

NEW ZEALAND SEARCH AND RESCUE

Rapu Whakarauora Aotearoa



National SAR Support Programme 2022 / 2023¹

Activity	Intent
Leadership and Engagement (2102)	
NZSAR Aviation Workshop	Aimed at SAR aviation operators and those involved in aviation. Opportunity to connect, discuss SAR aviation standards, health and safety, processes, training and for them to share information and lessons and to collaborate.
SAR Coordinators Workshop	Aimed at District Police SAR coordinators, to engage over 1½ days with them. Discuss Sector and Nssp projects, get guidance and advice directly from SAR Coordinators to inform and guide our work programme.
SAR Mutliagency Workshop	Aimed at SAR District staff from Police (DASARC), and 4 x SAR NGOs. Opportunity for cross sector introductions and sector alignment with NZSAR projects, intent and overall direction of travel, and foster interagency collaboration and cooperation.
Marine SAR Workshop	Workshop aimed at Marine SAR operators to engage on operational Marine SAR issues.
Safer Walking / Wander Workshop	LSAR run, NZSAR supported workshop. Aimed to support their Safer Walking / Wander leadership, responsibilities and strengthen the overall system.
Chairs and CE Forum	Annual opportunity for the chairpersons and CE's from the funded SAR NGOs to collectively engage with each other, the Secretariat and Chair NZSAR Council. Intent is to support the review & ID and exploit areas of collaborative opportunity.
Combined Board Meeting	Initial (annual) opportunity for the combined governance boards from the funded SAR NGOs to collectively engage with each other, the Secretariat and Chair NZSAR Council. Intent is to support the review ID and exploit areas of collaborative opportunity.
NZSAR Awards	Annual event to formally recognise excellence in search and rescue, acknowledging dedication, achievements and sacrifices of those involved.
Communications Collaborative	Provide a collaborative and concerted approach to communication strategies (and Tactics) where clear linkages across multi-government agencies exist.
Te ao Māori SAR sector advice	Provision of Te ao Māori advice for the Review and NZSAR. Inclusion of advice into NZSAR strategic documentation
Maritime Transport Act Review	Monitor and consider the impact on the SAR sector of the review
YSAR Strategic Engagement	To build awareness of the functions and value add from each of the sector participants in relation to Youth Development, look at intersection where collaboration can happen and discuss the value-add of YSAR to each agency.

¹ As at July 2023

Individual Training (2103)	
SAR Coordinator revalidation programme	Develop and implement an agreed skills revalidation training and assessment programme targeted at SAR coordinators and if resources allow, key IMT members.
Procurement: Multi Agency Training provider	Procure a training provider for SAR Multiagency course delivery from 1 Jan 2023
Create a SAR sector training framework	Develop a Sector wide SAR training framework which articulates the SAR training system, its component parts, responsibilities mechanisms and funding.
SAR Training Course developments	Develop or enhance SAR training courses as required to support continued SAR training
SAR Training Course Evaluations	Conduct and report on up to 4 x SAR course evaluations. 2 from land SAR training, 2 from multi agency training.
SARdonyx training material	Prepare materials and provide suitable training to SARdonyx users for effective usage of the system.
Tutor Workshops x 2 NZSAR and LSAR	Workshops to focus on: course changes and updates; induction of new tutors; sharing of teaching practice.
GSMEAC for SAR training materials	Develop training materials focused on the GSMEAC briefing process
SAR Managers Course - Redevelopment and delivery assistance	Redevelop the SAR Managers course based on the review and recommendations made from the 2021 SAR Managers course
RCCNZ SAR aviation SAR coordination and skills familiarisation	Support RCCNZ with the development of aviation e-learning modules to support air operators engaging in search and rescue operations coordinated by RCCNZ.
START materials	Update and development of materials for START
Training managers workshop	Workshop for all SAR Training Managers
SAR Governance Groups and Programme Advisory Committees	Provide oversight and support to the Training programmes supported by TEC funding.
CGNZ Training Materials	Support Coastguard with the development of the training programme for Radio Operators, Incident Management and Air Patrol volunteers.
SAR Technology and Innovation (2104)	
Technology strategy implementation, forum and support	Facilitate the Innovation in Technology Forum to collaboratively devise, implement and monitor agreed actions and initiatives to assist the New Zealand Search and Rescue Sector
Trials, research, development, demonstrations and evaluations	Aimed at identifying and sharing search and rescue innovation and technology information and knowledge across the SAR sector.
SAR C2 software, IMT, Common Operating Picture	Collaborate with the Coordinating Authorities and Search and Rescue partners to research, trial and evaluate C2 "common operating picture" C2 software
Mobile phone locating	Explore use of cell phone location technology to locate a certain mobile phone (or phones) during SAR operations, and to further implement processes and procedures to locate missing persons by mobile phone signals
Drifters	This initiative will help the marine search and rescue organisations better determine search areas for persons lost at sea or deceased by developing the application of Cartesian Drifters in the nearshore intercurrent zones within New Zealand.

