,33	28,00	
Hull	32,60	73,00	32,50	73,00	32,50	73,00	32,56	73,00	27,10	
Main Deck	33,30	73,40	32,50	73,00	32,30	72,80	32,70	73,06	27,20	
Bridge Deck Front	32,20	72,60	32,30	72,40	32,10	72,30	32,20	72,43	26,60	
Fore Peak	32,20	72,30	32,30	72,50	32,50	72,20	32,33	72,33	26,60	
Bridge Deck Aft	31,80	72,10	32,10	72,60	31,00	72,90	31,63	72,53	26,10	
Sun Deck	31,40	73,20	30,90	73,60	31,60	72,60	31,30	73,13	25,90	
Mast	31,80	72,40	31,90	71,80	32,10	71,50	31,93	71,90	26,20	
Top Mast	32,50	71,50	32,50	72,40	32,70	71,10	32,56	71,66	26,80	
							32,27	72,7	26,72	

ZONE	12:30 / 13:00									
	Statement						Average		Dew Point	
	T°	Hum %	T°	Hum %	T°	Hum %	T°	Hum %	°C	
Exterior	32,70	67,50	32,60	68,00	32,40	68,00	32,56	67,83	25,80	
Hull	32,80	71,70	30,60	72,70	31,90	71,30	31,76	71,90	26,10	
Main Deck	32,40	73,40	32,40	72,40	32,70	69,50	32,50	71,76	26,70	
Bridge Deck Front	32,60	72,00	33,00	70,40	33,00	70,40	32,86	70,93	26,90	
Fore Peak	32,80	71,20	33,00	70,80	33,00	70,40	32,93	70,80	26,90	
Bridge Deck Aft	32,90	69,80	33,00	70,00	33,00	69,80	32,96	69,86	26,70	
Sun Deck	33,00	69,80	33,00	69,40	32,90	69,70	32,96	69,63	26,70	
Mast	33,30	68,80	33,30	69,50	33,40	69,10	33,33	69,13	26,90	
Top Mast	33,80	71,70	34,00	69,40	34,00	70,60	33,93	70,56	27,80	
							32,86	70,26	26,72	

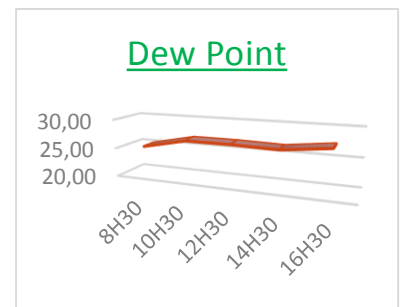
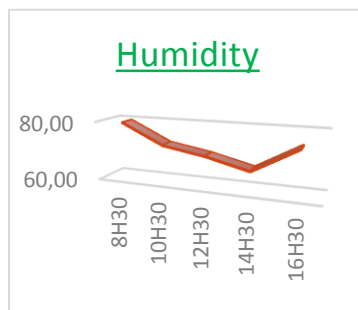
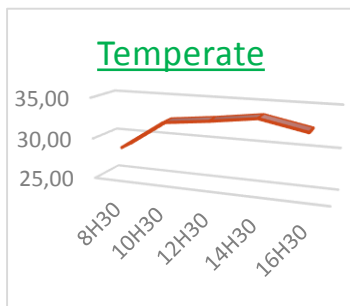
ZONE	14:30 / 15:00									
	Statement						Average		Dew Point	
	T°	Hum %	T°	Hum %	T°	Hum %	T°	Hum %	°C	

