

# Dial Up Connection with Beam Inmarsat Docking Station or Terminal

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HOW TO INSTALL A BEAM INMARSAT DOCKING STATION/TERMINAL AS A MODEM (WINDOWS 7, 8.1 AND 10)

# How to Install a Beam Inmarsat Docking Station/Terminal as a Modem

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# Step 1. Install the Beam Inmarsat Docking Station/Terminal Software Management Tool

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Please visit the [www.Beamcommunications.com](http://www.Beamcommunications.com) website product support page to download the tool, Falcon.

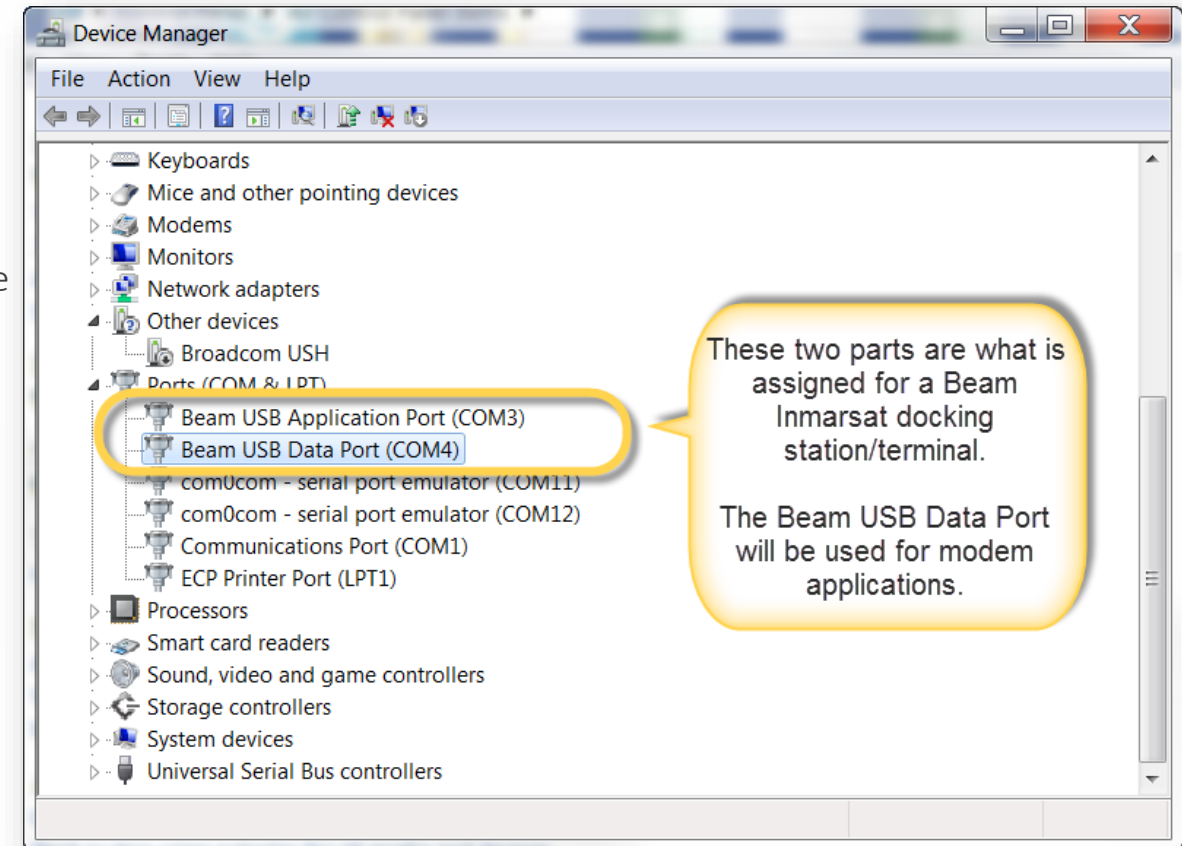
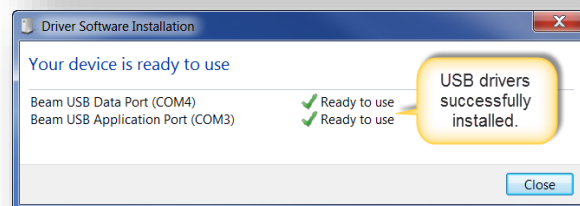
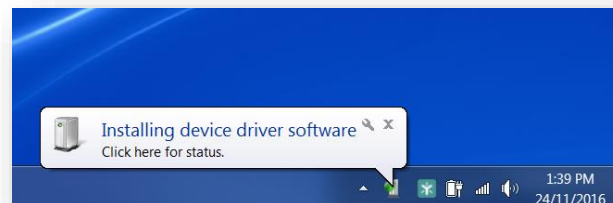
Make sure the software management tool can connect to the unit before continuing to Step 2.

## Step 2. Connect Beam Inmarsat Docking Station/Terminal to a windows computer.

After Falcon is installed, connect the Beam Inmarsat docking station/terminal to the computer using a USB cable.

Make sure the docking station/terminal is switched on.

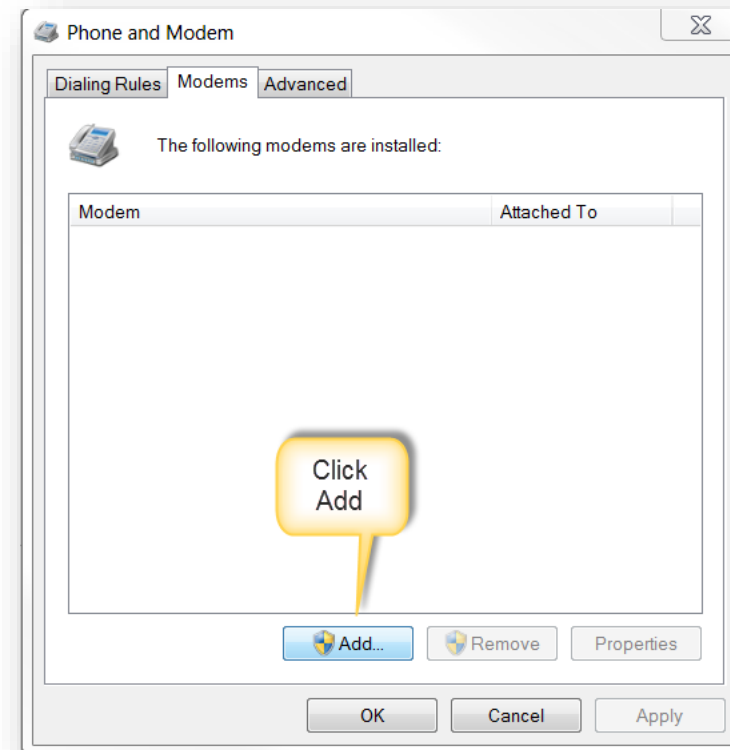
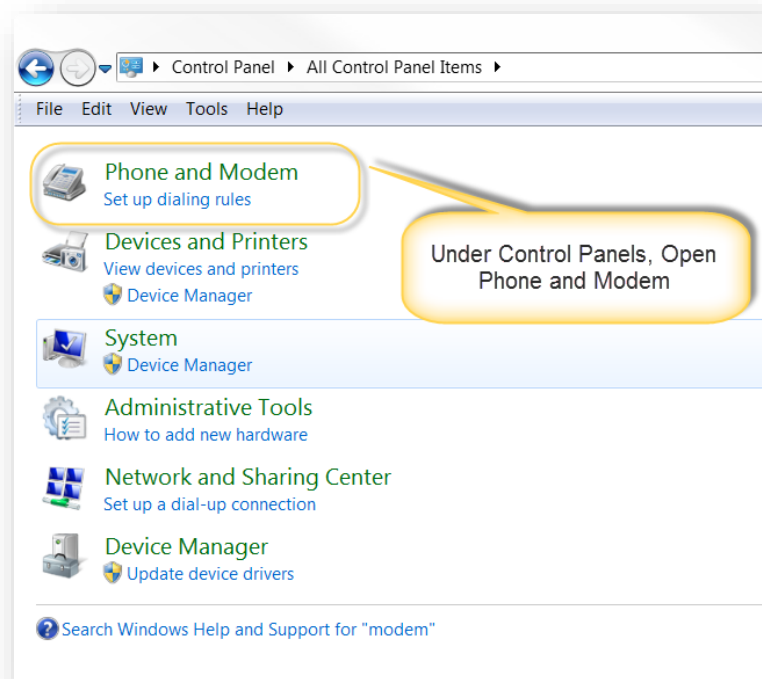
The first time the docking station/terminal is connected to the computer, USB drivers will be installed.



