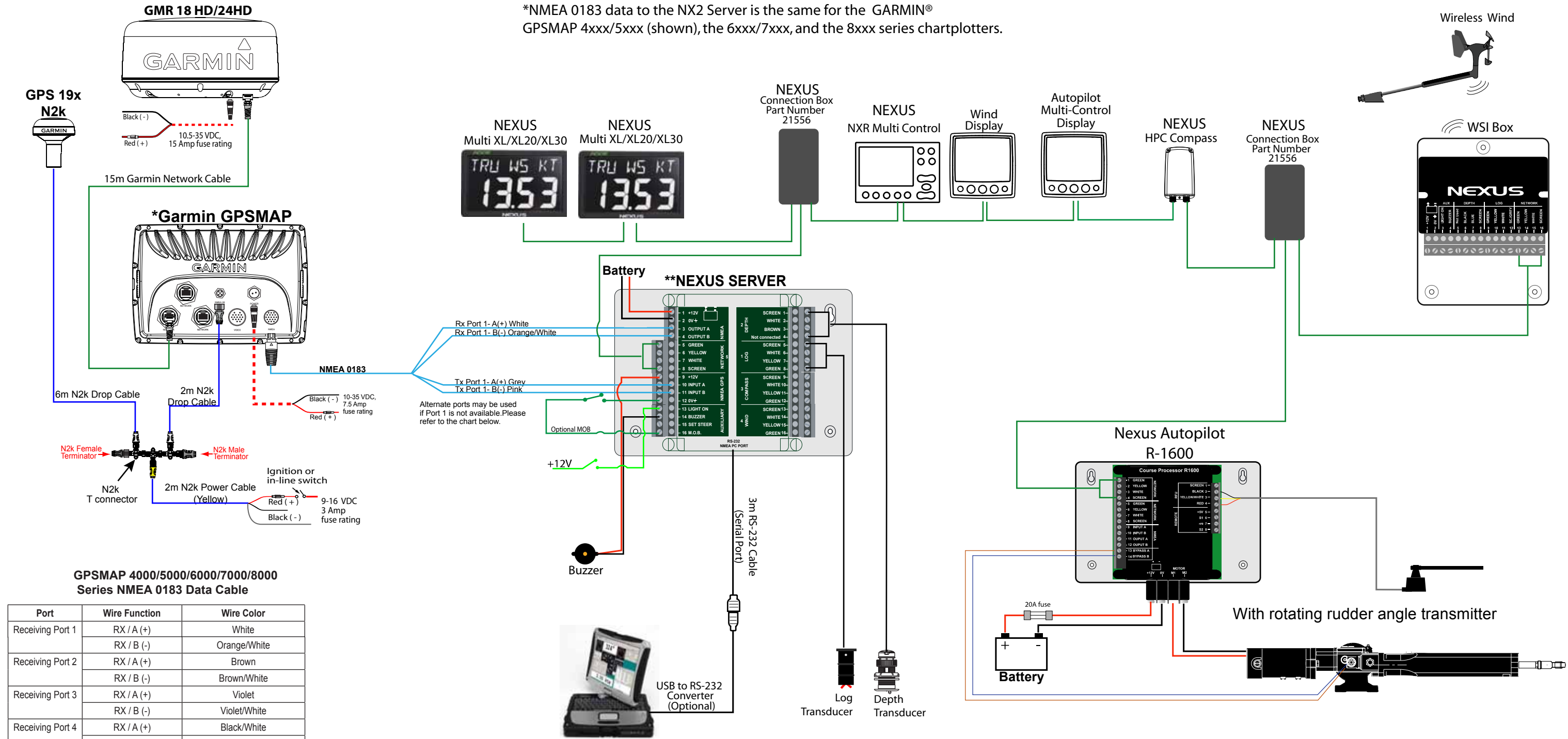


*NMEA 0183 data to the NX2 Server is the same for the GARMIN® GPSMAP 4xxx/5xxx (shown), the 6xxx/7xxx, and the 8xxx series chartplotters.



GPSMAP 4000/5000/6000/7000/8000 Series NMEA 0183 Data Cable

Port	Wire Function	Wire Color
Receiving Port 1	RX / A (+)	White
	RX / B (-)	Orange/White
Receiving Port 2	RX / A (+)	Brown
	RX / B (-)	Brown/White
Receiving Port 3	RX / A (+)	Violet
	RX / B (-)	Violet/White
Receiving Port 4	RX / A (+)	Black/White
	RX / B (-)	Red/White
Transmitting Port 1	TX / A (+)	Gray
	TX / B (-)	Pink
Transmitting Port 2	TX / A (+)	Blue
	TX / B (-)	Blue/White

*The Garmin GPSMAP has the ability to configure the NMEA output to the NX2 server. This operation can be found in the GPSMAP manual. From the home screen the process is Configure>Communications>NMEA 0183>Output sentences and then in each group make the following changes:
Sounder-All option OFF
Route-BWC, BOD, XTE, all on with other options OFF
System-RMC, RMB, GGA, GSV, GLL, all ON with other options OFF
Garmin-All options OFF

**The NX2 server through the multi control or race software has the ability to configure the NMEA data output from the server. This operation is covered in the server manual section 2.6 and the NX2 multi control manual section 12.7. The following NMEA sentences have been chosen to provide the basic log, depth, compass and wind data from the Nx2 server to the Garmin chartplotter.
MWD
MWV
DBT
VHW
MTW
HDM

CAUTION: This schematic is for reference purposes only and should not be used in lieu of the Installation Instructions provided with each component of the system. Your installation may differ from the layout indicated by this schematic. Always refer to the applicable Installation Instructions to ensure that your installation is correct and for applicable safety warnings and notices.

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TITLE		Schematic, Garmin to Nexus connections	
DRWN. DAZ		DATE 08/28/2013	
SIZE B	DWG. NO. 970-114		REV. A
SCALE NONE	SHT. 1 OF 1		