

vERAM Command Reference

Function Key Shortcuts

| | |
|-----------|--|
| F1 | DM |
| F2 | QD |
| F3 | QT |
| F4 | QX |
| F5 | QZ |
| F6 | SR |
| F7 | WR |
| F8 | QQ |
| Shift-F8 | QR |
| F9 | QB |
| F10 | Toggle 4 th line aircraft type. |
| F11 | Toggle 4 th line destination. |
| F12 | SI |
| Shift-F12 | SO |

Note: To specify a target, enter the callsign, beacon code, CID, or click on the track.

Note: Clicking on a track with the left mouse button enters the track into the command line, displayed as a triangle.

Note: Clicking on a track with the middle mouse button enters the track into the command line and submits the command for processing.

Sign On/Sign Off

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| SI (CALLSIGN) <ENTER> | Connect to the network. |
| SO <ENTER> | Disconnect from the network. |

Tracking Targets

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| QT <LOCATION> <CALLSIGN> | Start a new track at the clicked location using the specified callsign. |
| QT <CLICK PRIMARY TARGET> P <CALLSIGN> | Start a new track on the primary target at the clicked location using the specified callsign. |
| QX<TARGET> | Drop track on a target. |
| (ID) <TARGET> | Initiates hand off of slewed track to specified controller. |
| <TARGET> | Accept hand off of slewed track. |
| <TARGET> | Cancel hand off. |
| QX<TARGET> | Refuse hand off. |
| QP (ID) <TARGET> | Send point out of slewed track to specified controller. |
| <TARGET> | Acknowledge point out. |

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Data Block Manipulation

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| <TARGET> | Toggle an associated track between partial and full data blocks. |
| (1-9) <TARGET> | Set leader line direction for a track. |
| (1-9) / (0-5) <TARGET> | Set leader line direction and length for a track. |
| QS ` (TEXT) <TARGET> | Set fourth line free form text. (Also sent to other clients as scratchpad.) |
| QR (ALTITUDE) <TARGET> | Enter pilot-reported altitude. Altitude is expressed in hundreds of feet. |
| QS <TARGET> | Toggle display of FDB 4th line data. |
| QS (HEADING) <TARGET> | Enter assigned heading. |
| QS / (SPEED) <TARGET> | Enter assigned speed. |
| QS (HEADING) / (SPEED) <TARGET> | Enter assigned heading and speed. |
| QS * / <TARGET> | Delete assigned heading. |
| QS / * <TARGET> | Delete assigned speed. |
| QS * <TARGET> | Delete assigned heading, assigned speed, and free form text. |
| QZ (ALTITUDE) <TARGET> | Amend requested (filed) altitude for a track. |
| QZ VFR <TARGET> | Display altitude as VFR. |
| QZ OTP <TARGET> | Display altitude as VFR ON TOP. |
| QZ (BLOCK LOW) B (BLOCK HIGH) <TARGET> | Enter block altitude assignment. |
| QQ (ALTITUDE) <TARGET> | Set interim altitude. |
| QQ R (ALTITUDE) <TARGET> | Set interim and reported altitude. |
| QH F <TARGET> | Freeze datablock. |
| QH F <LOCATION> <TARGET> | Freeze datablock and relocate the track to the clicked position. |
| QH F //FIX <TARGET> | Freeze datablock and relocate the track to the specified fix position. |
| QH F //FIX<RADIAL><DISTANCE> <TARGET> | Freeze datablock and relocate the track to the position specified by the Fix/Radial/Distance. |
| QT <TARGET> | Unfreeze a track datablock. |

Display (Scope) Manipulation

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| <CTRL>+<ALT>+# | Set bookmark. |
| <CTRL>+# | Recall bookmark. |
| <CTRL>+T | Toggle top-down mode. |
| <CTRL>+D | Cycle through various levels of display decluttering. |
| <MOUSE WHEEL> | Increase/decrease display range, 2 nautical miles per step. |
| <CTRL>+<MOUSE WHEEL> | Increase/decrease display range, 10 nautical miles per step. |
| <PAGEUP> | Increase vector line length. |
| <PAGEDOWN> | Decrease vector line length. |
| <CTRL>+<PAGEUP> | Increase display range, 5 nautical miles per step. |
| <CTRL>+<PAGEDOWN> | Decrease display range, 5 nautical miles per step. |
| MR | Display available GeoMaps. |
| MR <MAPNAME> | Load the specified GeoMap. |

Window Manipulation

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| <TAB> | Toggles focus between last active display and text communications window. |
| <CTRL>+V | Displays VSCS if hidden. |
| <ESC> | Closes VSCS if focus is on VSCS. |
| <ESC> | Clears entered keyboard command, highlighted location, vis center rings, and route display. |
| <ESC> | Clears radio-selected aircraft. (If focus is on text communications window.) |
| <CTRL>+ | Clear response area. |
| <ALT>+<ENTER> | Toggle full screen mode. |
| <CTRL>+<ENTER> | Toggle resizing border. |
| <CTRL>+F4 | Close secondary display window. |

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Beacon Codes

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| QB<TARGET> | Assign beacon code. |
| QB (CODE) <TARGET> | Assign specific beacon code. |
| QB (CODE) . . . <ENTER> | Add or remove codes to/from beacon code list. |

Misc

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| QL (SECTOR ID) . . . <ENTER> | Enable quicklook for up to 5 sectors. |
| QL<ENTER> | Turn off quicklook. |
| SR<TARGET> | Request flight plan. (Displayed in flight plan editor.) |
| QF<TARGET> | Displays flight plan in Response Area. |
| <MIDDLE CLICK FDB> | Displays flight plan in Response Area. |
| <HOVER OVER FDB> | Highlights FDB while trackball cursor remains hovering over FDB. |
| <MIDDLE CLICK CALLSIGN FIELD> | Toggles FDB highlight. |
| <CLICK LDB ALTITUDE> | Toggles between LDB and Enhanced LDB for a tracked aircraft. |
| QP J<TARGET> | Toggles target HALO. |
| QP 3 J<TARGET> | Toggles 3 NM separation HALO. (Will show 5 NM HALO if target not in reduced separation area.) |
| QP T<TARGET> | Toggles 3 NM separation HALO. (Will show 5 NM HALO if target not in reduced separation area.) |
| <ALT>+F4 | Close vERAM. |
| <HOME><TARGET> | Sends a private message to the specified pilot, requesting contact on your primary frequency. |
| QB (V or R or T) <TARGET> | Set target's voice type. |
| QB <SUFFIX><TARGET> | Sets target's equipment suffix. A suffix of V, R, or T will be interpreted as a voice type identifier. |
| QD (STATION) . . . <ENTER> | Updates list of weather stations. |
| WR (STATION) | Requests the METAR for the specified station. |
| LA (TARGET) (LOCATION) <ENTER> | Show range, magnetic bearing, time of flight from target to location. (Must use mouse to designate target or location.) |
| LA (LOCATION) (LOCATION) <ENTER> | Show range and magnetic bearing from location to location. (Must use mouse to designate locations.) |
| LA (TARGET) (LOCATION) / (SPEED) <ENTER> | Show range, magnetic bearing, and time of flight from target to location at specified speed. (Must use mouse to designate target or location.) |
| LA (TARGET) (LOCATION) T / (SPEED) <ENTER> | Show range, true bearing, and time of flight from target to location at specified speed. (Must use mouse to designate target or location.) |
| LB (FIX) <TARGET> | Show range, bearing, and time of flight from target to specified fix. (Must use mouse to designate target.) |
| LB (FIX) / (SPEED) <TARGET> | Show range, bearing, and time of flight from target to specified fix at specified speed. (Must use mouse to designate target.) |
| LC (FIX) / (HHMM) <TARGET> | Show speed adjustment necessary for target to arrive at specified fix at specified time. (Must use mouse to designate target.) |
| QU<TARGET> | Display target's route. |
| <INSERT> | Toggle insert mode for MCA command entry. |
| QD (LOWER LIMIT) B (UPPER LIMIT) <CTRL>+R | Set altitude limits for both targets and LDBs. Scroll through MCA message history. |
| VP <TYPE CODE> <ROUTE> <CALLSIGN OR CID> | Create a basic flight plan. Aircraft must have an existing track and no active flight plan. |
| AM (CALLSIGN) | Request flight plan readout. |
| AM (CALLSIGN) TYP (NEW TYPE CODE) <ENTER> | Amends the aircraft's type code. |
| AM (CALLSIGN) BCN (NEW BEACON CODE) <ENTER> | Assigns a new beacon code. Must be a discrete code. |
| AM (CALLSIGN) SPD (NEW SPEED) <ENTER> | Amends the aircraft's filed cruising speed. |
| AM (CALLSIGN) ALT (NEW ALTITUDE) <ENTER> | Amends the aircraft's cruise altitude and assigned altitude. |
| AM (CALLSIGN) RTE (NEW ROUTE) <ENTER> | Amends the aircraft's flight plan route. See the Controller's Guide for specific syntax. |
| AM (CALLSIGN) RMK ++ (NEW REMARKS) ++ <ENTER> | Amends the aircraft's flight plan remarks. If the new remarks contain spaces, they must be enclosed within double plus signs. |
| AM (CALLSIGN) RMK | Deletes the aircraft's flight plan remarks. |

