

Melo Watch Circle Console

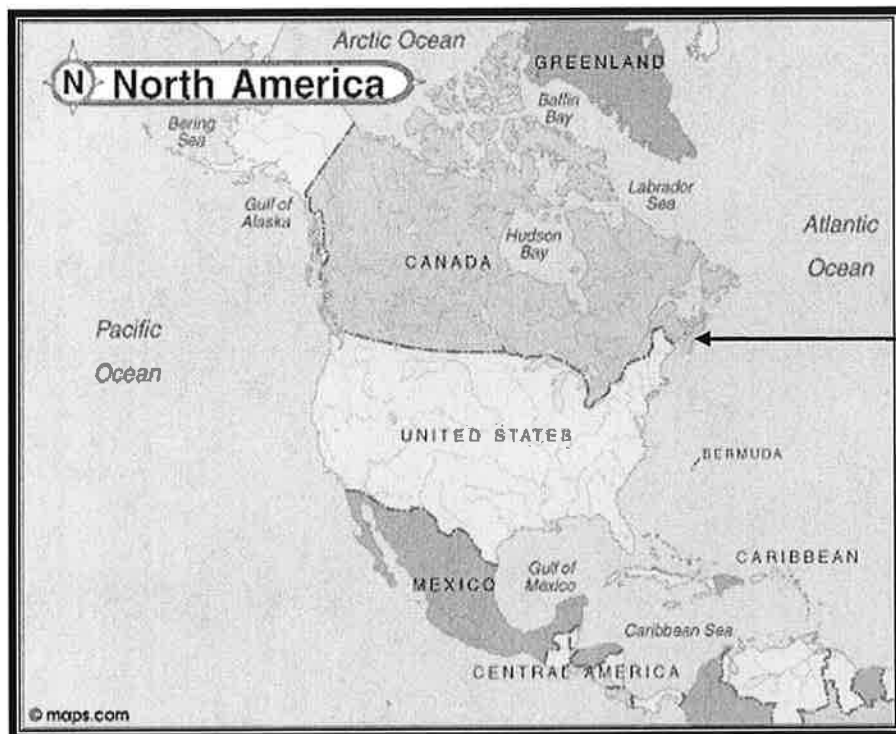
User Manual

Version 2.1
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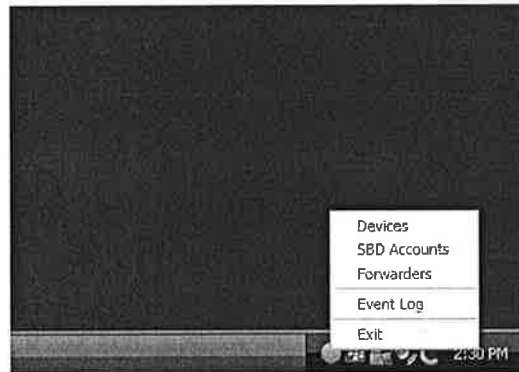
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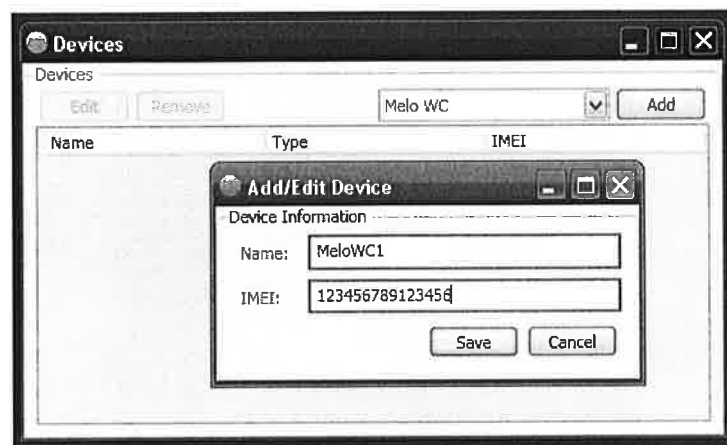
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1 Adding a New Device to the Console

- 1) Open the SBD Agent Manager under Start, All Programs, Xeos Technologies.
- 2) Right click on the Xeos SBD Agent icon on the bottom right-hand side of the screen.



