

Visual Navigation Chart (VNC) Scale Differences



Feature	1:125,000	1:250,000	1:500,000	1:1,000,000 (VPC)
Topographical				
Canals	Major identified canals	Major identified canals	Major identified canals	Shown if visible
Contours	500ft	500ft	500ft	Not shown
Glaciers	Not within existing chart coverage area	Major glaciers shown: Mt Cook glacial areas: Fox Glacier, Tasman Glacier, Murchison Glacier, Franz Josef Glacier, Hooker Glacier, Mueller Glacier, Douglas Glacier Fiordland glacial areas: Olivine Ice Plateau, Mt Tutoko/Donne Mt Aspiring glacial areas: Bonar Glacier, Dart, Jura, Volta Glacier	Major glaciers shown: Mt Cook glacial areas: Tasman Glacier, Franz Josef Glacier, Fox Glacier, Hooker Glacier. Fiordland glacial areas: Olivine Ice Plateau, Mt Tutoko/Donne Mt Aspiring glacial areas: Bonar Glacier, Volta	Not shown
Isogonals	One degree intervals, shown every half degree	One degree intervals, shown every half degree	One degree intervals, shown every half degree	One degree intervals, shown every half degree
Lakes and Islands	Major and minor lakes	Major and minor lakes	Major and minor lakes	Major and minor lakes
Mangroves	Significant areas	Significant areas	Significant areas	Not shown
Mountain Passes	Not within existing chart coverage area	All major mountain passes, name and elev at AMSL	All major mountain passes, name and elev at AMSL	Not shown

Mountain Ranges	Major ranges named	Major ranges named	Major ranges named	Not named
Shingle	All major river shingle	All major river shingle	All major river shingle	Not shown
Spot Heights	All significant spot heights. Highest spot on each chart highlighted	All significant spot heights. Highest spot on each chart highlighted	All significant spot heights. Highest spot on each chart highlighted	Sparse significant spot heights
Swamps	All significant swamps	All significant swamps	All significant swamps	Not shown
Terrain (tints)	All hypsometric tints	All hypsometric tints	All hypsometric tints	All hypsometric tints
Terrain (shading)	All relief shading	All relief shading	All relief shading	All relief shading
Tidal Areas, rocks, sand, mud	All significant tidal areas, rocks, sand and mud	All significant tidal areas, rocks, sand and mud	All significant tidal areas, rocks, sand and mud	Not shown
Watercourses	Major and minor streams	Major and minor streams	Major and minor streams	Major streams
Wooded Areas	All major exotic forests shown	All major exotic forests shown	All major exotic forests shown	Not shown
Cultural				
Bridges	All bridges on highways, rail	All bridges on highways, rail	None <i>NOTE: There is an error on the map legend as it includes bridges</i>	Not shown
Buildings	All major buildings	All major buildings	None	Not shown
Dams	All shown	All shown	All shown	Not shown
Golf Courses	All significant golf courses	All significant golf courses	None	Not shown
Light Beacons	All shown (lighthouses)	All shown (lighthouses)	All shown (lighthouses)	Not shown
Aeronautical Ground Light	Symbol and light details	Symbol and light details	None	Not shown
Look-out Towers	All shown	All shown	All shown	Not shown
Obstacles/Masts	All major obstacles,	All major obstacles, symbolised by <>	Masts symbolised by > 400ft AGL, height	Not shown

