

What Might Search and Rescue Look Like in 2034?

Consultative Committee & Council Members Workshop – 1.15 - 4pm Thursday 21 August 2014
Ministry of Transport. Level 6, 89 The Terrace

NZSAR Outcome:

NZSAR will ensure NZ has effective SAR services for people in distress throughout the NZSAR in order to save lives

NZSAR Vision:

A cohesive community of capable people in sustainable organisations, finding and rescuing people in distress and operating collaboratively within a robust SAR system

For SAR – what will influence our future?

- Technology (robotics)
- Space travel (air traffic – marine)
- Population, behaviour, demographics
- New sports/outdoors
- Public expectations
- Funding
- Insurance / liability
- Speed of adaptability

Are we in the right shape for the future?

- Technology expectations
- Easier access to difficult spots
- Willingness to take risks
- International drivers (we will be forced to accept alerts from whatever technology)
- Need to be flexible
- Aging SAR people
- Information driven
- Need to be sensitive to changes

How can we improve our SAR system?

- A combined coordination centre would simplify things
- Better information (more efficient cohesion)
- Funding (limited time span, allow more long term funding)
- Training (more cooperative SAR sector wide)
- Fresh look at SAR system from start-up
- Better distribution of SAR assets
- Make logical changes based on fact (not knee-jerk reactions post disaster)

Who should SAR be linked with/ be apart

- NZDF
- Regional Councils
- MCDEM
- NZ's emergency management sector (SAR is a primary function of Policing & also Emergency Mgmt)
- Govt (ODESC)
- Training organisations / joint funding & training
- International (governance & operational)
- Govt research / tertiary organisations (access to and analysis of data)
- Shipping Companies
- Aviation companies
- Transport / Bus / Rail
- DHBs
- Supermarket chains
- Red Cross

How can we improve our Co-ordinating Arrangements?

- ID and eliminate waste
- "Break the culture". Build a better one.
- One-stop co-ord shop ("the full gamut")
- One SAR coordination centre
- Joint documentation (reduce silos, protectionism, improve behaviour, simplify, change culture/habits)

How can we work more effectively?

- Be (support?) the fence at the top of the cliff.
- Improve communication (internal & external)
- Make better use of technology.
- Change in population/ demographics will lead to change in how we engage/ respond/prepare.
- Volunteer agencies need to match resources with need.
- Funding model: Will this be delivered if (for example) there are fewer volunteers?
- One centre instead of multiple?
- We are asking more and more of volunteers. Need to manage this.

What needs changing now / soonish / eventually?

- Now
- New focus on collective activities / strategic planning
 - Review definition of SAR community
- 0 – 5 years
- Cultural change

What should SAR governance look like?

- Has to reflect what the SAR sector will look like.
- Public / private partnership? (how do we manage this?)
- Is our Consultative Committee losing energy? Does this need strengthening?
- Funding – should SAR Council have / gate keep LGB and other funds so it is coordinated? (How would this be managed in a fair way?)
- Our system is based on history – we have what grew up over time – but this is not what we would have if we drew it up on paper today
- What would it ideally look like? - How can we move closer to the ideal?

How should SAR be paid for?

- Include user pays? - But how?
 - Compulsory boat registration?
 - Marine salvage fees?
 - Injury prevention / ACC?
 - System based approach
 - Compulsory training
 - Charging mechanism ("inadequate preparation" / "poor decision")
 - Why don't we reveal to customers the cost for their SAR?
- There will be a balance, but how does this change over time?
- Currently there appears to be a money-go-round!

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What can be done to prevent the need for SAR ops?

New Zealand Search and Rescue Combined Council and Consultative Committee

Notice of Meeting
1:15 - 4 pm Thursday 31 August 2014
Level 6, SAS Tower
89 The Terrace, Wellington

AGENDA

Joint Luncheon 12:30 – 1:15pm		
1.	Welcome (1:15pm)	Chair
2.	Apologies	Chair
3.	SLA monitoring report: Apr – Jun 14 quarter – <i>paper</i>	Snr Adv
4.	SLA monitoring report: Jul 13 – Jun 14 Annual – <i>paper</i>	Snr Adv
5.	NSSP report 2013/14	Sec Mgr
6.	NSSP plan 2014/15	Sec Mgr
7.	Combined workshop intro	Chair
	a. Workshop session 1	Meeting
	b. Brief back session 1	Meeting
	c. Workshop session 2	Meeting
	d. Brief back session 2	Meeting
	e. Workshop session 3	Meeting
	f. Brief back session 3	Meeting
8.	Workshop summation	Chair
9.	SAR Agency items	Meeting
10.	General Business	Meeting

Next Meetings:

NZSAR Council: 18 November 2014

NZSAR Consultative Committee: 4 November 2014

MOSR 3-1

19 August 2014

NZSAR Council
NZSAR Consultative Committee

Joint Service Level Agreement monitoring report: 2013-2014 Financial Year

1. **Provision of Services.** Services have been provided by the SLA partners as described in the table of outputs.

