

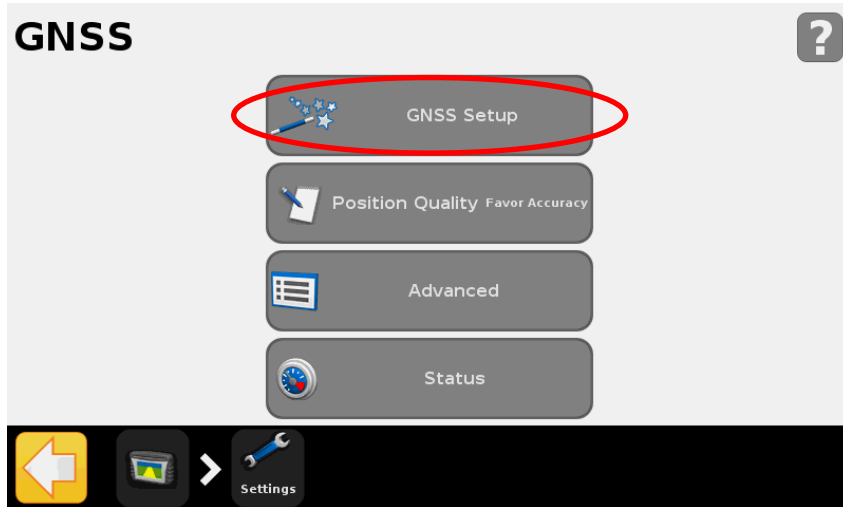


# xFill – VRS RTK (Modem)

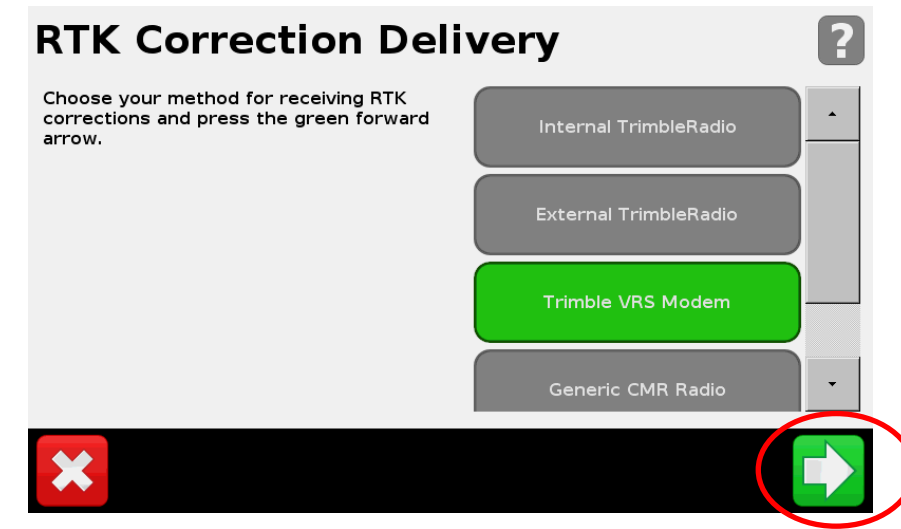
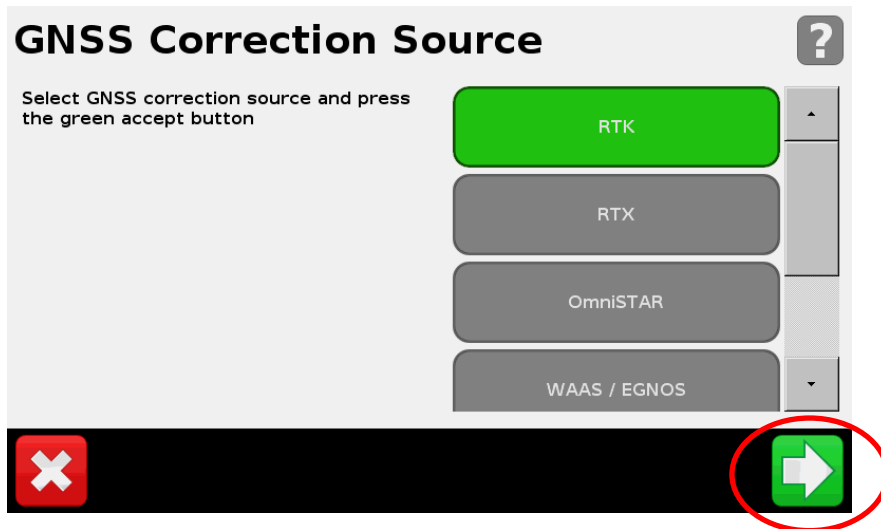
Setup for Trimble CFX-750/ CNHi FM-750 Displays