Exterior	35,00	65,60	34,40	65,00	34,00	66,50	34,46	65,70	27,10
Hull	34,10	66,80	33,80	66,10	33,40	66,20	33,76	66,36	26,60
Main Deck	33,00	67,30	32,80	66,10	33,40	66,20	33,06	66,53	26,00
Bridge Deck Front	33,10	67,00	33,30	67,00	33,20	67,00	33,20	67,00	26,20
Fore Peak	33,00	67,30	32,80	66,70	33,20	67,00	33,00	67,00	26,00
Bridge Deck Aft	33,20	66,50	33,30	66,70	33,30	66,80	33,26	66,66	26,20
Sun Deck	33,40	66,60	33,50	66,50	33,50	66,60	33,46	66,56	26,40
Mast	33,50	67,00	33,50	67,60	33,50	68,70	33,50	67,76	26,70
Top Mast	34,70	69,50	34,60	66,00	34,60	66,20	34,63	67,23	27,60
							33,59	66,75	26,53

STATEMENT OF HUMIDITY AND TEMPERATE

Date : November 5th

ZONE	TIME 16:30 / 17:00									
	Statement						Average		Dew Point °C	
	T°	Hum %	T°	Hum %	T°	Hum %	T°	Hum %		
Exterior	33,30	74,50	32,80	74,00	32,60	75,00	32,90	74,50	27,80	
Hull	32,10	75,60	32,20	75,80	32,00	75,50	32,10	75,63	27,20	
Main Deck	32,20	75,60	32,40	75,30	32,20	74,30	32,26	75,40	27,30	
Bridge Deck Front	32,30	75,10	32,50	75,00	32,60	74,70	32,46	74,93	27,40	
Fore Peak	32,50	74,90	32,60	74,80	32,70	74,80	32,60	74,83	27,50	
Bridge Deck Aft	32,20	74,90	32,20	74,70	32,30	74,80	32,23	74,80	27,20	
Sun Deck	32,40	74,70	32,40	74,60	32,40	74,00	32,40	74,43	27,30	
Mast	32,40	75,30	32,40	75,00	32,40	75,00	32,40	75,10	27,40	
Top Mast	32,80	75,60	33,00	76,00	33,00	74,50	32,80	75,36	27,90	
							32,46	74,99	27,44	



Masking

Before any works on board it is necessary to protect and masked everything the elements that it is not necessary to remove for the future works and the applications of paints.



Masking Pictures:



Glass protection



Masking taping team



Stairways after protection



Installation of the protection on the teak



Porthole taping protection



The team work on several deck in the same time

Inboard & Outboard Preparation



Preparation specification:

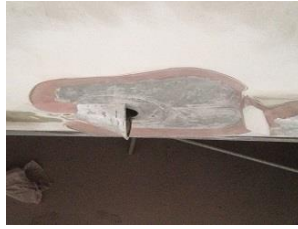
- Wipe down and general cleaning with water and soap.
- Treatment of surface damages:
 - Grinding to untouched substrate of disturbed areas.
 - Degrease and cleaning.
 - Application of **AWLGRIP** Hullgard Extra Epoxy Primer D6120 primer base coating.
 - Application as necessary of **AWLGRIP** Awlfair trowel able Fairing Compound Light Weight on treated areas.
 - Sand with grit 36.
 - Tape areas to be protected.
 - Apply one coat in two or three layers of **AWLGRIP** Ultra Build Epoxy Primer D8008 (DFT 375-500 micron).
 - Sand by board the **AWLGRIP** Ultra Build Epoxy Primer with grit 220.
- General sanding using hand and orbital machines with grit 220 finishing on all areas to be top coated.
- Tape areas to be protected.
- Apply by spray one coat in two or three layers of **AWLGRIP** 545 Epoxy Primer (DFT 80 micron).

Outboards Preparation Pictures:

Full preparation cycle around the portside generator exhaust :



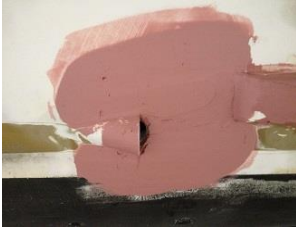
Corrosion Broken



Gridding



Hullgard Application



Fairing



Before Ultra Build Coating



Ultra Build & Tag



Ready for 545 after sand



With coating of 545 in two layers



Broken Corrosion



Grinding



Hullgard application



Fairing prepare



Application fairing in 3 layers



Sanding between every layers



Ultra Build application by spray



Sanding time



Apply of 545 Epoxy primer on all the boat in 2 layers

Application Records:

Surface Preparation and Priming - Aluminum

AWLGRIP Hullgard Extra Epoxy Primer.



