



Gryphon Software Release Notes

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Contents

About this Release.....	2
Quick Installation.....	2
Fixes in this Release (Since the Last Release of 2010-12-15).....	2
Other Functions, USDT Server, etc.....	2
Documentation, Including Gryphon Protocol Documentation.....	2
Known Issues in this Release.....	2
Installation and Firmware Updater Program rupclient.exe.....	2
Other Issues.....	3

About this Release

This folder contains the "March 30, 2011" release of the Gryphon Firmware.

Quick Installation

To install this release, all files included with the installation must be contained in the same folder as the rupclient.exe. To install, run the Windows executable "rupclient.exe". Enter the IP address and select the source file for the type of hardware being updated, then click the Flash button. ***WARNING:** Be sure to save any user-created data on the /data partition on the SD Card, since the installation will completely erase and re-partition the SD Card. The installation process does copy and preserve the Gryphon unit IP address and network configuration, so you will not need to re-setup the IP address.

When installing, you have an option to create an additional, write-able partition. ***WARNING:** Selecting a size less than default value for the system partition makes the unit unusable. As a workaround for this problem, use only the default size partition when creating a second partition. This problem will be fixed in a future release.

Fixes in this Release (Since the Last Release of 2010-12-15)

USDT Server

1. USDT Server - Added UUDT support. This fixes a problem where the user was not receiving UUDT responses because the user was unable to set the UUDT response ID. The user could only set the USDT request and USDT response IDs. Now the user can set all three sets of ID blocks, and the Gryphon card sends the UUDT response messages to the client. Also, the USDT request, USDT response, and UUDT response blocks are all display in the web page display for the USDT server configuration.

Documentation, Including Gryphon Protocol Documentation

2. The documentation link to tech support has been changed to point to the updated tech support web page link.
3. Added web page documentation for the Quad CAN card, number SJA1000-4.
4. Added web page documentation for the Dual LIN card.

Known Issues in this Release

Installation and Firmware Updater Program rupclient.exe

1. In the installation utility rupclient.exe, selecting a size less than default value for the system partition makes tools unusable. **Workaround:** ***WARNING:** Use only the default size as the partition size. A fixed to disallow small sizes is complete and will be available in an upcoming release.
2. In the installation utility rupclient.exe on Windows7, ZeroConfig Updater Utility does not find all available Gryphon connections. **Workaround:** find the units using ZeroConf in Hercules, or using the ZeroConf web page in a Gryphon. (bug 2695)
3. If the Firmware Updater fails when Flash Card is too small (32MB), the LCD Panel appears stuck. The LCD screen continues to look like the update process is running, even though the process is no longer

running. **Workaround:** If the Firmware Updater software fails, for some reason, ignore the LCD panel and reboot the Gryphon to return to normal operation.

4. G2 only - At the end of updating, if the user clicks OK to reboot, the G2 does not reboot, and the user needs to manually reboot. **Workaround:** Do not restart the G2 from the remote updater, power cycle the unit manually after updating the firmware. (bug 2692)

Other Issues

5. For a Gryphon Protocol USDT Server Configuration message, Wireshark has all the data but only shows the first two sets of blocks or USDT request, USDT response, and UUDT response. **Workaround:** Read the remainder of the Configuration message in the Wireshark raw data.
6. The Set Optimization web page configuration does not show the correct current configuration, but it operates correctly otherwise. **Workaround:** Do not use the selection of the radio button on the web page to indicate the current optimization configuration, use the Info/Stats web page and click on "Running Programs". When the gserv process is running with the argument "NODELAY", then the configuration is in "Optimize for message latency", otherwise the system configuration is "Optimize for message throughput".
7. The new Data Logger configuration file editor web page is not fully implemented, it only added triggers and messages, not any of the other file sections. **Workaround:** Use the Data Logger web page configuration file editor to create an initial data logger configuration file, add triggers and messages, and save the configuration into a file. Then, edit the file by hand to add other Data Logger sections.
8. When using the Firefox browser, the DBC Viewer redirects to wrong page when clicking on a Message name. This problem does not occur when using Internet Explorer. **Workaround:** Use Internet Explorer to view DBC Viewer Message name.
9. When using the manual front panel controls and selecting Gryphon Tools, then I/O, after initially scrolling through the list of channels, the names of the channels are then shown incorrectly.
10. On Gryphon and Gryphon2, the Identity ON button does not cause a beep sound when LCD front panel is not in the System Status Monitor mode.
11. All LIN cards, Dual LIN, LIN2.2 and LIN 2.1, are not recognized in second & third slot of a G1. **Workaround:** Place any LIN card in slot 1.
12. The user can start programs using either the web page interface or the LCD front panel, but the two interfaces do not start programs consistently. The web page interface starts the programs immediately, the LCD front panel programs require a reboot of the unit to start running. **Workaround:** Use the web page interface to start/stop programs.
13. Some additions have been made to support the J1939 Transport Protocol, but the Gryphon does not yet have full functionality.
14. The utility program scan.exe (a utility program that runs on Windows to see which Gryphons are on the network) does not run on some PCs. **Workaround:** Use the Perl script scan.pl. It works, but requires installing the optional Perl TK package.