

# New South Wales Fire Brigades Operations Bulletin 2009/07 NSWFB and RFS joint operations radio channels



## Improving interagency coordination

Coordination of resources at bush and grass fires is crucial for safe and effective operations and is particularly important when the NSW Fire Brigades and the NSW Rural Fire Service (RFS) are working together.

This bulletin outlines the range of interagency simplex and GRN Emergency Service Organisation (ESO) liaison radio channels that have been programmed into the radios of both services to assist with coordination.

## Primary liaison channels

At joint operations, radio liaison between the officers in charge of each service should be initiated using the 1300 series **simplex ESO channels**. These channels can be used in all areas without seeking permission but are limited to "line of sight".

For the NSWFB, **the primary liaison channel is 1302 ESO SIM 2.**

The table at the end of this bulletin provides a full listing of the NSWFB ESO channels and their equivalent RFS channels. It will be noted that:

- there are dedicated simplex channels for air-to-ground communications, and
- simplex channels 1311 and 1312 can be boosted by the use of in-field repeaters where terrain or obstructions block line-of-sight. To request an in-field repeater, contact your ComCen.

## Wide area liaison channels

At large scale incidents, or where operating over a large geographical area, the use of a GRN talkgroup may be desirable.

When this is required, use the **GRN ESO talkgroups**. For the NSWFB, these are the 1200 series talkgroups.

Before using a 1200 Series GRN ESO talkgroup, you need to:

- be within the GRN coverage area, and
- request, through your ComCen, for a talkgroup to be allocated by the GRN Network Operations Control Centre (NOCC).

See the table at the end of this bulletin for a list of NSWFB talkgroups and their equivalent RFS talkgroups.



### **NOTE:**

You can only use the GRN-enabled (yellow aerial) hand-held transceivers for 1200 series talkgroups. Also it is preferable to use a vehicle-mounted radio rather than a hand-held transceiver as this will improve signal strength.

## Further reading:

For advice on changing your radio to use these liaison channels, see the Motorola XTL 5000 FireTube videos ([Part 1](#) and [Part 2](#)).

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## NSWFB and RFS joint operations radio channels

<b>Simplex Operations</b> <b>(Short range, line of sight)</b> (may be used at any time)		
NSWFB Channel	NSW RFS Channel	Purpose
1301 ESO SIM 1	EA ESO SIM 21	Primary air-to-ground channel
<b>1302 ESO SIM 2</b>	<b>EA ESO SIM 22</b>	<b>Primary liaison channel</b>
1303 ESO SIM 3	EA ESO SIM 23	Secondary liaison channel
1304 ESO SIM 4	EA ESO SIM 24	General use
1305 ESO SIM 5	EA ESO SIM 25	General use
1306 ESO SIM 6	EA ESO SIM 26	General use
1307 ESO SIM 7	EA ESO SIM 27	General use
1308 ESO SIM 8	EA ESO SIM 28	General use
1309 ESO SIM 9	EA ESO SIM 29	General use
1310 ESO SIM 10	EA ESO SIM 30	General use
1311 ESO RPT 1	EA ESO RPT 31	General use with in field repeater
1312 ESO RPT 2	EA ESO RPT 32	General use with in field repeater
1313 ESO AIR 1 (ESO AIR 1 = Police analogue channel 65)	EA ESO AIR 1 (ESO AIR 1 = Police analogue channel 65)	General air-to-ground use with Ambulance and Police aircraft
Backup air-to-ground channel for aircraft contact for NSWFB Communications Centres = 123.650 MHz		

<b>GRN Operations</b> <b>(Wide area)</b> (GRN coverage area only)	
NSWFB Talkgroup	RFS Talkgroup
1201 ESO 01	EA ESO 1
1202 ESO 02	EA ESO 2
1203 ESO 03	EA ESO 3
1204 ESO 04	EA ESO 4
1205 ESO 05	EA ESO 5
1206 ESO 06	EA ESO 6
1207 ESO 07	EA ESO 7
1208 ESO 08	EA ESO 8
1209 ESO 09	EA ESO 9
1210 ESO 10	EA ESO 10
These talkgroups are allocated by the GRN Network Operations Control Centre (NOCC) after a request from the ComCen. This ensures that another Emergency Service is not already using the talkgroup. Please notify your ComCen when the talkgroup is no longer required.	

Noted, Station Commander	A	B	C	D	Other

Contact Officer	File Number	Date
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Previous Operations Bulletin: 2009/06 Bush and grass fires - first informative and sitrep messages