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Dot Commands

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| <code>.chat (CALLSIGN)</code> | Open chat tab with specified user. |
| <code>.atis (CALLSIGN)</code> | Requests ATIS from specified controller. |
| <code>.msg (CALLSIGN) (MESSAGE TEXT)</code> | Sends private message to specified user. |
| <code>.wx (AIRPORT ID)</code> | Requests METAR for specified airport. |
| <code>.metar (AIRPORT ID)</code> | Requests METAR for specified airport. |
| <code>.contactme (CALLSIGN)</code> | Sends a private message to the specified pilot, requesting contact on your primary frequency. |
| <code>.wallop (MESSAGE)</code> | Sends a message to all supervisors on the network. |
| <code>.wall (MESSAGE)</code> | Sends a message to all users on the network. (Must be Supervisor.) |
| <code>.kill (CALLSIGN) (REASON)</code> | Disconnects the specified user from the network. Reason text is optional. (Must be Supervisor.) |
| <code>.inf (CALLSIGN)</code> | Requests supervisory information for specified user. (Must be supervisor.) |
| <code>.copy</code> | Copies the text from the current chat window to the Windows clipboard. |
| <code>.break</code> | Sets your status as requesting relief. |
| <code>.nobreak</code> | Sets your status as not requesting relief. |
| <code>.am rte (NEW ROUTE)</code> | Amends the route for the flight plan currently loaded into the Flight Plan Editor. |
| <code>.openurl (URL)</code> | Opens the specified URL in your default browser. |
| <code>.showname (CALLSIGN)</code> | Displays the real name for the specified user, if known. |
| <code>.ver (CALLSIGN)</code> | Requests client version info for the specified user. |
| <code>.own (CALLSIGN)</code> | Displays the callsign of the controller that is tracking the specified target. |
| <code>.find (FIX)</code> | Highlights the specified airport, navaid, or fix on the scope. |
| <code>.acinfo (CALLSIGN)</code> | Displays aircraft information for the specified target. |
| <code>.acinfo (TYPE CODE)</code> | Displays aircraft information for the specified aircraft type code. |
| <code>.matchsquawks</code> | Sets assigned beacon code for all unowned targets to match the reported code. (Sweatbox only.) |
| <code>.center (FIX)</code> | Centers display on fix. |
| <code>.showvis</code> | Display visibility centers. |
| <code>.showradar</code> | Show radar coverage. (Green = PSR Range, Dark Green = SSR Range, Red = 3NM Separation Range) |
| <code>.newdisplay</code> | Creates a secondary display window. |
| <code>.marker (WAYPOINT)...</code> | Toggle display of fix, navaid, or airport. Supports entering multiple waypoints. |
| <code>.markers (WAYPOINT)...</code> | Alias for <code>.marker</code> . |
| <code>.ff (WAYPOINT)...</code> | Alias for <code>.marker</code> . (To support aliases built for VRC <code>.ff</code> command.) |
| <code>.nomarkers</code> | Remove all waypoint markers. |
| <code>.fc (AIRPORT ID) (RUNWAY)</code> | Toggle display of runway center line. |
| <code>.nocenterlines</code> | Remove all runway center lines. |
| <code>.autotrack</code> | Display the current list of autotrack airports. |
| <code>.autotrack (AIRPORT)...</code> | Add airports to the autotrack list. |
| <code>.autotrack -(AIRPORT)...</code> | Remove airports from the autotrack list. |
| <code>.autotrack NONE</code> | Clear the autotrack list. |
| <code>.reloadgeomaps</code> | Reload GeoMaps from the XML file on disk. |
| <code>.trackatis</code> | Displays the list of ATISes you are currently tracking. |
| <code>.trackatis (AIRPORT)...</code> | Add airports to the list of ATISes you are tracking. |
| <code>.trackatis -(AIRPORT)...</code> | Remove airports from the list of ATISes you are tracking. |
| <code>.trackatis NONE</code> | Clear the list of tracked ATISes. |