1. Thoroughly clean and degrease the surface.
2. Grind with 36 grit disc to bright, clean aluminum. The metal be bright silver and completely free of gray oxidation.
3. Blow off the surface thoroughly with clean, dry compressed air or vacuum to remove all grind/sanding residue and any dust or dirt.
4. Apply **AWLGRIP** Hullgard Extra by roller or spray. For spray application apply 225 μ wet film thickness to achieve 4 mils (100 microns) dry film thickness.
5. Roller application (100 microns) dry film thickness.

<u>Batch Number:</u>	Base	D6120	PG 0776 UF
	Converter	D3730	PE 8485 UF
	Thinner	T006	PE 8657 UF

 www.reflex-yacht-painters.com	Paint Process Boutstead Langkawi Shipyard	
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APPLICATION RECORD

Yacht : Sensation	Project : Full Paint	
Record Nr : 1.1		
Date : 02/11/2013		
Applicator name : Laurent JOZELON		
Concerned surface : Aft Door - Top Mast - Multi Kind of Parts		
Product name, Color : Hullgard Extra Epoxy Primer D6120 / White Color		

Concerned surface			Climatic condition		
Sanding	Gritt :	40	Start	End	
	Dry / Wet	Dry	Application time	16:00	17:00
Washing	Product used	Aceton	Air Température	29,7°	30,2°
Cleaning	Dry compressed air & Aceton		Support Temperature	28	29
Antistatic rag	No		Humidity	68%	70%
			Dew point	21,5°	23°

Product apply					
Product name				Quantity :	
	Batch Nr	Mixing ratio-1st coat	Mixing ratio- 2nd coat	Mixing ratio-3rd coat	Mixing ratio- 4th coat
Base : D6120	PC7491UF	7			
Hardener : D3730	PE8485UF	1			
Thinner : T006	PE8657UF	15%			
Clear :					
Spraying duration		1 h			
Overcoating time					
Wet thickness	225µm				
Viscosity :					
Paint material	Spray	Nozzle size	1,8	Air Pressure	4 bars

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APPLICATION RECORD

Yacht : Sensation	Project : Full Paint	
Record Nr :1.2		
Date : 03/11/2013		
Applicator name : Laurent JOZELON		
Concerned surface : Hull Portside		
Product name, Color : Hullgard Extra Epoxy Primer D6120 / White Color		

Concerned surface			Climatic condition		
Sanding	Gritt :	40	Application time	Start	End
	Dry / Wet	Dry		17:00	18:00
Washing	Product used	Aceton	Air Température	32°	31°
Cleaning	Dry compressed air & Aceton		Support Temperature	31°	30°
Antistatic rag	No		Humidity	77%	75%
			Dew point	26,5°	26°

Product apply					
Product name				Quantity :	
	Batch Nr	Mixing ratio-1st coat	Mixing ratio- 2nd coat	Mixing ratio-3rd coat	Mixing ratio- 4th coat
Base : D6120	PC 7491 UF	7			
Hardener : D3730	PE 8485 UF	1			
Thinner : T006	PE 8657 UF	15%			
Clear :					
Spraying duration		1 h			
Overcoating time					
Wet thickness	225µm				
Viscosity :					
Paint material	Pencil	Nozzle size		Air Pressure	

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APPLICATION RECORD

Yacht : Sensation	Project : Full Paint	
Record Nr : 1.3		
Date : 05/11/2013		
Applicator name : Laurent JOZELON		
Concerned surface : Hull Starboard Side		
Product name, Color : Hullgard Extra Epoxy Primer D6120 / White Color		

