

19/8/2024



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Mast/Rig Report

OWNER/CLIENT: Andrew Stocks

Vessel Name: Lady Katherine

Vessel Type: Duncanson 35

Date of Inspection: 17th July 2024

Location of Inspection: Mandurah Marina

Estimated age of rigging: 10 years

Assessor: Stephen Locke

Components	Type	Serviceable (Y/N)	Additional Notes
Forestay			
Top Terminal	Eye and Strap Toggle	Y	
Wire	1x19	Y	
Bottom Terminal	Turnbuckle	Y	Swage termination obscured by furler
Furler	Profurl	Y	
Cap Shrouds			
Top Terminal	Swage Eye	Y	
Wire	1x19	Y	
Bottom Terminal	Turnbuckle	Y	
Intermediates			
Top Terminal	T-Bar	Y	
Wire	1x19	Y	
Bottom Terminal	Turnbuckle	Y	
Lowers			
Top Terminal	Swage Eye	Y	
Wire	1x19	Y	

Bottom Terminal	Turnbuckle	Y	
Mast			
Masthead & Masthead electrics	Various	Y	
Sheaves	Acetal	Y	
Forestay Tang	Stainless Tang	Y	
Shroud Attachments	Stainless Tang	Y	
Spreader Base	Stainless doubler plate	Y	
Spreaders	Aluminium	Y	
Spreader Ends	Wire Lashing	Y	
Extursion		Y	
Gooseneck		Y	
Vang Bracket	-	-	
Mastbase		Y	
Mast Step		Y	
Boom			
Inboard End		Y	
Outboard End		Y	
Mainsheet takeoff	Stainless hanger	Y	
Lazy Jacks		Y	
Reefing	Slab reefing	Y	
Running Rigging	Various	Y	
Lifelines	4mm 1x19	Y	Broken strand on top lifeline

Summary

An up mast visual inspection was conducted on the yacht 'Lady Katherine' at Mandurah Marina. The mast, furler, standing and running rigging were all in good working order. Following the inspection, forward lowers were reinstalled on the mast to add additional support and improve mast bend.

Cracked and damaged halyard and vang blocks were also replaced.

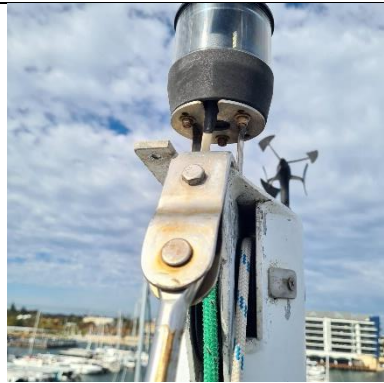
The exposed wire above the furler shows sign of a minor halyards wrap caused when furling. While the stay has been slightly damaged, there were no visible broken strands.

Minor damage was observed on the jib halyard likely from the halyard wrap. Sufficient tension on the jib halyard will help prevent further damage in the future.

Additional items identified are further explained with corresponding photos below. We note that our visual inspection was detailed, completed on board but did not include any dye or x-ray testing.

Stephen Locke (Assessor)

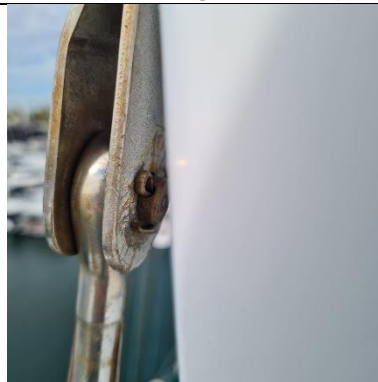
Please note: "While we have taken all reasonable care when carrying out the inspection to which this report relates and in producing the information in this report, the inspection did not and the report does not consider the condition of every part of the relevant craft. In particular, this report relates only to those parts of the craft which were able to be inspected without us undertaking major work, including (but not limited to) the hull structure and the keel."



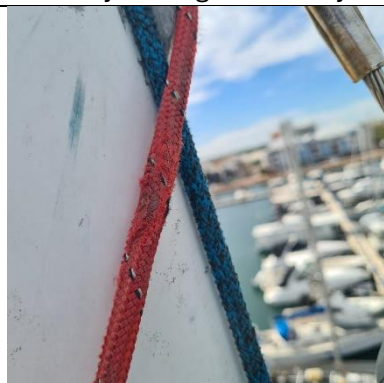
Forestay damage from halyard wrap



Forestay damage from halyard wrap



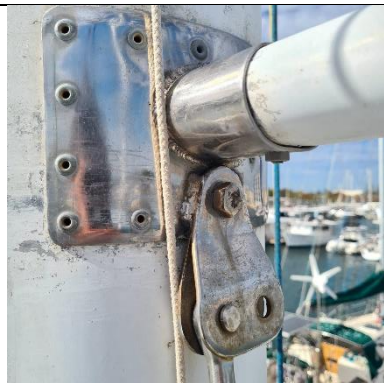
Cap shroud attachment



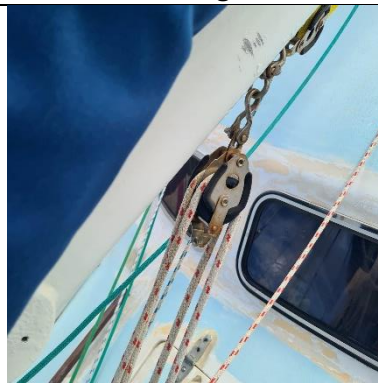
Damaged to the jib halyard



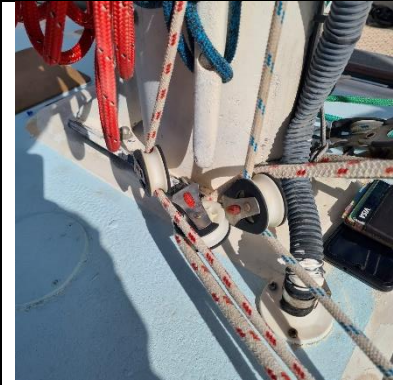
Spreader base attachment in good condition with minimum signs of corrosion.



Missing forward lower. Has since been installed.



Cracked vang block has been replaced.



Damaged mast base blocks have since been replaced.