

**USER MANUAL**  
**SPY-TRACK****INDEX****S. No. FUNCTION**

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## **INTRODUCTION:**

*Dear Customer,*

*Congratulations on being the owner of this product which has been designed and manufactured to the highest automotive standards utilizing the latest technology for total reliability.*

*Vehicle tracker unit “**SPY-TRACK**” is a new remote vehicle security system with a host of comfort features. The “**SPY-TRACK**” enables you to communicate directly with your vehicle. Locate and/or immobilize the vehicle in real-time if the car is lost or robbed.*

*The possibility to interact with the system by means of short text message (SMS), gives the owner total management of the events concerning their vehicle. (i.e. it can also arm, disarm, speak to the car, and cut off fuel and ignition connection.*

*The **SPY-TRACK** addresses customer needs to the fullest by incorporating State of the Art Technology and Design of Automotive Standards accompanied with best after sales service and unparalleled network throughout India.*

*Please read this manual to get the full benefit of the system. We suggest you keep this manual at a secure place. It will be easier for you to find the information in the event of emergency to locate your vehicle at any unknown place, through remote control system. Your dealer will be pleased to clarify any queries, you may have with the system or its operation. Hope you derive as much pleasure in using it, as we have derived from developing it.*

*Yours Truly,  
MANAGING DIRECTOR.*

**CAUTION:** Availability of location name is dependent on mobile service provider. If the service provider is giving the name of locality in cell info display, **SPY-TRACK** will also show name of locality.

## **PACKAGING CONTENTS:**

Unpack the **SPY-TRACK** Box carefully, in the package you will find:

- Operation Manual -1 No.
- Vehicle Tracker Unit -1 No.
- Installation Guide -1 No.

\* Note -We suggest that you keep the packing material for future use.

## **RECOMMENDATION:**

We recommend that you keep this manual and your car documents together. It is important that you read the complete user manual for trouble free operation.

Although protected by a high level security system the installation of the security system is not an insurance against theft, it is only a step towards precaution. It is advisable and good practice to always take a series of precautions when the vehicle is left unattended.

## **PRECAUTIONS:**

While washing the engine, protect the **SPY-TRACK** by all suitable means from being struck directly by water jet or flow.

The GSM functionalities are dependent on the Network.

Postpaid/Prepaid SIM card can be used.

Pay special attention to the amount of remaining credit & expiry date of mobile connection in case of prepaid SIM card.

Do not remove SIM while the **SPY-TRACK** is in power-on condition.

## **SPY-TRACK UNIT FEATURES:**

1. High sensitive GPS chipset.
2. Combination of GPS, GSM/GPRS wireless network.
3. Durable and highly reliable GPS tracker.
4. Easy to install or hide in the vehicle to perform tracking.
5. Ideal application for vehicle tracking and equipment/assets monitoring.
6. External DC power supply.
7. Configuration can be done via SMS commands.
8. Real-time GSM/GPS location monitoring on SMS and website.
9. Real-time asset monitoring with related alerts.

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10. Generation of reports on web-site in html/xls format. Reports include drive/stop summary, Performance (based on speed), Detail (with time, date, latitude, longitude, speed).
11. Replay and analysis of trip logs.
12. Register the vehicle with user mobile number, no other number will work.
13. Deregister the vehicle with only user mobile number; no other number can be used to deregister from the system.
14. Location of the vehicle can be found at user defined interval, it can be set for 1 minute to 365 days. Location feature can be started /stopped by the user on the mobile.
15. Last five location of the vehicle can also be found..
16. Confirmation of command SMS will be received by the user, if any feature of the SPY-TRACK is activated or deactivated.
17. Easy installation and easy SMS commands.
18. If wrong SMS command sent by the user then, SPY-TRACK will delete SMS and send “SMS NOT ACCEPTED” to user mobile number.