Outputs	Coastguard	LandSAR	AREC	SLSNZ
Provision of expert services				
Provision of expert advice				
Provision of IMT Members			Not Required	
Summary of non-SAR activity		Not Required	Not Required	Not Required
Up to date details available				
Participation in joint SAREX				
Attendance at Forums				
Nominations NZSAR Awards				

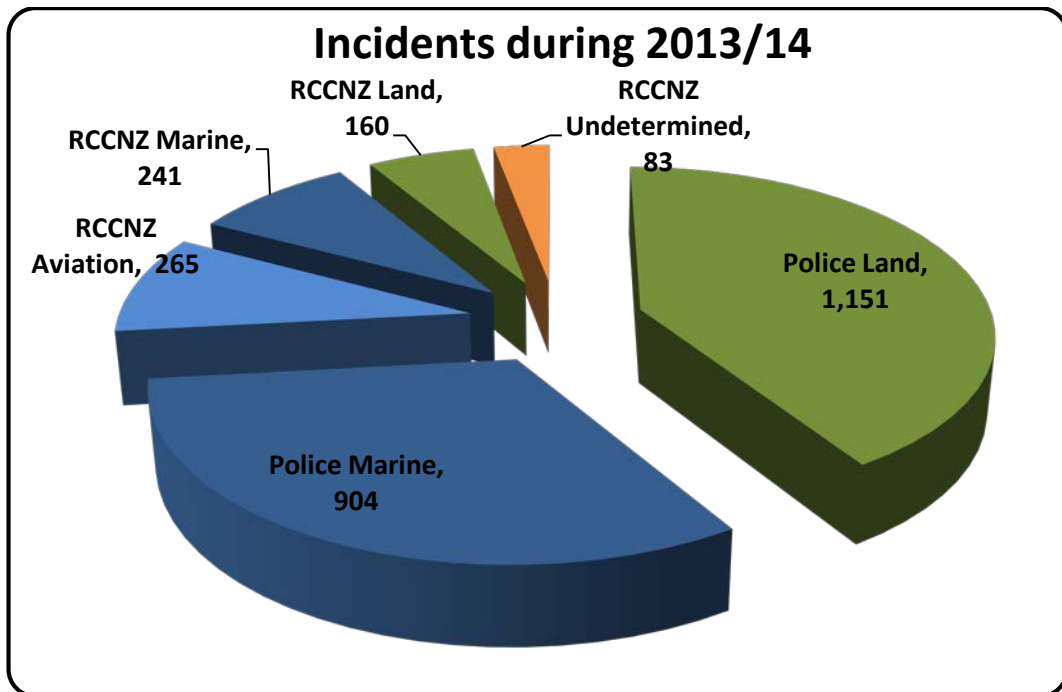
2. All reporting requirements have been met by the SLA partners during the year. Total volunteer hours reported for SAROP equates to 10.6 FTE. A summary of activity as reported by the SLA partners for the quarter is below.

Outputs	Coastguard	LandSAR	AREC	SLSNZ	Totals
SAROPs Attended	386	236	69	47	--
Volunteers Involved	2,416	2,233	158	199	5,006
Volunteer Hours	5,831	14,657	1,242	347	22,077

3. **Activity for the Year.** A summary of overall activity for the year, as reported by the two coordinating authorities is below. There were 128 fewer incidents compared to the 2012-13 year (a 4% reduction).

Measures	Police	RCCNZ	Totals
SAROPs	2,055	749	2,804
Lives at Risk	1,494	1,873	3,367
Lives Saved	104	17	121
People Rescued	558	180	738
People Assisted	740	165	905
LandSAR Taskings	378	8	386
Coastguard Taskings	305	12	317
SLSNZ Taskings	71	0	71
AREC Taskings	56	1	57
Performance of SLA Partners	Satisfactory	Satisfactory	Satisfactory

4. The graph below provides a breakdown of all incidents by mode and Category. This is very similar the 2012-13 year.



Carl van der Meulen
 Senior Advisor
 NZSAR Secretariat

MOSR 3-1

19 August 2014

NZSAR Council
NZSAR Consultative Committee

**Joint Service Level Agreement monitoring report:
1 April - 30 June 2014 Quarter**

1. **Provision of Services.** Services have been provided by the SLA partners as described in the table of outputs.

