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WinFrog Initial Setup Procedure

1. **PURPOSE**
   The purpose of this procedure is to detail the steps involved for all Vessels requiring **WINFROG Initial Setup.**

2. **SCOPE**
   This procedure applies to all employees within the Organization.

3. **RESPONSIBILITY AND AUTHORITY**
   The Technical Director has the responsibility and authority for ensuring that this procedure is effectively implemented.

4. **Procedure**
   4.1 **NOTE: If the Winfrog computer is "OFF"** > Verify the cable assembly that "Plugs INTO" the PCMCIA card on the Winfrog computer is **"DISCONNECTED"** – This will be plugged in later in this procedure, If the Winfrog computer is **"ON"** go to the next step.
   4.2 Go to "File" and "System Config File" > LOAD "default or Customer" .CFG (configuration file). See Figures 1 & 2.
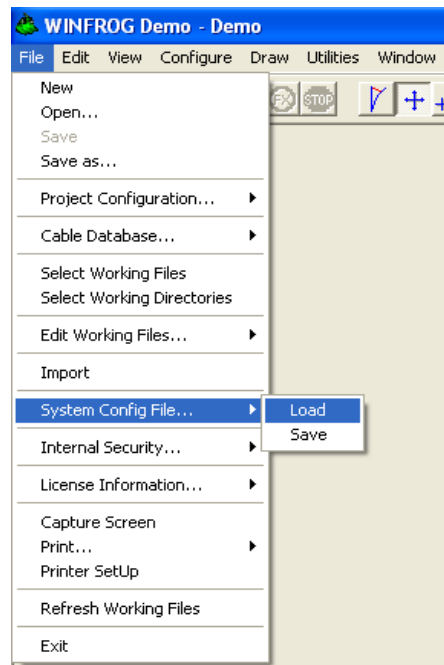

Figure 1

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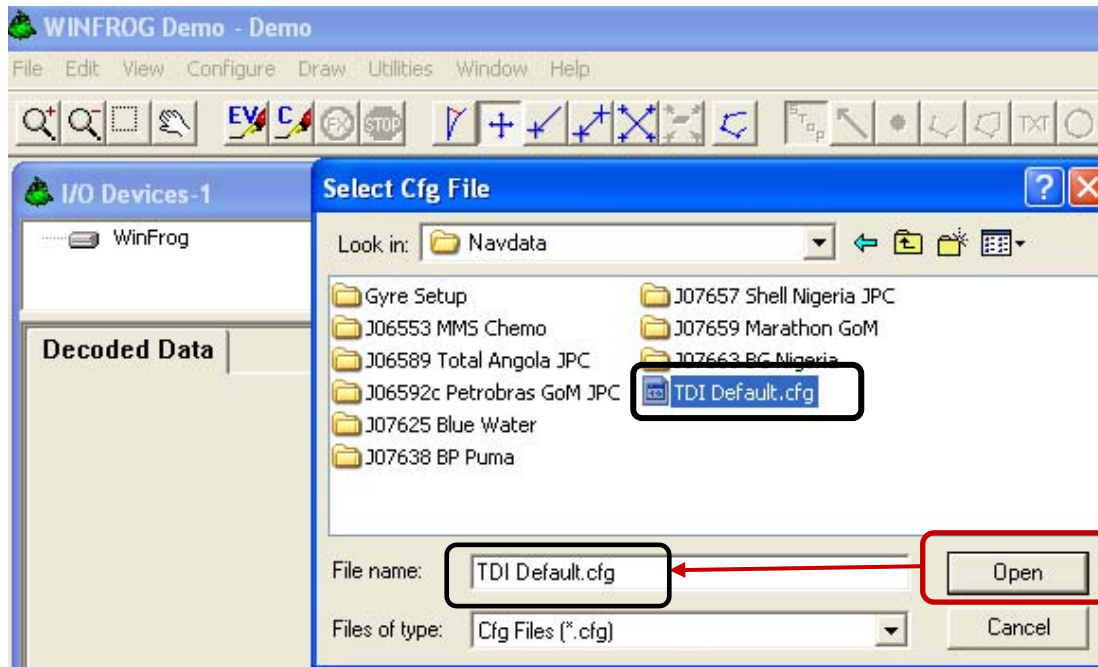
Figure 2

