



**SUBJECT** BA set update – important changes to Draeger BA sets  
**DATE** 16 March 2015  
**TO** All personnel  
**FROM** Paul McGill, Deputy National Commander  
**STATUS** Information only

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**Action** No action

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**Summary** Important changes will soon be made to the Draeger BA sets as follows:  
1. Medium pressure hoses will be replaced  
2. DSU alarm sensitivity and alarm timings will be adjusted  
3. Harness parts will be upgraded

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**Medium-pressure hose replacement** All medium-pressure hoses will be replaced with a new, thicker-walled hose. Hose samples were successfully trialed by the NZFS in Rotorua. Draeger then completed all the compliance requirements to make the new hose available for production. The first batch of hoses is due to arrive in New Zealand later this month, with all batches due to be delivered to Draeger by June this year.

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**DSU adjustments** The DSU alarms on both the standard and telemetry BA sets are to be adjusted as follows:

- The motion sensor feature will be made more sensitive to movement
- The time to pre-alarm will be adjusted to 30 seconds (increased from the current 21 seconds)
- The time to full alarm will be adjusted to 15 seconds (increased from the current 8 seconds)

The adjusted timings are in accordance with the British Standard BS10999.

These changes mean that the DSU alarms will activate less often, will allow firefighters more time to cancel the pre-alarm and will be easier to cancel before it goes into full alarm.

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**Harness part upgrade** Draeger is upgrading the harnesses of our BA sets as they wish to standardise harnesses across their product range.

Only the harness parts are being upgraded, i.e. the shoulder harness and waist belt. It does not include the straps.

Draeger will upgrade the harnesses of our sets at the same time that the medium-pressure hose is replaced and the DSU alarms are adjusted.

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**Making the changes** Draeger technicians will visit each fire station to make the changes to the BA sets. We are developing a programme to complete this work, which will see some visits programmed to fit in with existing scheduled testing, and other visits specifically scheduled to carry out the changes.

This work will start in April with high-use brigades, and we aim to have it all completed by the end of October this year.

We will publish a more detailed programme for Regions and Areas within the next few weeks.

**Where to find  
more information**

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A more detailed briefing paper is available at:

[Briefing on changes to BA sets](#)

Or you can contact Rob McMahon on:

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End of notice