Concerned surface			Climatic condition		
Sanding	Gritt :	40	Application time	Start	End
	Dry / Wet	Dry		16:30	17:30
Washing	Product used	Aceton	Air Température	32,3°	33°
Cleaning	Dry compressed air & Aceton		Support Temperature	32.5°	32.5°
Antistatic rag	No		Humidity	75%	75%
			Dew point	27,3°	27

Product apply					
Product name				Quantity :	
	Batch Nr	Mixing ratio-1st coat	Mixing ratio- 2nd coat	Mixing ratio-3rd coat	Mixing ratio- 4th coat
Base : D6120	PC 7491 UF	7			
Hardener : D3730	PE 8485 UF	1			
Thinner : T006	PE 8657 UF	15%			
Clear :					
Spraying duration		1 h			
Overcoating time					
Wet thickness	225µm				
Viscosity :					
Paint material	Pencil	Nozzle size		Air Pressure	

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APPLICATION RECORD

Yacht : Sensation	Project : Full Paint	
Record Nr : 1.4		
Date : 05/11/2013		
Applicator name : Laurent JOZELON		
Concerned surface : Bridge Deck Aft / Mast / Sponson / Swim Platform / Bridge Deck Ext		
Product name, Color : Hullgard Extra Epoxy Primer D6120 / White Color		

Concerned surface			Climatic condition		
Sanding	Gritt :	40	Application time	Start	End
	Dry / Wet	Dry		16:30	17:30
Washing	Product used	Aceton	Air Température	32,3°	33°
Cleaning	Dry compressed air & Aceton		Support Temperature	32.5°	32.5°
Antistatic rag	No		Humidity	75%	75%
			Dew point	27,3°	27

Product apply					
Product name				Quantity :	
	Batch Nr	Mixing ratio-1st coat	Mixing ratio- 2nd coat	Mixing ratio-3rd coat	Mixing ratio- 4th coat
Base : D6120	PC 7491 UF	7			
Hardener : D3730	PE 8485 UF	1			
Thinner : T006	PE 8657 UF	15%			
Clear :					
Spraying duration		1 h			
Overcoating time					
Wet thickness	225µm				
Viscosity :					
Paint material	Pencil	Nozzle size		Air Pressure	

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APPLICATION RECORD

Yacht : Sensation	Project : Full Paint	
Record Nr : 1.5		
Date : 06/11/2013		
Applicator name : Laurent JOZELON		
Concerned surface : Passage Way Portside & Starboardside		
Product name, Color : Hullgard Extra Epoxy Primer D6120 / White Color		

Concerned surface			Climatic condition		
Sanding	Gritt :	40	Start	End	
	Dry / Wet	Dry	Application time	16:30	17:30
Washing	Product used	Aceton	Air Température	29,3°	29°
Cleaning	Dry compressed air & Aceton		Support Temperature	28,7°	29°
Antistatic rag	No		Humidity	75%	73%
			Dew point	24,4°	23,7°

Product apply					
Product name				Quantity :	
	Batch Nr	Mixing ratio-1st coat	Mixing ratio- 2nd coat	Mixing ratio-3rd coat	Mixing ratio- 4th coat
Base : D6120	PC 7491 UF	7			
Hardener : D3730	PE 8485 UF	1			
Thinner : T006	PE 8657 UF	15%			
Clear :					
Spraying duration		1H			
Overcoating time					
Wet thickness	225µm				
Viscosity :					
Paint material	Pencil	Nozzle size		Air Pressure	

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APPLICATION RECORD

Yacht : Sensation	Project : Full Paint	
Record Nr : 1.6		
Date : 07/11/2013		
Applicator name : Karim Hachelef		
Concerned surface : Fore Peak		
Product name, Color : Hullgard Extra Epoxy Primer D6120 / White Color		

Concerned surface			Climatic condition		
Sanding	Gritt :	40	Application time	Start	End
	Dry / Wet	Dry		16:30	17:00
Washing	Product used	Aceton	Air Température	32,3°	33°
Cleaning	Dry compressed air & Aceton		Support Temperature	32.5°	32.5°
Antistatic rag	No		Humidity	75%	75%
			Dew point	27,3°	28°

