Andrew Cutler
EMC Technologies (NZ) Ltd
47 MacKelvie Street
Grey Lynn
Auckland
New Zealand

ComGroup Australia Pty Ltd
ABN 29 095 068 429
www.comgroup.net.au

1270 Ferntree Gully Rd, Scoresby
Victoria 3179, Australia

Tel: +61 3 9730 3800
Fax: +61 3 9730 3964
Email: bstowell@comgroup.net.au

Re: PAR-9180LMR4 GRANT APPLICATION   29 July 2011

Dear Andrew,

We have developed an option for our SRP9180 PMR portable radio series and would like to apply to have this option added to our FCC Grants of Equipment Authorisation. The affected grants are FCC ID: STZSRP9170AC and FCC ID: STZSRP9170TU.

The PAR-9180LMR4 option is an extension speaker microphone with antenna that attaches to the options connector on the radio. This connector changes over the radio antenna to the PAR-9180LMR4 antenna. There are no RF active circuits in the speaker microphone.

Please find accompanying a letter of authorisation for you to act on behalf of our company for this application and exhibits to support our application.

Should you require any further information, please contact the undersigned.

Yours Faithfully,

Robert Stowell

ComGroup Australia Pty. Ltd.

Form Number: FN0024_0
Filename: C:\Documents and Settings\Administrator\My Documents\FCC\Comm Group\PAR-9180LMR4_FCC_Application Letter_270711.doc

<u>Technical Description:</u>

The PAR-9180LMR4 is an extension Speaker-Microphone with a mounting for a remote antenna and is designed for use with the Simoco SRP9180 range of portable radios.

The PAR-9180LMR4 connects to the radio via a side auxiliary socket that contains an antenna changeover contact set.

There are no active RF components within the microphone.

The PAR-9180LMR4 complies with the FCC's RF exposure guidelines for Occupational/ Controlled conditions when used in accordance with the instructions contained in the SRP9180 User Manual.

The PAR-9180LMR4 loudspeaker is driven directly from the radio audio power output amplifier and the electret microphone insert couples directly into the radio transmitter audio processor.

The PAR-9180LMR4 uses a PIC 16F648A control chip to communicate with the radio via a serial data link. The PIC 16F648A operates using its internal 4 MHz clock.

The PAR-9180LMR4 has PTT switch and also four auxiliary keys the functions of which are configurable via the Field Personality Programmer.