



Document Control

Category	Operations
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1. Purpose

Marine Rescue use a Discrete Communications Network (DCN) consisting of seven channels for passing internal communications that do not need to be heard on the public radio. Note exception to this rule for Marine Rescue Cottage Point (MR CP) and Marine Rescue Hawkesbury Vessels (MRHW).

Analysis of the DCN repeater location confirms Marine Rescue Sydney – State Communication Centre best practice and this LOP sets out the procedure that is to be followed.

2. Procedure

- 2.1. DCN 1 (North Head), DCN 1 (“South Head” 1-8 CC – used for DCN North Head change channel) and DCN 2 (Barrenjoey) are to be monitored at all times. This will avoid the boat traffic on simplex channels.
- 2.2. Local boat bases are made aware to call on either DCN1 or DCN 2.
- 2.3. It is acceptable to remain on either DCN 1 or DCN 2 to communicate as they are “working channels” (ie they are not considered to be calling channels nor are reserved for emergency calls only).
- 2.4. Killcare DCN 4 is to be monitored at all times and will be used for transmissions between MRS - SCC and MRVs in the Cottage Point and Central Coast areas. Killcare CC (78) is to be used for any change channels.
- 2.5. DCN 5 (Killcare CC (78) radio) is to be used for transmissions between MRS – SCC and MRVs in the Hawkesbury area.

3. Repeater locations

DCN 1 – Sydney North Head, Port Macquarie, Byron Bay, Narooma
 DCN 2 – Batemans Bay, Barrenjoey Head
 DCN 3 – Nelson Bay, Bomaderry, Coffs Harbour
 DCN 4 and DCN 5 is for simplex use
 DCN 6 - Nambucca Heads
 DCN 7 - Wollongong

4. Only when MR CP and MR HW vessels go East of Flint and Steel is DCN2 (Barrenjoey) reliable.