Product apply					
Product name				Quantity :	
	Batch Nr	Mixing ratio-1st coat	Mixing ratio- 2nd coat	Mixing ratio-3rd coat	Mixing ratio- 4th coat
Base : D6120	PC 7491 UF	7			
Hardener : D3730	PE 8485 UF	1			
Thinner : T006	PE 8657 UF	15%			
Clear :					
Spraying duration		0H30			
Overcoating time					
Wet thickness	225µm				
Viscosity :					
Paint material	Pencil	Nozzle size		Air Pressure	

Fairing & Surfacing

AWLGRIP Awlfair LW Fairing Compound D8200.



1. Thoroughly clean and degrease the surface.
2. Fill and fair as necessary, several layers can be applied.
3. Sand the surface smooth with 80 / 180 grit paper between each layers.
4. Blow off the surface with clean, dry compressed air while dry wiping with clean rags to remove sanding dust and residue.

<u>Batch Number:</u>	Base	D8200	PG 1045 UF
	Converter	D7200	PE 1034 UF

Priming

AWLGRIP Ultra Build Epoxy Primer D8008.



1. Thoroughly clean and degrease the surface.
2. Sand the surface smooth with 120 / 220 grit paper with hand or machine
3. Blow off the surface thoroughly with clean, dry compressed air or vacuum to remove all grind/sanding residue and any dust or dirt.
4. Degrease by using **AWLGRIP** Surface Cleaner T0340 and cleaning with antistatic clothes.
5. Prime the entire surface with **AWLGRIP** Ultra Build with spray in two layers.
6. Spray application (100 microns) dry film thickness.

<u>Batch Number:</u>	Base	D6120	PG 0776 UF
	Converter	D3730	PE 8485 UF
	Thinner	T006	PE 8657 UF

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APPLICATION RECORD

Yacht : Sensation	Project : Full Paint	
N° de fiche (Record Nr) :2.1		
Date :11/11/2013		
Applicator name : Laurent Jozelon / Mehdi Saï		
Concerned surface : Hull / Bridge Deck & Forepeak Exterior / Top of Windows		
Product name, Color : Awlgrip Ultra Build Epoxy Primer D8008 / White Color		

Concerned surface			Climatic condition		
Sanding	Gritt :	80 / 120	Application time	Start	End
	Dry / Wet	Dry		10:00	13:00
Washing	Product used	T3040	Air Température	33°	29,4°
Cleaning	T0340 & Rags		Support Temperature	29,4°	28,7°
Antistatic rag			Humidity	77%	76%
			Dew point	28,4°	24,7°

Product apply

Product name					Quantity :
	Batch Nr	Mixing ratio-1st coat	Mixing ratio- 2nd coat	Mixing ratio-3rd coat	Mixing ratio- 4th coat
Base : D8008	PG 0776 UF	1	1		
Hardener : D3018	PD 8018 UF	1	1		
Thinner : T007	PE 8663 UF	7%	7%		
Clear :					
Spraying duration		1H00	1H00		
Overcoating time		0H30			
Wet thickness	260µ				
Viscosity :	Din cup 4:				
Paint material	Spray	Nozzle size	1,8	Air Pressure	4 bars

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APPLICATION RECORD

Yacht : Sensation	Project : Full Paint	
N° de fiche (Record Nr) :2.2		
Date :15/11/2013		
Applicator name : Laurent Jozelon / Mehdi Saï		
Concerned surface : Aft Door / Mast / Top Mast / Multi Kind Of Parts		
Product name, Color : Awlgrip Ultra Build Epoxy Primer D8008 / White Color		

Concerned surface			Climatic condition		
Sanding	Gritt :	80 / 120	Application time	Start	End
	Dry / Wet	Dry		14:00	17:30
Washing	Product used	T3040	Air Température	30°	28°
Cleaning	T0340 & Rags		Support Temperature	28,4°	28°
Antistatic rag			Humidity	70%	73%
			Dew point	23,9°	22,7°