	symbolised by <> 400ft AGL, height AMSL	400ft AGL , height AMSL	AMSL	
Power Lines	All HT lines plus other selected	All HT lines plus other selected	All HT lines plus other selected	All HT lines plus other selected
Racecourses	All major racecourses	All major racecourses	None	Not shown
Railways	All shown	All shown	All shown	All major railways
Remote buildings	Not within existing chart coverage area	Data provided by CAA (only main named huts)	None	Not shown
Roads	Known sealed and unsealed roads	Known sealed and unsealed roads	Known roads sealed	Known roads sealed
Settlements	All settlements, 4+ houses, named and symbolised by size	All settlements, 4+ houses, named and symbolised by size	All shown	Large known settlements, named and symbolised
Other Topographical Features	All major features	All major features	All major features	Not shown
Residential Areas	Large towns, named, symbolised by area colour	Large towns, named, symbolised by area colour	Large towns, named, symbolised by area colour	Large towns, named, symbolised by area colour
Towers, radar	All major structures shown	All major structures shown	None	Not shown
Tunnels	All tunnels on highways, rail	All tunnels on highways, rail	All tunnels on highways, rail	Not shown
Windmill	All shown, height	All shown, height	None	Not shown
Aeronautical				
Aerodromes	Full information labels ^x (line 1) Name (line 2) ATS service and primary frequency, or unattended frequency, plus ATIS or AWIB	Full information labels ^x (line 1) Name (line 2) ATS service and primary frequency, or unattended frequency, plus ATIS or AWIB (line 3) RWY elevation and longest RWY	Limited labels (line1) name (line 2) frequency (line 3) elevation (line 4) Indicator hazards near aerodrome	Symbol and Name

	(line 3) RWY elevation and longest RWY length (line 4) Indicator hazards near aerodrome	length (line 4) Indicator hazards near aerodrome		
Aerodrome Runway	Major aerodrome runway configuration. Other runway designation and aerodrome classification displayed within Aerodrome symbol	Runway designation and aerodrome classification displayed within Aerodrome symbol	Runway designation and aerodrome classification displayed within Aerodrome symbol	Not shown
Heliports	Symbol, name and elev	Symbol, name and elev	Symbol and name	Symbol and name
Non-designated airspace				
Common Frequency Zone	Symbol and label (line 1) Name (line 2) UL (line 3) LL (line 4) freq	Symbol and label (line 1) Name (line 2) UL (line 3) LL (line 4) freq	Symbol and label (line 1) Name (line 2) UL (line 3) LL (line 4) freq	Symbol and label (line 1) Name (line 2) UL (line 3) LL
High Density Aerodrome Traffic	Shown as symbol	Shown as symbol	Shown as symbol	Not shown
Controlled airspace				
CTA	Full labels: Code, transponder, call sign, freq, LL	Full labels: Code, transponder, call sign, freq, LL	Full labels: Code, transponder, call sign, freq, LL	Code, transponder, UL, LL
FIR	Symbol	Symbol	Symbol	Boundary symbol and annotated
CTR	Full labels: Code, transponder, call sign, freq, UL, LL	Full labels: Code, transponder, call sign, freq, UL, LL	Full labels: Code, transponder, call sign, freq, UL, LL	Code, transponder, UL, LL
CTR Sectors	Shown and labelled by name	Shown and labelled by name	Not shown	Not shown
CTR/Area	Shown and labelled by	Shown and labelled by name, UL, LL	Not shown	Not shown

Sectors	name, UL, LL			
VFR Transit Lane	Shown and labelled (line 1) Code, name (line 2) UL (line 3) LL (line 4) Hours of op	Shown and labelled (line 1) Code, name (line 2) UL (line 3) LL (line 4) Hours of op	Not shown	Not shown
Fiscom	Labels, call-sign frequency	Labels, call-sign frequency	Labels, call-sign frequency	Labels, call-sign frequency
GAA	(line 1) Code and name (line 2) UL (line 3) LL (line 4) operational hours	(line 1) Code and name (line 2) UL (line 3) LL (line 4) operational hours	Show only GAA above 9500 ft (line 1) code (line 2) UL (line 3) LL	Show only GAA above 9500 ft (line 1) code (line 2) UL (line 3) LL
Low Flying Areas	Symbol and Code	Symbol and Code	None (unless not shown on a 250,000 chart)	Not shown
Hazards				
Meteorological Balloon	Symbol	Symbol	Symbol	Not shown
Explosive Hazard	Symbol	symbol	Symbol	Not shown
Flight Training	Symbol	Symbol	Symbol	Not shown
Jet Efflux	Symbol	Symbol	Symbol	Not shown
Model Aircraft	Symbol	Symbol	Symbol	Not shown
Sensitive Fauna	Symbol	Symbol	Symbol	Not shown
Rocketry	Symbol	Symbol	Symbol	Not shown
Firing	Symbol	Symbol	Symbol	Not shown
Glider Activity	Symbol	Symbol	Symbol	Not shown

Glider Winching	Symbol and maximum winch height	Symbol and maximum winch height	Symbol and maximum winch height	Not shown
Hang Glider/Paraglider	Symbol	Symbol	Symbol	Not shown
Kite Flying	Symbol	Symbol	Symbol	Not shown
Parachute Landing	Symbol and code	Symbol and code	Symbol and code	Not shown
Wire Hazard	Highest span shown AMSL if known	Highest span shown AMSL if known	Highest span shown AMSL if known	Not shown
Instrument Approach Tracks	Symbol depiction for selected aerodromes	Symbol depiction for selected aerodromes	Symbol depiction for selected aerodromes	Not shown
Minimum Elevation Altitudes	Each graticule square	Each graticule square	Each graticule square	Each graticule square
Navigation Aids	Full information, including Morse (line 1) Name (line 2) Type and frequency of aid (line 3) Ident and morse code	Full information, including Morse (line 1) Name (line 2) Type and frequency of aid (line 3) Ident and morse code	Full information, including Morse (line 1) Name (line 2) Type and frequency of aid (line 3) Ident and morse code	(line 1) Name (line 2) Type of aid
Special Message Panels	Full information	Full information	Full information	Not shown
Special use airspace				
Restricted Areas	(line 1) code and name (line 2) UL (line 3) LL (line 4) when active (line 5) hazards/activity	(line 1) code and name (line 2) UL (line 3) LL (line 4) when active (line 5) hazards/activity	(line 1) code (line 2) UL (line 3) LL (line 4) hazards/activity	(line 1) code (line 2) UL (line 3) LL

Danger Areas	(line 1) code and name (line 2) UL (line 3) LL (line 4) when active (line 5) hazards/activity	(line 1) code and name (line 2) UL (line 3) LL (line 4) when active (line 5) hazards/activity	(line 1) code line 2) UL (line 3) LL (line 4) hazards/activity	(line 1) code (line 2) UL (line 3) LL
Military Operational Area	(line 1) Code and name (line 2) UL/LL (line 3) operational hours (line 4) hazard symbol (<i>if applicable</i>)	(line 1) Code and name (line 2) UL/LL (line 3) operational hours (line 4) hazard symbol (<i>if applicable</i>)	(line 1) Code (line 2) UL/LL	(line 1) code (line 2) UL (line 3) LL
Volcanic Hazard Zone	Not within existing chart coverage area	(line 1) Code and name (line 2) UL (line 3) LL (line 4) operational hours	(line 1) code (line 2) UL (line 3) LL	(line 1) code (line 2) UL (line 3) LL
Mandatory Broadcast Zone	(line 1) Code and name (line 2) UL/LL TM if applicable (line 3) operational hours and details	(line 1) Code and name (line 2) UL/LL TM if applicable (line 3) operational hours and details	(line 1) Code (line 2) UL/LL TM if applicable (line 3) frequency	(line 1) Code (line 2) UL/LL TM if applicable
Visual Navigation				
VFR Visual Advisory Routes	All visual advisory routes, frequency if known, <i>RWY and elevation where applicable</i>	All visual advisory routes, frequency if known, <i>RWY and elevation where applicable</i>	None	Not shown
Visual Reporting Points	All visual reporting points, name and location by symbol	All visual reporting points, name and location by symbol	None	Not shown

The information presented is collated from a variety of sources and is considered to be as reliable as possible at the time of publication.

Any errors or omissions should be notified to:

GroupEAD (Airways)
PO Box 294
Wellington 6140
NEW ZEALAND

Tel: 04 471 1899
0800 500 045 (within New Zealand only)
AFTN: NZHQYOYX
Website: www.nzais.co.nz
Email: aim@groupead.co.nz