# Step 3. Install Beam Inmarsat Docking Station/Terminal as a modem.

Go to Control Panel > Phone and Modem

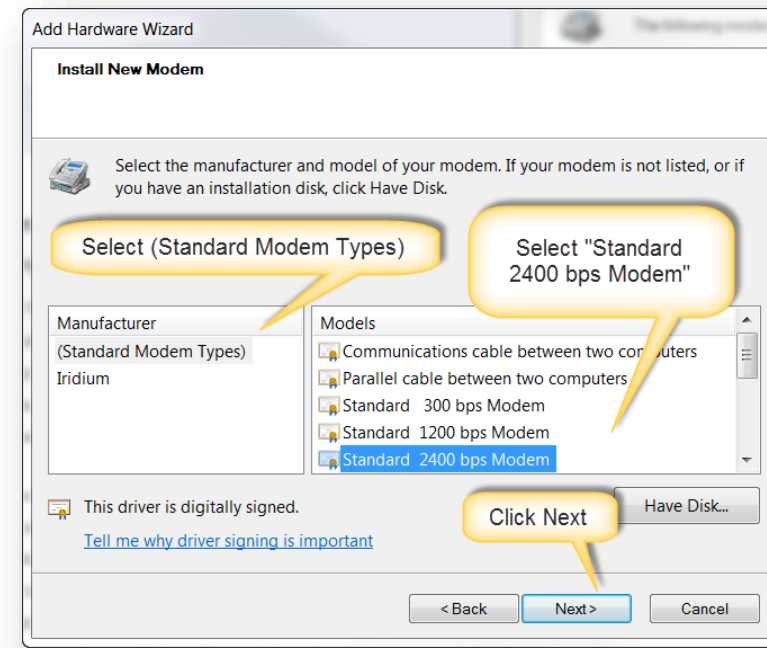
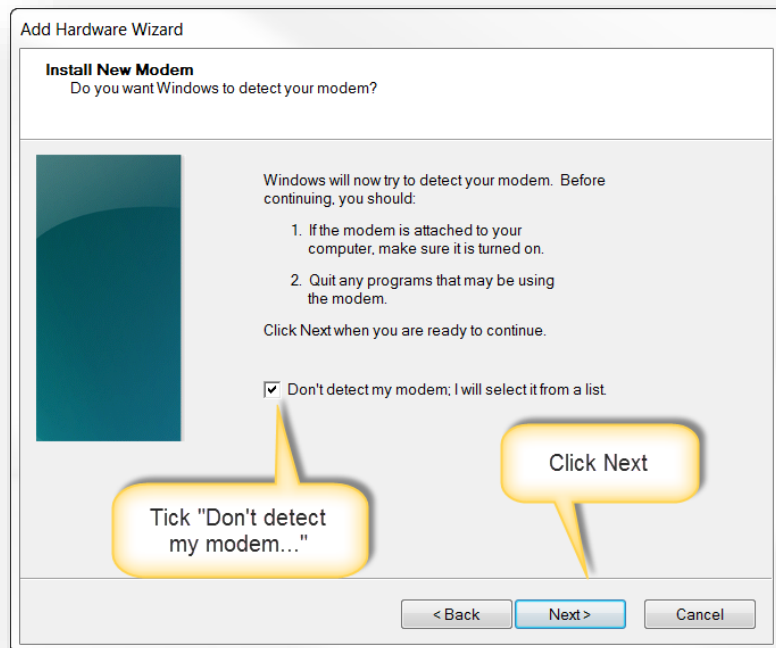
Under the Modems tab, Click Add.



# Step 3. Install Beam Inmarsat Docking Station/Terminal as a modem.

Tick “Don’t detect my modem...” and click Next.

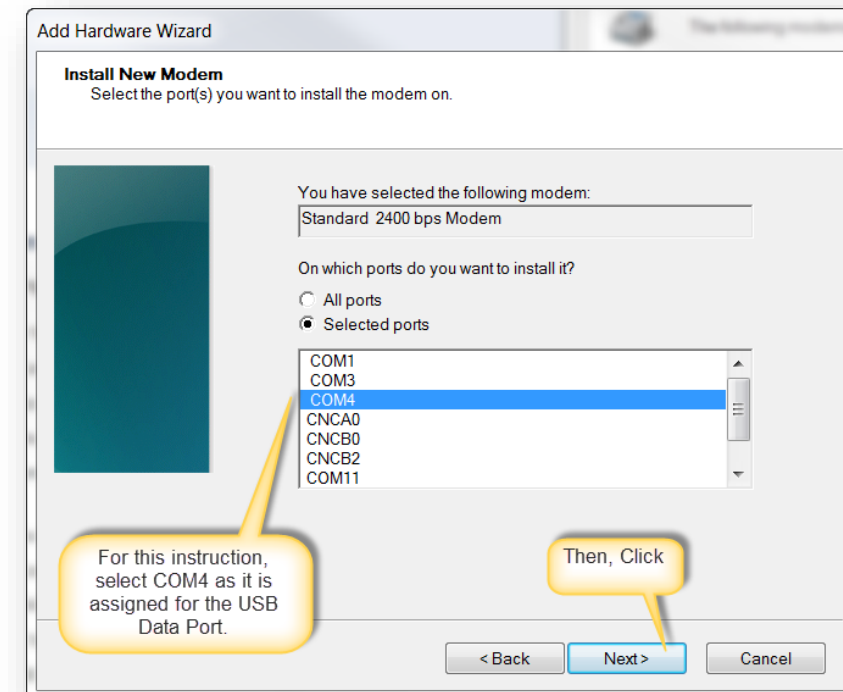
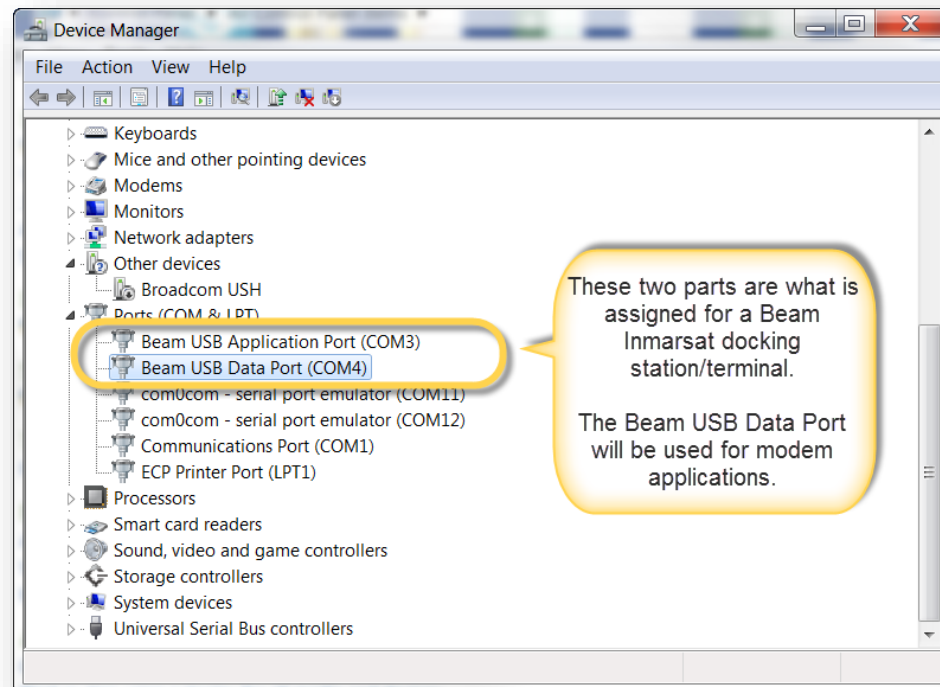
Under Manufacturer, select “Standard Modem Types” and under Models, select “Standard 2400 bps Modem.” Then Click Next.



## Step 3. Install Beam Inmarsat Docking Station/Terminal as a modem.

Before assigning the COM Port, verify in Device Manager which COM Port the docking station or terminal's USB Data Port is connected to. For this example, it is COM4.

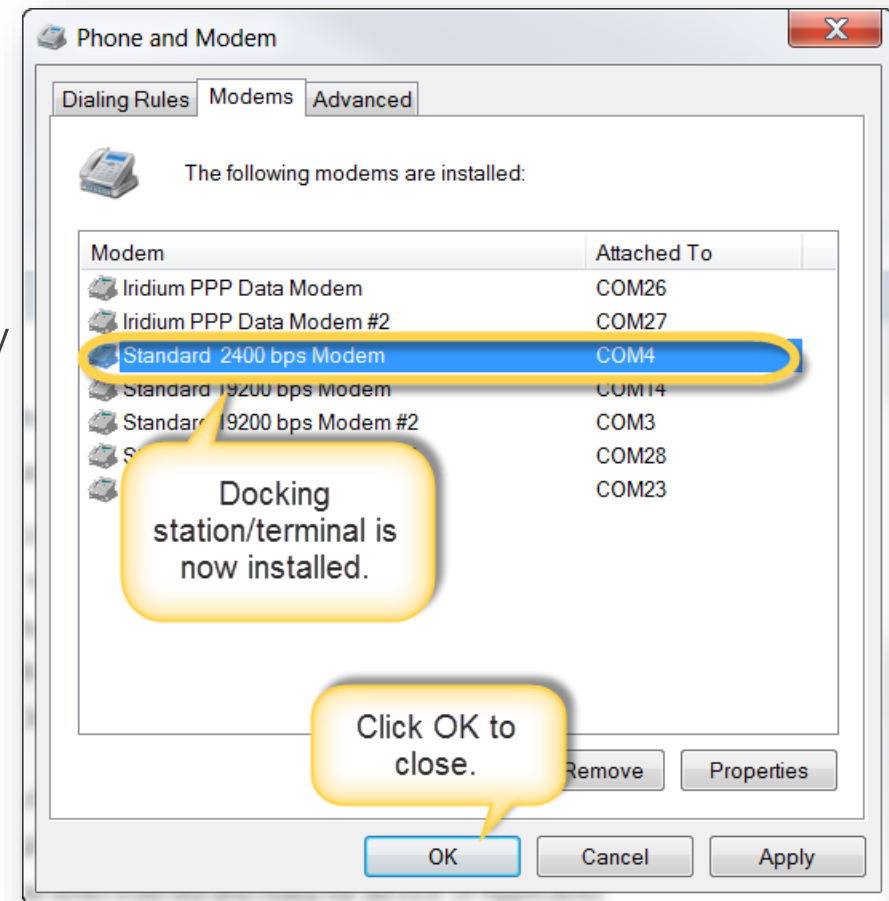
Back to process, select COM 4. Then click Next.



## Step 3. Install Beam Inmarsat Docking Station/Terminal as a modem.

Confirm that the Standard 2400 bps Modem now appears under the Modems tab attached to the correct COM Port.

To enable the docking station/terminal to work correctly as a modem, follow instructions on the next page on how to add the additional configuration settings.

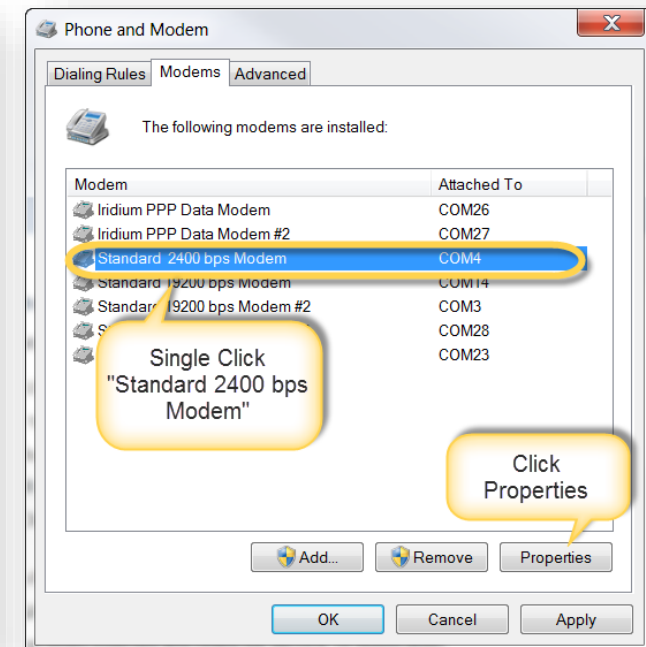
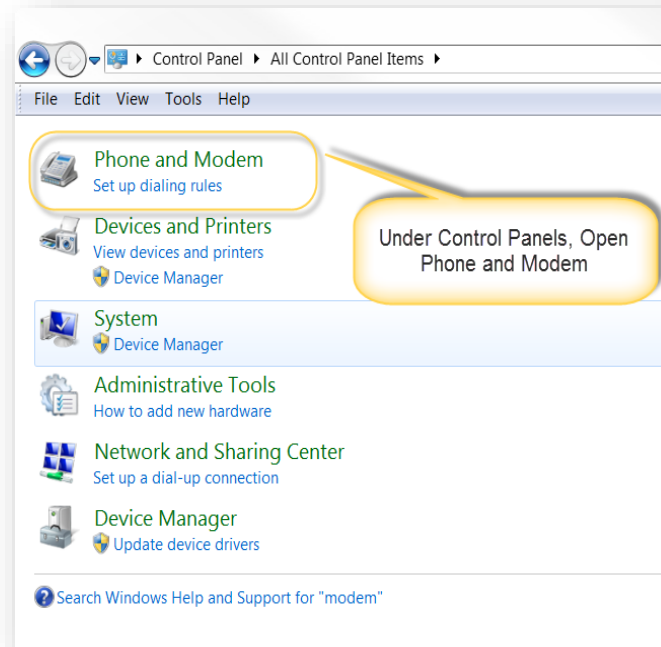


# Step 3. Install Beam Inmarsat Docking Station/Terminal as a modem.

To add the additional configuration settings:

Under Control Panel, open Phone and Modem.

- Under the Modems tab, select the “Standard 2400 bps Modem” then click “Properties.”

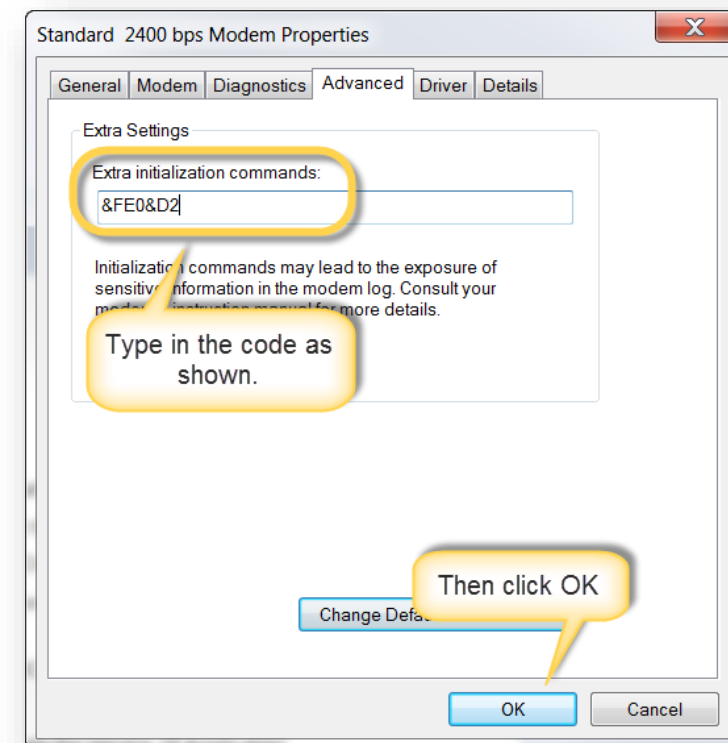
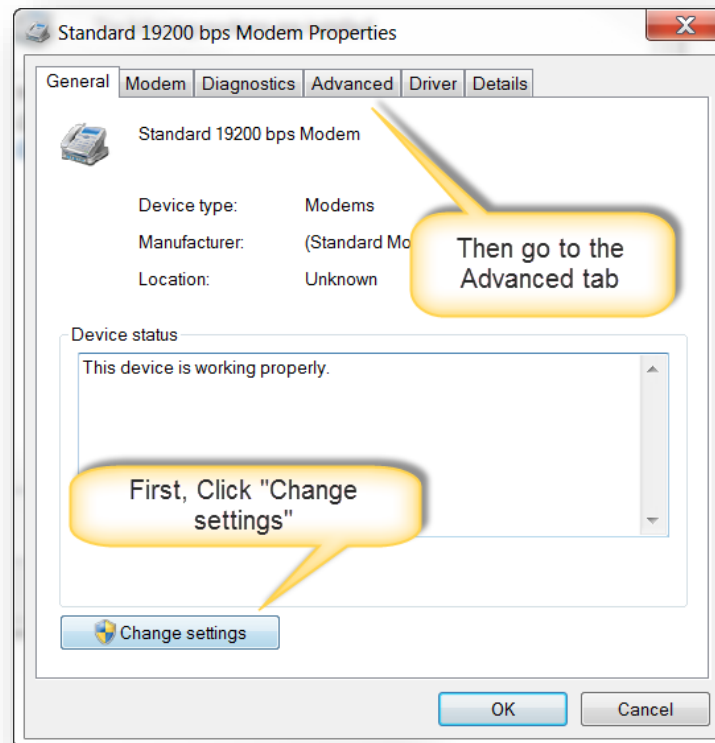


## Step 3. Install Beam Inmarsat Docking Station/Terminal as a modem.

Under the General tab, click “Change settings.”