- 3) Click on "Devices".
- 4) Click on "Add".
- 5) Give the device a name and enter the unique IMEI number of the unit. The "IMEI" box will turn green when you have entered 15 digits. If the box is red, that means the IMEI number entered is not a valid number.



- 6) Click on "Save".
- 7) The new device has now been added to the console.
- 8) Devices already added to the console can easily be removed by clicking on the device you want to remove, then clicking on "Remove". Program will ask if you are sure you want to remove device, click "OK".
- 9) Devices already added to the console can easily be altered by clicking on the device you want to alter then clicking on "Edit". You can alter either the device Name or the IMEI number.

2 Adding an Email Account to the Console

- 1) Open the SBD Agent Manager under Start, All Programs, Xeos Technologies.
- 2) Right click on the Xeos SBD Agent icon on the bottom right-hand side of the screen.
- 3) Click on "SBD Accounts".
- 4) Click on "Add" to add a new email account.
- 5) Type in the email address including domain name (eg. MeloWC@gmail.com) and password. Re-type the password into "Confirm". Click on "Save".

Note: A valid Username will turn the "Username:" box green. If the box is red, the Username is not a valid email account. If the passwords match the "Confirm:" box will turn green. If the box is not green, the passwords do not match.

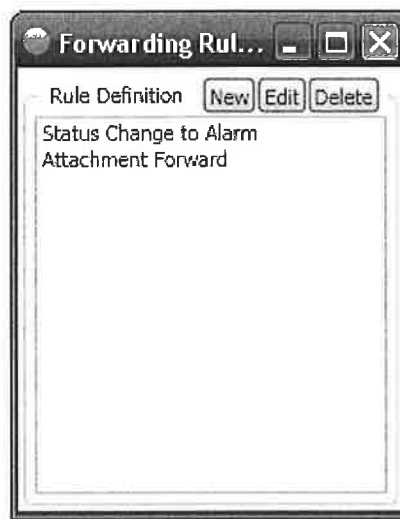


- 6) The email has now been added to the Console. The console will now read messages sent to that email.



3 Using Forwarders

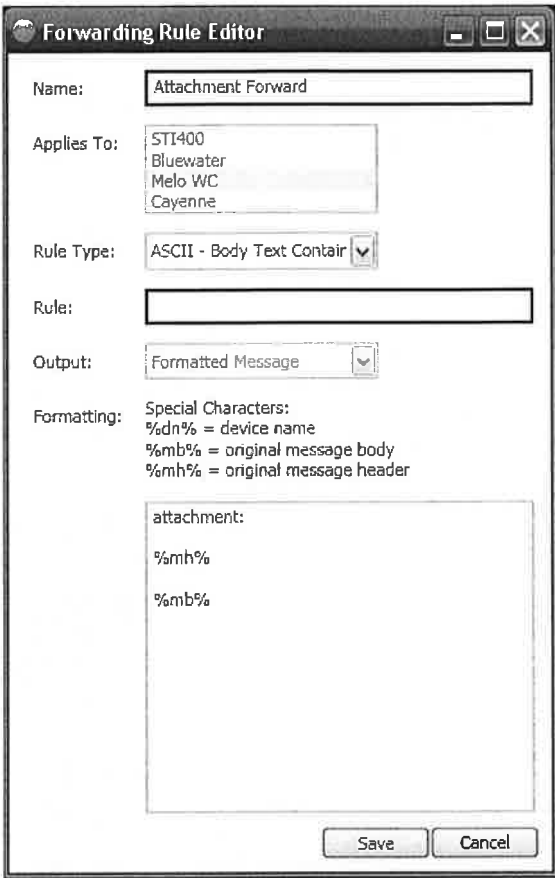
- 1) Forwarders can be configured to forward messages received from the Melo unit to multiple different email and sms accounts. (The following example demonstrates how to configure the forwarder to send emails to another contact.) To configure forwarders, open the SBD Agent Manager under Start, All Programs, Xeos Technologies.
- 2) Right click on the Xeos SBD Agent icon on the bottom right-hand side of the screen.
- 3) Click on "Forwarders".
- 4) Click on "Rules."
 - Click on "Delete" to remove a rule.
 - Click on "Edit" to change any existing rule.
 - Click on "New" to add a new rule.



