

# Differences in Visual Navigation Chart (VNC) Series Features



This list outlines the differences in the features displayed on each separate scale of Visual Navigation and Planning Charts.

Not all features are shown on all charts. In areas of increased aeronautical information, less topographic data is shown.

Fewer features are shown on coarser scale charts than finer scale charts. Refer to respective chart legends for detailed symbology examples.

Feature	Visual Planning Chart (VPC)	Visual Navigation Chart (VNC)		
	A Series 1:1 000 000	B Series 1:500 000	C Series 1:250 000	D Series 1:125 000
<b>Aerodromes and Heliports (IFR = Purple and VFR = Blue)</b>				
Aerodrome (+ labels)	(Line 1) ICAO designator (Line 2) Name	(Line 1) Name (Line 2) ATS service and primary frequency, or unattended frequency, plus ATIS or AWIB (Line 3) RWY elevation (Line 4) Indicator hazards near aerodrome	(Line 1) Name (Line 2) ATS service and primary frequency, or unattended frequency, plus ATIS or AWIB (Line 3) RWY elevation and longest RWY length (Line 4) Indicator hazards near aerodrome	(Line 1) Name (Line 2) ATS service and primary frequency, or unattended frequency, plus ATIS or AWIB (Line 3) RWY elevation and longest RWY length (Line 4) Indicator hazards near aerodrome
Runway (Scale depiction)	YES	YES	>= 1800 m	> 1200 m
Longest Runway Direction Symbol (Runway length does not exceed length above)	YES	YES	YES	YES
Heliport, Water Aerodrome (+ labels)	ICAO designator Name	Name	Name and elevation	Name and elevation
<b>Airspace and Aeronautical Information (Boundaries and labels - unless specified otherwise)</b>				
FIR	Label on boundary only	NO	NO	NO
Control Area (CTA)	Class, upper limit, transponder requirement, lower limit	Class, lower limit, transponder requirement, callsign and frequency	Class, lower limit, transponder requirement, callsign and frequency	Class, lower limit, transponder requirement, callsign and frequency
FISCOM (Callsign and frequency)	YES	YES	YES	YES
Control Zone (CTR)	Class, upper limit, transponder requirement, lower limit	Class, upper limit, transponder requirement, lower limit, callsign and frequency	Class, upper limit, transponder requirement, lower limit, callsign and frequency	Class, upper limit, transponder requirement, lower limit, callsign and frequency
Control Zone Sector	NO	NO	YES	YES
VFR Transit Lane (T)	NO	NO	(Line 1) Designator (Line 2) Name (Line 3) Upper Limit (Line 4) Lower Limit (Line 5) Hours of operation	(Line 1) Designator (Line 2) Name (Line 3) Upper Limit (Line 4) Lower Limit (Line 5) Hours of operation
General Aviation Area (G)	ONLY GAA above 9500 ft (Line 1) Designator (Line 2) Upper Limit (Line 3) Lower Limit	ONLY GAA above 9500 ft (Line 1) Designator (Line 2) Upper Limit (Line 3) Lower Limit	(Line 1) Designator (Line 2) Name (Line 3) Upper Limit (Line 4) Lower Limit (Line 5) Hours of operation	(Line 1) Designator (Line 2) Name (Line 3) Upper Limit (Line 4) Lower Limit (Line 5) Hours of operation