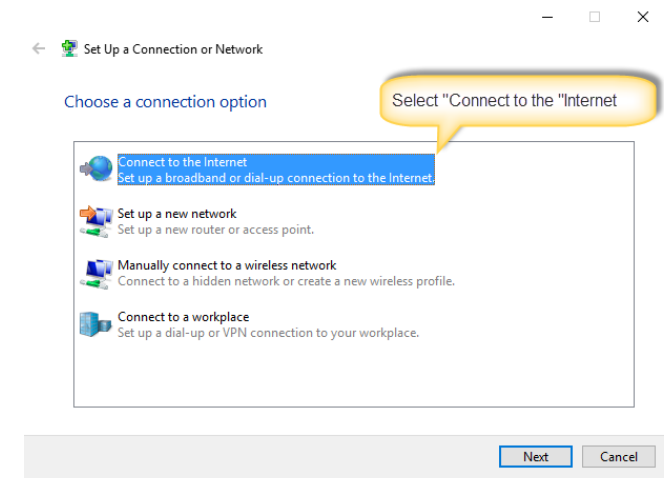
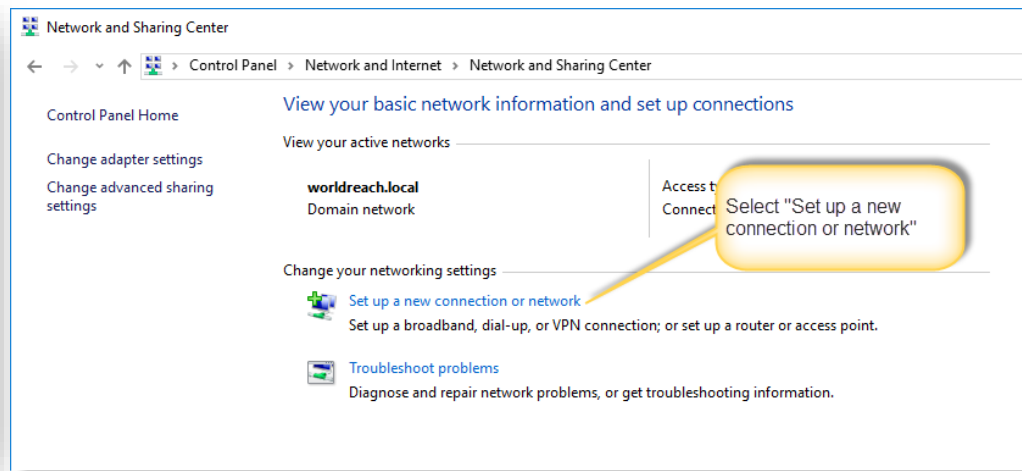
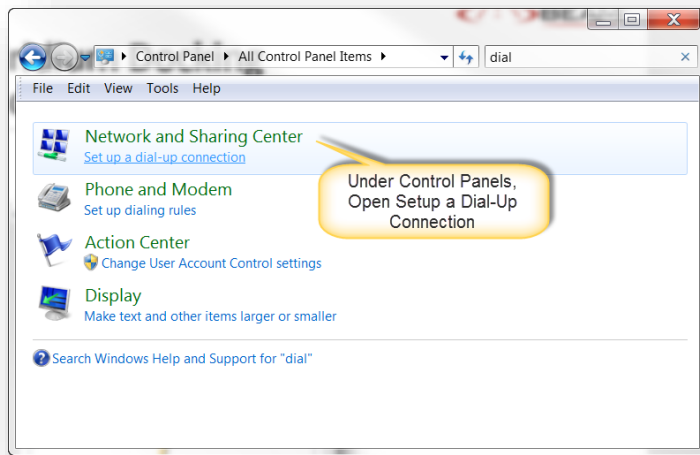
Under the Advanced tab, add the Extra initialization commands: &FE0&D2

Then click “OK.”



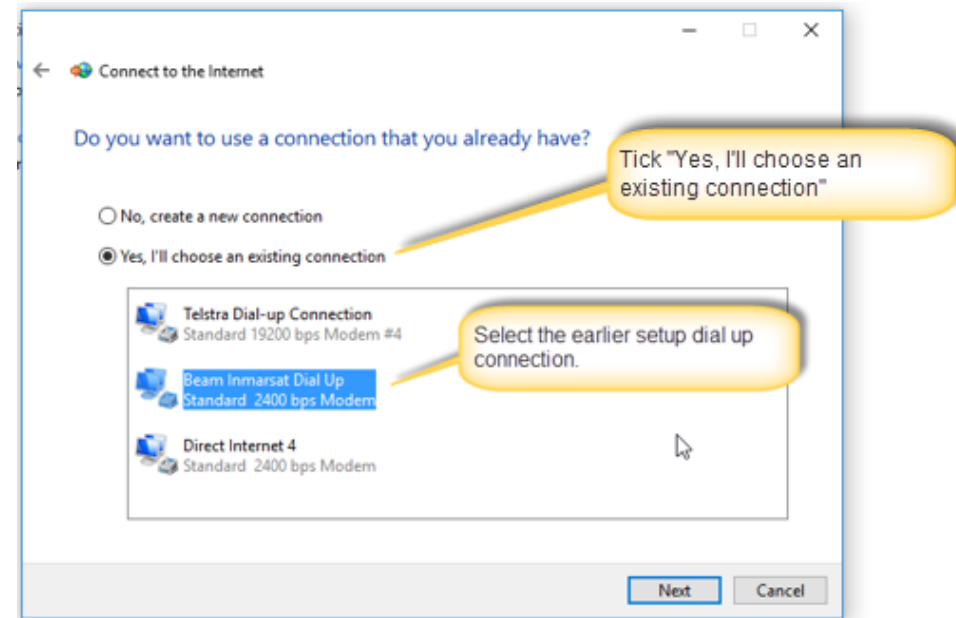
# Step 4 Create a Dial up Connection

In Control Panels, Open Setup a Dial-Up Connection.



# Step 4 Create a Dial up Connection

Setup a new connection and choose the earlier setup dialup connection.



# Step 4 Create a Dial up Connection

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Enter the dial up phone number, 28 for INMARSAT.

Assign a Connection name as shown in the screenshot.

The screenshot shows the 'Create a Dial-up Connection' wizard window. It contains the following fields and options:

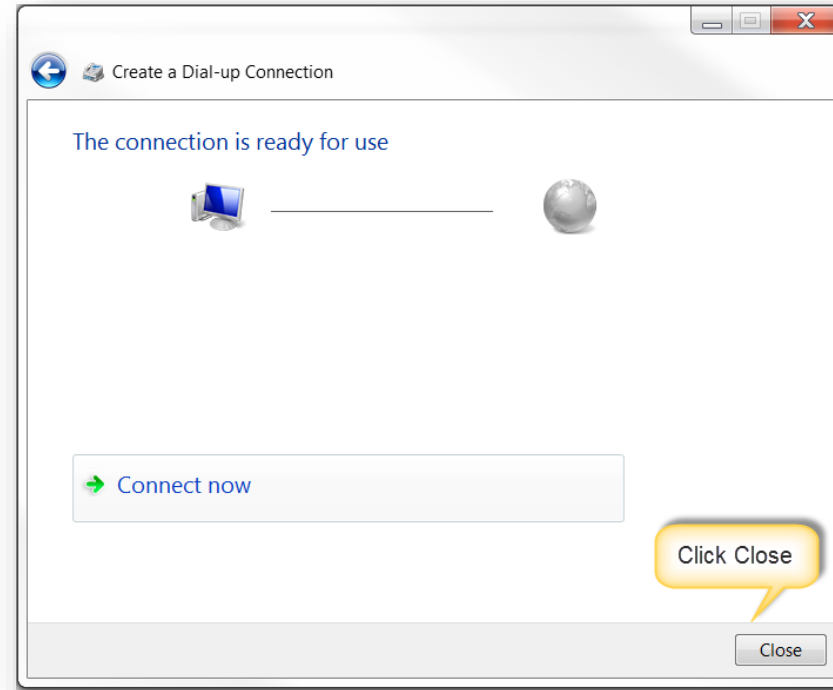
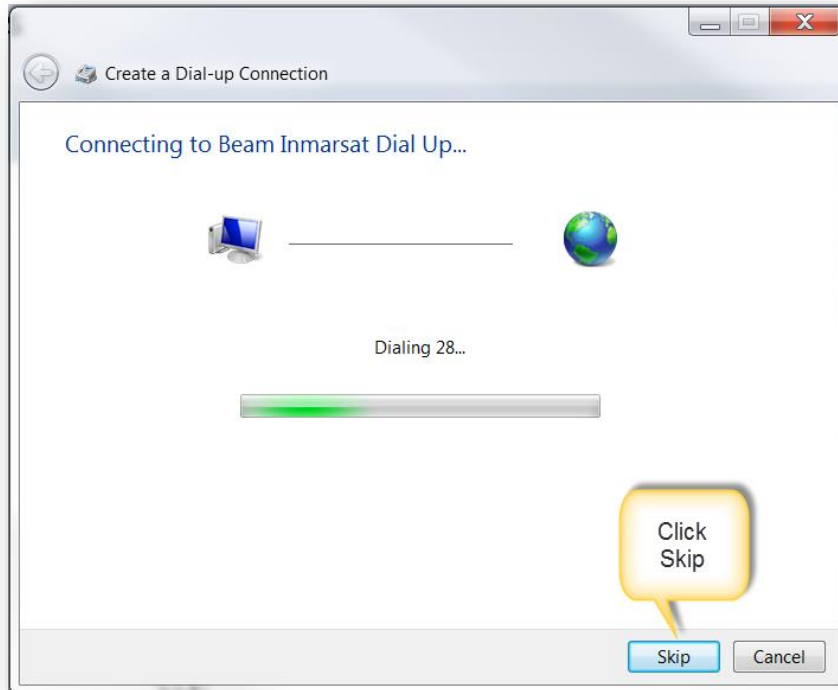
- Dial-up phone number:** 28
- User name:** INMARSAT
- Password:** [Password your ISP gave you]
- Show characters
- Remember this password
- Connection name:** Beam Inmarsat Dial Up
- Allow other people to use this connection (This option allows anyone with access to t...)
- [I don't have an ISP](#)
- Buttons:** Connect, Cancel