- 5) Configure the new rule
 - Give the rule a name. This is the name that will appear in the Rule Definition list. This example uses the name 'Attachment Forward'.
 - For "Applies To:" select Melo WC.
 - For "Rule Type:" select ASCII – Body Text Contains.
 - Use a character that appears in the attachments you would like to forward. In this example, a space-bar character is used.
 - For "Output:" select Formatted Message.
 - In the formatting section, fill in the window with the following text:
Attachment:

%mh%

%mb%
 - Click on "Save". Your new rule should appear in the list of Rule Definitions.



Forwarding Rule Editor

Name: Attachment Forward

Applies To: STI400
Bluewater
Melo WC
Cayenne

Rule Type: ASCII - Body Text Contain

Rule:

Output: Formatted Message

Formatting: Special Characters:
%dn% = device name
%mb% = original message body
%mh% = original message header

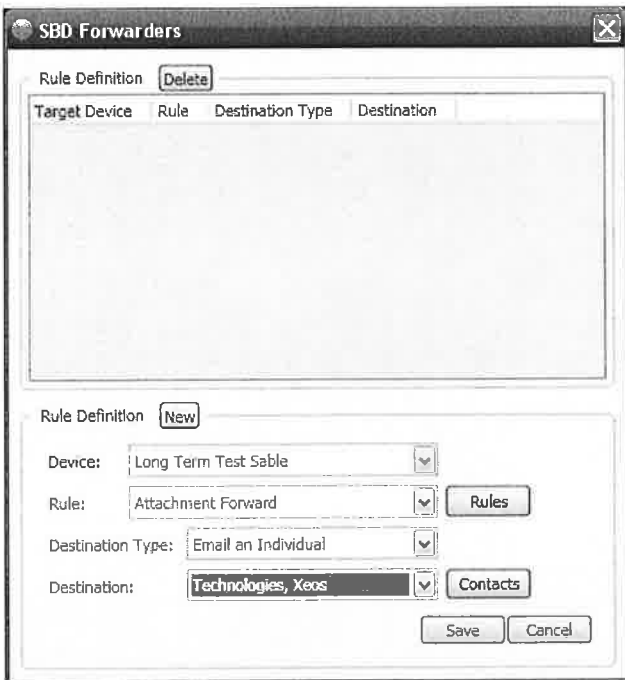
attachment:

%mh%

%mb%

Save Cancel

- 6) Choose the device you would like to configure using the SBD Forwarder from the device list.
- 7) Choose the new rule, Attachment Forward (or what you decided to name it).
- 8) Choose the destination type as Email an Individual.
- 9) Choose the individual from the list of contacts.