SAR Resource database enhancement	This project to update the NZSAR Resource Database to provide users a functional user-friendly website that provides a visible, up to date information of available resources for the NZ SAR Region
SAR Telecommunications	Explore SAR telecommunications (air, marine and land) to ensure SAR communications are reliable, omnipresent, and available to support the safety and effectiveness of search teams for the success any SAR operation
SAR Readiness & Capability (2105)	
Spontaneous Volunteer Processes	Establish procedures and resources to address the engagement of spontaneous volunteers in SAR operations, in conjunction with Police and RCCNZ
AIS Maintenance - CGNZ	Maintain CGNZ AIS as per the agreed arrangement.
Water rescue responsibilities, capabilities and operational arrangements	NZSAR support for FENZ water rescue and FENZ rescue asset project
Ambulance - SAR MOU	Redevelop the Ambulance - SAR MOU. Monitor once in place
SAR Aviation Future Options	Develop future options for the SAR aviation. Consider accountabilities, cost/funding, system shape, responsibilities, tasking arrangements, standards, training, relationships
SAR Environmental Sustainability	To quantify the sector's current carbon footprint and provide advice on how we might improve sector sustainability.
SAR Volunteerism (2106)	
Volunteer Strategy meetings and workshops	Support volunteer strategy meetings and workshops.
Volunteer Strategy implementation actions	Provide support to implement volunteer strategy actions.
Volunteer Engagement Survey	Support development of a sector-aligned survey to better understand volunteers and volunteer engagement.
Health, Safety & Wellbeing (2107)	
PCBU Advice	Provide support to sector Health, Safety and Wellbeing representatives and CEOs on PCBU responsibilities.
H,S &W Workshop	Workshop aimed at H, S & W personnel from across the SAR sector to engage on issues of relevance.
H,S &W strategic committee and managers meetings	Regular meetings to support H, S & W actions and activities within the SAR sector
Collective training and exercises (2108)	
Support Police 10 x District SAREXs	Provide financial support to each Police District each year to support SAREXs.
SAREX evaluator workshop	The annual workshop brings the SAREX Evaluators together to reaffirm processes and principles, and to further refine SAREX objectives and or lessons development
Nationally Significant SAR Exercise	Development of an exercise to support the New Zealand response capability for a large scale, nationally significant search and rescue event.

District Rauora Exercises x 4	The Rauora exercise provides District senior managers with a table top exercise on their response to a mass rescue scenario. This is designed as a learning experience for each District, with partner agencies supporting.
District NatSigSAR plan preparation	Support the update of District Nationally Significant SAR plans
CaveSAR Sump Rescue Workshop and Training	This specific training exercise is supported to bring together personnel who may be required for cave sump rescue. This workshop will support consistent practice and operational alignment and capability
Operational knowledge and support (2109)	
SAR Operational forms and documents	Maintain SAR forms and guidelines, in response to feedback and/or changes in practice. Manage in association with the Guidelines, Forms and Templates Management Group
Nationally Significant SAR Framework and handbook	Update the framework and provide a handbook explaining the guidelines.
Despondent search methodology and processes	Review the processes and methodology applied in a selection of despondent search operations.
SARTrack	To invest in LandSARs agreed SARTrack responsibilities and fund a server where information is hosted.
NEMA CDEM legislation, plan, guide to plan, Order in Council	Provide input into legislation review.
NZSAR Operational Framework	Update the SAR Operational Framework
Bacons Policy	Development of comprehensive distress beacon and SEND policy
Monitoring, Quality and Assurance (2110)	
NZSAR sponsored SAR reviews	Undertake independent system level reviews of SAR operations or system-level issues, in agreement with PNHQ and RCCNZ.
Multi-phase SAROP review	Examine the system capability for multi-phase SAROPs that go beyond the initial phase.
SAR Sector Assurance	Aimed at the NZSAR Council. Develop and implement a system that provides broad based systemic, organisational, and operational assurance that the SAR system is fit for purpose, meets its documented requirements/obligations, is maintained at a suitable level of readiness, and can operate as expected.
SLA & MOU Monitoring, Reporting and Advice	Technical advice to support the SLA's and / or MOU's
Monitoring sector funding (all sources), expenditure and fundraising	Monitor SAR and recreational safety sector funding from all sources. Monitor agency expenditure and fundraising
Annual Letters of Intent	Produce the annual Letters of Intent for Council
FED Processes	Manage processes and procedures relating to FED funding
Sector Resourcing & Investment (2111)	
IMRF Membership: IMRF membership	Membership fees for the IMRF in conjunction with RCCNZ.
Police Business Analyst / Planner	Investment funding agreement for a BA to support Police to establish a longer-term SAR
NGO capacity support	Provide targeted support to NGOs as required