Yellow callout boxes provide the following instructions:

- "Type in dial up number as shown" (points to the phone number field)
- "Type in INMARSAT as username" (points to the user name field)
- "Leave Password blank" (points to the password field)
- "Label this connection as shown" (points to the connection name field)
- "Then click Connect" (points to the Connect button)

# Step 4. Create a Dial up Connection

The next window will automatically establish the connection. This time, click Skip and we'll establish Dial Up connection later.

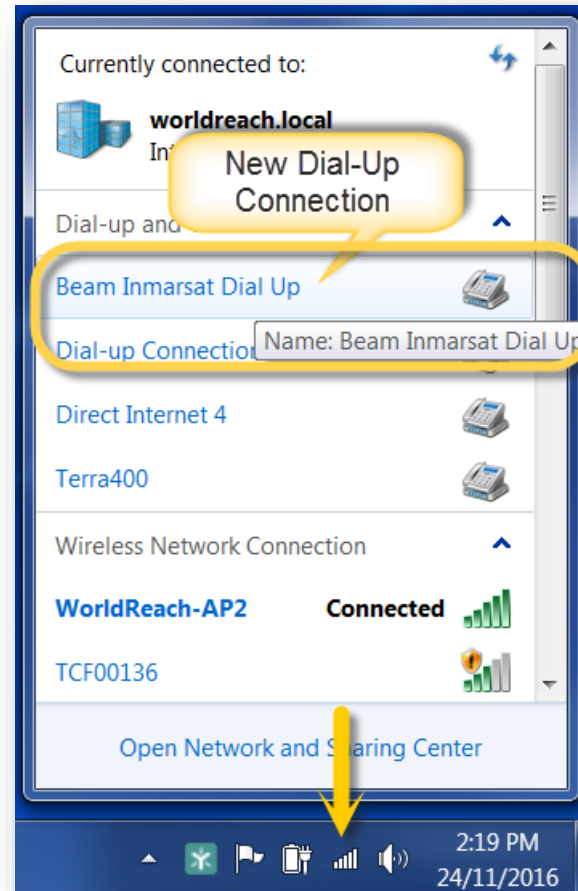


# Step 4. Create a Dial up Connection (Applicable to Windows XP, 7, and 8.1)

At this stage, a new dial up connection is available under Network Connections.

To continue for the same operating system, head up to Step 9.

*Heads Up! Proceed to Step 5 for Windows 10.*



# Step 5. Create a Dial up Connection (Applicable to Windows 10)

At this stage, a new dial up connection is available under Network Connections.

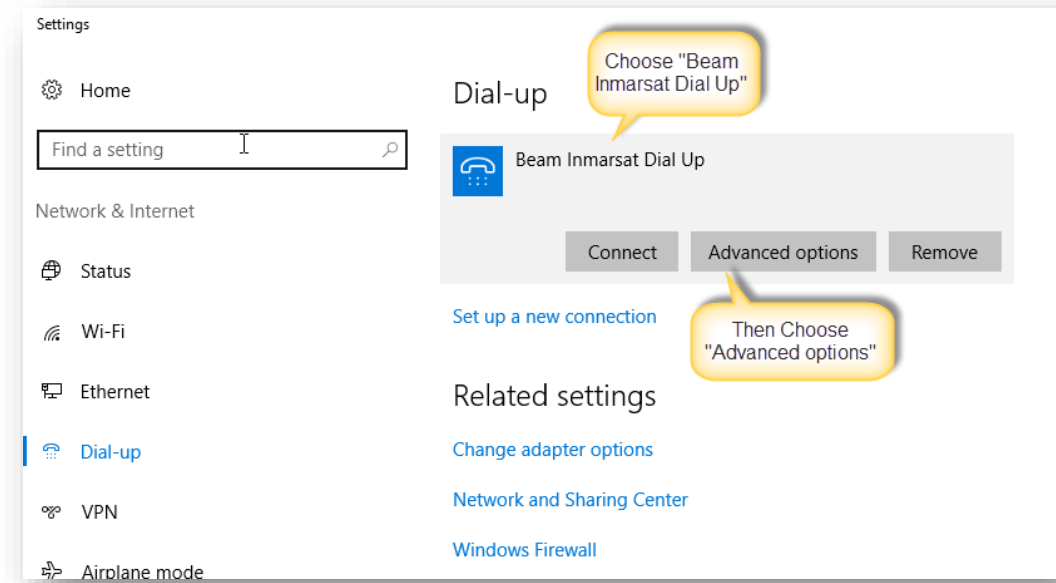
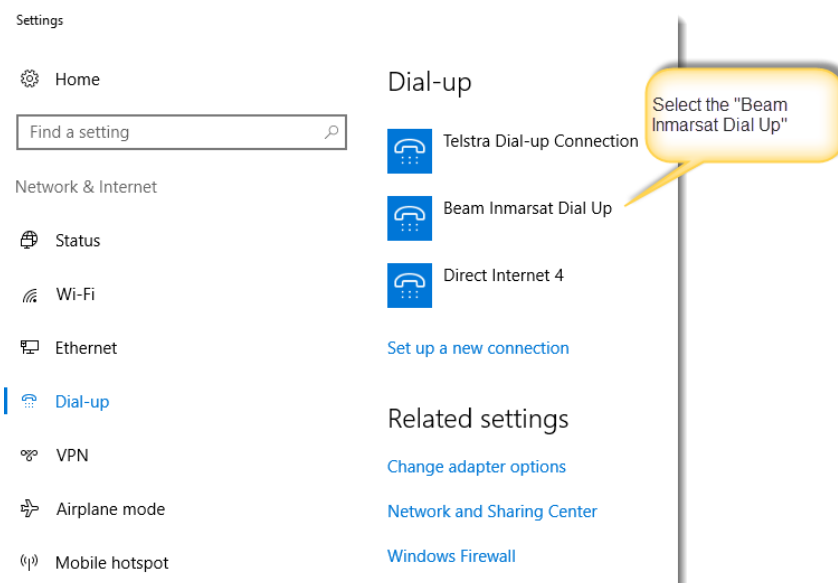


## Step 6. To Connect to the Internet via the Beam Inmarsat Docking station/terminal: (Applicable to Windows 10)

On your computer's system tray, click the network connections icon as shown in the screenshot.

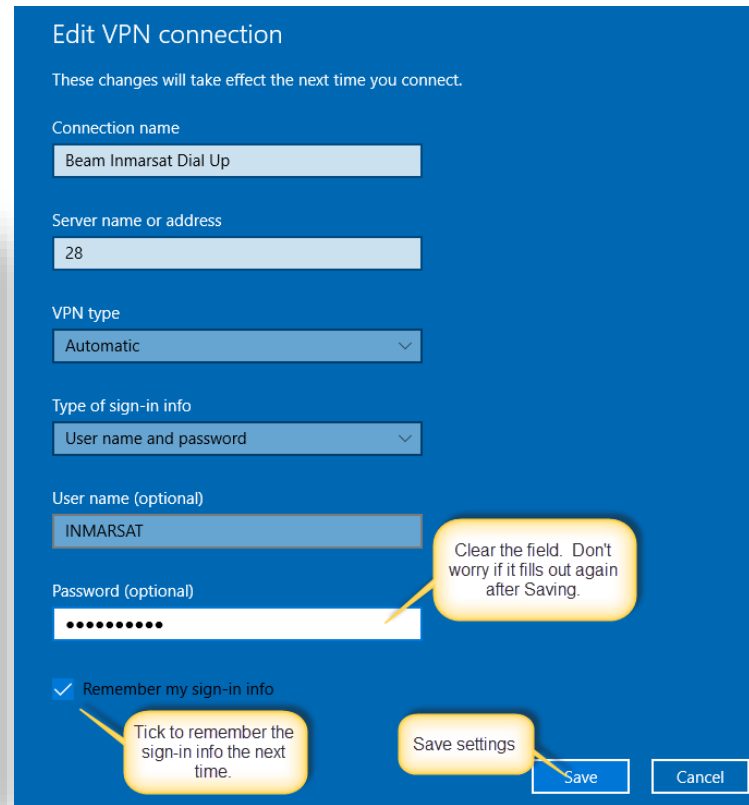
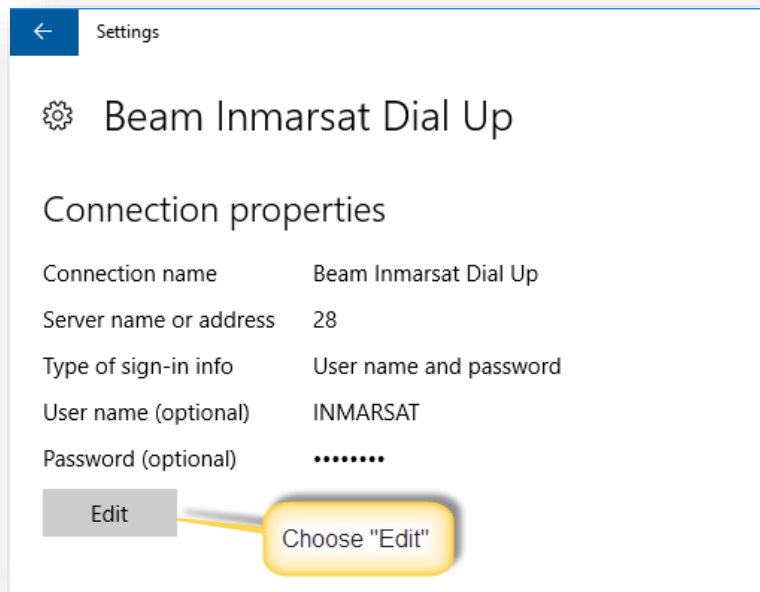
Then, click "Beam Inmarsat Dial Up"

A new window will appear, Click Dial.



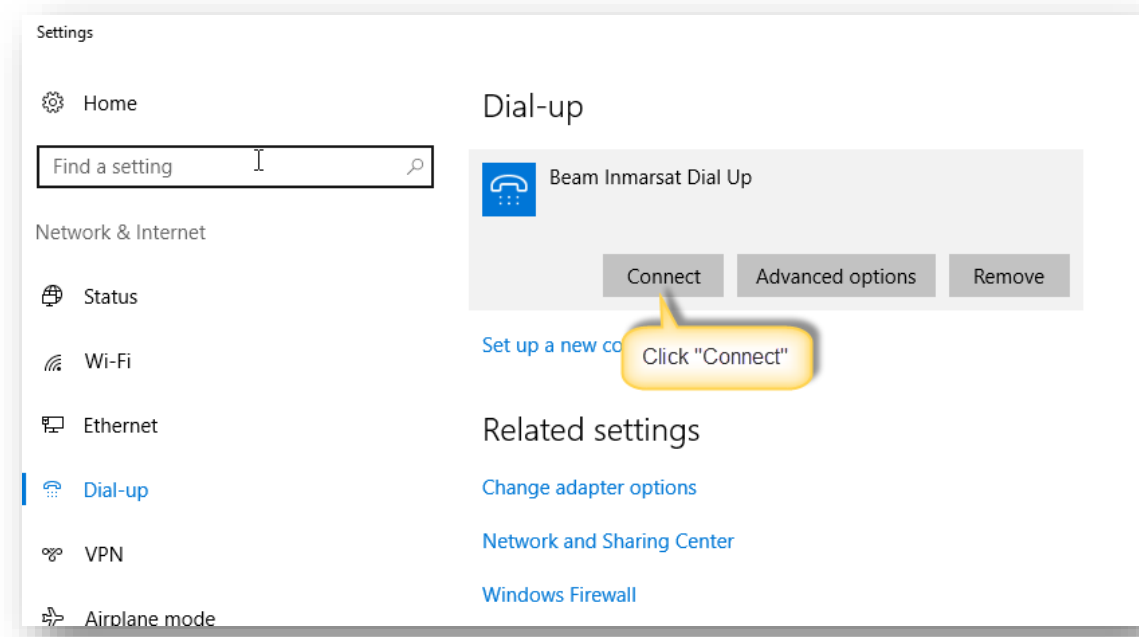
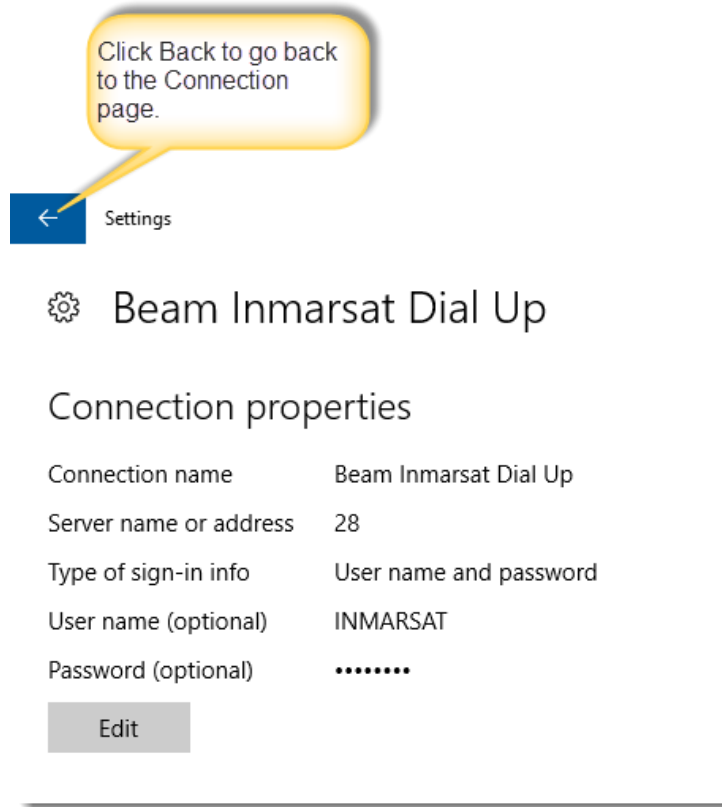
# Step 7. To Connect to the Internet via the Beam Inmarsat Docking station/terminal: (Applicable to Windows 10)

Click Edit to clear password. (Windows 10 defaults a \*\*\*\*\* password)



# Step 8. To Connect to the Internet via the Beam Inmarsat Docking station/terminal: (Applicable to Windows 10)

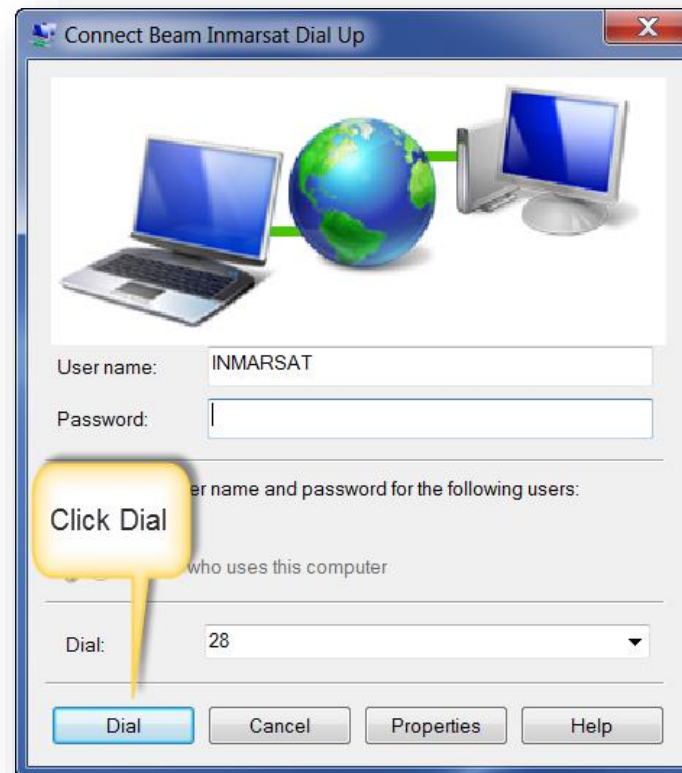
Click "Connect" to open Dial Up connection session.