# Setting up the correction signal

Setup xFill – VRS Modem

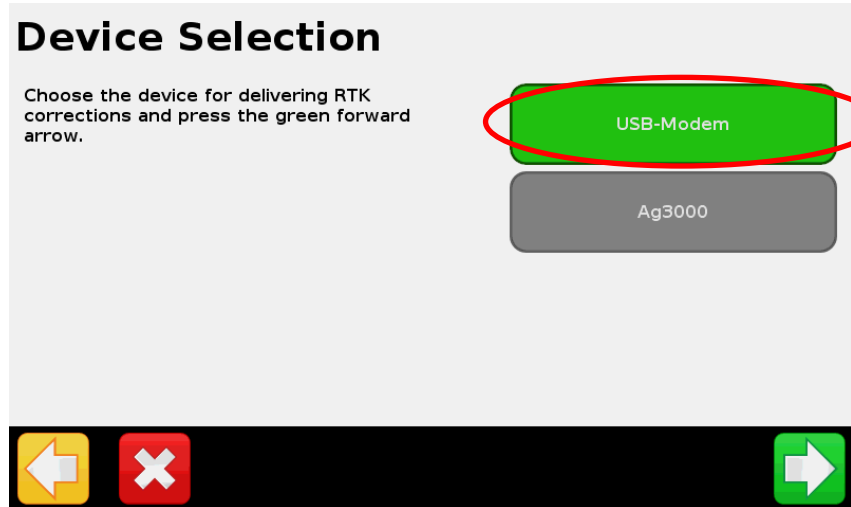


- Go to Settings -> GNSS -> GNSS Setup
- RTK Selected -> **Next**
- Trimble VRS Modem Selected -> **Next**

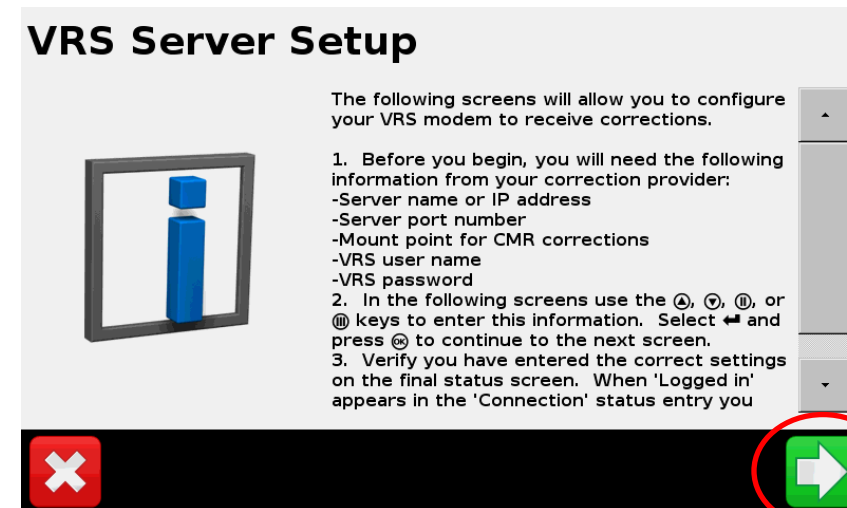
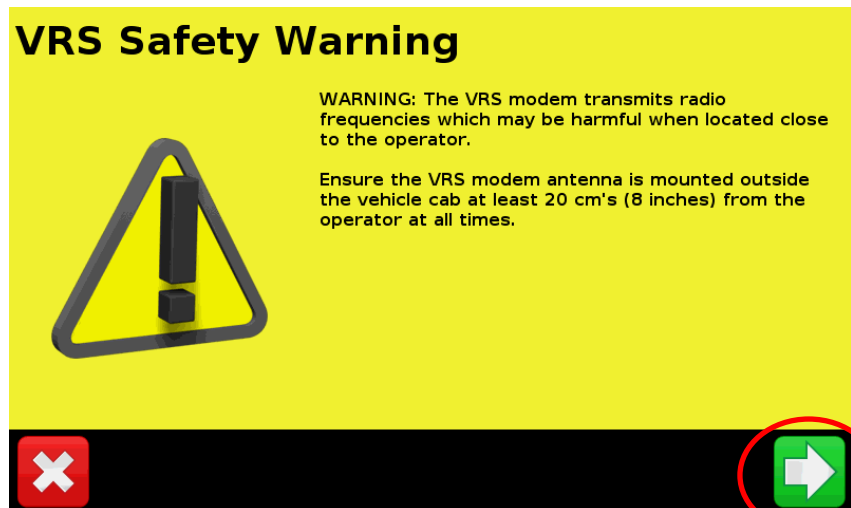


# Setting up the correction signal

## Setup xFill – VRS Modem



- USB Modem Selected -> **Next**
- Safety Warning -> **Next**
- VRS Server Setup -> **Next**