#### **Hardware Description:**

- a. Power Requirement: 3.7V DC Battery Operated
- b. Normal operation temperature: -10 °C to +70 °C
- c. Restricted operation temperature: Above -10 °C and below +70 °C
- d. Storage temperature: -45°C to +90°C
- e. 34.Humidity: 5% to 95%

#### **SMS COMMANDS DESCRIPTION:**

1. **SYSSTARTZ** – This command is used to register the SPY-TRACK with Subscriber number. Now SPY-TRACK will respond to subscriber number only, no other phone number will work. Confirmation message “SYSTEM START HAS BEEN ACTIVATED” will be received by the registered number.
2. **SYSSTOPZ**- This command is used to stop the system with Subscriber number. (Now a new number can be registered with SPY-TRACK).
3. **RESET**- This command brings the SPY-TRACK on factory defaults, the subscriber name and all other stored information is deleted from SPY-TRACK. Conformation message “SYSTEM RESET COMPLETE” will be received by the registered number. System has to be started

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again.

4. **TRACKERSTART<xxxD>/<xxxH>/<xxxM>**- This command is used to start the SPY-TRACK for tracking of vehicle. SPY-TRACK will send location of the area to the subscriber number at a particular interval described by the subscriber.

### **Example 1– “TRACKERSTART001D”**

By sending the above command, SPY-TRACK will start tracking the location of Vehicle immediately. When location is found by the SPY-TRACK, it will send this location to subscriber number and the next location will come after one day exactly at same time and this sequence will continue. (In our example we mentioned 001D, here D stands for DAY, 001 for 1, meaning 1 day. Confirmation message “TRACKING START 001D HAS BEEN ACTIVATED” will be received by the user).

### **Example 2– “TRACKERSTART002H”**

By sending the above command, SPY-TRACK will start tracking the location of Vehicle immediately. When location is found by the SPY-TRACK, it will send this location to subscriber number and the next location will come after 2 hour and this sequence will continue. (In our example we mentioned 002H, here H stands for HOUR, 002 for 2, meaning 2 hours. Confirmation message “TRACKING START 002H HAS BEEN ACTIVATED” will be received by the user).

### **Example 3– “TRACKERSTART005M “**

By sending the above command, SPY-TRACK will start tracking the location of Vehicle immediately. When location is found by the SPY-TRACK, it will send this location to subscriber number and the next location will come after 5 minutes and this sequence will continue. (In our example we mentioned 005M, here M stands for MINUTE, 005 for 5, meaning 5 minutes. Confirmation message “TRACKING START 005M HAS BEEN ACTIVATED” will be received by the user).

**Note: The Tracking Timing May Vary Depending Upon The Network Congestion.**

5. **TRACKERSTOPZ** – SPY-TRACK will stop tracking the location of the vehicle. Confirmation message “TRACKER STOP HAS BEEN ACTIVATED” will be received.
6. **IMEI** - SPY-TRACK will display International Mobile Equipment Identity Number (15 Digits).
7. **GETTEMP**- Displays Temperature in °C (degree-Celsius) of vehicle.
8. **ALLOC** – SPY-TRACK will send previous locations of the vehicle and confirmation message “LOCATION < FOLLOWED BY LAST FIVE STORED BTS LOCATION>” will be received, SPY-TRACK will accept this command only in TRACKERSTART mode.
9. **#config::APN::username::password;** – This command is used to configure your GPRS account.

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APN (access point name) which is used to get to the GPRS gateway provided by network operator.

Username: for your GPRS account, username is provided by your by network operator or else put ABC.

Password: for your GPRS account, username is provided by your by network operator or else put ABC.

#### **Response SMS of this command-**

- i) If the SIM is not GPRS activated you will receive "GPRS not available on SIM card"
- ii) If APN settings do not match with your network operator or in case you have mistyped you will receive:
  - "GPRS Settings Invalid:"
  - "Your Inputs:"
  - "APN: XXX"
  - "Usr\_nm: XXX"
  - "Pwd: XXX"
  - "Pls confirm with n/w operator & resend"
- iii) If APN settings are working you will receive:
  - "GPRS configured successfully:"
  - "GPRS APN: XXX"
  - "GPRS USER NAME: XXX"
  - "GPRS PASSWORD: XXX"

17) **#config::?::?::;** - This command replies with GPRS APN, User Name and Password already saved.

