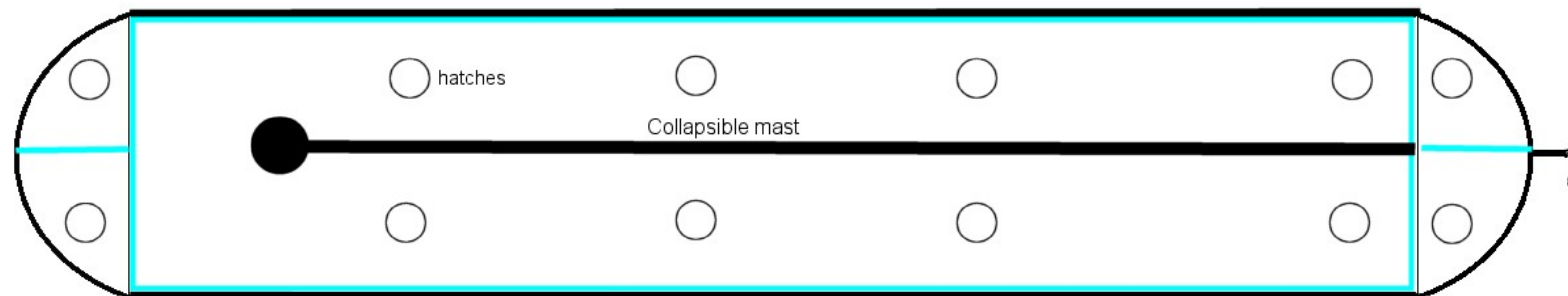


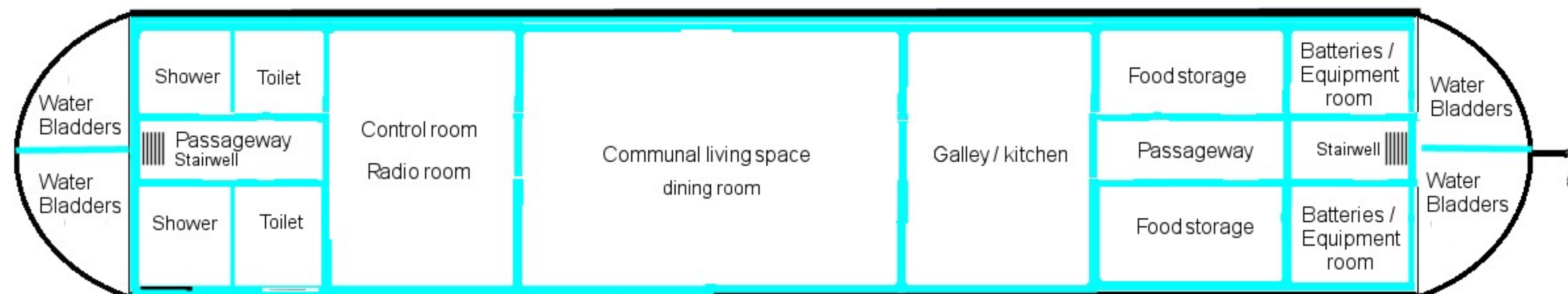
# ZAV-II Semi-Submersible 48 Crew Version

By Danny Searle

TOP VIEW SHOWING HATCHES

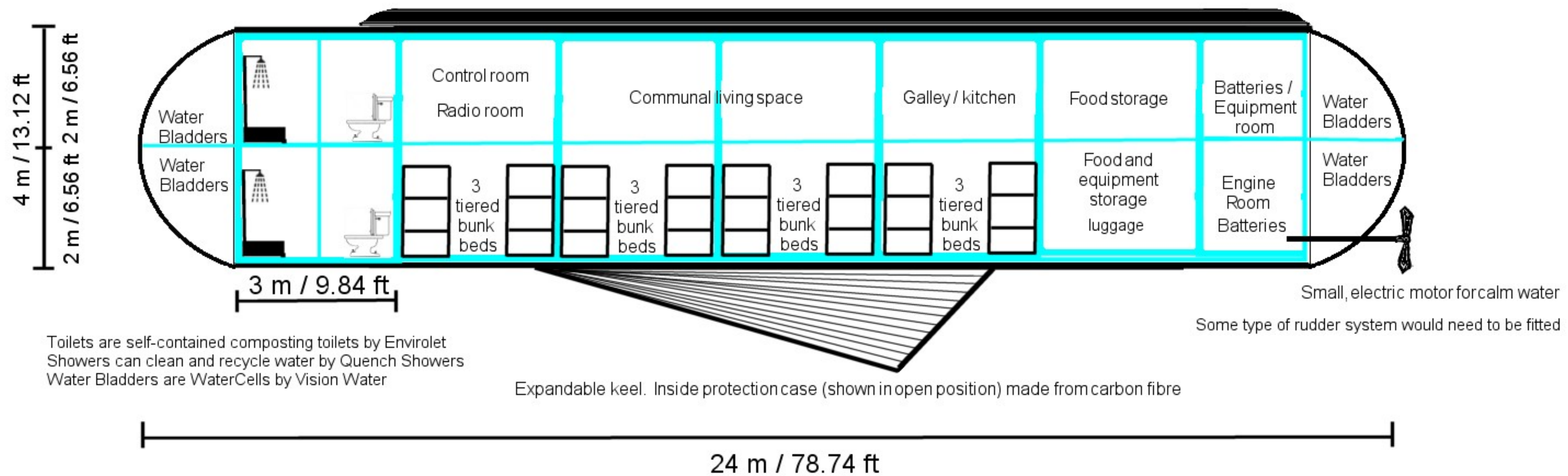


TOP VIEW INTERNAL ROOMS



SIDE VIEW

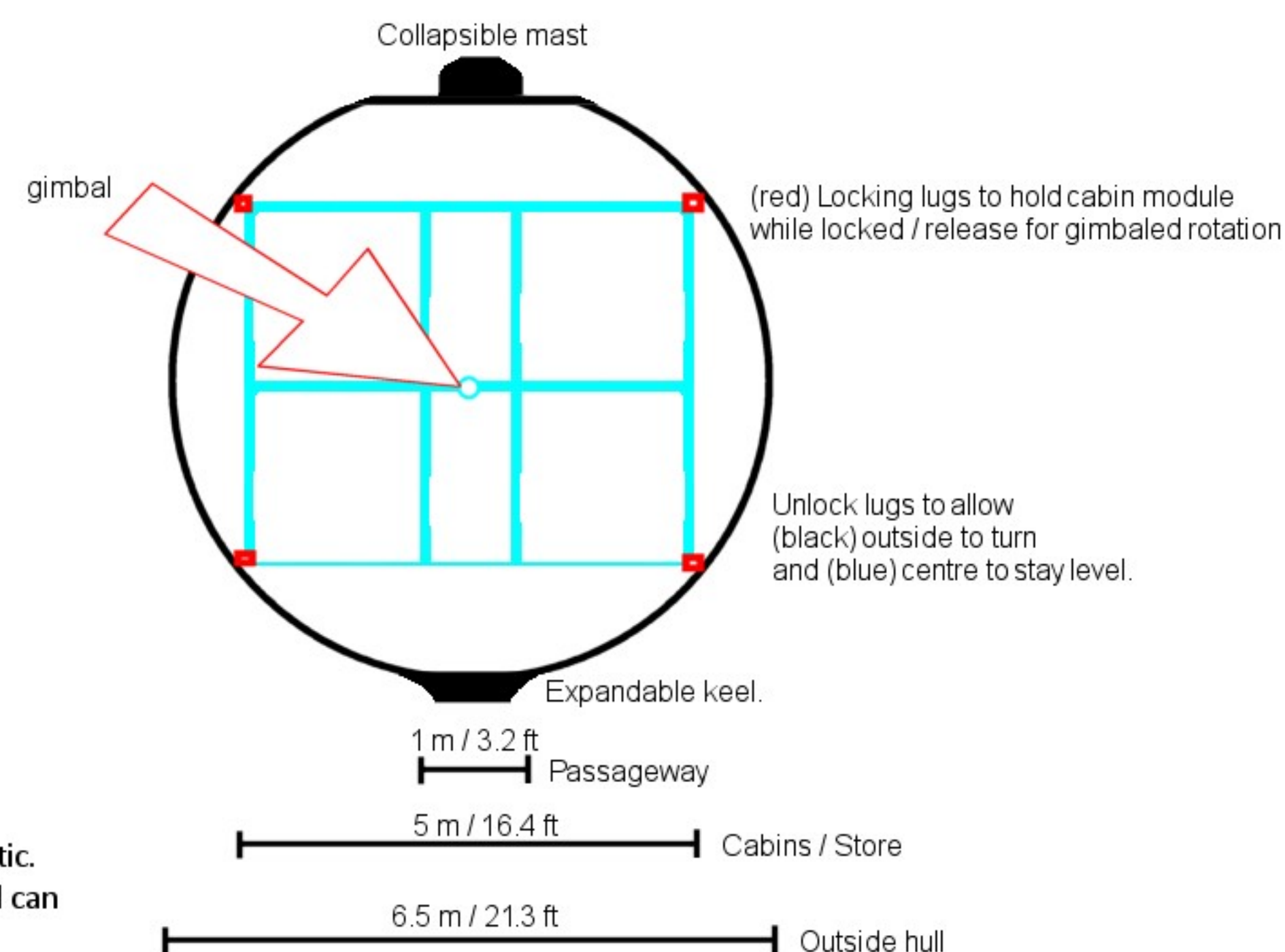
Collapsible mast, made from carbon fibre, shown inside protective housing.



Toilets are self-contained composting toilets by Envirolet  
Showers can clean and recycle water by Quench Showers  
Water Bladders are WaterCells by Vision Water

Expandable keel. Inside protection case (shown in open position) made from carbon fibre

FRONT VIEW



- Outside skin is harden steel/iron plate
- Inner core is aluminium, ribbed, and gimbaled
- Build outer and inner as two separate modules
- It has a mast and keel that can be raised or lowered
- It has a small electric motor for when the water is calm
- The sail could also be covered in flexible solar panels
- The solar panels would create electricity for the boat's lights, refrigeration, water pumps for showers, motor etc.
- There is room for 48 bunks, but you could scale this design up or down to increase or decrease the amount of people on board
- It would use composting toilets and recycle-water showers
- It could store enough food and water for 3 months or so
- It could also carry chickens, goats, etc. plus seeds and hand farming equipment, fishing gear, nets and basic building tools etc.
- You could even make room for 4x4 off road quad bikes, trail bikes, and kayaks for later exploration

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Ziusudra Ark Version Two - or ZAV-II for short is a semi-submersible to survive the upcoming Pole Shift. This drawing is not a blue print or schematic. It is not entirely to scale. It is for demonstration purposes only. This model can be scaled up or down to include more or fewer crew members.