<b>Feature</b>	<b>A Series 1:1 000 000</b>	<b>B Series 1:500 000</b>	<b>C Series 1:250 000</b>	<b>D Series 1:125 000</b>
<b>Special Use Airspace</b>				
Danger Area (D), Restricted Area (R), Military Operating Area (M)	(Line 1) Designator (Line 2) Upper Limit (Line 3) Lower Limit	(Line 1) Designator (Line 3) Upper Limit (Line 4) Lower Limit (Line 5) Hazards/activity	(Line 1) Designator (Line 2) Name (Line 3) Upper Limit (Line 4) Lower Limit (Line 5) Hours of operation (Line 6) Hazards/activity	(Line 1) Designator (Line 2) Name (Line 3) Upper Limit (Line 4) Lower Limit (Line 5) Hours of operation (Line 6) Hazards/activity
Volcanic Hazard Zone (V)	(Line 1) Designator (Line 2) Upper Limit (Line 3) Lower Limit	(Line 1) Designator (Line 2) Upper Limit (Line 3) Lower Limit	(Line 1) Designator (Line 2) Name (Line 3) Upper Limit (Line 4) Lower Limit (Line 5) Hours of operation	(Line 1) Designator (Line 2) Name (Line 3) Upper Limit (Line 4) Lower Limit (Line 5) Hours of operation
Mandatory Broadcast Zone (B) (Label includes Upper/Lower Limits and transponder requirement if applicable)	(Line 1) Designator (Line 2) Upper Limit (Line 3) Lower Limit	(Line 1) Designator (Line 2) Upper Limit (Line 3) Lower Limit (Line 4) Frequency	(Line 1) Designator + Name (Line 3) Upper Limit (Line 4) Lower Limit (Line 4) Hours of Operation, Frequency, Reporting Interval	(Line 1) Designator + Name (Line 3) Upper Limit (Line 4) Lower Limit (Line 4) Hours of Operation, Frequency, Reporting Interval
Low Flying Areas (L) (Designator label)	NO	NO	YES	YES
<b>Non-designated Airspace</b>				
Common Frequency Zone	(Line 1) Designator + Name (Line 2) Upper Limit (Line 3) Lower Limit	(Line 1) Designator + Name (Line 2) Upper Limit (Line 3) Lower Limit (Line 4) Frequency	(Line 1) Designator + Name (Line 2) Upper Limit (Line 3) Lower Limit (Line 4) Frequency	(Line 1) Designator + Name (Line 2) Upper Limit (Line 3) Lower Limit (Line 4) Frequency
<b>Navigation Facilities and Instrument Procedures</b>				
Navigation Aids (Symbol + label)	(Line 1) Name (Line 2) Type of aid/s	(Line 1) Name (Line 2) Type and frequency of aid/s (Line 3) Ident and morse code	(Line 1) Name (Line 2) Type and frequency of aid/s (Line 3) Ident and morse code	(Line 1) Name (Line 2) Type and frequency of aid/s (Line 3) Ident and morse code
Instrument Approach - Final approach tracks (at selected aerodromes in uncontrolled airspace)	NO	YES	YES	YES
<b>Visual Navigation</b>				
VFR Advisory Routes	NO	NO	YES	YES
Visual Reporting Points	NO	NO	YES	YES
<b>Hazards (may also be associated with an airspace or aerodrome)</b>				
Obstacles (+ elevation and lit/unlit)	NO	Large Obstacles (> 400 ft AGL)	Small Obstacles (> 150 ft AGL) Large Obstacles (> 400 ft AGL)	Small Obstacles (> 150 ft AGL) Large Obstacles (> 400 ft AGL)
Explosive Activity	NO	YES	YES	YES
Firing Activity	NO	YES	YES	YES
Flight Training Activity	NO	YES	YES	YES
Glider Activity	NO	YES	YES	YES
Glider Winching (+ max winch height)	NO	YES	YES	YES
Hang Glider/Paraglider Activity	NO	YES	YES	YES
Jet Efflux	NO	YES	YES	YES
Kite Flying Activity	NO	YES	YES	YES
Microwave Tower (+ elevation and lit/unlit)	NO	YES (> 400 ft AGL)	YES (> 150 ft AGL)	YES (> 150 ft AGL)
Meteorological Balloon	NO	YES	YES	YES
Model Aircraft/UAS	NO	YES	YES	YES

Feature	A Series 1:1 000 000	B Series 1:500 000	C Series 1:250 000	D Series 1:125 000
Parasailing Activity (+ height AGL)	NO	YES	YES	YES
Parachute Landing Area (+ code)	NO	YES	YES	YES
Rocketry	NO	YES	YES	YES
Sensitive Fauna	NO	YES	YES	YES
Wind Turbine (+ highest elevation) (General area depicted if part of a wind farm)	NO	YES	YES	YES
Wire Hazard (Highest elevation AMSL of structures securing a wire span) + number of wires on some spans	NO	YES	YES	YES
Minimum Elevation Figures (Thousands and Hundreds AMSL)	One degree quadrangle	30 Minute quadrangle	15 Minute quadrangle	15 Minute quadrangle
<b>Natural, Cultural and Terrain</b>				
Aeronautical Ground Light (+ type)	NO	NO	YES	YES
ATS or MET Radar	NO	NO	YES	YES
Bridges (road and rail)	NO	NO	YES (> 150 m)	YES (> 135 m)
Contours (1000 ft)	NO	YES	YES	YES
Dams	NO	YES	YES	YES
Exotic Forest	NO	YES	YES	YES
Glaciers	NO	YES	YES	NO
Golf Courses	NO	NO	YES	YES
Islands	YES	YES	YES	YES
Lakes, water bodies	YES	YES	YES	YES
Lighthouse or Marine Light	NO	YES	YES	YES
Locality (named)	YES	YES	YES	YES
Mangroves	NO	YES	YES	YES
Mountain Ranges (labelled and oriented)	NO	YES	YES	YES
Power Station	NO	NO	YES	YES
Prominent Buildings	NO	NO	YES	YES
Racecourses	NO	NO	YES	YES
Railways	YES	YES	YES	YES
Built-up Areas	YES	YES	YES	YES
Rivers, canals	YES	YES	YES	YES
Roads	YES	YES	YES	YES
Saddles	NO	YES	YES	YES
Shingle, rocks, sand	NO	YES	YES	YES
Spot Heights (Elevation)	Selected mountains	YES	YES	YES
Swamp	NO	YES	YES	YES
Terrain (hypsometric tint and hillshading)	YES	YES	YES	YES
Transmission Lines - (prominent lines only)	YES	YES	YES	YES
Tunnels (road and rail)	NO	YES	YES	YES
Wooded Areas	NO	YES	YES	YES
MAG VAR Isogonals (half-degree interval)	YES	YES	YES	YES
Special Messages	NO	YES	YES	YES

Last updated November 2020. 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 Aeropath at:

- Email: [aim@aeropath.aero](mailto:aim@aeropath.aero)
- Web: [www.aeropath.aero](http://www.aeropath.aero)