#### **Response SMS of this command-**

- i) GPRS APN: XXX  
GPRS USERNAME: XXX  
GPRS PASSWORD: XXX
- ii) No GPRS\_APN, Usr\_nm, Pwd stored

18) Further response of **TRACKERSTART** in SPY-TRACK

In addition to the location you will receive the following information at the decided interval:

#### i. GPS DATA

Lat: XXX (It will tell you the latitude of the location)

Long: XXX (It will tell you the longitude of the location)

Speed: XXX (It will tell you the speed of the vehicle in KPH)

Date: XXX (It will tell you the date of this particular data)

Time: XXX (It will tell you the time of this particular data in IST)

19) To start live tracking on internet :

Send "**WEBSTART<xxxD/H/M/S>**" to SPY-TRACK, SPY-TRACK will send confirmation SMS and then start sending data to our web server.

- xxx means digits from 0-9
- D means DAYS (the system will accept from 1 to 365 days, it will reject less than 1

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day or more than 365 days)

- H means HOURS (the system will accept from 1 to 24 hours, it will reject less than 1 hour or more than 24 hours)
- M means MINUTES (the system will accept from 1 to 60 minutes, it will reject less than 1 minute or more than 60 minutes)
- S means Seconds (the system will only accept WEBSTART030S, it will reject any other value)

Example – when we send this command WEBSTART002M, SPY-TRACK will start sending the data to our web server at the given interval time.

**NOTE: Before first WEBSTART command it is mandatory to send #config command.**

### **Response SMS of this command-**

- a. If GPRS configuration (#config) is not send, you will receive  
“Pls send #config msg & resend “
- b. If GPRS configuration is already done, you will receive  
“Data sending to web started @XXX”

20) To Stop live tracking on internet

Send “**WEBSTOPZ**” to SPY-TRACK

### **Response SMS of this command-**

Data Sending to WEB Stopped

21) To get GPS data for one time

Send “**GETGPS**” to SPY-TRACK

### **Response SMS of this command-**

SPY-TRACK will send:

- i) If the GPS satellites are unreachable, you will receive “GPS NOT FOUND”
- ii) If the GPS satellites are reachable, you will receive  
GPS DATA  
Lat: XXX (It will tell you the latitude of the location)  
Long: XXX (It will tell you the longitude of the location)  
Speed: XXX (It will tell you the speed of the vehicle in KPH)  
Date: XXX (It will tell you the date of this particular data)  
Time: XXX (It will tell you the time of this particular data in IST)  
Imei: XXX(It will tell you International Mobile Equipment Identity Number)

To observe the exact location on Google map for a corresponding LAT – LONG, open

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www.maps.google .com, in the search bar enter the latitude and longitude coordinates separated with a comma (.). It will show you the location.

### 22) SLEEPON:

By default sleep mode is on. Sleep mode is used to deactivate data sending on GPRS when the vehicle is on a stand still for a particular time. As soon as the Vehicle starts moving again the SPY-TRACK will start sending data again. This mode is provided to save battery when the Vehicle is in stand still

#### **Response SMS of this command-**

Sleep on GPRS activated

### 23) SLEPOFF:

This command is used to disable SLEEPON mode

#### **Response SMS of this command-**

Sleep on GPRS De-activated

### 24) SYSSTATUS

<b>Response:</b>	GSM_ON – XXXM/D/H	GSM_OFF
	GPRS_ON – XXXM/D/H/S	GPRS_OFF
	Sleep_ON	Sleep_OFF
	SMS_nogprs_ON	SMS_nogprs_OFF
	GPRS_LOGS_ON	GPRS_LOGS_OFF

### 25) Alternate web tracking enable

**SMS::NOGPRS::ON** - Used to enable GPS data sending on SMS to SMS server when GPRS on SIM card on SIM Card is not working /available

#### **Response SMS of this command-**

SMS sending when GPRS not available enabled

### 26) Alternate web tracking disable

**SMS: :NOGPRS: :OFF**- Used to disable GPS data sensing on SMS to SMS server when GPRS on SIM Card is not working/available.

#### **Response SMS of this command-**

SMS sending when GPRS not available disabled

\* AVAILABLE IN SELECTIVE MODELS ONLY. FEATURES INDICATED ABOVE ARE OF HIGHEST MODEL.

### 27) PNS::a::b::c;

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a = 1 for PNS1

a = 2 for PNS2

b = 0 for alerting off

b = 1 for alerting on

c = +91xxxxxxxxxx

where xxxxxxxxxx is the mobile number to be stored.

\*\* User should prefix +91 before the mobile number for proper functioning.

