

# VKS-737 & HF-Tel

Divisions of the Australian National 4WD Radio Network Inc.



Established 1993

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## Type Approved radio equipment for use on the VKS-737 Radio Network

Equipment used on the VKS-737 Radio Network must be Type Approved for use on Land Mobile frequencies and must comply with standards as laid down by the Australian Communications and Media Authority and its predecessors.

Relevant Standards include:

RB 209 (December 1970, January 1974, January 1976),  
DOC 209 (October 1988),  
ECR 209 (April 1992),  
Radiocommunications (MF and HF equipment – Land Mobile Service) Standard 2003,  
Australian / New Zealand Standard AS/NZS 4770:2000

Compliance with the relevant standards will either take the form of a compliance label or plate on the equipment, or alternatively written documentation from the equipment manufacturer.

Important aspects of equipment authorised for use under the Land Mobile Licence are:

- Must meet the technical requirements (i.e. transmit power, frequency stability, spurious emission limits etc.)
  - Must be suitable for operation by unskilled persons,
  - Must not operate, or permit operation of, the transmitter except on a frequency or frequencies as specified in the licence.
- The use of amateur radio equipment modified to allow transmission on Land Mobile frequencies is prohibited.

Further information on licensing conditions can be found in the Radiocommunications Act No. 174 of 1992 and Radiocommunications Licence Conditions (Land Mobile Licence) Determination No. 1 of 1997.

### Examples of Type Approved Radio Equipment for use on the VKS-737 Radio Network

|                     |                 |                         |                      |
|---------------------|-----------------|-------------------------|----------------------|
| Barrett 220         | Barrett 225     | Barrett 250             | Barrett 530          |
| Barrett 550         | Barrett 930     | Barrett 950             | Barrett 2040         |
| Barrett 2050        |                 |                         |                      |
| Codan 6801          | Codan 6924      | Codan 7303              | Codan 7515           |
| Codan 7727          | Codan 8525      | Codan 8528              | Codan 8727           |
| Codan 9105 (aka X2) | Codan 9313      | Codan 9323              | Codan NGT            |
| Codan X2            |                 |                         |                      |
| Icom F7000          |                 |                         |                      |
| IPC HF105           | IPC HF105       |                         |                      |
| Kimberley HF105     | Kimberley HF106 |                         |                      |
| OEM Scout           |                 |                         |                      |
| PCM Hawk            |                 |                         |                      |
| Pencom Scout        |                 |                         |                      |
| Stingray 120        |                 |                         |                      |
| Tracker 5x5         | Tracker Lynx    | Tracker Scout           |                      |
| Traeger 5x5         | Traeger Lynx    | Traeger Safari 50 & 100 | Traeger SSB 50 & 100 |
| Wagner 1729         | Wagner C1-25    | Wagner LX1100           | Wagner LX1900        |
| Wormald HF105       | Wormald HF106   |                         |                      |