



Scheduled Lookups for GOFINDER Control Room devices with Telstra SIM Cards

Project / Product Name

GSM /\

Details

Through the Gofinder login, users can now create scheduled lookups by setting up tracking frequency and time through a graphical interface.

GPS equipped devices also benefit, as it provides a backup to GPS system and is especially useful if the GPS device remains indoors or in urban canyons for a long period of time.

Pre-Requisites

To use the "GSM/\", your device must be "GOFINDER Control Room enabled".

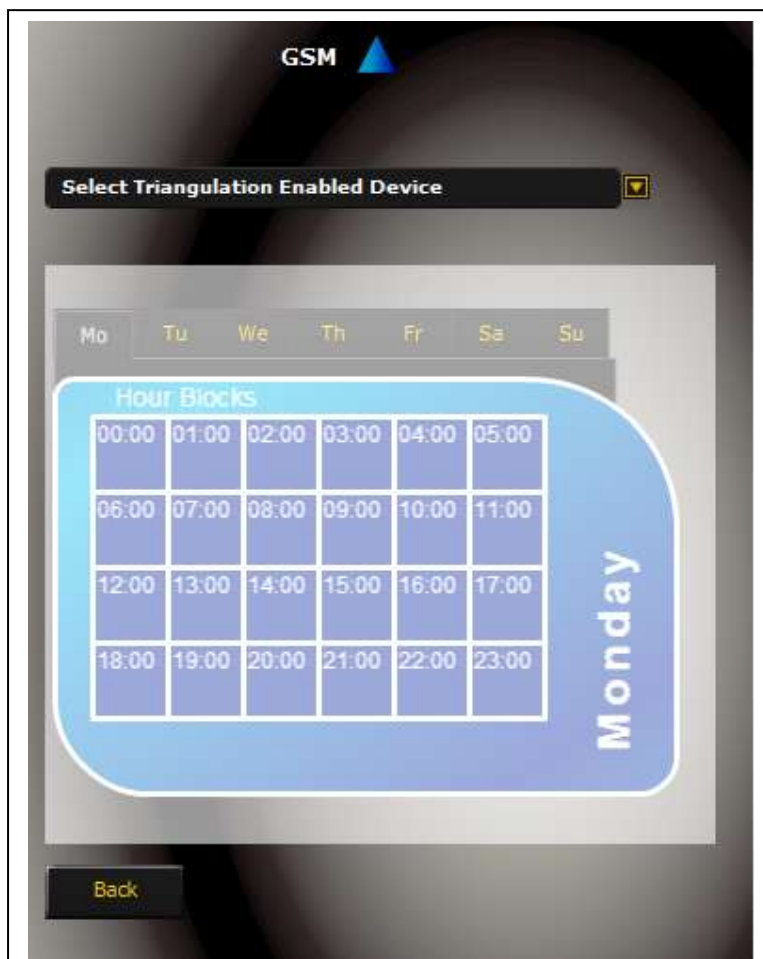
If you are already a GOFINDER CONTROL ROOM SUBSCRIBER, then setting up "GSM/\", is quite simple.

User Manual Details

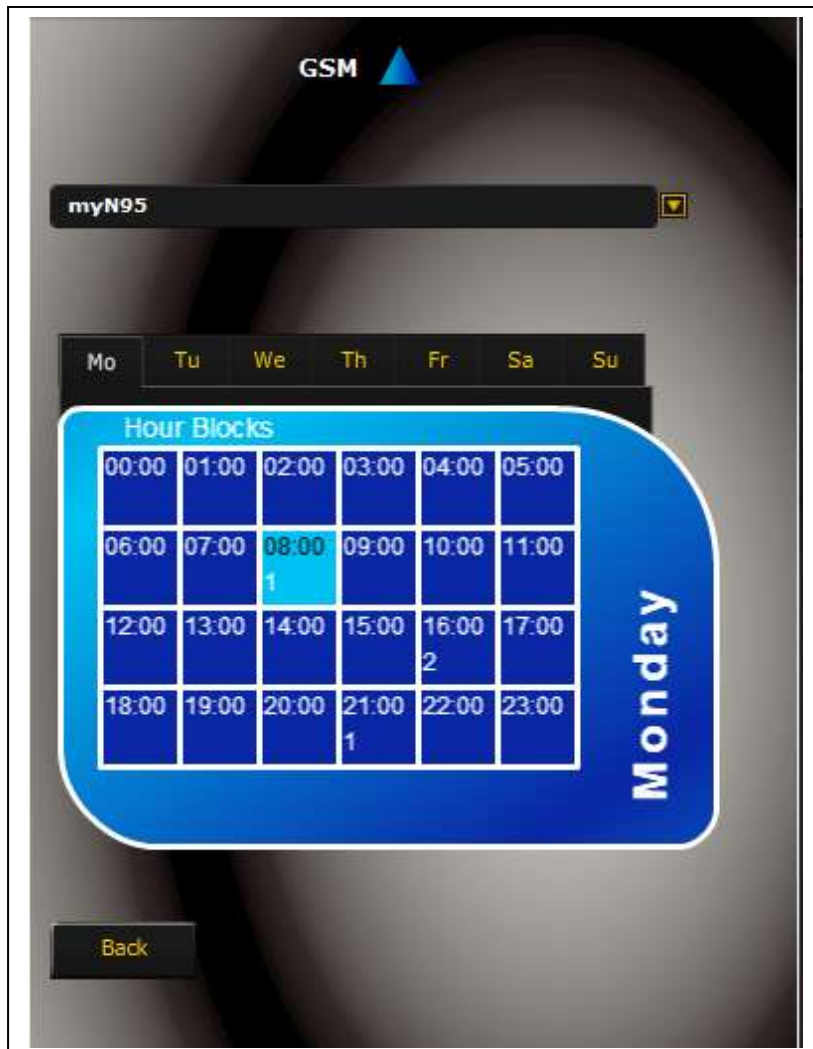
Setting Up



On the left hand menu go to “UTILITIES” and click on the “GSM/\” button as shown in picture



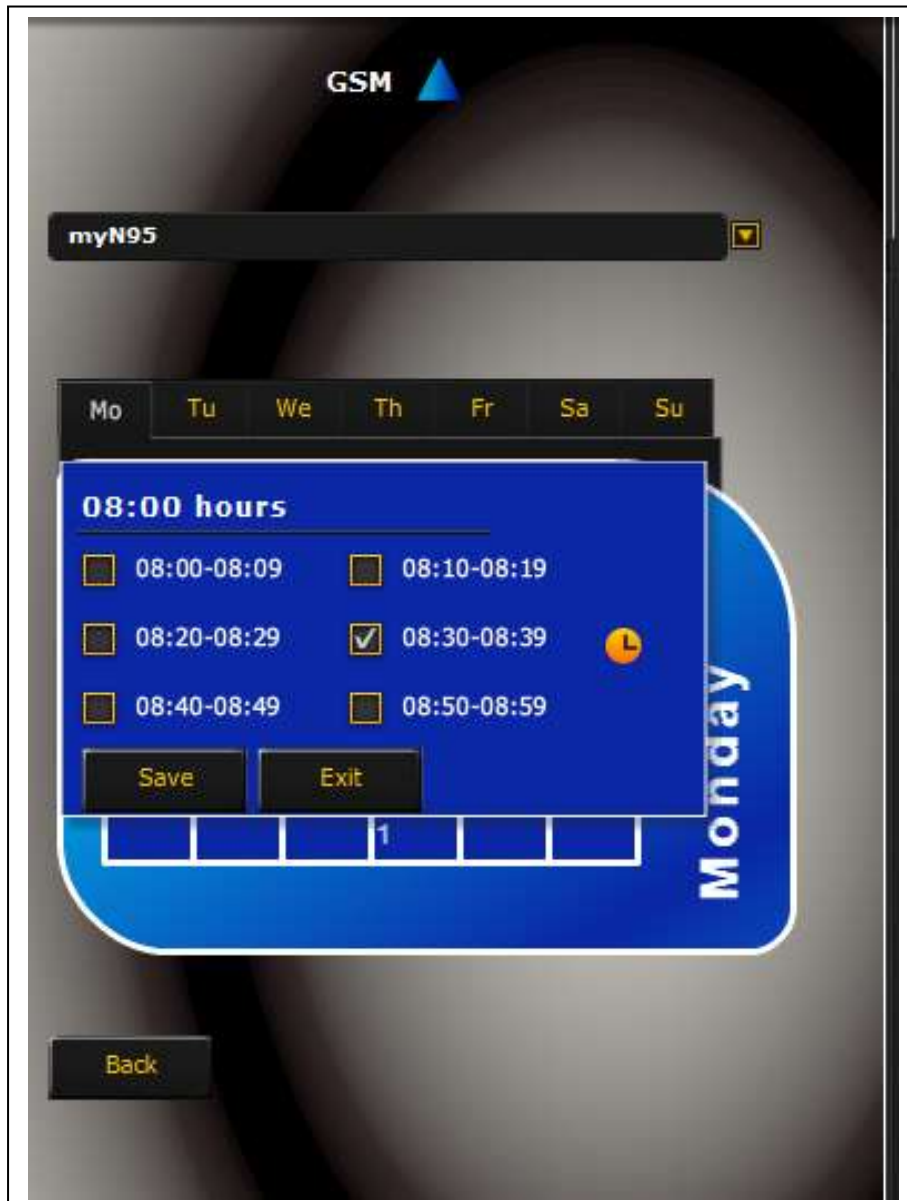
On clicking the GSM/\ button the screen on the top will load. The entire screen is disabled except the “Select Triangulation Enabled Device” drop down button. If there are any devices that are enabled they will show up here.



On selecting a device from the drop down box, the Monday hourly block will become available. This shows the number of positions scheduled for every hourly block from midnight 00:00 hours to 23:00 hours. As seen in this example, there are 4 position lookups scheduled for Monday.

At any time you can choose another device from the drop down box and the weekly schedule for the selected device will show up.

Currently the system supports weekly scheduling only. The hourly block can be clicked open to show the minute settings for the selected hour as shown in the next graphic.



On Selecting and clicking the 08:00 hour block the minute interface will open up.

Here you can set up the minute interval.

GSM/\ allows tracking at a minimum of 10 minutes interval. Therefore the interface allows setting on the hour, every hour or at the hour, 10 min, 20, 30, 40 and 50 minutes.

To save the settings click SAVE, or to exit without saving, click exit.

Technical background information

The data saved for each device resembles the below example:

Monday : 9 :10 am
Monday : 9-30 am
Tuesday: 11:30 am
Thursday: 11:00 pm

This data is processed every 10 minutes on a dedicated processor and if one or more devices are found at that 10 minute interval requiring a position lookup, a request is sent over to the Telecom provider (very similar to user generated ping).

The current system supports a minimum lookup frequency of 10 minutes which is designed to make economic and efficient use of the system.

October 21st, 2009