Product apply					
Product name				Quantity :	
	Batch Nr	Mixing ratio-1st coat	Mixing ratio- 2nd coat	Mixing ratio-3rd coat	Mixing ratio- 4th coat
Base : D8008	PG 0776 UF	1	1		
Hardener : D3018	PD 8018 UF	1	1		
Thinner : T007	PE 8663 UF	7%	7%		
Clear :					
Spraying duration		1H00	1H00		
Overcoating time		0H30			
Wet thickness	260µ				
Viscosity :	Din cup 4:				
Paint material	Spray	Nozzle size	1,8	Air Pressure	4 bars

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APPLICATION RECORD

Yacht : Sensation	Project : Full Paint	
N° de fiche (Record Nr) :2.3		
Date :17/11/2013		
Applicator name :Johan Douag		
Concerned surface : Fore Peak / Bridge Deck Fore Interior / Wheelhouse / Stairway Maindeck → Bridge Deck		
Product name, Color : Awlgrip Ultra Build Epoxy Primer D8008 / White Color		

Concerned surface			Climatic condition		
Sanding	Gritt :	80 / 120	Application time	Start	End
	Dry / Wet	Dry		15H15	17:30
Washing	Product used	T3040	Air Température	31°	29,8°
Cleaning	T0340 & Rags		Support Temperature	30,4°	28,7°
Antistatic rag			Humidity	74%	74%
			Dew point	26,3°	24,7°

Product apply

Product name				Quantity :	
	Batch Nr	Mixing ratio-1st coat	Mixing ratio- 2nd coat	Mixing ratio-3rd coat	Mixing ratio- 4th coat
Base : D8008	PG 0776 UF	1	1		
Hardener : D3018	PD 8018 UF	1	1		
Thinner : T007	PE 8663 UF	7%	7%		
Clear :					
Spraying duration		0h45	0h45		
Overcoating time		0H45			
Wet thickness	260µ				
Viscosity :	Din cup 4:				
Paint material	Spray	Nozzle size	1,8	Air Pressure	4 bars

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APPLICATION RECORD

Yacht : Sensation	Project : Full Paint	
N° de fiche (Record Nr) :2.4		
Date :19/11/2013		
Applicator name :Johan Douag		
Concerned surface : Bridge Deck Aft		
Product name, Color : Awlgrip Ultra Build Epoxy Primer D8008 / White Color		

Concerned surface			Climatic condition		
Sanding	Gritt :	80 / 120		Start	End
	Dry / Wet	Dry		Application time	17:00 18:30
Washing	Product used	T3040	Air Température	31°	29,8°
Cleaning	T0340 & Rags		Support Temperature	30,4°	28,7°
Antistatic rag			Humidity	74%	74%
			Dew point	26,3°	24,7°

Product apply					
Product name				Quantity :	
	Batch Nr	Mixing ratio-1st coat	Mixing ratio- 2nd coat	Mixing ratio-3rd coat	Mixing ratio- 4th coat
Base : D8008	PG 0776 UF	1	1		
Hardener : D3018	PD 8018 UF	1	1		
Thinner : T007	PE 8663 UF	7%	7%		
Clear :					
Spraying duration		0H30	0H30		
Overcoating time		0H30			
Wet thickness	260µ				
Viscosity :	Din cup 4:				
Paint material	Spray	Nozzle size	1,8	Air Pressure	4 bars

Priming Before Top Coat



AWLGRIP 545 Epoxy Primer.

1. Thoroughly clean and degrease the surface.
2. Sand the surface smooth with 120 / 220 grit paper with hand or machine
3. Blow off the surface thoroughly with clean, dry compressed air or vacuum to remove all grind/sanding residue and any dust or dirt.
4. Degrease by using **AWLGRIP** Surface Cleaner T0340 and cleaning with antistatic clothes.
5. Prime the entire surface with **AWLGRIP** Ultra Build with spray in two layers.
6. Spray application (100 microns) dry film thickness.

