

IMMERSION SUIT MONTHLY INSPECTION CHECKLIST				
[ Company Logo ]	Ship Name:		Inspection Date:	
	IMO No.:		Inspected by Name & Rank:	
Company:				
INSTRUCTIONS: Complete all items in sequence. Mark each item: ✓ OK (Pass)   ✗ Fail / Defect Found   N/A (Not Applicable). If any item is marked FAIL, record details in the Remarks column and initiate corrective action immediately.				
#	Ref.	Inspection Item / Check Description	Result ✓ / ✗ / N/A	Remarks / Action Required
<b>STAGE 1 — PRE-INSPECTION: STOWAGE POSITION CHECK</b>				
1	SOLAS III/20	Confirm stowage location is correct and matches the muster list / safety plan.		
2	MSC/Circ.1047	Check that the stowage location is clearly marked with IMO photoluminescent signage.		
3	MSC/Circ.1047	Confirm the suit is immediately accessible and not obstructed or buried.		
4	MSC/Circ.1047	Check number of suits at this location matches requirements per Safety Equipment Certificate.		
<b>STAGE 2 — STORAGE BAG INSPECTION</b>				
5	MSC/Circ.1047 §1	Check storage bag closures are intact and the bag opens easily.		
6	MSC/Circ.1047 §1	Donning instructions on the bag are legible, visible, and not damaged.		
7	MSC/Circ.1047 §1	Confirm the suit type and size on the bag label matches the assigned suit.		
8	SOLAS III	Bag is free from oil, chemical contamination, moisture ingress, and damage.		
<b>STAGE 3 — SUIT REMOVAL &amp; INITIAL EXAMINATION</b>				
9	MSC/Circ.1047 §2	Remove the suit carefully. Lay flat on a clean, dry, flat surface.		
10	MSC/Circ.1047 §2	Confirm the suit is dry inside and out before proceeding.		
11	MSC/Circ.1047 §2	Visually inspect outer material for rips, tears, punctures, cuts, or abrasion.		
12	MSC/Circ.1047 §2	Check for discolouration, swelling, unusual texture, brittleness, or stiffness.		
13	USCG SA 03-26	Check high-stress points: knees, shoulders, elbows, wrist cuffs, and ankles.		
<b>STAGE 4 — SEAM &amp; TAPE INSPECTION</b>				
14	USCG SA 03-26	Inspect all seam-taped areas along the full length of the suit body.		
15	USCG SA 03-26	Check glove attachment seams — no lifting, bubbling, or delamination.		
16	USCG SA 03-26	Check boot / sole seams — no lifting, peeling, or separation.		
17	USCG SA 03-26	Check hood attachment seam — bond intact, no cracks or peeling.		
18	LR Safety Notice 2021	Flex suspect seam areas gently to check for hidden separation or loss of adhesion.		
<b>STAGE 5 — ZIPPER INSPECTION (HIGHEST RISK AREA)</b>				
19	MSC/Circ.1047 §3	Run the zipper through its full travel from one end to the other — not partial.		
20	MSC/Circ.1047 §3	Check for smooth, uninterrupted operation — no catching, skipping, or misalignment.		
21	USCG SA 03-26	Inspect both sides of zipper-to-body adhesive bond line for lifting or separation.		
22	USCG SA 03-26	With zipper closed, check seal continuity — run finger along the closed line.		
23	USCG SA 03-26	Apply manufacturer-approved lubricant to front and back of zipper and slide.		
24	USCG SA 03-26	CONFIRM: only manufacturer-approved lubricant used. No WD-40, oil, grease, or powder.		
25	MSC/Circ.1047 §3	If zipper is non-functional or bond separation found: REMOVE FROM SERVICE immediately.		
<b>STAGE 6 — INFLATABLE COMPONENTS (IF FITTED)</b>				
26	MSC/Circ.1047 §4	Check inflatable head support or buoyancy ring for damage and secure attachment.		
27	MSC/Circ.1047 §4	Check inflation hose(s) for cracking, stiffness, or deterioration.		
28	MSC/Circ.1047 §4	[QUARTERLY] Inflate head support / buoyancy ring and hold for 10 min — check for leaks.		
29	MSC/Circ.1047 §4	Deflate fully before re-stowage if quarterly test was carried out.		
<b>STAGE 7 — ACCESSORIES &amp; FITTINGS</b>				
30	MSC/Circ.1047 §5	Check retro-reflective tape — firmly attached, not peeling, discoloured, or torn.		
31	MSC/Circ.1047 §6	Check whistle — present, clean, and functional.		
32	MSC/Circ.1047 §6	Check distress light — present, securely attached.		
33	MSC/Circ.1047 §6	Check distress light expiry date — not expired. Replace before expiry date.		
34	SOLAS III/32.3	Confirm battery condition where applicable.		
35	SOLAS III	Check any buddy line, tether, or lifting becket — intact and firmly attached.		
<b>STAGE 8 — DONNING DRILL OPPORTUNITY (MSC/Circ.1047)</b>				
36	MSC/Circ.1047 §8	Use this inspection as an opportunity for crew to practise donning the suit.		
37	SIRE 2.0	Confirm officer can explain full donning procedure — relevant for SIRE 2.0 assessment.		
<b>STAGE 9 — PRESSURE TESTING RECORDS (PERIODIC)</b>				
38	MSC/Circ.1114	Confirm 3-year periodic pressure test has been carried out and is not overdue.		
39	MSC/Circ.1114	For suits over 10 years old: confirm more frequent testing interval is being applied.		
40	MSC/Circ.1114	Pressure test certificate / record available onboard for this suit number.		
<b>STAGE 10 — RE-STOWAGE &amp; RECORD COMPLETION</b>				
41	MSC/Circ.1047 §7	Replace suit in bag with zipper FULLY OPEN. Do not close zipper for storage.		
42	MSC/Circ.1047	Fold suit carefully per manufacturer instructions before returning to bag.		
43	SOLAS III/20.7	Complete this checklist — date, suit number, inspector name, rank, and signature.		
44	SMS / SIRE 2.0	If defect found: report to Master, initiate defect report, and arrange repair / replacement.		
45	SMS	Update PMS / maintenance record system with inspection date and result.		
<b>SIGN-OFF &amp; MASTER ACKNOWLEDGEMENT</b>				
3/O Signature:			Date Completed:	
Master / C/O Signature:			Corrective Action Required? (Y/N):	
Reference: SOLAS III/20.7.2   IMO MSC/Circ.1047   IMO MSC/Circ.1114   USCG Safety Alert 03-26   OCIMF SIRE 2.0				