➤ PNS1 -- Number stored for 1<sup>st</sup> Parallel number

➤ PNS2 -- Number stored for 2<sup>nd</sup> Parallel number

A copy of every SMS will be sent to the registered number for any event that needs to send an SMS.

SMS on events will only be sent to the PNS numbers if alerting feature is activated

Response of SMS will be sent to the registered number as well as to the sender (i.e. PNS1 or PNS2) as well as to the SMS number (i.e. PNS1 or PNS2) which is configured with alerting feature

All SMS will be accepted from all PNS stored numbers except SYSSTARTZ.

Alert calling on door open will only be on registered number (SYSSTARTZ number).

Incoming call acceptance from all three numbers: registered number and two PNS numbers

### **OPERATION MANUAL:**

Insert a SIM card in SPY-TRACK. Please remember the card number & assigned mobile number.

### **REGISTRATION MODE:**

Using your mobile phone send "SYSSTARTZ" SMS to SPY-TRACK, now your mobile phone is registered to SPY-TRACK. SPY-TRACK will not accept SMS from any other phone number.

### **DEREGISTRATION MODE:**

Using subscriber mobile phone send "RESET" SMS to SPY-TRACK, now SPY-TRACK will Reset itself to factory default. Working of the entire system stops after sending this command.

### **TRACKING MODE:**

#### **1) Start tracker**

Send "TRACKERSTART<xxx>D/H/M" to SPY-TRACK. SPY-TRACK will send confirmation SMS and then send location of the vehicle if found and next location will come after set interval.

- xxx means digits from 0-9
- D means DAYS (the system will accept from 1 to 365 days, it will reject less than 1 day or more than 365 days)

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## ATLANTA SYSTEMS VEHICLE TRACKER UNIT

- H means HOURS (the system will accept from 1 to 24 hours, it will reject less than 1 hour or more than 24 hours)
- M means MINUTES (the system will accept from 1 to 60 minutes, it will reject less than 1 minute or more than 60 minutes)

Example – when we send this command TRACKERSTART002M, SPY-TRACK will give first location immediately after receiving this SMS and next location will come after every 2 minutes (as we have wrote 002M) and this process will continue. You can program this tracker from minimum 1 minute to maximum 365 days, Default interval is for 60 minutes.

### 2) Stop tracker

Send “TRACKERSTOPZ” to SPY-TRACK. SPY-TRACK will stop sending location of the vehicle.

### 3) All location

Send “ALLOC” to SPY-TRACK to receive previous five locations of the vehicle. SPY-TRACK will accept this command only in TRACKERSTART mode.

## COMMAND LIST OF SPY-TRACK:

Sl. No.	Commands	Response from SPYTRACK	Discription	Examples
1	SYSSTARTZ	SYSTEM START HAS BEEN ACTIVATED	To start the system	SYSSTARTZ
2	SYSSTOPZ	SYSTEM STOP HAS BEEN ACTIVATED	To stop the system	SYSSTOPZ
3	IMEI	1234567.....	Get 15 digit IMEI number of the system	IMEI
4	VERSION	VERSION XX_XX_XX	To get the	VERSION

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5	GETGPS	GPS DATA Lat: XXXXXX(latitude of location) Long: XXXXXX(longitude of location) Speed: XXXX(Speed of device/vehicle) Date: XXXXXX(Date of this data) Time: XXXXXX(Time of this data) Imei: XXXXXXXXXX(IMEI number of device)	device version Get present location information of the Device/ Vehicle	GETGPS
6	#config::APN::username:: Password;	GPRS configured successfully GPRS APN: XXXX GPRS USER NAME:XXXXXXXX GPRS PASSEORD:XXXXXXXX	Configuring the GPRS settings, APN depends on the network provider	#config::internet::abc:: 12345; (For idea network in India) >for airtel network in india the APN is Airtelgprs.com
7	#config?	GPRS APN: XXXX GPRS USER NAME:XXXXXXXX GPRS PASSEORD:XXXXXXXX	To get present GPRS settings of the device	#config?
8	WEBSTARTXXXD/H/M	Data sending to web started@xxxD/H/M	To Set interval for sending data through GPRS (D-day, H-hours, M-minutes)	WEBSTART001D-for one day/ WEBSTART001H –for one hour/ WEBSTART001M –for one minute
9	WEBSTOPZ	Data sending to web stoped	To Stop GPRS tracking	WEBSTOPZ
10	SLEEPOFF	Sleep on GPRS De-activated	To send Data even if the vehicle is stop	SLEEPOFF
11	SLEEPON	Sleep on GPRS activated	To stop GPRS when the vehicle is stop(Default)	SLEEPON
12	TRACKERSTARTXXXD/H/M	A) TRACKING START XXXD/H/M HAS BEEN ACTIVATED B) GPS LOCATION	To activate GSM tracking intervals	TRACKERSTART001D – for one day TRACKERSTART001H – for one hour TRACKERSTART001M – for one minutes
13	TRACKERSTOPZ	TRACKING STOP HAS BEEN ACTIVATED	To stop GSM tracking	TRACKERSTOPZ
14	ALLOC	LOCATION<FOLLOWED BY LAST FIVE STORED LOCATION>	To get stored locations if GSM tracking is enabled	ALLOC
15	SMS::NOGPRS::ON	SMS sending when gprs	To enable SMS	SMS::NOGPRS::ON

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**ATLANTA SYSTEMS VEHICLE TRACKER UNIT**

		not available enable d	sending when GPRS not available	
16	SMS::NOGPRS::OFF	SMS sending when gprs not available disabled	To disable SMS sending when GPRS not available	SMS::NOGPRS::OFF
17	SETODO::XXX;	Odometer set to XXX	To Set present odometer reading of vehicle	SETODO::1234;  1234 is the present reading on odometer of the vehicle
18	SETODO?	Odometer reading: XXX	To check present odometer reading	SETODO?
19	GSENSE	Status of Gsensor, Vehicle(in motion or not), sleep status	To check Gsensor and vehicle status	GSENSE
20	GETTEMP	Temperature:xx Celsius	To get present temperature	GETTEMP
21	PNS::X::Y::+XXXXXXXX;**	NUMBER STORED PNS::X::+XXXXXXXX::Y;	To add extra number to control device	PNS::1::1::+123456789;**
22	PNS?	NUMBER STORED PNS::X::+XXXXXXXX::X;	To check the stored numbers	PNS?
23	SYSSTATUS	GSM_OFF / GSM_ON-XXXX/H/M GPRS_OFF/ GPRS_ON-XXXX/H/M SLEEP_OFF/ SLEEP_ON SMS_nogprs_ON/ SMS_nogprs_OFF	Present system status	SYSSTATUS
24	RESET	SYSSTEM RESET COMPLETE	To reset the system	RESET

\*\*PNS::X::Y::+XXXXXXXXXXXX;

X=1 for first number, X=2 for second number

Y=1 for spy track

XXXXXXXXXXXX -is the mobile phone number

NB: Maximum two extra mobile numbers can add to control the device.

Eg: 1. PNS::1::1::+1234567890: -TO add the first additional mobile number.

Eg:2. PNS::2::1::+9876543210: -To add the second additional mobile number

**COMMAND and RESPONSE SMS:**

Sl.	Commands	Response from	Discription	Examples
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No.		SPYTRACK		
1	SYSSTARTZ	SYSTEM START HAS BEEN ACTIVATED	To start the system	SYSSTARTZ
2	SYSSTOPZ	SYSTEM STOP HAS BEEN ACTIVATED	To stop the system	SYSSTOPZ
3	IMEI	1234567.....	Get 15 digit IMEI number of the system	IMEI
4	VERSION	VERSION XX_XX_XX	To get the device version	VERSION
5	GETGPS	GPS DATA Lat: XXXXXX(latitude of location) Long: XXXXXX(longitude of location) Speed: XXXX(Speed of device/vehicle) Date: XXXXXX(Date of this data) Time: XXXXXX(Time of this data) Imei: XXXXXXXXXXXX(IMEI number of device)	Get present location information of the Device/ Vehicle	GETGPS
6	#config::APN::username:: Password;	GPRS configured successfully GPRS APN: XXXX GPRS USER NAME:XXXXXX GPRS PASSEORD:XXXXXX	Configuring the GPRS settings, APN depends on the network provider	#config::internet::abc:: 12345; (For idea network in India) >for airtel network in india the APN is Airtelgprs.com
7	#config?	GPRS APN: XXXX GPRS USER NAME:XXXXXX GPRS PASSEORD:XXXXXX	To get present GPRS settings of the device	#config?
8	WEBSTARTXXXD/H/M	Data sending to web started@xxxD/H/M	To Set interval for sending data through GPRS (D-day, H-hours, M-minutes)	WEBSTART001D-for one day/ WEBSTART001H -for one hour/ WEBSTART001M -for one minute
9	WEBSTOPZ	Data sending to web stoped	To Stop GPRS tracking	WEBSTOPZ
10	SLEEPOFF	Sleep on GPRS De-activated	To send Data even if the vehicle is stop	SLEEPOFF
11	SLEEPON	Sleep on GPRS activated	To stop GPRS when the vehicle is stop(Default)	SLEEPON

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12	TRACKERSTARTXXXD/H/M	C) TRACKING START XXXD/H/M HAS BEEN ACTIVATED D) GPS LOCATION	To activate GSM tracking intervals	TRACKERSTART001D – for one day TRACKERSTART001H – for one hour TRACKERSTART001M – for one minutes
13	TRACKERSTOPZ	TRACKING STOP HAS BEEN ACTIVATED	To stop GSM tracking	TRACKERSTOPZ
14	ALLOC	LOCATION<FOLLOWED BY LAST FIVE STORED LOCATION>	To get stored locations if GSM tracking is enabled	ALLOC
15	SMS::NOGPRS::ON	SMS sending when gprs not available enable d	To enable SMS sending when GPRS not available	SMS::NOGPRS::ON
16	SMS::NOGPRS::OFF	SMS sending when gprs not available disabled	To disable SMS sending when GPRS not available	SMS::NOGPRS::OFF
17	SETODO::XXX;	Odometer set to XXX	To Set present odometer reading of vehicle	SETODO::1234;  1234 is the present reading on odometer of the vehicle
18	SETODO?	Odometer reading: XXX	To check present odometer reading	SETODO?
19	GSENSE	Status of Gsensor, Vehicle(in motion or not), sleep status	To check Gsensor and vehicle status	GSENSE
20	GETTEMP	Temperature:xx Celsius	To get present temperature	GETTEMP
21	PNS::X::Y::+xxxxxxxx,**	NUMBER STORED PNS::X::+xxxxxxxx::Y;	To add extra number to control device	PNS::1::1::+123456789,**
22	PNS?	NUMBER STORED PNS::X::+xxxxxxxx::X;	To check the stored numbers	PNS?
23	SYSSTATUS	GSM_OFF / GSM_ON- XXXD/H/M GPRS_OFF/ GPRS_ON- XXXXD/H/M SLEEP_OFF/ SLEEP_ON SMS_nogprs_ON/ SMS_nogprs_OFF	Present system status	SYSSTATUS
24	RESET	SYSSTEM RESET COMPLETE	To reset the system	RESET

\*\*PNS::X::Y::+XXXXXXXXXX;

X=1 for first number, X=2 for second number

Y=1 for spy track

XXXXXXXXXX -is the mobile phone number

NB: Maximum two extra mobile numbers can add to control the device.

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Eg: 1. PNS::1::1::+1234567890: -TO add the first additional mobile number.

Eg:2. PNS::2::1::+9876543210: -To add the second additional mobile number

### TROUBLE SHOOTING:

S.NO	SCENARIO	IN	SEND SMS	TROUBLE SHOOTING
1.	Unexpected error:		“UNEXPECTED ERROR”	If you receive unexpected error message, then sensing, tracking, vehicle control needs to be reactivated.
2.	Send previous message:		“SEND PREVIOUS MESSAGE”	Resend the previous command.
3.	SMS not accepted :		“SMS NOT ACCEPTED”	There may be some spelling mistake in the command or the command may be invalid. Please recheck the command phrase and resend.
4.	No response from SPY-TRACK:			<ul style="list-style-type: none"><li>• Check your balance in case of Pre Paid connection.</li><li>• Check the network status. (No or weak network connection could be the reason)</li><li>• Resend the desired commands again.</li><li>• Reset the SPY-TRACK.</li></ul>
5.	SMS is not received:			Please check the network status.
6.	Location identification is in progress			SPY-TRACK is fetching the GSM location from the cell tower..
7.	Invalid GPRS Settings		Invalid GPRS Settings	Try resending the command Check with the network operator.

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