<u>Batch Number:</u>	Base	D8001	PE 8661 UF
	Converter	D7001	PD 8422 UF
	Thinner	T006	PE 8657 UF

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APPLICATION RECORD

Yacht : Sensation	Project : Full Paint	
N° de fiche (Record Nr) :3.1		
Date :14/11/2013		
Applicator name : Laurent Jozelon / Johan Douag / Mehdi Saï		
Concerned surface : Hull / Bridge Deck & Forepeak Exterior / Top of Windows		
Product name, Color : Awlgrip 545 Epoxy Primer / White Color		

Concerned surface			Climatic condition		
Sanding	Gritt :	150 / 220		Start	End
	Dry / Wet	Dry	Application time	10:30	19:00
Washing	Product used	T3040	Air Température	33°	29,4°
Cleaning	T0340 & Rags		Support Temperature	29,4°	28,7°
Antistatic rag			Humidity	77%	76%
			Dew point	28,4°	24,7°

Product apply

Product name					Quantity :
	Batch Nr	Mixing ratio-1st coat	Mixing ratio- 2nd coat	Mixing ratio-3rd coat	Mixing ratio- 4th coat
Base : D8001	PE 8661 UF	1	1		
Hardener : D3001	PD 8422 UF	1	1		
Thinner : T006	PE 8657 UF	7%	7%		
Clear :					
Spraying duration		3H00	3H00		
Overcoating time		2H00			
Wet thickness	260µ				
Viscosity :	Din cup 4:				
Paint material	Spray	Nozzle size	1,8	Air Pressure	4 bars

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APPLICATION RECORD

Yacht : Sensation	Project : Full Paint	
N° de fiche (Record Nr) :3.2		
Date :17/11/2013		
Applicator name : Laurent Jozelon / Mehdi Saï		
Concerned surface : Mast / Top Mast / Aft Door / Multi Kind of Parts		
Product name, Color : Awlgrip 545 Epoxy Primer / White Color		

Concerned surface			Climatic condition		
Sanding	Gritt :	150 / 220		Start	End
	Dry / Wet	Dry	Application time	14:30	18:30
Washing	Product used	T3040	Air Température	30°	29,4°
Cleaning	T0340 & Rags		Support Temperature	29,4°	28,7°
Antistatic rag			Humidity	71%	73%
			Dew point	24,2°	21,8°

Product apply

Product name					Quantity :
	Batch Nr	Mixing ratio-1st coat	Mixing ratio- 2nd coat	Mixing ratio-3rd coat	Mixing ratio- 4th coat
Base : D8001	PE 8661 UF	1	1		
Hardener : D3001	PD 8422 UF	1	1		
Thinner : T006	PE 8657 UF	7%	7%		
Clear :					
Spraying duration		01:30	1H30		
Overcoating time		01:00			
Wet thickness	260µ				
Viscosity :	Din cup 4:				
Paint material	Spray	Nozzle size	1,8	Air Pressure	4 bars

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APPLICATION RECORD

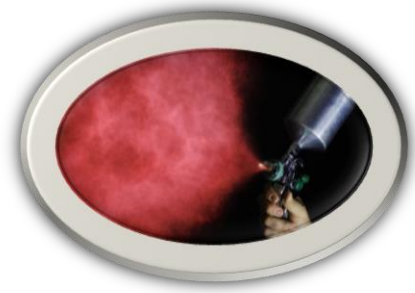
Yacht : Sensation	Project : Full Paint	
N° de fiche (Record Nr) :3.3		
Date :21/11/2013		
Applicator name : Laurent Jozelon / Johan Douag		
Concerned surface : Forepeak / Bridge Deck Front / Stairways Main Deck → Bridge Deck		
Product name, Color : Awlgrip 545 Epoxy Primer / White Color		