## Step 9. To Connect to the Internet via the Beam Inmarsat Docking station/terminal: (Applicable to Windows XP, 7, and 8.1 and 10)

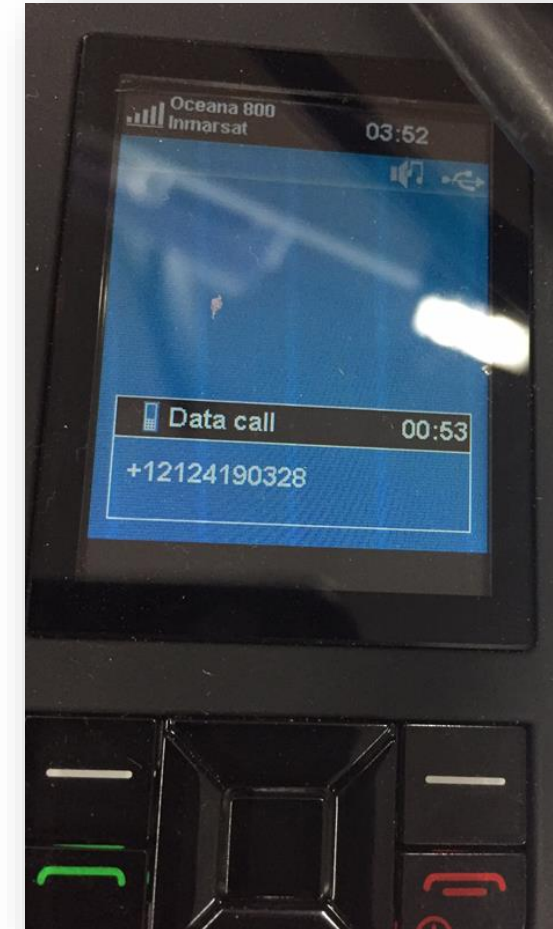
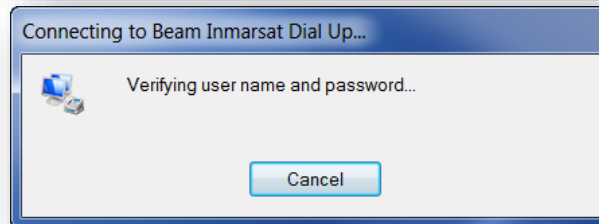
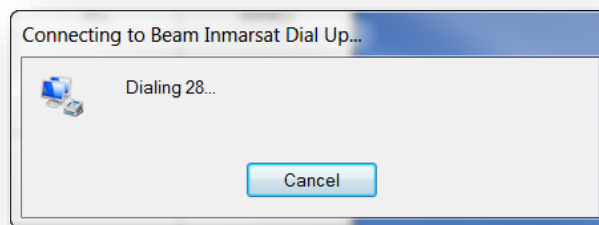
The Dial Up window will appear, Click Dial.

Then skip to Step 10 for the continuation.



# Step 10. To Connect to the Internet via the Beam Iridium Docking station:

A successful connection will follow the following message prompts.  
For this example, the display will show data call in progress.

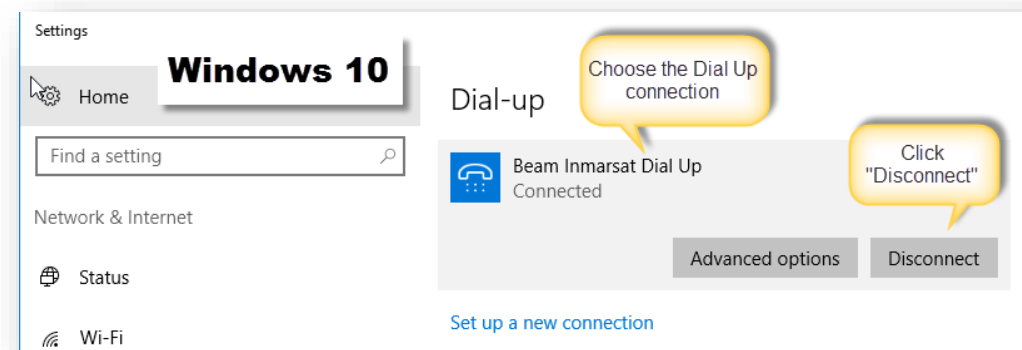
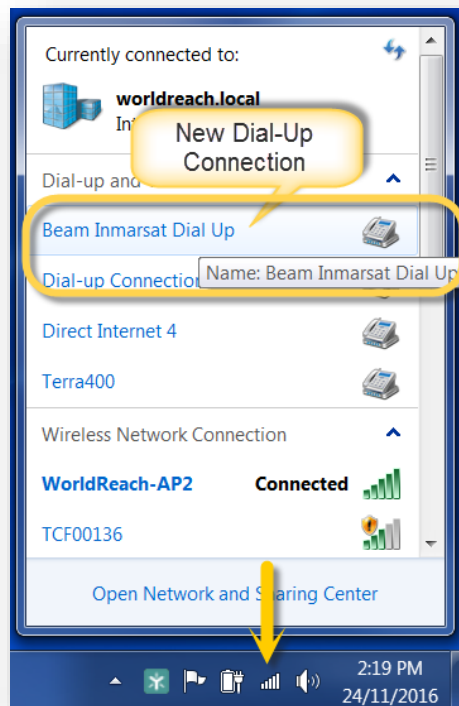


# Step 11. To Disconnect the Dial Up Connection.

To disconnect, select the dial up connection from the windows system tray (as you would to begin a dial up connection)

In Windows XP, 7, and 8.1 a “Disconnect” button will appear under the Dial Up connection. Click Disconnect.

In Windows 10, the Dial Up Connection menu will appear. Select the “Connected” connection, then click Disconnect as shown in the screenshot.

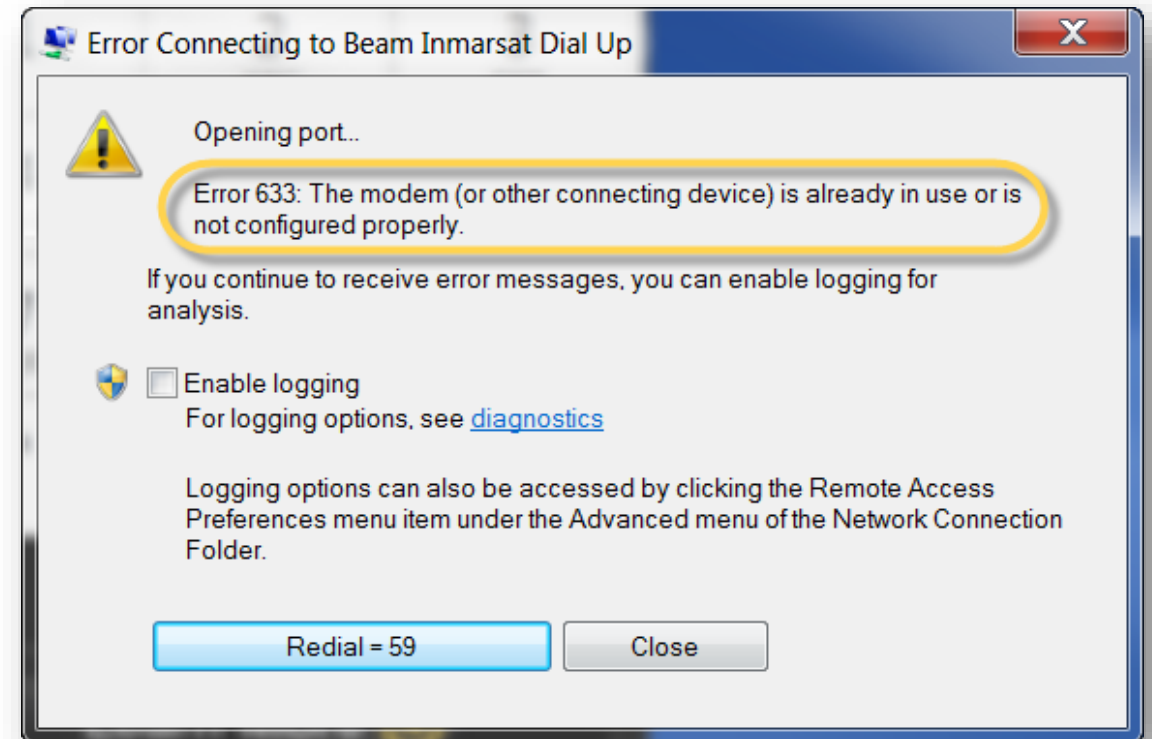


## Step 12. Troubleshooting

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Error 633: This occurs when the modem connected is different from the modem selected, or the dock is not connected to the computer via USB.

