

JOB SAFETY ANALYSIS (JSA)

Radio Operator



This JSA is provided for reference by a Registered Medical Practitioner (RMP) to assist in assessing whether the member is fit to safely perform the inherent duties of a Marine Rescue NSW Radio Operator. It is not intended to direct or limit clinical judgement. The role involves working in a MRNSW Radio Room or training facility.

Key responsibilities include monitoring Marine Radio, handling log-on/log-off procedures, responding to emergency calls, and liaising with NSWPF, NSW Maritime, and the boating public. Each Radio Room has a lone worker device with fall detection, GPS tracking, and pre-programmed emergency contacts.

The RMP is requested to identify any medical limitations or functional restrictions that may affect the member's ability to safely perform duties. Based on this advice, Marine Rescue NSW will determine whether reasonable adjustments can be made or whether the member should be assigned to modified or non-operational duties. If duties cannot continue, coverage can be transferred to the MRNSW Sydney Communications Centre.

Inherent role requirements	
Requirements	Criteria
Vision	<ul style="list-style-type: none"> <input type="checkbox"/> Distinguish colours and visual alarms <input type="checkbox"/> Read charts, weather maps, and screen-based programs (e.g., Seahawk, Otter) <input type="checkbox"/> Interpret radar, GPS, and digital/graphic displays <input type="checkbox"/> Understand instructions, procedures, and manuals
Hearing & Speech	<ul style="list-style-type: none"> <input type="checkbox"/> Respond to visual and auditory alarms <input type="checkbox"/> Listen and react to radio communications <input type="checkbox"/> Communicate effectively via 2-way radio and mobile phone <input type="checkbox"/> Give and receive clear instructions during emergency situations <input type="checkbox"/> Use hands-free headset for clear communication
Consciousness/ Alertness & Fatigue	<ul style="list-style-type: none"> <input type="checkbox"/> Monitor vessels and operate marine radio <input type="checkbox"/> Communicate with the boating community, distressed vessels and local authorities <input type="checkbox"/> Monitor radar, screen systems, and apps (e.g., Seahawk) <input type="checkbox"/> Maintain situational awareness and alertness throughout the shift <input type="checkbox"/> Respond effectively to emergencies and traumatic events <input type="checkbox"/> Manage fatigue and stay focused during extended shifts
Physical Capacity	<ul style="list-style-type: none"> <input type="checkbox"/> Use hand coordination for headset, keyboard, mouse, and equipment operation <input type="checkbox"/> Lift light equipment or documents (up to 5kg) as needed <input type="checkbox"/> Bend to pick up documents and twist to adjust monitor position <input type="checkbox"/> Perform basic housekeeping tasks to maintain the work area
Ergonomic Tasks	<ul style="list-style-type: none"> <input type="checkbox"/> Adjust posture and chair for comfort and safety <input type="checkbox"/> Adjust monitor position for optimal viewing <input type="checkbox"/> Use fine motor skills for operating equipment (headset, keyboard, mouse, etc.) <input type="checkbox"/> Reach and extend to access files or equipment
Slips/Trips/Falls	<ul style="list-style-type: none"> <input type="checkbox"/> Demonstrate flexibility and quick reflexes to prevent trips and falls <input type="checkbox"/> Maintain balance and stability when moving around the office <input type="checkbox"/> React quickly to avoid obstacles or hazards that may lead to falls <input type="checkbox"/> Safely navigate between desks, office furniture, and equipment without tripping <input type="checkbox"/> Evacuate the building swiftly and safely during an emergency <input type="checkbox"/> Access facilities (Meal room, toilet) without risk of slipping or falling <input type="checkbox"/> Perform safety checks (ensure floors are dry and pathways are clear)



JOB SAFETY ANALYSIS (JSA)

Radio Operator

Manual Handling	<input type="checkbox"/> Perform manual tasks at the workstation (typing, using a mouse) <input type="checkbox"/> Handle light lifting, typically under 5kg <input type="checkbox"/> Adjust workstation components (chair, desk, monitor)
Psychosocial/ Mental Resilience	<input type="checkbox"/> Follow, implement, and apply instructions, training, and procedures <input type="checkbox"/> Communicate and cooperate respectfully with the public and team members <input type="checkbox"/> Demonstrate leadership, support, teamwork, and uphold MRNSW values <input type="checkbox"/> Maintain professional reputation, image, and respect <input type="checkbox"/> Manage fatigue and maintain focus during shifts <input type="checkbox"/> Make independent decisions within their authority level when required <input type="checkbox"/> Respond, adapt, and act appropriately during emergencies and critical events <input type="checkbox"/> Work collaboratively, seek help when needed, and support team cohesion

I _____ (print name) give permission for the Registered Medical Practitioner (RMP) to assess me in relation to my ability to safely perform the inherent duties of a Radio Operator.

Patient Signature: _____ Date: _____

Patient Member Number/Unit name: _____

Overall Clinical Impression

Based on assessment, in your clinical opinion the patient is:

- Generally, fit to continue usual Marine Rescue NSW duties
- Fit with some limitations (please describe): _____
- Not fit at present (temporary): _____
- Ongoing concerns (recommend further review): _____

Additional recommendations / referrals (if applicable):

- Physiotherapy
- Psychologist/Mental Health Support
- Other: _____

Registered Medical Practitioner (RMP) Signature: _____¹

Registration Number: _____ Date: _____

(The RMP may provide their opinion in any format they consider appropriate, including a separate medical certificate or report, with reference to this JSA).

¹ This reflects a clinical opinion only and does not imply legal or regulatory certification.