



Document Title		Hydraulic RHGSE Maintenance Log		
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Appendix D	D	Maintenance Log	2022-09-19	



Hydraulic RHGSE Maintenance Log

Hydraulic Rescue Hoist Ground Support Equipment

Reference: ZOM-10000-X-X Appendix D

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D.1 Maintenance Task Levels

- **Level 1** – L1 tasks MUST be performed prior to operation of the RHGSE to ensure it is operating within functional parameters before attaching the rescue hoist to it.
- **Level 2** – L2 tasks should be performed during/after operation of the RHGSE to ensure it remains in peak condition for optimal service life.
- **Level 3** – L3 tasks are proactive maintenance tasks and should be performed at a fixed rate to ensure the RHGSE remains in peak condition for optimal service life.
- **Level 4** – L4 tasks are reactive maintenance tasks and should be performed as required by a loss in performance or functionality.

NOTE:

The frequency listed for each task is the recommended minimum. Certain tasks may need to be performed at a higher frequency dependent upon usage.

Maintenance Task Reference Chart			
Level	Task	Frequency	Manual Location
L1 – 1	Visual Inspection	Per Use	C.3.1
L1 – 2	Slip Clutch Quick-Check	Per Use	C.3.2
L1 – 3	Check Battery Voltage	Per Use	C.3.3
L1 – 4	Check Electrical Connections	Per Use	C.3.4
L1 – 5	Change Lubridryer Pads	Per Use	C.3.5
L2 – 1	Check Hydraulic Filter Indicator	Per Use	C.3.6
L2 – 2	Clean RHGSE	Per Use	C.3.7
L2 – 3	Stow All Components	Per Use	C.3.8
L2 – 4	Proper Storage	Per Use	C.3.9
L3 – 1	Lubricate Drive Chain	30 Days	C.3.10
L3 – 2	Measure Capstans	30 Days / On Condition	C.3.11
L3 – 3	Grease Swivel Casters	1 Year	C.3.12
L3 – 4	Check Load Display Scaling	1 Year	C.3.13
L3 – 5	Perform MagSens NiDAQ Check	1 Year	C.3.14
L4 – 1	Slip Clutch Adjustment	On Condition	C.3.15
L4 – 2	Replace Fuses	On Condition	C.3.16 - C.3.19
L4 – 3	Replace Hydraulic Filter	On Condition	C.3.6
L4 – 4	Replace Batteries	5 Year / On Condition	C.3.20
L4 – 5	Replace Capstans	7 Year / On Condition	C.3.21
L4 – 6	Replace Exit Roller	7 Year / On Condition	C.3.21

