



Search and Rescue (SAR) Workshop IV SAR Coordination and Response in the Antarctic

Convened by the Council of Managers of National Antarctic Programs (COMNAP)



Co-hosted by Antarctica New Zealand &
Joint Rescue Coordination Centre New Zealand
(JRCCNZ), Maritime New Zealand



**14 May (Wellington) and 16–17 May (Christchurch) 2019
New Zealand**

The working language for the workshop will be English-translation services will not be provided.

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See also [COMNAP SAR WORKSHOP IV](#)

Objectives

The overarching objective of the workshop is to continue to **improve Search and Rescue (SAR) coordination and response in the Antarctic** as a follow up on SAR Workshops I (2008), II (2009) and III (2016).

Specific objectives of this fourth workshop are to:

- Conduct a **review of progress**, in particular on actions arising from the previous workshops;
- Continue the **exchange of timely and useful information** that can be used in the event of a SAR situation;
- Present examples of **best practice** to support SAR coordination and response;
- Exchange information on **aviation safety** including advanced notification of air operations in support of prevention of incidents, accidents and near-misses;
- Discuss **lessons learned** from recent real Antarctic emergency incidents;
- Engage all participants in **regional coordination and response to Mass Rescue Operations (MRO)** scenarios.

Agenda

1. Opening, apologies, introductions
2. Background to the SAR Workshop IV and brief review of SAR Workshop III, and update on progress
3. Exchange of information/key messages from Rescue Coordination Centres
4. Exchange of information/key messages related to non-governmental operations, fisheries and all air activity:
 - a. Air operations in the Peninsula Region
 - b. Air activity in support of National Antarctic Program operations
 - c. IAATO and air activity in relation to tourism
 - d. National Antarctic Program Air Activity including Remotely Piloted Aircraft Systems (RPAS)
 - e. Fisheries activity
5. Exchange of information/key messages from National Antarctic Programs
6. COMNAP products and tools
 - a. e-AFIM
 - b. COMNAP Asset Tracking System (CATS)
 - c. Other tools in support of science, operations and logistics
7. Best practice and lessons learned during recent real Antarctic emergency events
8. Regional Mass Rescue Operation (MRO) Scenarios Workshop
 - a. Peninsula-aviation scenario
 - b. Ross Sea Region-traverse scenario
 - c. Dronning Maud Land/East Antarctica-marine scenario
9. Conclusions
10. Close

Proposed Schedule: General/Overview

Day 0: Monday 13 May 2019 – recommended arrival date for those who intend to participate in the Wellington-based sessions (Day 1 below)

Day 1: Tuesday 14 May 2019 (Wellington; This day of particular relevance to RCCs)

- Transfer from Wellington city centre to SAR Workshop venue (Bus transportation will be provided/pick-up will be at 09:00 promptly from the front entrance of *Te Papa–Museum of New Zealand Te Papa Tongarewa* 55 Cable Street Wellington)
- Workshop Day 1 10:00–16:00
- Transfer back to Wellington city centre
- New Zealand Ministry of Foreign Affairs and Trade (MFAT) Welcome Function (17:00–19:00), all SAR Workshop IV participants invited

Travel Day: Wednesday 15 May 2019 (Delegates to fly from Wellington to Christchurch; Recommended arrival date for international arrivals to Christchurch and those who wish to participate in the Christchurch-based sessions (Days 2 and 3 below). Please make your own travel arrangements. Some travel information and suggestions is available by way of a link to delegates when they complete the on-line registration.