SBD Forwarders

Rule Definition **Delete**

Target Device	Rule	Destination Type	Destination

Rule Definition **New**

Device: Long Term Test Sable

Rule: Attachment Forward **Rules**

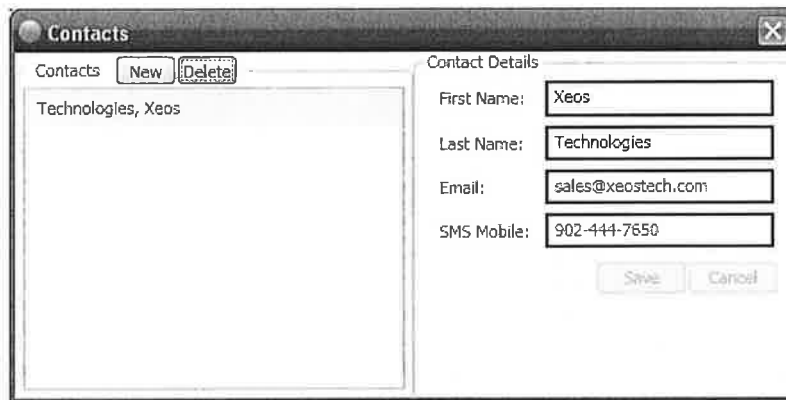
Destination Type: Email an Individual

Destination: Technologies, Xeos **Contacts**

Save Cancel

10) To add a new contact, click on “Contacts”.

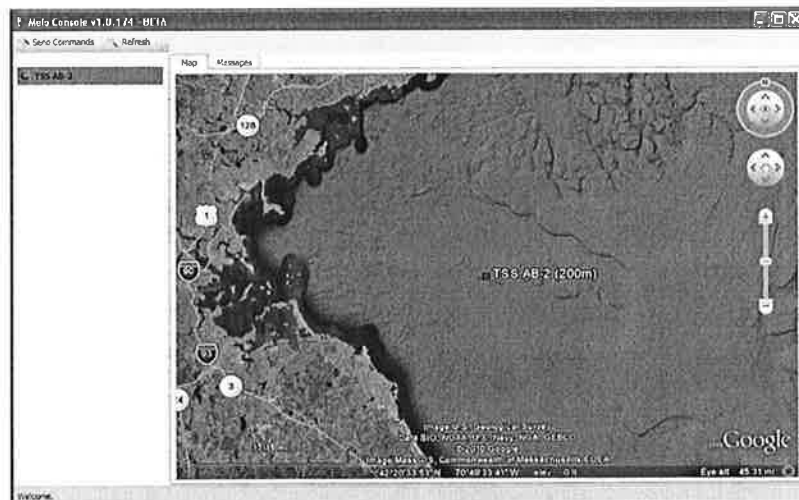
- Fill in the first and last name of the new contact.
- Fill in the email account of which the messages will be forwarded to.
- Fill in the SMS Mobile number for SMS forwarding.
- Click on “Save”.
- The new contact should now appear on the list of contacts and can now be chosen from the main SBD Forwarders page.



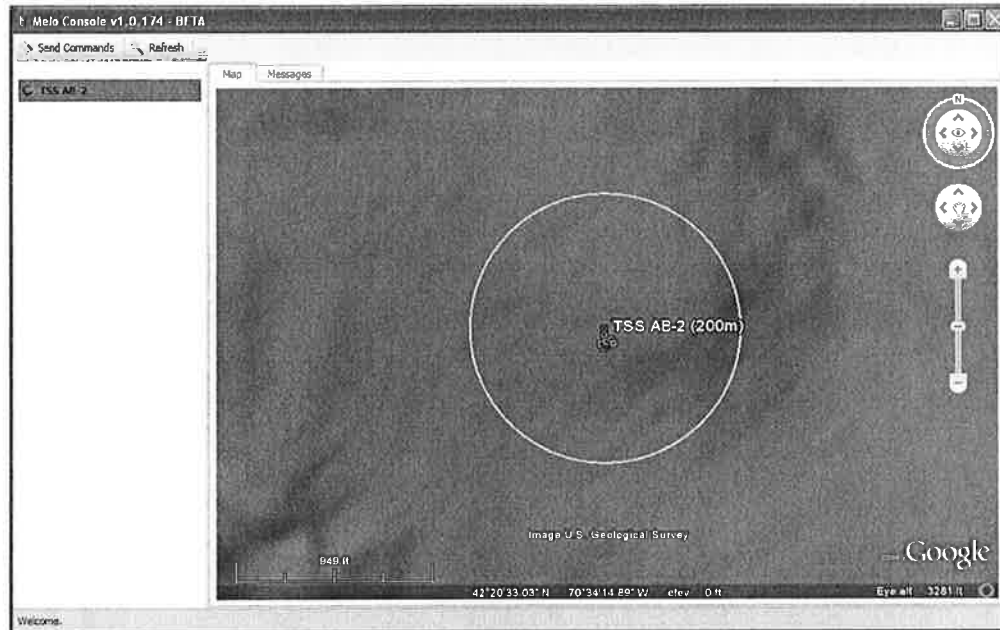
11) Click on “Save”. The new rule should now appear on the list on the main SBD Forwarders page. You can configure the Forwarder to work with multiple devices, as well as multiple contacts.

