

# Company Profile



**HEAD OFFICE &  
MANUFACTURING FACILITY**

PO Box 7  
7 Hall Street  
Lindenow, Victoria  
Australia  
P: +61 3 5157 1203  
E: sales@zcg.com.au



Family owned and proudly designed and manufactured in Australia since 1970.

# About ZCG

From keeping Australian fire fighters safe on the fire front to bringing digital TV to villagers in Papua New Guinea, Victorian company ZCG is taking Aussie innovation to the world.

Family-owned and operated for more than 40 years, ZCG is a world-class antenna business, which designs and manufactures innovative radio-frequency (RF) solutions.

The company provides everything from mobile antennas for use on vehicles and the marine industry; base stations for police and emergency towers; through to custom-designed broadcast antennas that enable radio and TV broadcasters to deliver a high quality, targeted signal. Autonomous haul trucks used in the mining industry rely on their products.

Under the direction of RF engineer Garry Kelly, who owns the company with his wife and co-director Sally-ann, ZCG prides itself on its ability to build antennas to meet customers' needs.

"We produce Australian-made antennas for extreme conditions," Garry said. "We design and manufacture in Australia, which means we can customise our antennas to suit your needs while offering design protection, local support and warranty."

Based in East Gippsland in regional Victoria, ZCG employs 30+ people in roles such as engineering fitters and turners, research and development technicians, administration, friendly sales consultants, warehouse and dispatch. All based in one facility in Lindenow, to ensure seamless progress from prototyping through to mass production and expedited delivery.

The company was established in 1970 by founder Gregor Cox, who identified a need for high quality, low-maintenance antennas for use by amateur radio enthusiasts. It is named after his call sign, Zulu Charlie Golf.

The Kelly family bought ZCG in 2004, and have increased its capabilities to a wider market. ZCG products are available in retail outlets throughout Australia and the burgeoning export business continues to expand.

As well as a range of off-the-shelf antennas, the company designs solutions for customers with particular technical requirements or problems. It also offers detailed computer-generated site-coverage modelling and predictions as well as technical RF consultancy to ensure your systems meet government requirements.



# Technology

At the fore-front of antenna design and manufacturing, ZCG specialise in delivering RF solutions to customers with specific technical requirements or custom installations.

With a broad range of technical options available to our clients, the process of planning, designing, manufacturing and implementing RF systems is streamlined to deliver projects on time and on budget.

From the highest quality vehicle mount UHF CB radio antennas for 4WD enthusiasts to planning, modelling and manufacturing for major broadcasters, ZCG can provide a RF solution for:

- Filters and Multicoupling
- TV and Radio broadcast solutions
- Fixed position antennas
- Vehicle Mount antennas
- Marine antennas
- Wireless Data improvement
- Military applications
- Mining applications
- Emergency services communications
- Mobile phone improvement
- Air traffic control
- Hand-held portable

ZCG utilise precision technology at every phase of the production process including Computer Aided Design (CAD) through to Computer Numerical Control (CNC) equipment. Design and test facilities incorporate network analysers at each point in the production and performance test stages; allowing ZCG to manufacture an optimise antennas to the highest technical standards.



# Custom RF Solutions

Offering an integrated approach to RF solutions, ZCG offer our clients the very best in high quality, reliable RF solutions that deliver long-term, trouble free service life.

Not only manufacturing, ZCG also provide a wide range of services including:

- Project planning
- Digital coverage planning and modelling
- Digital broadcast field strength measurement
- EMR Protection
- Government ARPANSA EMR standards
- Government ACMA requirements
- Mechanical mount design and installation
- Machine of custom components
- RF safety and risk management

Catering to all types of RF conditions, ZCG have developed collaborative relationships with manufacturing partners domestically and internationally, to deliver an extensive range of solutions for our clients. Whatever your RF requirements, ZCG has the specialist expertise to deliver a flexible and economically viable solution.