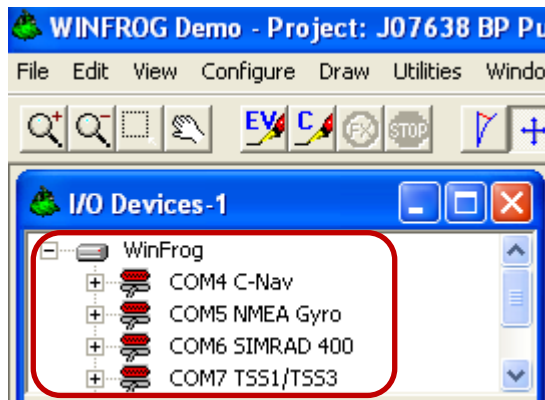4.3 Verify Winfrog "I/O Devices are configured per Figure 3.

Figure 3

4.4 For **"C-Nav"** verify the following settings under <u>"Edit I/O".</u> See Figures 4 & 5.
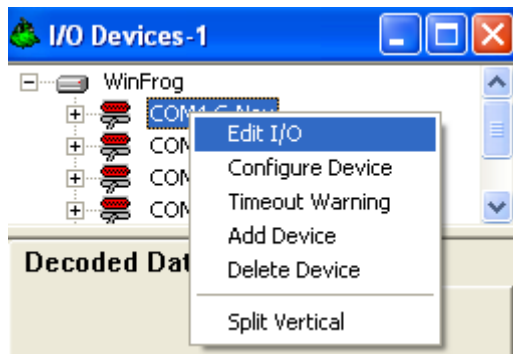
Figure 4

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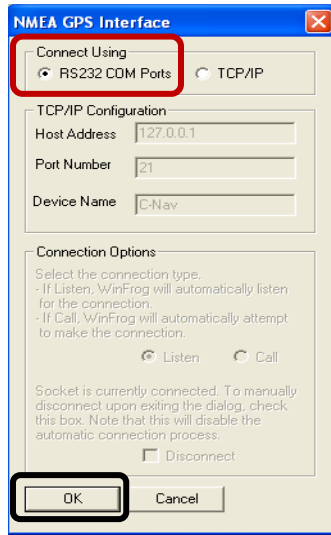| Standard Operating Procedure	Document number	Revision	Approved By:
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Figure 5

4.5 After "OK" has been clicked, verify the **"Device I/O Parameters"** are set. See Figure 6
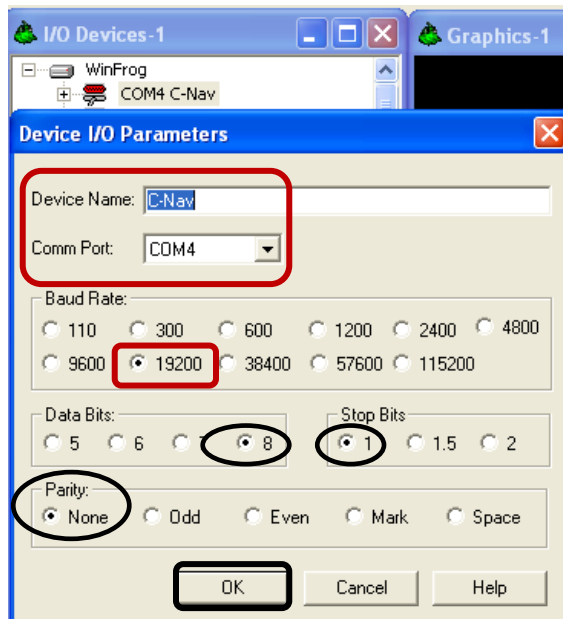
Figure 6

