



New Zealand Search and Rescue

SAR TELECOMMUNICATIONS WORKING GROUP (LAND)

Meeting Notes

Tuesday 30 May 2017

Moana Room, RCCNZ

Avalon TV and Film Studios

41 Percy Cameron St, Lower Hutt

Present:

Duncan Ferner (NZSAR) (Chair)

Rex Aubrey (NZSAR radio consultant) (Scribe)

Ian Newman (LSAR NZ)

Tony Hunt (NZ Police)

Jeff Sayer (National AREC)

John Yaldwyn (AREC Wellington)

John Woof LSAR NZ contracting radio engineer.

1. Welcome

Duncan opened the meeting and welcomed John Woof to the group.

2. Apologies

Jo Anne Holden (NZ Police)

Pete Corbett (Acting LSAR NZ CEO).

John Lovell (representing Ministry of Civil Defence & Emergency).

Allan Mundy (Surf Life Saving NZ.)

3. Acceptance of minutes

The minutes from the last meeting held on 26 January 2017 were confirmed as accurate and complete.

4. Matters arising from the January minutes

- a Letter received from Police committing to their future support of existing HF and VHF radio equipment used for SAR.
- b Letter received from Police providing access to their VHF digital trunk radios networks in Auckland, Wellington and Canterbury for SAR. (items 1 and 2 incorporated in the same letter from Police)
- c Recommendations from technical sub working group on specifications of VHF handheld portable radios for future purchases submitted by Rex
- d Recommendations from technical sub working group on maintenance of fixed VHF repeater submitted by Rex

5. Resources NZSAR database demonstrated by Duncan

Action: Rex is to draft an action plan to assist LSAR, AREC and Police ICT to provide details and coverage maps of fixed VHF radio repeaters for database.

6. VHF handheld portable radios national channel plan

Action: Rex is to draft an action plan on how, what and when the channel plan can be achieved.

7. Voice recording of radio communications

Action: Rex to draft an action plan on how, what and when voice recording of radio communications can be achieved.

8. NZ Police ICT engagement on the items listed above

Rex to have monthly meeting with Police ICT radio engineers at the Police College arranged by Tony Hunt, regarding NZ Police ICT engagement on the items listed above .

9. AREC annual conference Queens birthday weekend in Rotorua

Rex to attend the AREC annual conference Queens Birthday weekend and represent NZSAR.

10. LSARNZ submission

Ian Newman talked about their communications initiatives.

Notes from Ian below:

As discussed here is a LandSAR update on our communications initiatives;

- LandSAR have begun our purchasing of TP9300's with a SARTrack enabled Channel Plan.
- Continuing uptake of SARTrack GPS live tracking with either TP9300's or TP8100 with GPS hand microphone.

- LandSAR investigating the capability of texting from a TP9300. If it works we will have to establish some protocols.
- LandSAR investigating a fully portable and waterproof VHF base set with mains, battery and solar charging at a competitive cost. Tait has a product on the market but it is around 8-9K, so we are looking at cheaper options or a better price from Tait.

11. Progress report on the NZ Defence HF radio upgrade project

Action: Rex to submit notes from the meeting and NZ Defence to send out official minutes from their meeting in regards to the Progress report on the NZ Defence HF radio upgrade project.

12. Progress report on Codan Long Range Digital Radio equipment being evaluated by AREC

Jeff stated that AREC are working with Ignite (Jono Sands) to continue to evaluate this system.

13. Progress report from AREC on their DMR radio repeater rollout

John Yaldwyn talked about the DMR project that the AREC are implementing and to provide coverage maps of the sites.

14. Progress report from Police on making the VHF digital trunk networks available to LSAR NZ

Action: Rex to liaise with Police radio engineers to get a project under way on making the Police VHF digital trunk networks available to LSAR NZ.

15. Meeting end

Next meeting TBA



New Zealand Search and Rescue

TASK LIST - SAR TELECOMMUNICATIONS WORKING GROUP (LAND) 30th May, 2017			
Agenda Item No.			
5	Action point to draft an action plan to assist LSAR, AREC and Police ICT to provide details and coverage maps of fixed VHF radio repeaters for Resources NZSAR database.	Rex	
6	Action point on Rex to draft an action plan on how, what and when the VHF handheld portable radios national channel plan can be achieved.	Rex	
7	Action point on Rex to draft an action plan on how, what and when voice recording of radio communications can be achieved.	Rex	
8	Rex to have monthly meeting with Police ICT radio engineers at the Police College arranged by Tony Hunt, regarding NZ Police ICT engagement on the items listed above .	Rex	
9	Rex to attend the AREC annual conference Queens Birthday weekend and represent NZSAR.	Rex	
11	Rex to report on NZ Defence HF radio upgrade project.	Rex	
14	Rex to liaise with Police radio engineers to get a project under way on making the Police VHF digital trunk networks available to LSAR NZ.	Rex	