Concerned surface			Climatic condition		
Sanding	Gritt :	150 / 220		Start	End
	Dry / Wet	Dry	Application time	10:30	17H30
Washing	Product used	T3040	Air Température	28,6°	27°
Cleaning	T0340 & Rags		Support Temperature	27°	27°
Antistatic rag			Humidity	78%	78%
			Dew point	24,4°	22,8°

Product apply

Product name				Quantity :	14 Gallons
	Batch Nr	Mixing ratio-1st coat	Mixing ratio- 2nd coat	Mixing ratio-3rd coat	Mixing ratio- 4th coat
Base : D8001	PE 8661 UF	1	1		
Hardener : D3001	PD 8422 UF	1	1		
Thinner : T006	PE 8657 UF	7%	7%		
Clear :					
Spraying duration		3H00	3H00		
Overcoating time		1H00			
Wet thickness	260µ				
Viscosity :	Din cup 4:				
Paint material	Spray	Nozzle size	1,8	Air Pressure	4 bars

Top Coat Application



Preparation specification:

1. General sanding using orbital machines with grit 320 finishing on all areas.
2. General cleaning by using dry compressed air followed by a complete wash down of the areas.
3. Degrease by using **AWLGRIP** Surface Cleaner T340 and cleaning with antistatic cloths.
4. Apply by spray one coat in two or three layers of **AWLGRIP** Polyurethane Topcoat to (DFT 60 micron). Exact color reference Snow White.
5. Remove protection, general cleaning.

Antifouling:

EXPERTISE REPORT / TECHNICAL REPORT

M/Y SENSATION



Date intervention: From 07/10/2013 to 13/01/2014

1. Water pressure cleaning of hull

Appendages HP washing (rudders, stabilizers, bow thrusters, etc...)

2. Underwater hull preparation for antifouling.

- ✓ Scrape off fouling and flaking paint / detachments
- ✓ Grind bare metal areas
- ✓ Apply two coats of Seajet 117 Multipurpose Epoxy Primer on bare metal

3. Painting on hull.

Painting on hull

- ✓ Masking of waterline to allow painting of boo top.
- ✓ Masking zinc anodes and sensor.
- ✓ One hull full 2 coats, Seajet 033 Shogun Self-polishing Antifouling, application by roller (525 sqm each) of 50 DFT thicknesses each + extra coat on the smile line (130sqm).

Stabilizers

- ✓ Per set stabilizers fins.
- ✓ Scraping, sanding, and priming with 2 coats.
- ✓ Painting with 2 coats of white International antifouling each fin.

Surface Preparation and Priming - Aluminum

SEAJET 117 MULTI PURPOSE EPOXY PRIMER.



1. Thoroughly clean and degrease the surface.
2. Grind with 36 grit disc to bright, clean aluminum. The metal be bright silver and completely free of gray oxidation.
3. Blow off the surface thoroughly with clean, dry compressed air to remove all grind/sanding residue and any dust or dirt.
4. Degrease by using *Seajet* Thinner E.
5. Apply two coat of *Seajet 117 Multipurpose Epoxy Primer* by roller or pencil.
6. Roller application (225 microns) film thickness.

<u>Batch Number:</u>	Base	Part A	3302226
	Converter	Part B	3302324
	Thinner	Thinner E	330573

Boutstead Langkawi 15/03/2014

**M/Y SENSATION
Captain Sebastien Boutin**

OBJECT: Antifouling Certificate

To whom it may concern.

I hereby certify that Reflex Yacht Painters has applied two full coats of Antifouling Seajet Shogun 33 on M/Y SENSATION – January 2014

Batch Number:

- Seajet 033 Shogun Self polishing Antifouling Black Colour : 3304195
- Seajet 117 Multipurpose Epoxy Primer Component A : 3302226
- Seajet 117 Multipurpose Epoxy Primer Component B : 3302324
- Seajet Thinner E : : 330573
- International Ultra High Strength Hard Antifouling White Colour : 080513111707

Mehdi Sai

CEO

Our Partner:

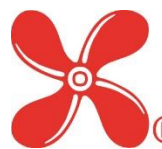
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Data Sheet: