

## Renovation of Rotunda II start under Autumn 2019



**The wooden sail ship was purchased under a stormy autumn period in rather neglected status**

A Classical wooden sail ship from 1902. Rebuilt many times over the years with added and changed structures well documented in 2 books covering the history

The initial inspection revealed fair bit of healthy wood structure, some location in bad shape, water ingress via the leaking deck was in practice raining inside, that paired with water just at engine bottom, and 5cm left to watersurface and hole at the right side of the ship , also funky development across the structure , and it was not possible to stay inside for length of time. Ragsack full of white funky was even at the frontal part

Basically it was a dark wet funky hole, a dying ship cold as well and she was on its way down and risk of sinking was there. It was not a suitable location either without electric from land which is always important with wooden boats, there conditions rules and regulations has proofed to hinder renovation and works with much needed electricity of fine old ships. Systems of electrics was in practice disfunc, and complete temp work lights has been done as separete system outside the basic system. **Apparantly hardship to establish a location with electrical supply in order has been a cause of detoriated conditions a common cause for fine old wood ships which occurs in the Nordics thus in mind many does not want this type of boats or work projects in mind looking ugly and in bad condition, a beauty as she was in former times...**

My other boat Vega 27 fully equipped for live aboard was brought at the location of the ship. That provided possibility to eat, sleep and not move the ship until clarity of the condition was in more depth understood. That also in mind home and office in Kristiansund Norway with work tools there as well.



The initial slight hardship to not have electric from land, nor proper wc and shower made workload higher to care for own living a issue of concern the first month or so. The first was to drench the deck with diesel and mineraloil mixture as per 1905 istructions found online a couple of times, then finding where is the rott to stop more water ingress.

Wood was placed temporarily and removal of rotten wood was applied so to let it dry out, aprox 9 mtr was clearly in much decay status, this as seen on photoalbum 1 .Anothere few meters does exsit at aft behind cabin.

Photo album 1

[woodreplacementlargeone1.pdf](#)

The rudder was stuck and it became obvious that this could be a dangerous issue if movin the rudder violently front and backward with high pressure on the hydraulic cylinders, and creep in inspection revealed upper topper holding plate and pipe has got stuck an rusty and a day on this hammering and oiling got this to loosen up lucky enough.

A oil paint without sanding was brought on the top outside surfaces so to stop ingress and further decay that in mind coming winter for its internal first layer of work.



**I have then selected to make the renovation in several stages, same also means repeating the exercise somewhat, due to slight pressure from others surrounding my locations making various threats and statements since spring 2014 kristiansund, which formed the path to make it movable and functional first.**

***Make it possible to work at, the ship 3 months***

**A. Secure and dry up** *Almost done frontal needs additional heater*

**B. Light up with ground paint and light and dry up** *Almost done frontal needs additional heater*

**C. Get functional** *Almost done frontal needs additional heater , needs better installations*

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***Make it possible to work with the ship as office and stay place 3 months***

**D. Sand and oilpaint over groundpaints** *Arriving jobs*

**E. Sanitation and water** *Arriving jobs*

**F. Electrical base systems** *Arriving job*

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**G. Sell of Vega 27 after clean up at drier and warmer month** *Arriving jobs*

**H. Move Rotunda on land after capital from G.** *Arriving jobs*

**I. Paint up outside spring summer 2020**

**J. Mast cleanup and paint**

**K.**

**L.**

***Make it possible to work with the ship as income educational place to cover the costs***

**Dieselsenset serious install** *Arriving jobs* **Refrigator install** *Arriving jobs*

**Seajeep/30-50hk** *Arriving jobs* **Liferaft new** *Arriving jobs*

**Diving gear 9 pers** *Arriving jobs* **Fishing gear for 9 pers.** *Arriving jobs*

**Watermaker** *Arriving jobs* **5 Solarpanels** *Arriving jobs*

1.

A. Stop water ingress and cover surfaces with first layer of paints *Almost done frontal needs additional heater*

B. Check basic functionality of sails, steering and so forth *Almost done*,

C. Increase heat and warmth and air circulation onboard **Done add fans**

D. Make a living space for work onboard **Done**

E. Move all equipment from Vega 27 Rotunda to Rotunda II **Done**

F. Turn engine **Done**

G. Load battery's which proved difficult and near impossible

H. Raise sail and see conditions. **Done**

I. To bring here on land is a quest of selling off Vega27 First so to secure capital for that work

It sort of make sense keeping separate economy from other revenues. Ship and boating is separate economy going hand in hand, the equations is just moving assets and resources from one to another it seldom makes any profit, it covers the cost. Hopefully

2.

A. It arrived a absolute must prior more storms and no land electric as well others shortcircuited the loading procedure of the battery's at a open marina area, that it became a emergency situation to bring here to a better place for more works and assistance was requested, and with the kind help of rs.no they made the small distance possible to a fine secure location with facilities.

Here the Vega 27 was lifted on land and basic cleaning of hull and internal started, the cold rainy weather brought some stopper to further painting up here inside, in mind heaters and all is now used on Rotunda II While springtime and summer goes for the stay onland for the Vega 27 for a further lift up of ev a deal to sell here off A.

Now started internal works there a first layer of ground paint in stay area, frontcabins, roof, engineeroom

**This to be sanded and painted with thick oilpaint of quality**



Middle is conditions across **under the bed and roof as well**, and across right is 2 layers ground, and left is Groundpaint 3 times, fill in holes Oilpaint 1

**Sanding and 2 layers oilpaint to make**



This is work across entire structure basically a massive undertaking, this is engineeroom with heating pipe and stove installed prior purchase and battery room, all at purchase point a very dark murky place. **Now substantially lit up and a brighter place to work with.** Many dark wood places as table, bed sides, and doors will be left with its woody structure and varnished.

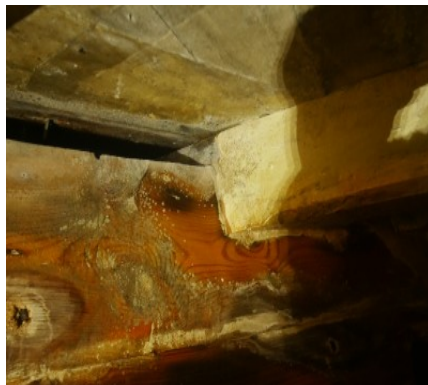
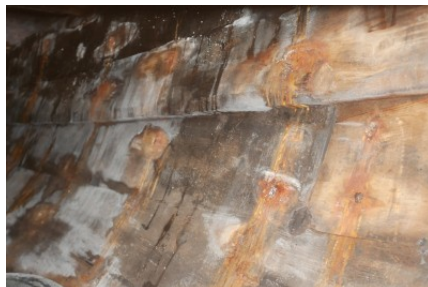
Basic color scheme that may fit the times, of White, Dark and Light woody brown, Magenta and Dark and Light Grey , hints of black, and clean metals of alumium/silver/copper/bronze of important marine details

Lines of red and green and slight yellowish gold would be there as well engraved probably.  
***Greygreenwhite gets overhauled across for sure I feel especially rectangular areas if so be found***

**AFTER** ground color surfaces, to sand and make thick oilpaint



**BEFORE** surfaces, left under first waisted colors runing down on the surface from above job



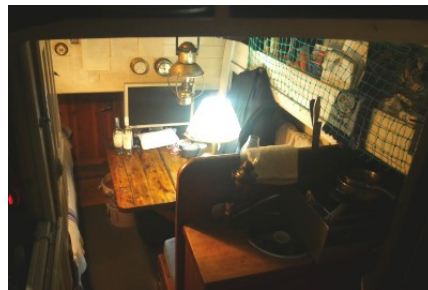
*Conditions across was like this inside, simply a disasterzone of magnitude  
Somewhat a dangerous place as well, thus in mind white /not only funky across*

Better loading and lighting was established for the works across the internals, this is outside existing system  
C.

All functionality of navigation was established as the threats across the day has been persistent.

D.

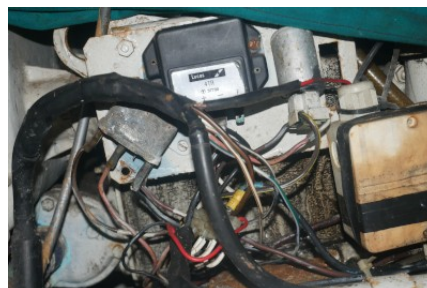
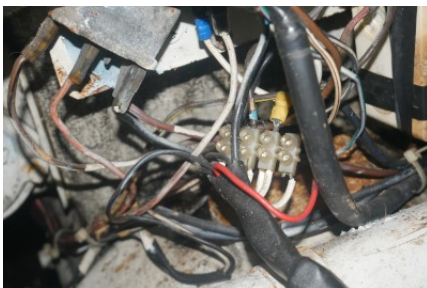
Carpets was also laid as to have a work liveable space, this are easily upgraded as time goes.



Now at winter 2020 having passed Christmas and new year, the lady in some wind is like dancing again... its substantially lighter and drier inside , and basic functions is emergency wise there. It has been full time work since autumn 2020. And plan is 2021 at spring to have here ready.

### **Some details of work ahead**

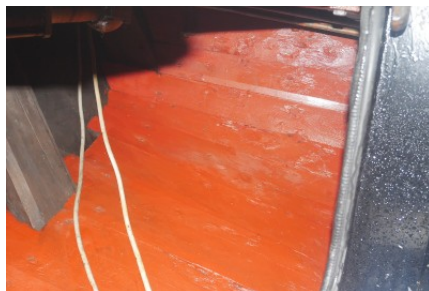
Electrical Ignition base systems needs a total overhaul as well 12 Volt lighting there bulbs would be replaced with 12V stronger light version inside brass fixtures.



Fix up and paint up light rudder area, very white fungy area as well



*After no fungui*



This area of deck beam is at critical stage aft left behind main cabin 50% is gone It has not yet been taken out due to wanting to make this wood first

[woodreplacementlargeone1.pdf](#)



## After

Other minor parts 1 meter or so on each end side of a longbeam across frontal engine room needs deeper check and control as well

### **Wood replacement**

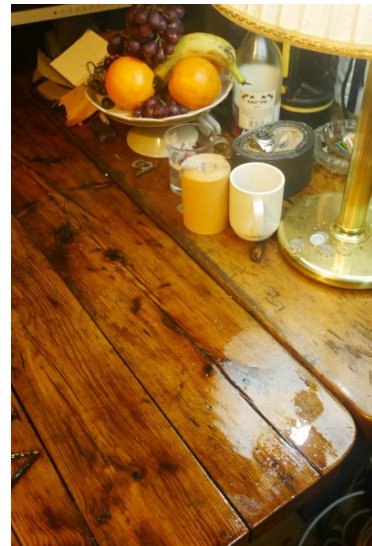
Finding some core wood of fair bit quality so at least get the rott which is like soft black earth , to not be rotten taken out and empty oak prices and quests around this area has stayed unanswered so far. So in meantime the pieces are worked with as found with tar and coat paint and bolts of quality form a replacement until oao replacement is there

### **Picture**

**Bathroom and sleep area front after paint**



**Table left side varnished**



**Nail definition as per earlier done on another ship, this also requires in time attentions and tools and method for replacement across structure is estimated earlier in a smaller boat case.**

**Some has start to loose its head at inside and cover of epoxy color and puttuo hopefully could stop oxygen and wetness to further detoriate the nails, which**

## **Equipment list moved from Rotunda to Rotunda II and installed**

*Most equipment 95% + was purchased in connection to startup School Navigation & Linux server sales in Smøla Outside Kristiansund Norway which became a stopped venture due to a long range of financial sanctions put in place either from remote gui operations in Informatics without oversight or authorizations from state employes, or by direct order from source I have not yet fully identified, the case is at advio.no and others like creditors and so forth. For clarification. I hope of natural reasons. As per damagecase in Sweden jk.se and judicium.no still not sorted out*

Chartplotter Norwegian coast  
Books complete set Imray navigation pilots  
VHF seacom 200  
Handheld VHF  
Epirb  
Stereo complete system  
USB loader  
12v to 220 Converter  
Grill albeit rusty  
Genset 5000 watt  
AIS box not tested functional yet was functional  
2 Fire extinguisers 5 firewarners, 2 buckets and make 9v supply system instead of batterys  
Little rowboat  
Larger anchor  
Gaskitchen in mind old on Rotunda II was faulty is now suddenly the rotundas Gaskicthen also manipulated with if so?it does not change status and function by itself while be away from the boat.  
Sleeping bags and clothing  
A3 color printer and laptop  
Seacharts and navigational tools  
Costume and shoes operational  
Electric heater  
Electric cooker  
220V pump  
Wine production unit  
Compass handheld  
Kicthen plates needs upgrade again frequent disaperance was also in campervan over the years system fault and sick I assume.  
Drone complete No mobile fix that  
Outboard enginee Honda  
Medical kit  
Parafin heater  
Axe and knives  
Binocular  
Safety float dress  
Dj lamp  
Diesel and benzin tank  
Marine cable electric & 220 extension cables  
Samsonite suitcase  
Complete toolset and hand tools of all kinds



## **Work list done, not in date order**

Rudder loosened rust at top  
oiled deck twice  
Taken out rott wood in several places  
Moved project to more secure location  
Raised both sails  
Turned engine  
Painted up stay area ground paint  
Moved equipment and installed from Vega 27 Rotunda to Rotunda II  
Added wood around mastfoot , change plastic under still leak  
Added tentcover, which proofed to weak  
Sorted out watch  
Started electric central work functions, to be 12v only  
Gas kitchen work, but manipulations or oddity of concern both kitchens  
Secured outside lighting for renovation 500 watt, to led tech  
Did epsom renovation battery some worked  
Added covers for rottholes at several places  
Woodheat put on across the days to dry here out  
Sorted out insurance and exorbant time to change to correct details and years feel manipulations on here external  
Registration and cards and insurance wanted in English, that was not possible from any party, so must make own. Which seems odd in mind internatioanl organsiations and connections  
Painted up little on doghouse  
Fixed madrasses several more at await  
Sorted out clothes and books, navigational Imray books of importance  
Found anomalitys and likley remote manipulation battery loaders  
Fire extinguisher and alarms, pin was removed, batterys need more 9v across or external line  
Added support beams at engineearea after removed total rott  
made temp bookshelf  
Moved outboard to big one  
Emptied water many times substantial dryer now  
Moved battery to deck /loaded installed 2 more to make  
Wood for fire sorted out for heating , no electric heating  
Insurer and registration done, but not moved epirb vhf yet reg due to renovation  
one laptop down again manjaro , get another one again have one  
Fixed 7 person sleep places 3 ok with sleep bags  
Made 12v-5v 220v genset-loader functional need upgrade  
Vhf up and work  
220v pumpup and work  
handpump installed extra have also another aft  
Lantern left and right top works aft not , upgrade to LED  
gangway produced make better wheels and lifting system  
Depth sounder works needs install  
Radar check and kaputt  
painted up frontward area as well some carpet and addedworklights  
Got chart plotter up and working  
Music system works small mp3 with headset and bigger one  
Frontal door rusty jammed up , got it functional status, neds still uplift  
Door lock fixed  
Additional barometer fitted  
Defined bottomventil functional rustfrei, handle rusty and off  
Sent out request of oak replacement and prices to several firms knowing this trade, not much answers at all.  
Painted up engineerom area, tanks, roof, battery area ground paint  
Compass outside sanded and painted added 12v electricity and cabling to swtich  
Sanded aluminum tank left side  
Arranged 500 w worklamp engineeroom

Arranged 2 worklamps in frontal part 220V  
Painted sidefloor frontal part magenta  
Painted groundpaint all 4 cabin areas front  
Batterycompartment ground paint white and carpet remake litte  
Better sound capability added  
Clear paint bed areas frontal  
Arranged and fixed bigger loader  
Worked up frontal door better  
Defined oak to be repalced awaiting riska

Rudder area painted up  
Portable 220V lamp and cable made  
4 battery loaded engineeroom 12.4-12.6 support loading minimal 14v 2-3 amp across 7 batterys  
Found some meters of acceptable wood, one beam needs check for holes,worms for deck housing in non oak cleaning  
Upper right cabin carpet some

### **Onwards worklist towards 2021 Springtime Outside work is at spring time mars-June**

Making website of worklists. January 2020

Paint up outside hull  
Paint up rudder area  
Replace removed wood  
Bottom paint and ev replacements  
Sand deck and replace wood in places found  
Replace aft beam deck behind kitchen  
Install depth sounder  
Convert 220/12v mix system to be only 12V across  
Dieselgenset install  
Lights deck install  
Sand propulsion system and paint  
Paint up enginee  
Climb mast and paint  
All blocks oil  
Anchor paint  
Toolchest/ area to work out  
Small boat arrange with enginee 35-45hk?liftable onboard  
Sell Vega 27 and renovate  
Small 12v electric fans for more circulations between inner and outer hull.  
Add more pumps 220V aft and front  
Add 5 solar panels aft  
Install refrigator  
Install shower  
Check watertank manhole clean inside if need  
Check change diesel clean and paint tank  
Lanterns change to LED and stronger

rusty ketting paint and dry up  
Dishwater/freshwater system fix  
Rope across drench in something and test inspect  
Blocks oil and inspect  
Add better battery cabling and shoes and a switch  
Mast climb and fix lines and paint up seal crack inspect  
Either mastcrane more secure or add steps in mast system?check online  
Remove sails and wash  
Ceramic paste jotul fix  
Register VHF and Eprib over to Rotunda when insurance has cleared up internal mess.  
Clean little boat and paint here up and fortify the aft for outboard  
Make floor better with spacing between and removable in engineeroom

#### Minor issues of concern:

Insurance has taken exorbant time to change to correct name and year and provide conditions in authorized english that paired with removal of rotten wood in structure near mast and not answer on replacement wood prices has delayed moving any mast details so to minimize any risks, the insurance company is well known and has fine reputation and the kasko insurance is ok, albeit “adjusted to fit just my conditions” seems to need a finer degree of examinations, which seems to be underway I hope.

Another matter of concern, in mind earlier events and threat picture hack I skivan style the moving in of the frontal pin, means only one wire to support mast backwards, if that shackle or wire is cut of the entire mast could fall backwards and crush the cabin and me.

This since the wiring holding the mast at middle is placed behind towards the aft of the mast and has not been placed symterical to have the mast in the middle so to have that support. That risk I would avoid, and the space could be increased to move the boat sideways to next free place, but to avoid sanding and dust spreading which I could manage.

There is also another risk with this , that is if moving in the bowspray/frontal pin there is only one wire holding the entire mast from falling backwards, and in mind earlier outright thefts and sabotage on my other boats, the cutting of the shackle is 1 minut jobb, and the weight of the mast will probably crush the cabin and me inside= dangerous thing.