

U.S. Coast Guard Station Barnegat Light
601 Bayview Ave. Barnegat Light, NJ 08006



Y2013 BOAT HOIST INSPECTION



9423 S. ORANGE AVE. ORLANDO, FL 32824

PH: 407-856-9990 FAX: 407-855-2227

www.natlcrane.com

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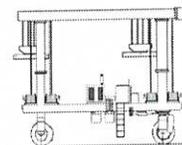
Unit #01SBL
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Summary

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BOAT HOIST INSPECTION REPORT

9423 S. ORANGE AVE. ORLANDO, FL 32824
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OWNER: U.S. Coast Guard Station Barnegat Light
ADDRESS: 601 Bayview Ave. Barnegat Light, NJ 08006
UNIT #: 01SBL
MAKE: Acme
MODEL #: H-30
SERIAL #: CG5
CAPACITY: 60,000 LB

LOCATION: Dock
DATE: 11/16/2012
SURVEYOR: Donald O'Rourke

S = Satisfactory, D = Deficiency, R = Recommendation, NA = Not Applicable

FRONT	REMARKS
S D RNA	
1. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> WHEEL, TIRE, AND BEARINGS	Clean and paint all rusty areas. Clean and seal all splice plate joints with RTV to prevent water from entering joint.
2. <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> COLUMNS AND WHEEL YOKE ASSEMBLY	
3. <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> COLUMN PLATFORM	
4. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> WINCH MOUNTING BRACKETS	
5. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> TROLLEY AND HOIST BLOCKS	
6. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> STRONGBACK	
7. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> TOP BEAM	
8. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> SLING ADJUSTERS	
9. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> LEFT STEERING AND DRIVE WHEELS	Cracked weld in mid bracket on right steering system. Repair
10. <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> RIGHT STEERING AND DRIVE WHEELS	
11. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DRIVE TRANSMISSION, MOTOR, AND BRAKES	

REAR	REMARKS
S D RNA	
12. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> WHEEL, TIRE, AND BEARINGS	Clean and seal all splice plate joints with RTV to prevent water from entering joint.
13. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> COLUMNS AND WHEEL YOKE ASSEMBLY	
14. <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> COLUMN PLATFORM	
15. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> WINCH MOUNTING BRACKETS	
16. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> TROLLEY AND HOIST BLOCKS	
17. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> TOP BEAM	
18. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> SLING ADJUSTERS	

HOIST SYSTEM	REMARKS
S D RNA	
19. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> HYDRAULIC WINCH MOTORS	
20. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> WINCH BRAKES	
INTERNAL INSPECTION: <input type="radio"/> YES <input checked="" type="radio"/> NO	
21. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> BEARING ASSEMBLIES AND SEALS	
22. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> SHAFTS, GEARINGS AND COUPLINGS	
23. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DRUMS, LAGGING, AND FLANGES	
ANCHOR: Clips	
24. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> GUARDS	
25. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> LIMIT SWITCHES	
26. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> LOAD INDICATORS	
27. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> LOAD BLOCK ASSEMBLIES	
# OF SHEAVES: 4	
28. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> WIRE ROPE DEAD END	
TYPE: Wedge Socket	
29. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> SHEAVES	
30. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> REEVING	
31. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> LIFTING BEAMS	

HYDRAULIC SYSTEM	REMARKS
S D RNA	
32. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> HOSES AND FITTINGS	
33. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> TANK	
34. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> PUMPS	
35. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> CONTROL VALVES	
36. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> FLUID	
37. <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> CYLINDERS	

OPERATOR'S STATION

REMARKS

- S D RNA
- 38. OPERATOR'S MAUNAL
 - 39. ACCESS
 - 40. FIRE EXTINGUISHER
 - 41. WARNING DEVICE AND LABELS
 - 42. CONTROLS
 - 43. HOUSEKEEPING
 - 44. RADIO CONTROL
 - 45. ELECTRICAL SYSTEM - LIGHTS, GAUGES, AND ETC.
 - 46. SEAT
 - 47. INSPECTION, MAINTENANCE, AND REPAIR RECORDS
 - 48. MAINTENANCE PERFORMED PER OEM SPECIFICATION

There is no warning device or travel alarm installed on unit. Install

Maintain reports of all repairs, maintenance, and inspection made to unit.
Perform all preventative maintenance and service to unit per OEM specifications.

ENGINE

REMARKS

- S D RNA
- 49. GENERAL CONDITION
 - 50. COOLING SYSTEM
 - 51. ENGINE OIL
 - 52. BATTERY

Battery is not tie down. Repair

WIRE ROPE

REMARKS

- S D RNA
- 53. WIRE ROPE - STARBOARD FORWARD
DIAMETER: .568" PARTS: 3
 - 54. WIRE ROPE - STARBOARD AFT
DIAMETER: .566" PARTS: 3
 - 55. WIRE ROPE - PORT FORWARD
DIAMETER: .569" PARTS: 3
 - 56. WIRE ROPE - PORT AFT
DIAMETER: .567" PARTS: 3

SLINGS

REMARKS

- S D RNA
- 57. FORWARD SLINGS
QTY: 1 SIZE: 12" x 24' CAPACITY: 37,500 LB
 - 58. AFT SLINGS
QTY: 1 SIZE: 12" x 24' CAPACITY: 37,500 LB

LOAD TESTING

REMARKS

- S D RNA
- 59. LOAD TEST RESULTS

TYPE OF WEIGHT USED FOR LOAD TESTING: Water Tank

CONFIGURATION

CAPACITY

LOAD APPLIED

15°

60,000 LB

66,000 LB

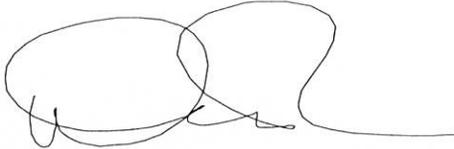
CERTIFIED DEFICIENT

Signature

As of this date, 11/16/2012, the unit(s) described in the above sheets have been found to be in this current condition. It is understood that these inspections do not preclude the necessity to perform frequent and periodic inspection in conjunction with a regular maintenance program in accordance with manufacturer's specifications and/or federal, state, and local guidelines, as applicable. These inspections do not constitute a warranty or guaranty of performance of the above equipment.



COMPANY REPRESENTATIVE:

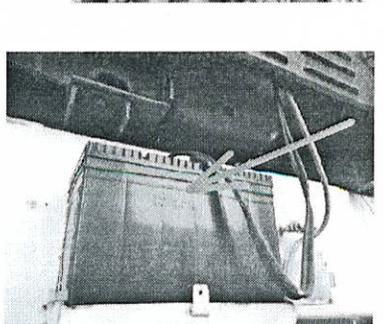
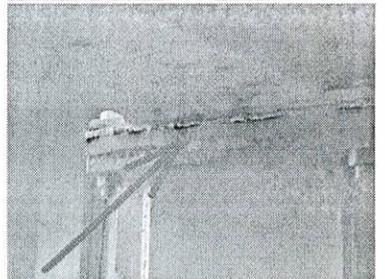
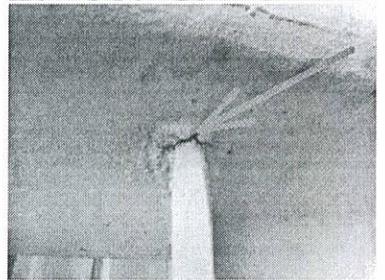
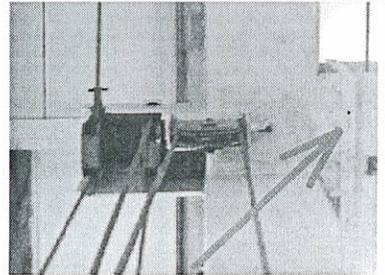
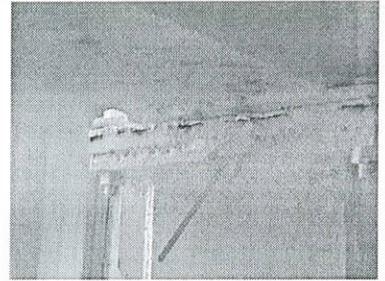


SURVEYOR:

Recommendation Summary

Unit #01SBL

1. Boat Hoist Clean and paint all rusty areas.
2. Boat Hoist Clean and seal all splice plate joints with RTV to prevent water from entering joint.
3. Boat Hoist Cracked weld in mid bracket on right steering system. Repair
4. Boat Hoist Clean and seal all splice plate joints with RTV to prevent water from entering joint.
5. Boat Hoist There is no warning device or travel alarm installed on unit. Install
6. Boat Hoist Maintain reports of all repairs, maintenance, and inspection made to unit.
7. Boat Hoist Perform all preventative maintenance and service to unit per OEM specifications.
8. Boat Hoist Battery is not tie down. Repair





**NATIONAL
CRANE SERVICES**

9423 S. ORANGE AVE. • ORLANDO, FLORIDA 32824 • 407/856-9990 • <http://www.natcrane.com>

August 21, 2002

Phil Jackson/Steve Giddens
USCG- Barnegat Light
FAX (609) 494-4856

Dear Mr. Jackson and Mr. Giddens:

Per your request, here is our proposal to provide the following repairs to your ACME 30-ton Boat Hoist.

NCS will provide the labor, parts, weights and certification to make the following repairs to your boat hoist.

NCS to provide the new 500', galvanized, 9/16, 6x24 fiber core wire rope and install the rope.

NCS to replace all 10 upper sheaves with bearings.

NCS to purchase and provide to the USCG a set of new travel lift slings, 10" x 24'.

NCS to purchase and install 8 pillow blocks, 2 1/2" SCM.

NCS to get the USCG provided tires filled with foam.

NCS to provide 4 tire inertubes, and 4 tire flaps.

NCS to rent a 6,000 lb. Forklift to remove and re-install the tires.

NCS to provide the weight to load test/certify the boat hoist after the repairs have been complete.

Costs:

Parts, including shipping, \$6089.55

Labor for everything except the foam filling of the tires, \$3995.00

Load test/certification, \$2450.00

Foam filling of the tires, \$2072.00 (includes pick up and delivery)

Forklift rental, \$350.00 per day or \$975.00 for the week

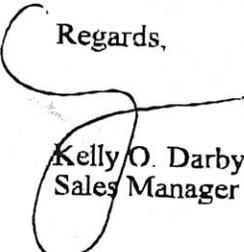
You did not say anything about the back up alarm, so it is not included in this quote.

Please call upon receipt of this quote to schedule repairs. No parts will be ordered without authorization. Parts come with the manufacturer warrantee. Parts prices are good for 30 days.

Should you need further information please let me know. We are on the World Wide Web, www.natcrane.com, and my email address is: kelly@natcrane.com.

We look forward to working with you on your crane repairs.

Regards,


Kelly O. Darby
Sales Manager

407 701 0356
CELL