4 Using the Melo Watch Circle Console

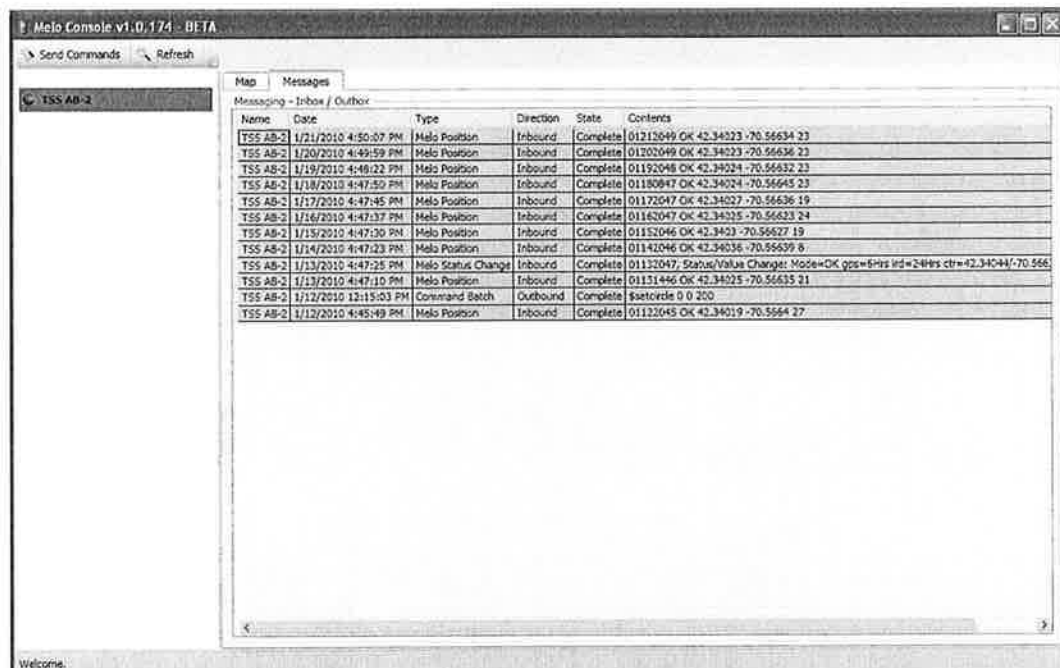
- 1) To open the console, click on Start, All Programs, Xeos Technologies, Melo Console.
- 2) Click on “Map”.
- 3) Devices that have been added will be listed on the left-hand side of the console. Click on a device to view its current location. It is possible to view multiple devices at once by holding the “Ctrl” key while clicking on each device to be viewed.
- 4) Double clicking on the map will zoom in closer to device position. You can grab the map with the mouse to move it around, and use the directional arrows in the top right-hand corner to change the view angle.



- 5) A purple circle indicates where the device is currently transmitting from. Green circles display the path the device has traveled. The watch circle setting will also be on the map, beside the corresponding unit name (eg. 200m). A yellow circle displays the watch circle alarm boundaries. Click on the “Refresh” button at any time to view the latest transmitted data.