Day 2: Thursday 16 May 2019 (Christchurch; This day for RCCs, National Antarctic Programs, and others)

- Workshop venue doors open 08:00, Workshop 09:00–17:30
- Workshop dinner (18:30–20:30)

Day 3: Friday 17 May 2019 (Christchurch; This day for RCCs, National Antarctic Programs, and others)

- Workshop 08:30–12:30
- Transfer by bus to Antarctica New Zealand
- 12:40–16:00 Lunch followed by tour of Antarctica New Zealand and offices of other National Antarctic Programs based in Christchurch (USAP, KOPRI and ENEA) at the Christchurch Airport

COMNAP SAR Workshop VI Schedule: Day 1 Wellington

Venue: (Buses will take delegates to) The Ricoh Sports Centre, 237 Taita Drive, Avalon, Lower Hutt

Day 1: Tuesday 14 May 2019 (09:00–19:00)

09:00 (sharp)	<i>For all delegates-bus transfer from city to SAR Workshop venue Bus departs from Te Papa–Museum of New Zealand Te Papa Tongarewa 55 Cable Street, Wellington</i>
09:45	Delegates arrive workshop venue, pick up name badges
10:00–11:00	<i>Session Chair: Greg Johnston</i> a) Opening, introductions and welcome Introduction from Mike Hill, Manager JRCCNZ Welcome from Michelle Rogan-Finnemore, COMNAP Executive Secretary Welcome from Keith Manch, Director Maritime New Zealand b) Safety, practical and technical challenges in the Ross Sea, Antarctica W1 10:30–10:50 Greg Johnston “The JRCCNZ Antarctic SAR Response Plan” 10:50–11:00 Initial questions, comments and discussion
11:00–11:30	Coffee break (<i>Group photo</i>)
11:30–12:30	Session continues W2 11:30–11:50 Luke Gaskin, New Zealand Ministry of Foreign Affairs and Trade, “Southern Ocean Overview” W3 11:50–12:10 Jack Fenaughty, New Zealand Industry Toothfish Committee, “A Commercial Fisheries Perspective” W4 12:10–12:30 Cathie McGregor, Maritime New Zealand, “IMO Polar Code”
12:30–13:30	Lunch
13:30–14:30	c) New Zealand capabilities and operational commitments to Antarctica W5 13:30–13:50 Ben Smith, Royal New Zealand Air Force W6 13:50–14:10 Murray Tuffin, Royal New Zealand Navy 14:10–14:30 Discussion
14:30–16:00	Tour of the JRCCNZ Operations Room and Maritime Operations Centre (two groups alternating with afternoon coffee break)
16:00	<i>For all delegates-Bus departs venue for return to Wellington city centre</i>
17:00–19:00	<i>For all delegates-Diplomatic reception hosted by New Zealand Ministry of Foreign Affairs & Trade; Welcome from host, Rosemary Paterson, Manager Environment Division Venue: Wellington Rowing Club, Taranaki Street Wharf, Wellington</i>

COMNAP SAR Workshop IV Schedule: Days 2 and 3 Christchurch

Venue: Canterbury Employers' Chamber of Commerce, Mainland Room, 57 Kilmore Street, Christchurch Central (www.cecc.org.nz)

Day 2: Thursday 16 May 2019 (08:00–17:30)