# Setting up the correction signal

Setup xFill – VRS Modem

## Server Address

www.vrsnow.co.nz

q w e r t y u i o p  
a s d f g h j k l  
ABC z x c v b n m  
123 [ ] ←

✖ 

- Server Address -> **Next**
- Port Number -> **Next**
- Mount Point -> **Next**



Note – These settings **DO NOT** need modifying

## Port Number

2101

Max: 65535  
Min: 0

7 8 9  
4 5 6  
1 2 3  
0 [ ] C

 ✖ 

## Mount Point

VB-CMRX

q w e r t y u i o p  
a s d f g h j k l  
ABC z x c v b n m  
123 [ ] ←

 ✖ 

# Setting up the correction signal

Setup xFill – VRS Modem

### VRS User Name

ABCD

q w e r t y u i o p  
a s d f g h j k l  
ABC z x c v b n m  
123 [ ] ←

← × →

### VRS Password

\*\*\*\*

q w e r t y u i o p  
a s d f g h j k l  
ABC z x c v b n m  
123 [ ] ←

← × →

- VRS Username -> **Next**
- VRS Password -> **Next**
- VRS Status -> **Check mark**

Note – These settings **DO NOT** need modifying

### VRS Status

?

|                  |                      |
|------------------|----------------------|
| Connection       | VRS - Authenticating |
| Server Address   | www.vrsnow.co.nz     |
| Port Number      | 2101                 |
| Mount Point      | VB-CMRX              |
| VRS User Name    | ABCD                 |
| VRS Password     | ****                 |
| Device Name      | SIERRA_WIRELESS      |
| Serial Number    | NOT_AVAIL            |
| Firmware Version | 1.1.121              |

← × ✓

# Setting up the correction signal

## Setup xFill – VRS Modem




**Position Quality** ?

Favoring Accuracy provides the highest level of accuracy

**Favor Accuracy**

Balanced Quality

Favor Availability

- Position Quality -> **Next**
- Use xFill (Yes/No) – **Yes** -> **Next**
- Frequency -> **Next**




\* xFill Recommended when a surveyed base station/network are used

**Use XFill**

Select whether or not to use XFill

**Yes**


No


  




**XFill Lband Settings**

Edit settings by pressing each one individually.

Press the green accept button to continue.

 Frequency 1545.2725 MHz

 Baud Rate 1200bps

# Setting up the correction signal



Setup xFill – VRS Modem

### Frequency

1545.2725 MHz

Max: 1559.0000 MHz  
Min: 1525.0000 MHz

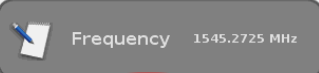
7 8 9  
4 5 6  
1 2 3  
0 . C


 




- New Zealand Settings
- Enter the new frequency **1545.2725** MHz
- Then Select Baud Rate button
- Choose **1200bps** for NZ -> **Next**

### XFill Lband Settings

Edit settings by pressing each one individually.  
Press the green accept button to continue.

 Frequency 1545.2725 MHz


 Baud Rate 1200bps



### Baud Rate

1200 bits/second baud rate

600bps

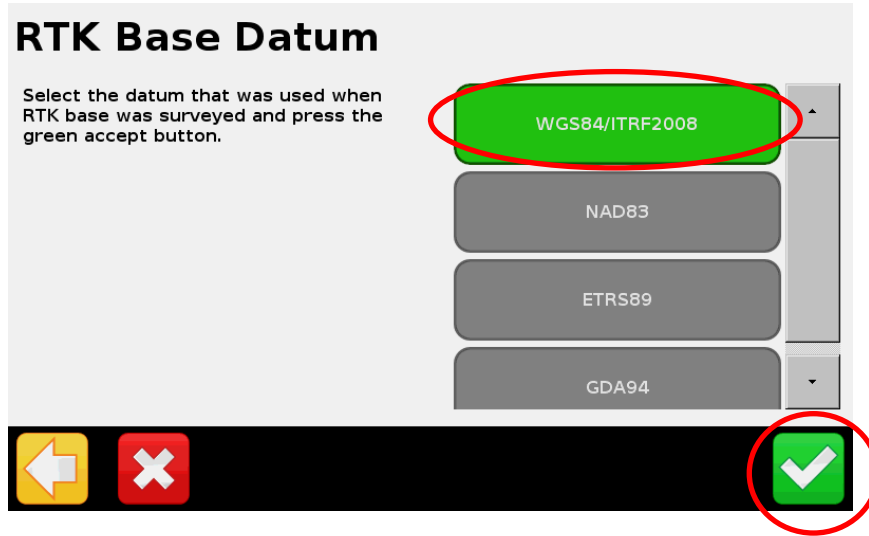
 1200bps

2400bps

# Setting up the correction signal

Setup xFill – VRS Modem



## RTK Base Station Datum setting

- If xFill is in use, this should already be set - press the check mark

\* RTK Base Datum – WGS84/ITRF2008 is used