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Provision of expert services				
Provision of expert advice				
Provision of IMT Members			Not Required	
Summary of non-SAR activity		Not Required	Not Required	Not Required
Up to date details available				
Participation in joint SAREX				
Attendance at Forums				
Nominations NZSAR Awards				

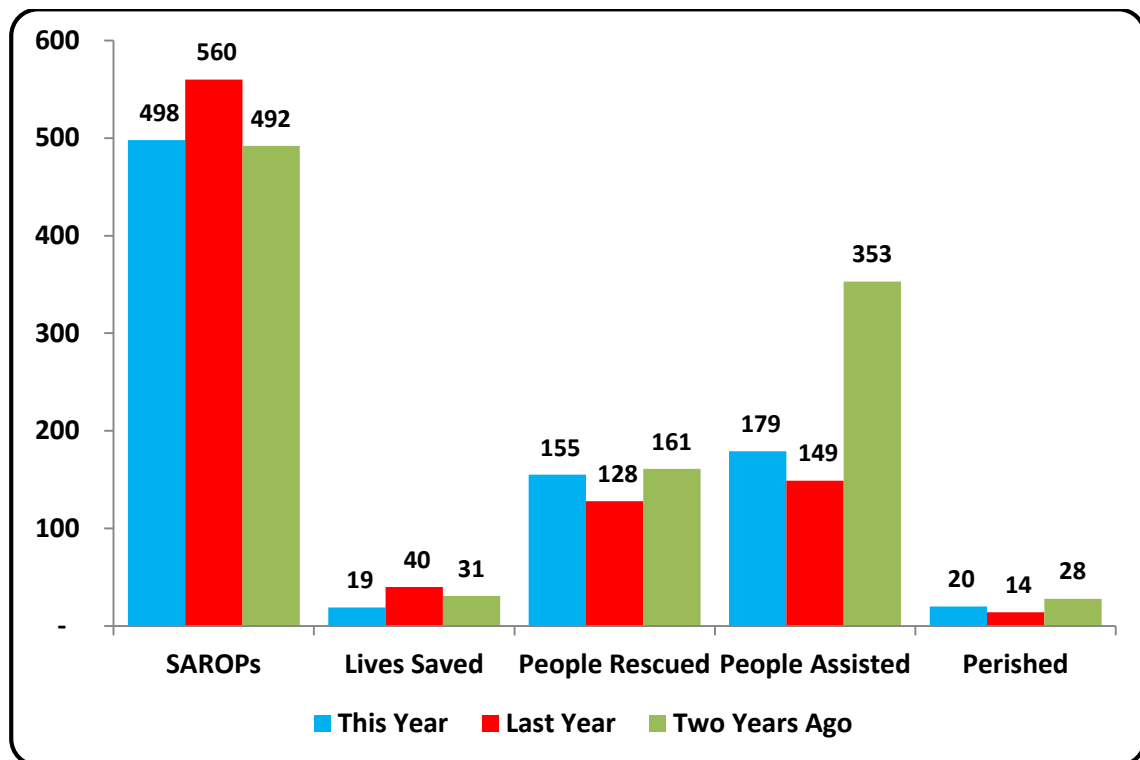
2. A summary of activity as reported by the SLA partners for the quarter.

Outputs	Coastguard	LandSAR	AREC	SLSNZ	Totals
SAROPs Attended	71	64	12	5	--
Volunteers Involved	428	485	23	29	965
Volunteer Hours	961	2,936	151	48	4,096

3. **Activity for the Quarter.** A summary of overall activity for the quarter, as reported by the two coordinating authorities.

Measures	Police	RCCNZ	Totals
SAROPs	316	182	498
Lives at Risk	292	253	545
Lives Saved	17	2	19
People Rescued	111	44	155
People Assisted	148	31	179
LandSAR Taskings	85	2	87
Coastguard Taskings	47	2	49
SLSNZ Taskings	12	0	12
AREC Taskings	11	1	12
Performance of SLA Partners	Satisfactory	Satisfactory	Satisfactory

4. The graph below provides a comparison with the same quarter for the previous two years.



Summary of Issues and Updates

5. Coastguard

- Coastguard has completed, or is about to complete, the following reviews:
 - i. Coastguard New Zealand's Strategic Plan – once adopted this will be circulated to SAR partners.
 - ii. Coastguard New Zealand's Constitution – this will strengthen the linkages between the various entities within the Coastguard Federation, and clearly define roles and responsibilities. As it is necessary to undertake widespread consultation, the timeline is for the revised constitution to be signed-off at the 2015 AGM.
 - iii. A full risk review exercise – this review included key risks, H&S, long term financial sustainability, and volunteer management. This review has informed the new strategic plan.
- Coastguard advises the following staff changes of note to the sector:
 - i. Jim Carter has retired from his role as Chief Financial Officer.
 - ii. David Tommas has announced his resignation (effective from the end of the year) as CEO of Coastguard Northern Region.
 - iii. Pete Healy has been appointed into the newly established position of H&S MOSS Manager.

6. LandSAR NZ

- Progress is being made on the following four key projects, which will result in improvements to the SAR services that LandSAR provides to the Coordinating Authorities:
 - i. Competencies Framework
 - ii. Safety Management System
 - iii. Wander Framework Implementation
 - iv. LandSAR website and Learning Management System upgrade
- The Safety Management System and new LandSAR website/Training Management System projects are scheduled to be completed by Christmas 2014.
- The documentation of the Competencies Framework project will be completed by the end of the 2014 calendar year, with piloting and implementation of the system undertaken in 2015.
- Implementation of the findings of the Wander Search framework document will be an ongoing process for some time.

7. Surf Life Saving New Zealand

- SLSNZ has appointed Allan Mundy as the Lifesaving Services and Education Manager; this role is responsible for all lifesaving services.
- The Bay of Plenty // Coromandel Communications Network is well into construction, and will provide radio coverage along the coastline between Hot Water Beach and Maketu over the 2014/15 summer.

8. AREC

- Have no issues or updates to report to the Council.

Carl van der Meulen
Senior Advisor
NZSAR Secretariat

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NZSAR Combined Meeting & Workshop 21 August 2014



Item 2. Apologies

- Mike Bush – Police
- Joe Green – Police
- Mike Edginton – DOC
- Tony Davies – NZDF
- Simon Trotter – Antarctica NZ
- Jeff Sayer – AREC

Welcome

- Sam Hoyle, Assistant Commissioner: Response & Operations – Police
- Wg Cdr Rodger Pringle – NZDF
- Allan Mundy – SLSNZ
- Gareth Bradshaw – AREC



3. Q4 SLA Monitoring Report

Outputs	Coastguard	LandSAR	AREC	SLSNZ
Provision of expert services to CA				
Provision of expert advice to CA				
Provision of IM Team Members				
Summary of non-SAR activity				
Up to date details available for CA				
Participation in joint SAREX				
Attendance at Forums				
Nominations for NZSAR Awards				



3. Q4 SLA Monitoring Report

Summary for the 1 April – 30 June 2014 Quarter

Measures	Police	RCCNZ	Totals
SAROPs	316	182	498
Lives at Risk	292	253	545
Lives Saved	17	2	19
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Volunteers Involved	428	485	23	29	965
Volunteer Hours	961	2,936	151	48	4,096

2,320 Coastguard volunteers responded to 419 non-SAR related calls for assistance during the quarter.



3. Q4 SLA Monitoring Report

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AREC

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4. SLA Monitoring Report

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4. SLA Monitoring Report

Summary for the 1 July 2013 – 30 June 2014 Year

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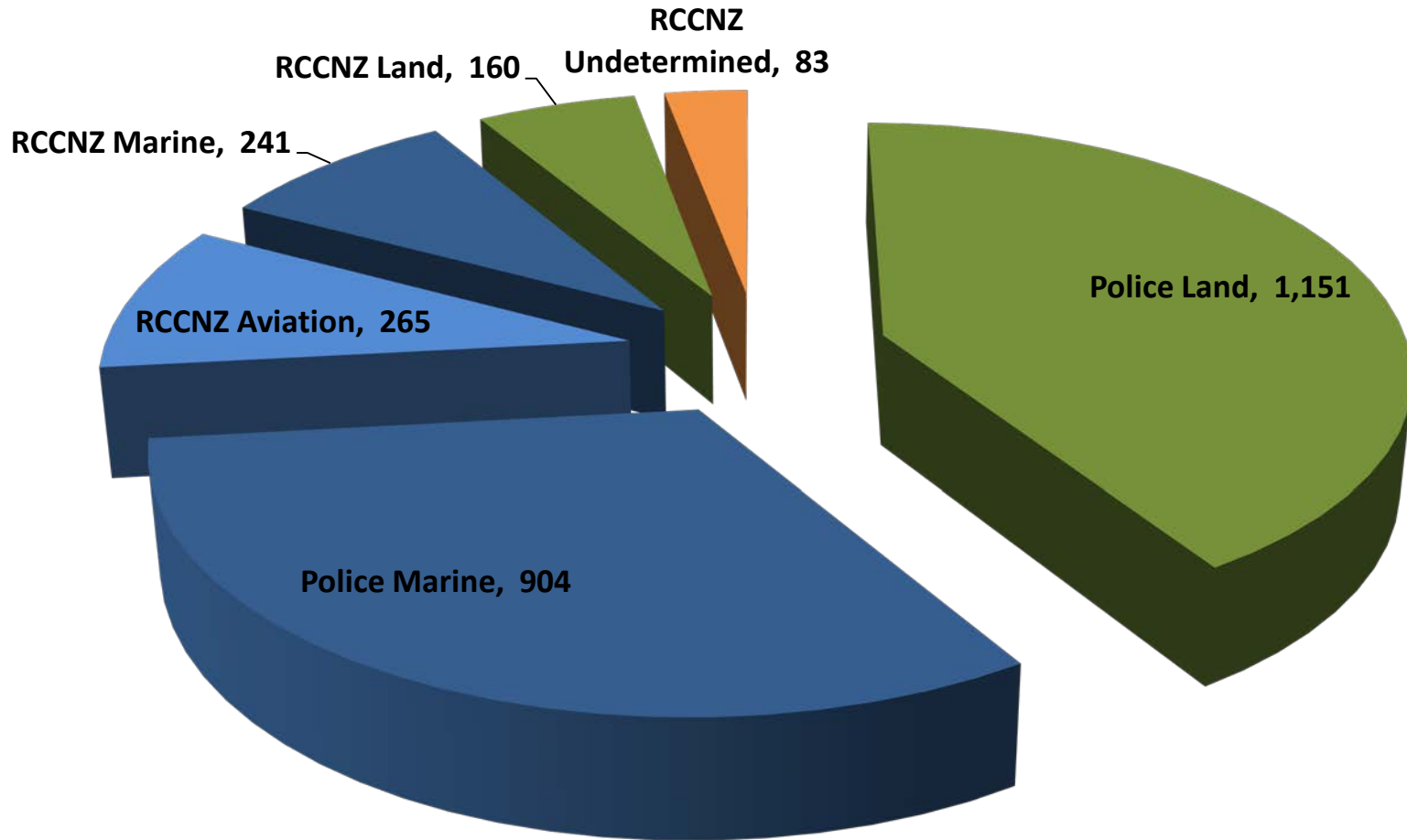
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9,370 Coastguard volunteers responded to 2,412 non-SAR related calls for assistance during the quarter.



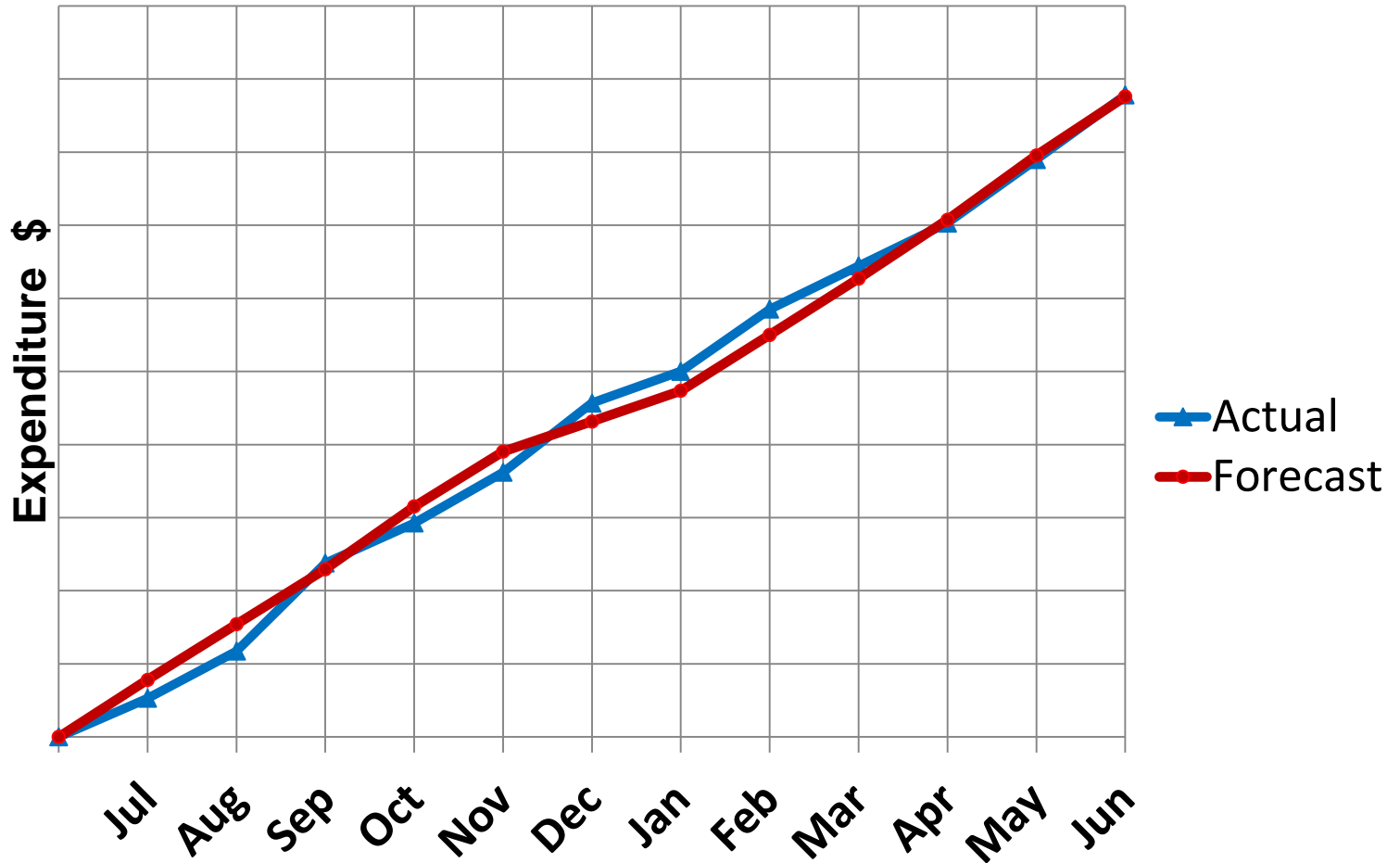
4. SLA Monitoring Report

Incidents during 2013/14



Item 5. 2013/14 NSSP Finances

Total SARS Expenses to 30 June
Actuals vs Forecast



5. 2013/14 NSSP Summation

Workshops	SAR Training
• Land Communications	• National SAR Training Framework
• Wander	• OSC Course
• Rescue Swimmers	• Air observer training
• Organisational Support	• Air observer review /pre course material
SAR Data management and IT	• SAR Managers
• SARNET	• Marine MIR & Pre course material
• SAR Dashboard	Prevention
• Data normalisation	• AdventureSmart Comms
• Data collection review	• Visitor Intentions
• Resource database enhancement	• Boating Intentions
SAR Documentation	• Safety Code Partnership
• Police SAR Manual	Exercises
Secretariat	• Police SAREX support
Comms, Awards, meetings, travel etc	• MRO SAREXs
Wander	SAR Research
• Entity establishment	• Operational Analysis

6. 2014/15 NSSP Plan

Workshops & Seminars	SAR Training
• Wander Symposium	• Training Support and Advice
• Land Search Seminar	• Air Observer on line material
• SAREX Planning	• Air observer training
• Helicopter workshop	• Land Formal Search planning
• SAR Partner Wksp support	• Marine Formal Search Planning
• Organisational Support	• START material
SAR Data management and IT	Prevention
• Data Store and analysis tools	• AdventureSmart Comms & website maint
• Data Extractions	• Visitor Intentions
• SAR Data Standard	• Wander
• Operational Analysis	• Jasons / Tourism Radio
• Resource database enhancements	• Safety Code Partnership
• Maint - SARNET, Website, START, RDB etc	Exercises
SAR Documentation	• Police SAREX support
• SAR Forms and Guidelines	• MRO SAREXs
Secretariat	SAR Research
• Communications and publications	• Review of SAR in NZ
• NZSAR Awards	• Avalanche Advisory Independent review
• Travel, meetings, advice etc	• SAR Funding part II

Item 7. Combined Workshop

Item	Time
Combined workshop introduction	10
Workshop session 1	25
Brief back session 1	15
Workshop session 2	25
Brief back session 2	15
Workshop session 3	25
Brief back session 3	15
Workshop summation	15

What might Search and Rescue look like in 2034?

Outcome.

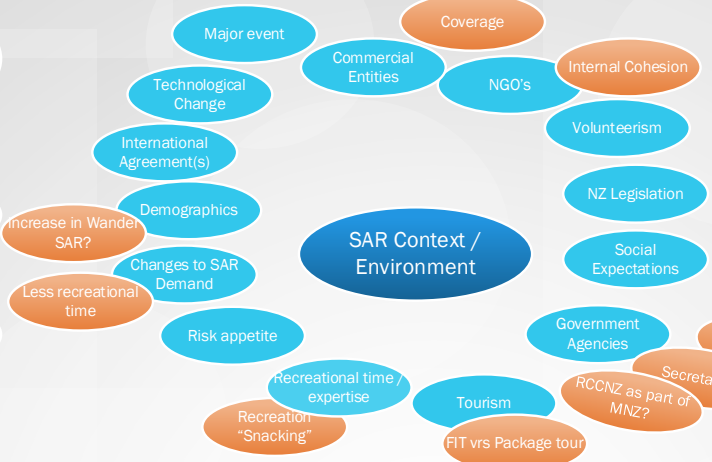
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Vision.

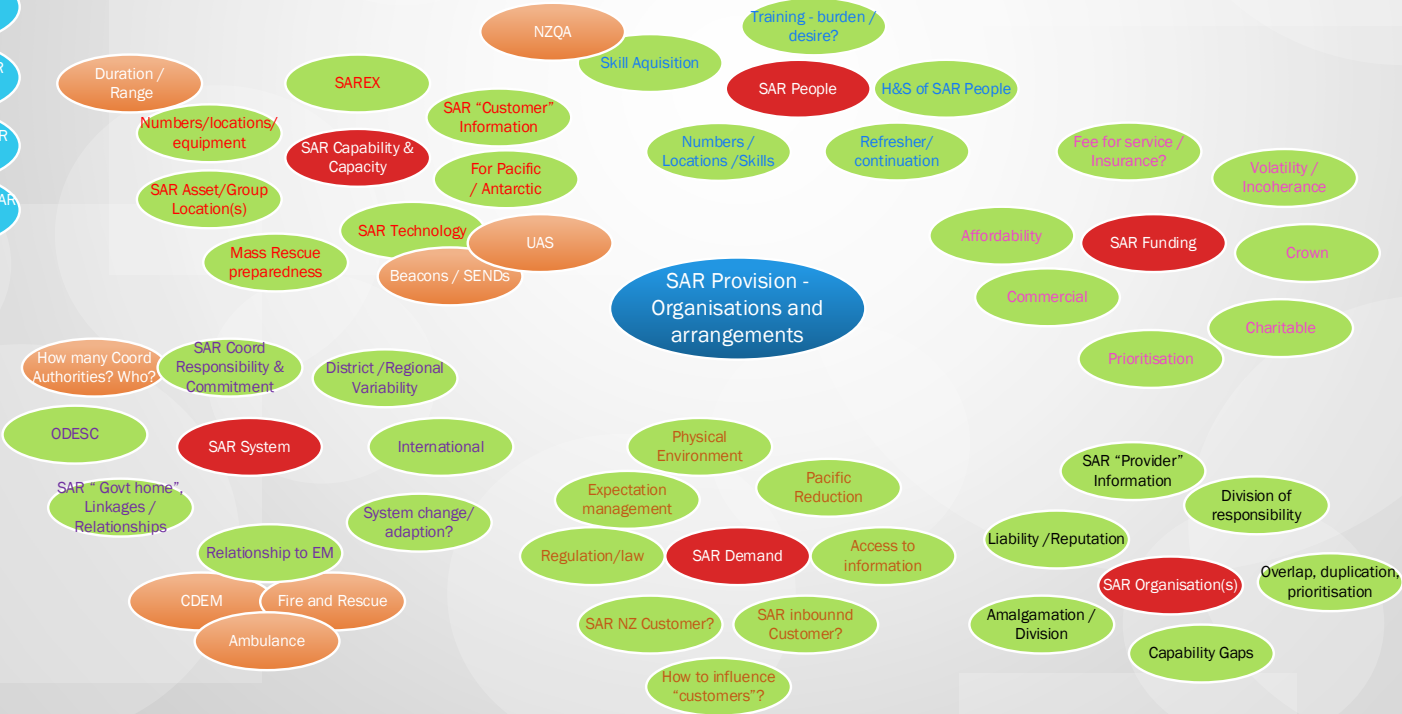
A cohesive community of capable people in sustainable organisations, finding and rescuing people in distress and operating collaboratively within a robust SAR system

- NZSAR Goals
- Capable SAR people
- Reduced Demand for SAR Services
- Robust and Integrated SAR system
- Efficient and sustainable SAR Organisations

SAR Context / Environment



SAR Provision - Organisations and arrangements



	Group A	Group B	Group C
Question 1	For SAR - what will influence our future?	Are we in the right shape for the future?	How can we work more effectively?
Question 2	How can we improve our coord arrangements?	How can we improve our SAR system?	What should SAR governance look like?
Question 3	What needs changing now/soon/one day?	Who should SAR linked with/ be apart of?	How should SAR be paid for?