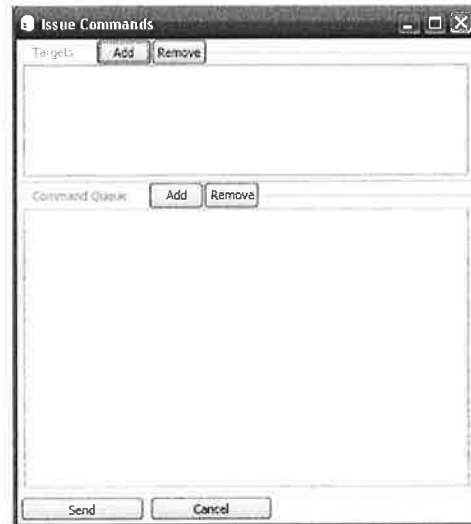


- 6) Click on the “Messages” tab to view messages. Click on the device listed on the left-hand side to view that device’s corresponding messages. You can view messages sent both to and from the device (Inbound = message from device). Click on the “Refresh” button at any time to view the latest transmitted data.



5 Sending Commands

- 1) To open the console, click on Start, All Programs, Xeos Technologies, Melo Console.
- 2) Click on "Send Commands".



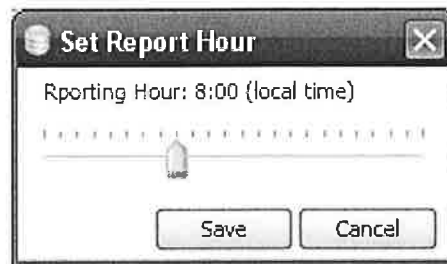
- 3) Under "Targets" click on "Add" to add a device to send commands to. You can add multiple devices to send the same command to many devices at one time. Devices can be removed from the list by clicking on the device, then clicking on "Remove".
- 4) Under "Command Queue" click on "Add". Select the command you would like to send. Make necessary adjustments to the command. Click "Save". Commands can be removed by clicking on the command then clicking on "Remove".



- 5) You can send devices multiple commands at one time. Once all Targets and Commands have been set, click on "Send". Click on "Cancel" at any time to send no commands.
- 6) All commands sent can be viewed under the "Messages" tab in the console, as outbound messages.