AREC Capability building assistance	Provide a contractor to support AREC to address the issues identified from the 2022 report
Research, Information & Analysis (2112)	
Operational Information: SARdonyx Annual Design and Build	Annual SARdonyx software as a service.
Operational Information: SARdonyx monthly support	Monthly SARdonyx ongoing support
Operational Information: SARdonyx development & change requests	Delivery of change requests over and above monthly support, as agreed with the Governance Board.
SAR and Frontline Water Safety Data Mart	Develop a combined sector data store
SAR Information project management support	Provide specialist data analytical services as required
SAR Assets and Activities / operational analysis	Support the Review Team analysis of SAR assets in relation to demand
SAR Research: SAR Training student survey (UMR)	Monitor SAR training through the annual student survey
SAR Research: Recreational Participation	Undertake joint research to better understand land-based recreational participation and preparedness.
Avalanche Advisory research	Support MSC with the Avalanche Advisory
SAR Expectations Survey	Survey of around 800 people who represent the totality of Aotearoa New Zealand's general public which captures information about the public's awareness of the SAR sector and organisations' role within it.
Voluntary Data	An ongoing quarterly data collection of the demographics of the totality of the four SAR NGOs' volunteer workforces: age, gender, ethnicity
Data cleansing algorithm	Develop an algorithm to remove personal identifying information from SARdonyx extract data
Volunteer Study Refresh	Update the Volunteer Study originally prepared by VNZ
Warning signage efficacy	Research the efficacy of signage
Lost person behaviours research	Research the behaviour of lost people in the NZ SAR context
SAR Customer survey	Research the experience of people who have experienced SAR services
SAR Prevention (2151)	
BEPA	This project will provide an analysis of the SAR and recreational safety sector incident data and sector initiatives based on the BePA model that provides a robust evidence base of what is and isn't effective with prevention actions, and to inform and support future SAR prevention
AdventureSmart: AdventureSmart Promotion	Promote AdventureSmart.nz and its associated collateral
AdventureSmart: Visitor Point - storage and distribution	Ensure the ongoing availability and distribution of AdventureSmart DLE via VisitorPoint
AdventureSmart: AdventureSmart Maintenance (incl Pikselin)	Maintain and update the AdventureSmart website
Land Safety Forum	Support the Land Safety Forum
Prevention support to other agencies	Provision of support for specific prevention managed by other agencies

Water Safety Code	Develop an updated water safety code
Distress Beacons : Distress Beacons promotion	Delivery of a ore multi-faceted behaviour change campaign across the next 2-3 years to promote the use of beacons.
Tiaki Resources	Production of resources to align with the 'be prepared' Tiaki behaviour.
Beacons Consumer Comparison	Support MNZ with Consumer NZ research of beacons and personal flotation devices.
Communications and prevention advice	Provide support for communication and prevention projects.
Surfers Rescue trial programme	Pilot programme to support surfers as first responders for in-water rescues
Land Safety Forum Website	Support for the development of a website to host the Land Safety Forum
Ko te Mana o te Awa. Manawatu River drowning hazard pilot assessment	Support the pilot assessment programme of the Manawatu River