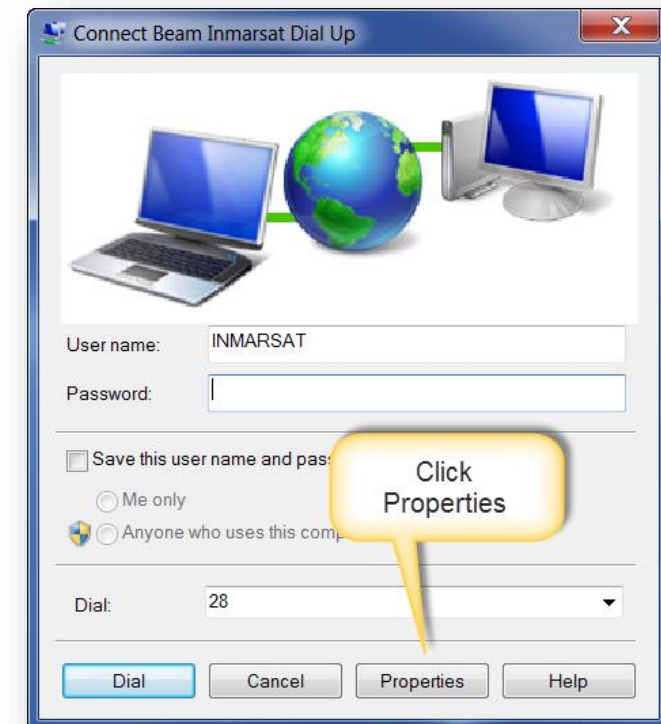
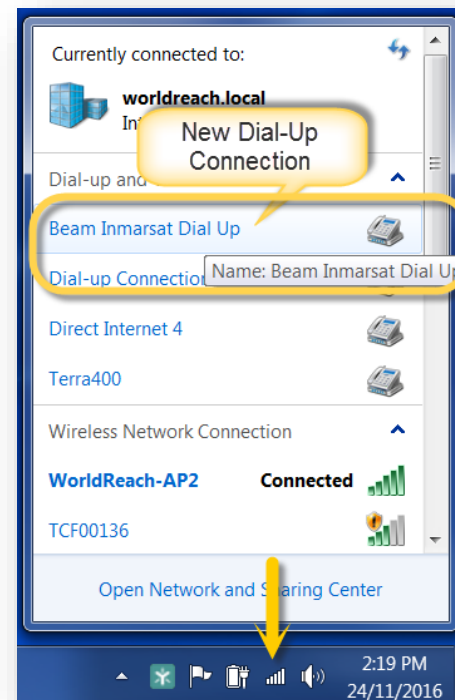
The same error message appears if the docking station or terminal is not connected to the computer.



## Step 12. Troubleshooting

How to fix Error 633.

- On your computer's system tray, click the network connections icon as shown in the screenshot.
- Then, click "Beam Inmarsat Dial Up"
- Then Click Connect.
- A new window will appear, click Properties.



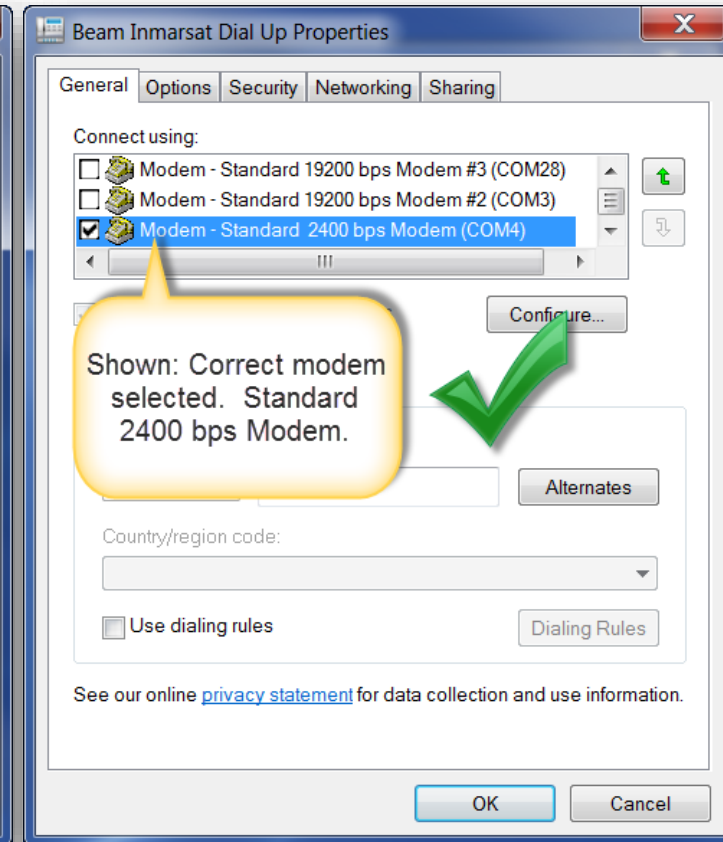
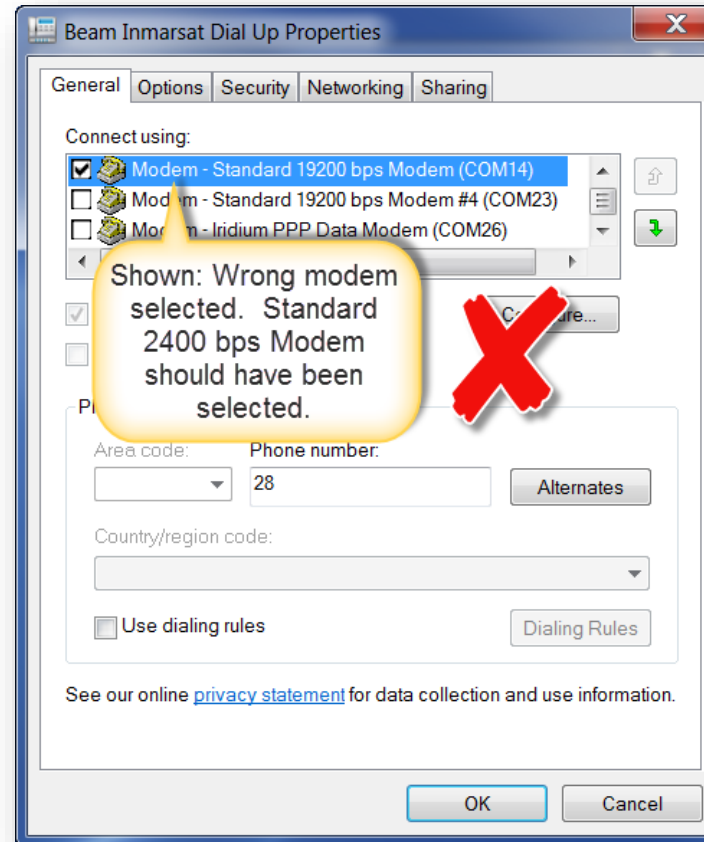
## Step 12. Troubleshooting

How to fix Error 633.

- Under the General tab, make sure that the correct modem is selected.

In this example, the wrong modem was selected thus the dialler cannot find the hardware thus returning a hardware error.

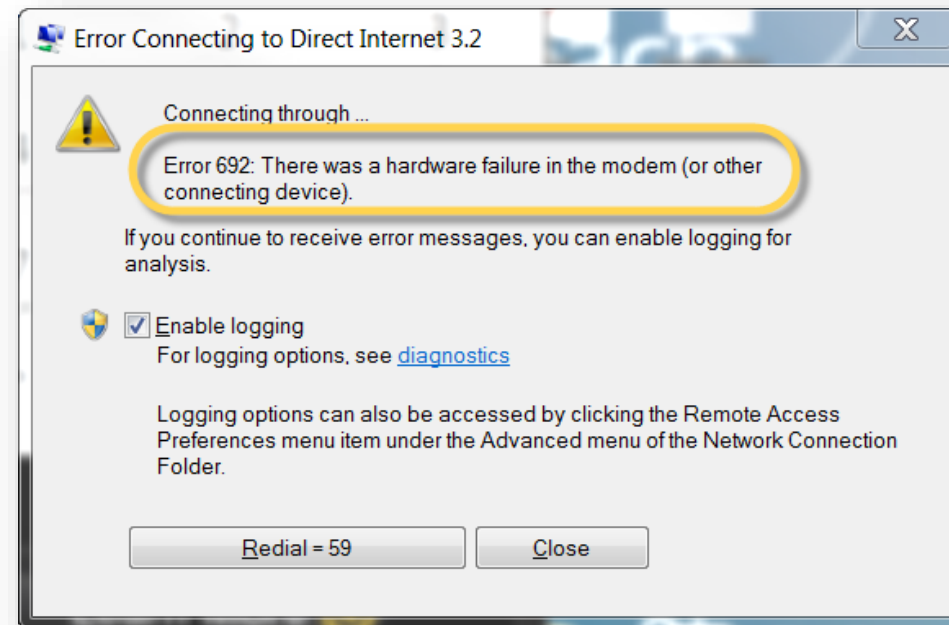
Find and tick the Standard 2400 bps modem with the correct COM Port as shown.



## Step 12. Troubleshooting

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Error 691: This error occurs when the Username is left blank, or misspelled, or the password field is not empty.



# Step 12. Troubleshooting

## How to fix Error 691

- Make sure the Username field shows INMARSAT, spelled correctly and at the right CAPS.
- Also, the Password field should be empty.

Username: INMARSAT

Password: <empty>