NOTE: Verify Setting with Pitch & Roll (Baud Rate might be 9600)

4.6 Verify the parameters under **"Configure Device".** See Figures 7-9.
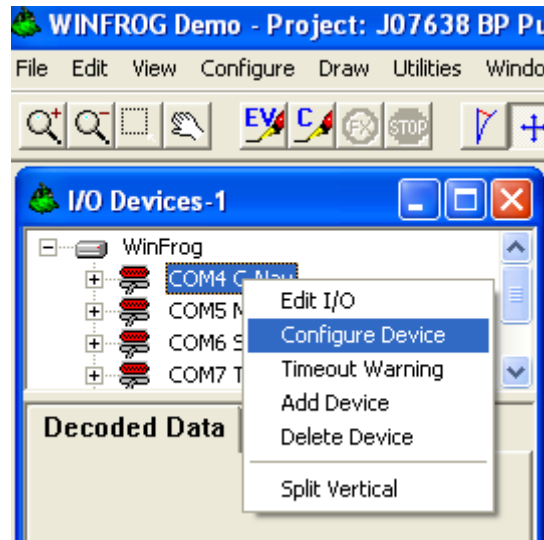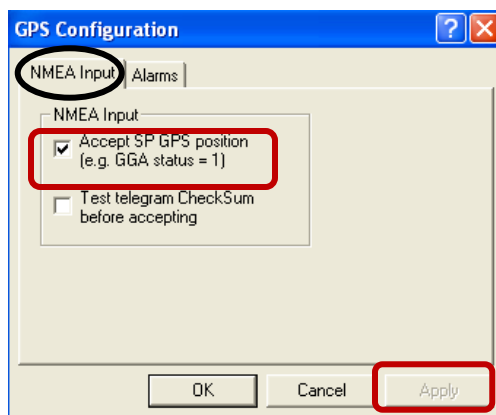
Figure 7

Figure 8

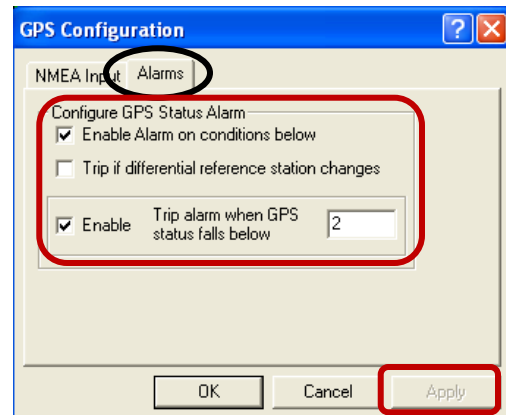

Figure 9

1.1 For **"NEMA GYRO"** verify the following settings under "Edit I/O". See Figures 10 & 11.

Figure 10

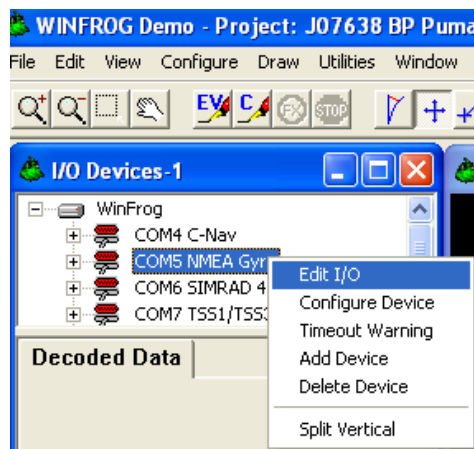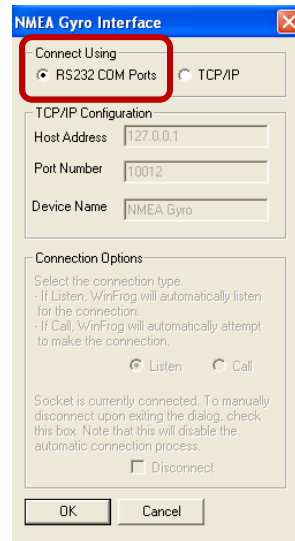Figure 11

