

**INSURV INSPECTION GUIDE
FOR
AN/SLQ-37 INFLUENCE MINESWEEP EQUIPMENT**

Reference: MCM 1-8 NAVSEA S9582-AH-MMO-010/16288

MCM 9-14 NAVSEA S9589-AL-MMA-010/34712

Current PMS

MCM Builder Specifications, Section 100 (Foundation Bolt Memo, dtd 31 Mar 03)

NSTM Chapter 613, Wire and Fiber Rope and Rigging

NAVSEA S6430-AE-TED-010, Piping Devices, Flexible Hose Assemblies

EQUIPMENT		REMARKS / DISCREPANCIES
Acoustic Cable Reel and Control Station	<input type="checkbox"/> INOP	
(1) Is weight test within periodicity and posted?	<input type="checkbox"/> YES	RBO
(2) Are operating instructions and safety precautions posted?	<input type="checkbox"/> YES	
(3) Do operator joysticks operate freely and automatically return to neutral?	<input type="checkbox"/> YES	RBO
(4) Are all joysticks properly labeled for direction / legible?	<input type="checkbox"/> YES	
(5) Are the brake disc guards properly installed?	<input type="checkbox"/> YES	
(6) Is the brake operating lever painted red?	<input type="checkbox"/> YES	
(7) Is the hydraulic brake properly adjusted IAW PMS?	<input type="checkbox"/> YES	RBO
(8) Are all hydraulic hoses in good condition and free of oil leaks?	<input type="checkbox"/> YES	RBO
(9) Are hydraulic hoses labeled and tested?	<input type="checkbox"/> YES	RBO
(10) Are all hydraulic pipes and fittings free of leaks?	<input type="checkbox"/> YES	
(11) Is reel properly lubricated?	<input type="checkbox"/> YES	
(12) Are there any items stored under or around the cable reel?	<input type="checkbox"/> YES	
(13) Are all fasters installed and properly secured?	<input type="checkbox"/> YES	
(14) Are the Inboard/Outboard APC plugs properly covered?	<input type="checkbox"/> YES	
(15) Is the APC in good condition / operable?	<input type="checkbox"/> YES	
(16) Is the APC bulkhead connector in good condition?	<input type="checkbox"/> YES	
(17) Does reel operate properly?	<input type="checkbox"/> YES	RBO
(18) Does the manual recovery system operate properly?	<input type="checkbox"/> YES	RBO
(19) Is reel properly preserved and free of corrosion?	<input type="checkbox"/> YES	
(20) Are foundation bolts tight?	<input type="checkbox"/> YES	

Magnetic Cable Reel and Control Station	<input type="checkbox"/> INOP	
(1) Is weight test within periodicity and posted?	<input type="checkbox"/> YES	RBO
(2) Are operating instructions and safety precautions posted?	<input type="checkbox"/> YES	
(3) Do operator joysticks operate freely and automatically return to neutral?	<input type="checkbox"/> YES	RBO
(4) Are all joysticks properly labeled for direction / legible?	<input type="checkbox"/> YES	
(5) Are the brake disc guards properly installed?	<input type="checkbox"/> YES	
(6) Is the brake operating lever painted red?	<input type="checkbox"/> YES	
(7) Is the hydraulic brake properly adjusted IAW PMS?	<input type="checkbox"/> YES	RBO
(8) Are all hydraulic hoses in good condition and free of oil leaks?	<input type="checkbox"/> YES	RBO
(9) Are hydraulic hoses labeled and tested?	<input type="checkbox"/> YES	RBO
(10) Are all hydraulic pipes and fittings free of leaks?	<input type="checkbox"/> YES	
(11) Is reel properly lubricated?	<input type="checkbox"/> YES	
(12) Are there any items stored under or around the cable reel?	<input type="checkbox"/> YES	
(13) Are all fasters installed and properly secured?	<input type="checkbox"/> YES	
(14) Does reel operate properly?	<input type="checkbox"/> YES	RBO
(15) Does the manual recovery system operate properly?	<input type="checkbox"/> YES	RBO
(16) Is reel properly preserved and free of corrosion?	<input type="checkbox"/> YES	
(17) Are foundation bolts tight?	<input type="checkbox"/> YES	

(18) Are the following items in good condition / operable? (Old mag cable assy)	<input type="checkbox"/> N/A	
- K-4 electrodes?	<input type="checkbox"/> YES	
- Q-3 Section?	<input type="checkbox"/> YES	
- S-3 Section?	<input type="checkbox"/> YES	
- CL-3 Section?	<input type="checkbox"/> YES	
- TJ-3 Jumper?	<input type="checkbox"/> YES	
(19) Are the following items in good condition / operable? (New coax cable assy)		
- Inboard Pigtails?	<input type="checkbox"/> YES	
- Outboard Pigtails?	<input type="checkbox"/> YES	
- Coax Section?	<input type="checkbox"/> YES	
- S Cables?	<input type="checkbox"/> YES	
- CL Cable?	<input type="checkbox"/> YES	
- TJ Jumper?	<input type="checkbox"/> YES	
(20) Is the Magnetic Cable Terminal Box (Tailbox) in good condition?	<input type="checkbox"/> YES	
(21) Is the Automatic Control Unit operational?	<input type="checkbox"/> YES	
(22) Can the ACU generate all waveforms?	<input type="checkbox"/> YES	
(23) In the ACU clean and in good condition?	<input type="checkbox"/> YES	

MCM 9-14 Influence Reels Control Station	<input type="checkbox"/> N/A	<input type="checkbox"/> INOP	
(1) Are operating instructions and safety precautions posted?		<input type="checkbox"/> YES	
(2) Are all hydraulic pipes and fittings free of leaks?		<input type="checkbox"/> YES	
(3) Are all control levers properly labeled for direction / legible?		<input type="checkbox"/> YES	
(4) Do operator control levers operate freely and automatically return to neutral?		<input type="checkbox"/> YES	
(5) Dual Operations			
a. Operating light working?		<input type="checkbox"/> YES	
b. Switch protected?		<input type="checkbox"/> YES	
c. Dual operation functioning?		<input type="checkbox"/> YES	
(6) Is control station properly preserved and free of corrosion?		<input type="checkbox"/> YES	
(7) Are all fasters installed and properly secured?		<input type="checkbox"/> YES	
(8) Are foundation bolts tight?		<input type="checkbox"/> YES	

TB-26 Towed Body	<input type="checkbox"/> INOP	
(1) Was the equipment in good condition and free of corrosion?	<input type="checkbox"/> YES	
(2) Was the SOMTEST completed satisfactorily?	<input type="checkbox"/> YES	
(3) Was the insulation / ground test satisfactory?	<input type="checkbox"/> YES	
(4) Were all fasteners installed and non-magnetic?	<input type="checkbox"/> YES	
(5) Was weight stenciled on the towed body?	<input type="checkbox"/> YES	
(6) Was warning label to release air pressure before servicing on towed body?	<input type="checkbox"/> YES	

TB-27 Towed Body	<input type="checkbox"/> INOP	
(1) Was the equipment in good condition and free of corrosion?	<input type="checkbox"/> YES	
(2) Was the SOMTEST completed satisfactorily?	<input type="checkbox"/> YES	
(3) Was the diaphragm in good condition?	<input type="checkbox"/> YES	
(4) Was the insulation / ground test satisfactory?	<input type="checkbox"/> YES	
(5) Were all fasteners installed and non-magnetic?	<input type="checkbox"/> YES	
(6) Was weight stenciled on the towed body?	<input type="checkbox"/> YES	

OVERALL EQUIPMENT CONDITION: OPERATIONAL / INOP

Remarks: