Trek Transponder V4 Series Usage Guide
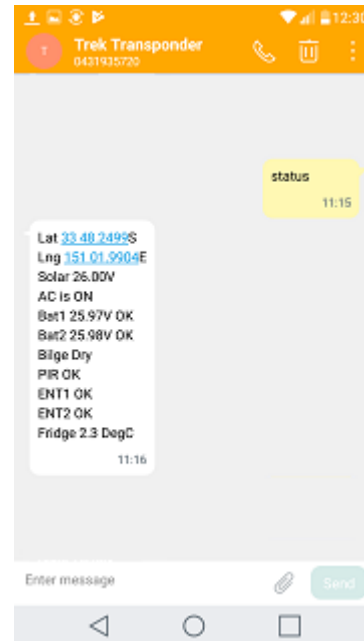
(Series 4 includes J100, E100, S100, SA100 and SM100)

TO FIND OUT WHATS HAPPENING ON YOUR BOAT

To find out what's happening on board your boat SMS the word **status** to Trek Transponder, after a short time you should get a reply similar to this.

What appears in the list will depend what model Trek Transponder you have and whether or not you have skipped any inputs you don't want to monitor.
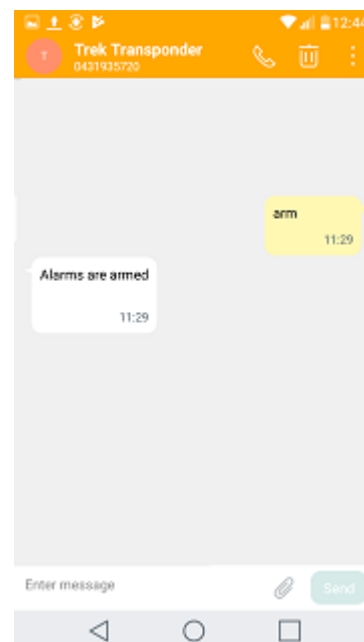

TO ARM / DISARM THE ALARM SYSTEM

To **arm** the Trek Transponder after you leave your boat so it will send alarms to you if your sensors detect problems SMS the word **arm** to the Trek Transponder and a short time later you should get a reply similar to this.

Any existing alarm conditions will be locked out at this time so make sure boat is secure before sending this command. (ie If a hatch is open at arm time it will be ignored).

If a security alarm is detected (depending on Trek Transponder model that will be from **PIR, PIR1, PIR2, ENT1, ENT2, ENT3** or **CAM** tamper circuits) the **AUTORELAY** will turn on for 10 minutes then switch off. The contacts of this relay is can be used for siren or lights.

Send **disarm** before you get onto boat to disarm the alarm system.

Remember Trek Transponder is not a substitute for proper boat maintenance and care it is an aid!
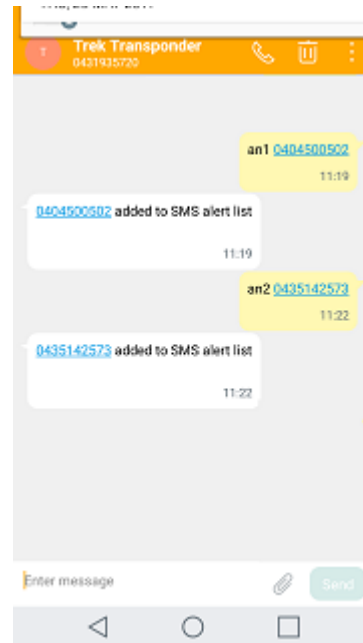
TO ADD NUMBERS FOR ALARM MESSAGES

The Trek Transponder can send alarm SMS messages to five different numbers as well as yours. To add more numbers that the alarm messages should go to use the **an1**, **an2**, **an3**, **an4** or **an5** command followed my the number you want to add. The example here shows how to add two numbers.

To remove a number use the respective **an1, an2, an3, an4** or **an5** command but substitute the word **clear** in place of phone number. For example to remove the phone number in position 2 SMS the command **an2 clear**.

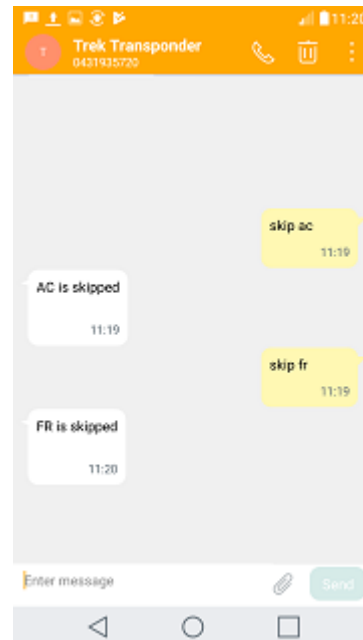To see what numbers are in your alert list send the command **an?**

TO OMIT SENSORS AND INPUTS YOU DONT WANT TO MONITOR

The Trek Transponder can skip inputs you don't want to use. For example on a mooring you might not want to monitor shore power so you can omit that by sending the SMS **skip ac**. You can skip any inputs you dont want to use the same way.

Abbreviations are used to make the SMS quicker to type. Depending on Trek Transponder model as well as ac you can skip **sol, bat1**, **bat2**, **bat3**, **bat4**, **bil**, **bil1**, **bil2**, **pir, pir1, pir2**, **ent1**, **ent2**, **ent3**, **cam1**, **cam2**, **fr**, **geo**, fi**x**, and **key**,

To re-include an input in monitoring use the same system but substitute the word **scan** in place of **skip**.

Slow or No Replies

The mobile SMS network sometimes exhibits delays especially in peak time such as late afternoon. If the Trek Transponder is in a poor signal area message reception and transmission may be impaired seemingly delayed. Check with **sig** (signal) command. If the Trek Transponder doesn't reply to an SMS – try calling its number to see if it rings. If it rings then check its SIM isn't out of credit. If the Trek Transponders SIM is out of credit it cant send messages to you. If it doesn't ring then the Trek Transponder maybe out of range, or a total power failure or system fault.

Some simple commands

loff	Turn off front panel LEDs
lon	Turn on front panel LEDs
sig	Check signal strength
r1on	Turn on manual relay 1
R1off	Turn off manual relay 1
sec	To check security inputs
bat	To check batteries and charging
an?	List numbers getting alarms
r?	To check if relays are on.