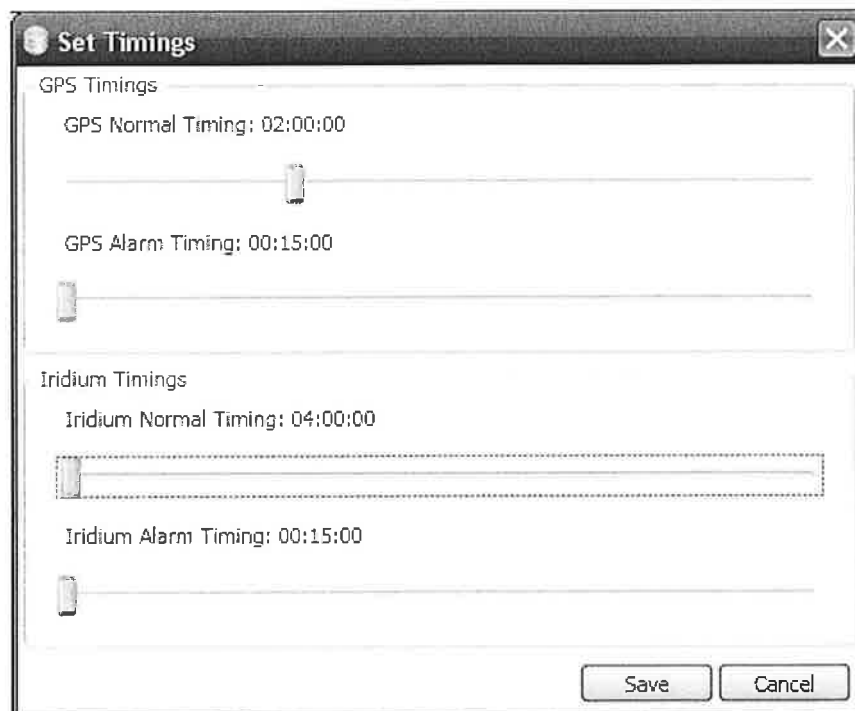
Set Report Hour

- This command is used to synchronize different devices. By setting the report hour, you are setting the time at which the unit will transmit its position based on the timing interval beginning on the report hour.



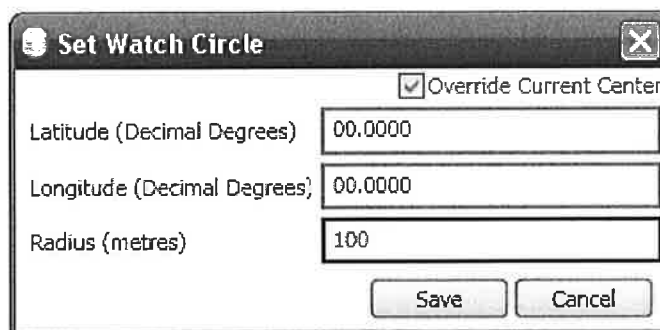
Set Timings

- This command is used to set the timing intervals in both alarm mode and normal mode for position messages and mailbox checks. The GPS and Iridium timers can be set independently.
- The GPS timings will set the frequency at which the unit acquires a GPS position. This can be set to different parameters in both normal mode and alarm mode. The GPS Normal Mode timer can be set from 15 minutes to 360 minutes (6 hours). The GPS Alarm Mode timer can be set from 15 minutes to 360 minutes (6 hours).
- The Iridium timings will set the frequency at which the unit checks for waiting messages (commands), executes any waiting commands and sends a position message. This can be set to different parameters in both normal mode and alarm mode. The Iridium Normal Mode timer can be set from 15 minutes to 42300 minutes (30 days). The Iridium Alarm Mode timer can be set from 15 minutes to 5760 minutes (7 days).



Set Watch Circle

- Upon initial power-up, the unit will establish a default watch circle based on its average position. The default radius is 100 meters.
- The radius of the watch circle can be set by typing in the desired radius, clicking on 'Save' and then sending the command.
- You can manually set the centre of the watch circle by clicking on the 'Override Current Centre' box. If this box is not checked, both the latitude and longitude boxes will be grayed out and displaying the current centre of the watch circle. Once the box is checked, the centre of the watch circle can be set to the desired position by typing in the coordinates, clicking on 'Save' and sending the command.



The 'Set Watch Circle' dialog box features a title bar with a close button. It contains a checkbox labeled 'Override Current Center' which is checked. Below this are three input fields: 'Latitude (Decimal Degrees)' with the value '00.0000', 'Longitude (Decimal Degrees)' with the value '00.0000', and 'Radius (metres)' with the value '100'. At the bottom right are 'Save' and 'Cancel' buttons.

Enable/Disable Watch Circle

- This command will turn the watch circle ON and OFF.
- Disabling the watch circle will disable the alarm mode, and the unit will transmit based on the normal mode timings.
- Watch circle can be disabled or enabled at any time.



The 'Enable/Disable Watch Circle' dialog box has a title bar with a close button. It contains a label 'Watch Circle' and two radio buttons: 'Enabled' (which is selected) and 'Disabled'. At the bottom are 'Save' and 'Cancel' buttons.

Manual Command

- This is used to send any commands that are not in the pre-set commands list. For a full list of commands, see Melo WC Users Manual.



The 'Manual Command' dialog box has a title bar with a close button. It contains a text area with the placeholder text 'Manual Command (Separate multiple commands with semicolons)'. At the bottom right are 'Save' and 'Cancel' buttons.