- NZSAR Risks
- SAR Information
- SAR Funding
- Cohesive SAR Training
- Volunteerism
- Recreational Knowledge
- MRO event
- MEOSAR Delay
- Health and Safety

Item 8. Workshop Summation

- Pearl of wisdom
- Grain of truth
- Spark of an idea
- Specks of gold



Item 9. SAR Agency Items



Item 10. General Business



"Is there any other business before we jump?"

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ENDS



What might Search and Rescue look like in 2034?

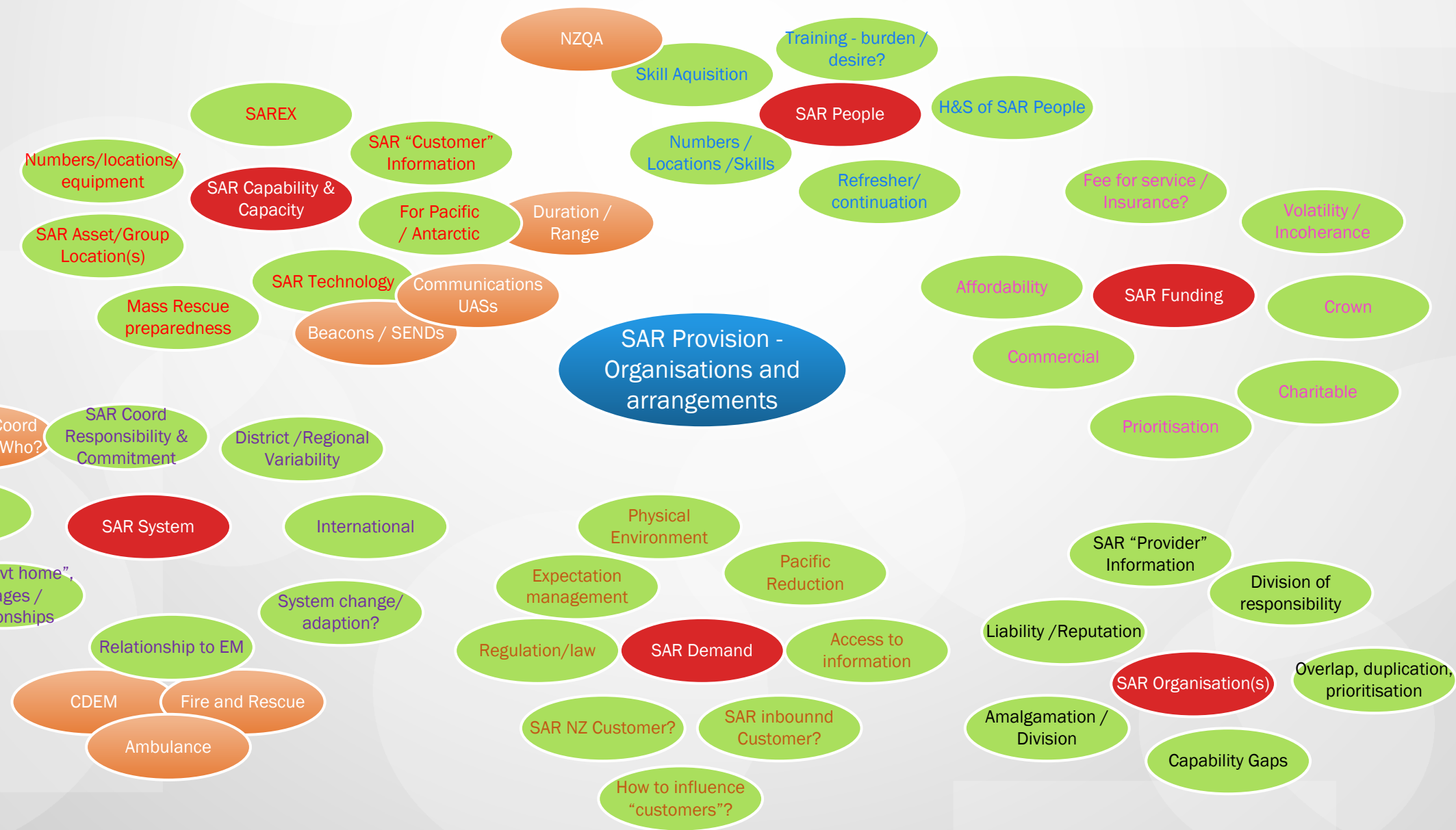
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