4.7 After "OK" has been clicked, verify the **"Device I/O Parameters"** are set for the **GYRO**. See Figure 12.
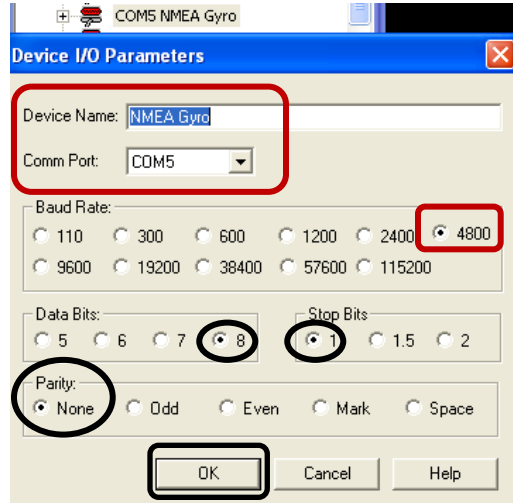
Figure 12

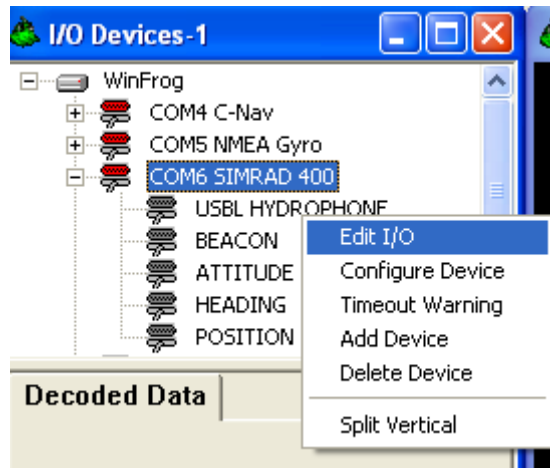4.8 For the **"SIMRAD 400"** verify the following settings under "Edit I/O" . See Figures 13 & 14.
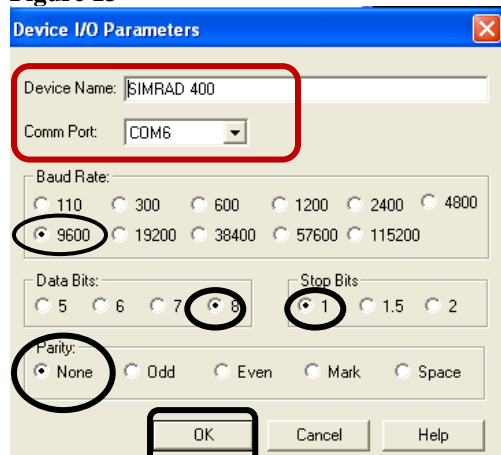
Figure 13

Figure 14

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4.9 Verify the parameters for the **SIMRAD** under **"Configure Device".** See Figures 15 & 16.
   NOTE: SIMRAD MUST BE SET TO NEMA STRING FORMAT.
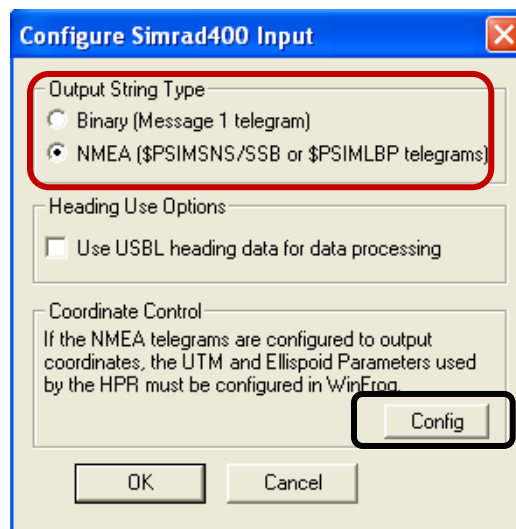

Figure 15

Figure 16

4.10 Select "CONFIG" and verify the General and Specific Projection Parameters are set per Job Requirements. **NOTE:** See Figure 17 As Example Only.

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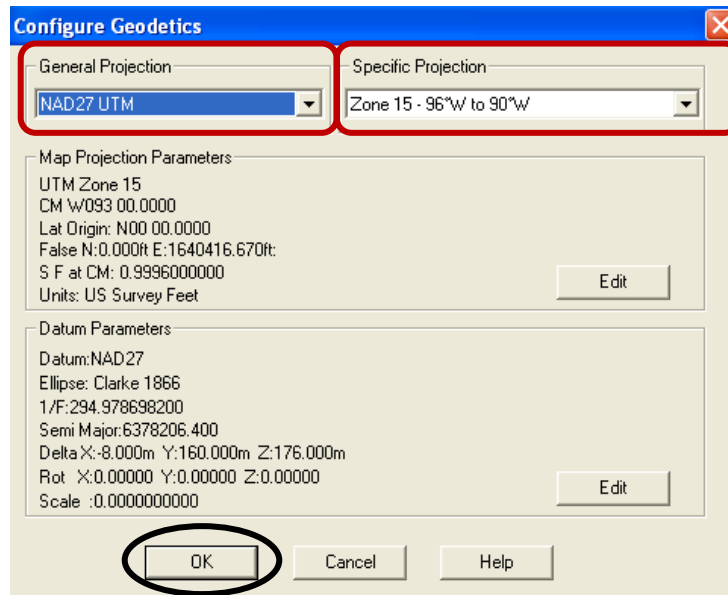| Standard Operating Procedure	Document number	Revision	Approved By:
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Figure 17

4.11 For the **"TSS1/TSS3 (Pitch & Roll)"** verify the following settings under "Edit I/O". See Figures 18 & 19. **NOTE: Baud Rates must match between TSS1/TSS3 & CNAV.**

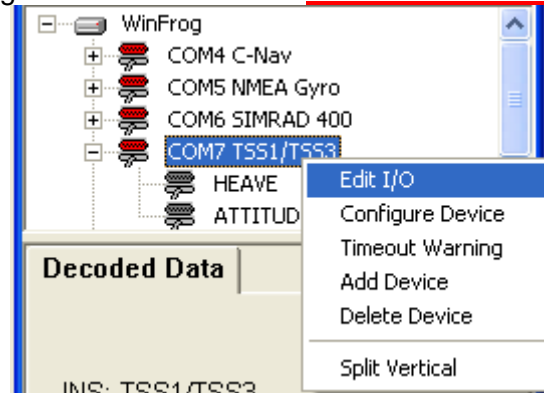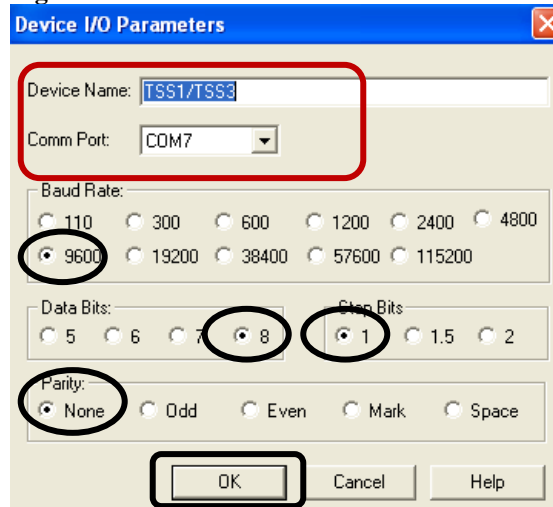**Figure 18**

Figure 19

5.0 RELATED DOCUMENTATION

6.0 Revisions

Section	Description	Date	Approved by:
	Initial Release	6-26-08	G. Patterson