08:00–09:00	Workshop registration (Please make your own way to venue for registration)
09:00–09:30	<i>Sessions 1 & 2 Chair: Michelle Finnemore</i> (1) Opening, apologies, introductions Welcome from Dr Kelly K. Falkner, COMNAP Chair; Greg Johnston, JRCCNZ; and Simon Trotter, Antarctica New Zealand (2) Workshop background and review of progress
09:30–11:00	<i>Session 3 Chair: Greg Johnston</i> (3) Key Messages from Antarctic “gateway” RCCs 3.1 09:30–09:45 Christian David Corona, Chief, Puerto Belgrano SAR RCC, Argentina 3.2 09:45–10:00 Lars Christiansen, Head Antarctic Affairs, Chilean Navy, Chile 3.3 10:00–10:15 Santiago Madrid, Advisor, Chilean Air Force, Chile 3.4 10:15–10:30 Chris Wilson, Senior SAR Officer, JRCCNZ, New Zealand 3.5 10:30–10:45 Louise Proctor, Manager Response Policy, ASMA Australia 3.6 10:45–11:00 Jared Blows, Chief, MRCC Cape Town, South Africa
11:00–11:30	Coffee break
11:30–11:40	<i>Session 3 continues:</i> Further discussion and summary of key points from session 3
11:40–12:30	<i>Session 4 Chair: Kelly Falkner</i> (4) Key Messages from fisheries and aviation sectors 4.1 11:40–11:55 Bonney Webb, Fishery Monitoring & Compliance Manager, CCAMLR 4.2 11:55–12:10 David Rootes, ALE Logistics Manager, IAATO 4.3 12:10–12:25 Paul Sheppard, Chief Program Manager USAP & COMNAP Air Operations Expert Group Leader 12:25–12:30 Questions, comments, initial discussion
12:30–14:00	Lunch break (Group photo before lunch begins)
14:00–15:30	<i>Session 5 Chair: Simon Trotter</i> (5) Key Messages from national Antarctic programs 5.1 14:00–14:15 Vincenzo Cincotti, Director, ENEA, Italian National Antarctic Program 5.2 14:15–14:30 Wei Fuhai, Deputy Division Head of Expedition and Operation, Polar Research Institute of China 5.3 14:30–14:45 Chris Gallagher, Field Support & Emergency Management Co-ordinator, Australian Antarctic Division 5.4 14:45–15:00 Simon Garrod, Director of Operations, British Antarctic Survey 15:00–15:30 Discussion of sessions 3, 4 and 5
15:30–16:00	Coffee break
16:00–17:00	<i>Session 6 Chair: Robb Clifton</i> (6) COMNAP products & tools 6.1 16:00–16:20 Update on COMNAP ATOM, CATS & the e-AFIM and annual information exchange requirements 6.2 16:20–16:45 Wolfgang Rack, Associate Professor, University of Canterbury, “Sea Ice Remote Sensing Innovations: Technology on the <i>Aghulas II</i> 2019 Voyage” 16:45–17:00 Discussion
17:00–17:30	<i>Session 8 Chair: Dave Wilson</i> Introduce Regional MRO Scenarios (8.0)
18:30–20:30	Workshop Dinner, Venue: Novotel Christchurch Cathedral Square, 52 Cathedral Square

Day 3: Friday 17 May 2019 (08:30–16:00)	
08:30-08:40	<i>Summary of previous day / questions: Michelle Rogan-Finnemore</i>
08:40–9:15	<p><i>Session 7 Chair: Lars Christiansen</i> (7) Lessons learned from recent real events</p> <p>7.1 8:40–8:50 Fire at Bahia Fildes (Chile)</p> <p>7.2 8:50–9:00 Lessons learned from recent medavac in Peninsula (USA)</p> <p>9:00–9:15 Discussion</p>
9:15–12:30	<p><i>Session 8 Chair: Dave Wilson</i> (8) Regional MRO Scenarios Workshop (Break-out groups)</p> <p>8.1 Region: Peninsula, Co-Led by Lars Christiansen and Christian Corona</p> <p>8.2 Region: East Antarctica/Dronning Maud Land, Co-Led by Jared Blows, Cindy Francis and Andrew Burden</p> <p>8.3 Region: Ross Sea Region, Co-Led by Greg Johnston and Richard Hunter Includes reports back from each region and discussion</p>
12:30–12:40	Close of workshop
12:40	<i>Buses depart Workshop venue for Antarctica New Zealand offices-where lunch will be provided and there will be a tour of the Antarctic-related facilities.</i>
13:00–14:00	Lunch break
14:00–16:00	Tour of the airport campus headquarters of Antarctica New Zealand, and the Christchurch offices of the Italian Antarctic Program, the Korean Antarctic Program and the US Antarctic Program; Free Antarctic Attraction entry.

Contacts

Joint Rescue Coordination Centre NZ/JRCCNZ (Wellington)

Greg Johnston
 Senior Search and Rescue Officer
 Joint Rescue Coordination Centre New Zealand (JRCCNZ)
 +64 457 78030
Greg.Johnston@maritimenz.govt.nz

Antarctica New Zealand

Simon Trotter
 General Manager, Antarctic Operations
 Antarctica New Zealand
 +64 21 410426 (mobile) +64 3 3580246 (office)
s.trotter@antarcticanz.govt.nz

COMNAP

Michelle Rogan-Finnemore
 Executive Secretary
www.comnap.aq
 +64 3 3692169
michelle.finnemore@comnap.aq