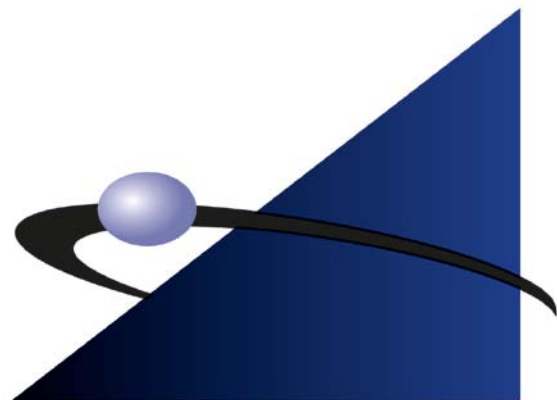




SATELLITE MENSAJERO SPOT



SERVSAT

DISTRIBUIDOR AUTORIZADO



WHAT IS SPOT?

- Handheld satellite communication and safety device.



HOW SPOTS WORKS

- Spot gets your GPS location.
- Spot sends your message via the satellite network.



YOUR SPOT MESSAGES

Messages are received by family and friends on cell phone or by email.

Track your progress on Google Maps™ and share with friends.

Function: SPOT PROGRESS / TRACKING PROGRESS

Once activated, SPOT acquires and sends your GPS coordinates to your SPOT account every 10 minutes. Anyone with access to your account information can log on and view your route, complete with virtual views provided by Google Maps™. To continue tracking on longer journeys, the SPOT castingSM function must be re-activated every 24 hours.

IMPORTANT NOTE:

Unlimited Track Progress usage is an affordable option to the low-cost SPOT service plan.

SPOT is designed for maximum reliability. Spot performs a self-diagnostic test each time it is powered on. Additionally, Spot strongly recommends that you send and verify an OK/Check message each time before use. This allows you to evaluate your entire messaging system, from the operational condition of the messenger to the readiness of those you've chosen to notify of your messages.

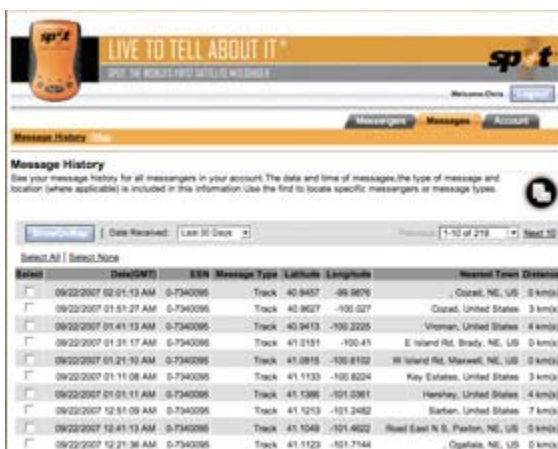
Power:

SPOT has a separate power button to ensure long battery life and to help avoid sending messages accidentally. To turn SPOT on, press the ON/OFF button. You must then wait an additional 2 seconds before activating any SPOT function. When power is on, the indicator light will blink once every 3 seconds. This is also helpful for making SPOT more visible in the dark. To turn SPOT off, press and hold the ON/OFF button for 3 seconds.

SPOTcastingSM sends a message to your account every 10 minutes, allowing friends and family the ability to log on and track your progress in real time.

By selecting the desired "Track" messages in your account log and clicking "Show On Map," your entire route can be displayed through Google Maps™. You can then share your adventure with friends and family by using the **new share feature**

HOW IT WORKS:



Select All	Select None	Date/Time	SN	Message Type	Latitude	Longitude	Name	Distance
<input type="checkbox"/>		09/22/2007 02:01:13 AM	0-7340096	Track	40.9457	-96.9876	Corral, NE, US	3 km(s)
<input type="checkbox"/>		09/22/2007 01:51:27 AM	0-7340096	Track	40.9627	-93.027	Corral, United States	3 km(s)
<input type="checkbox"/>		09/22/2007 01:41:13 AM	0-7340096	Track	40.9413	-93.2205	Yorban, United States	4 km(s)
<input type="checkbox"/>		09/22/2007 01:31:17 AM	0-7340096	Track	41.0151	-93.41	E Island Rd, Brady, NE, US	0 km(s)
<input type="checkbox"/>		09/22/2007 01:21:10 AM	0-7340096	Track	41.0815	-93.6102	W Island Rd, Maxwell, NE, US	0 km(s)
<input type="checkbox"/>		09/22/2007 01:11:08 AM	0-7340096	Track	41.1133	-93.6204	Key Estates, United States	3 km(s)
<input type="checkbox"/>		09/22/2007 01:01:11 AM	0-7340096	Track	41.1386	-93.6361	Hanshey, United States	4 km(s)
<input type="checkbox"/>		09/22/2007 12:51:09 AM	0-7340096	Track	41.1213	-93.2482	Barban, United States	7 km(s)
<input type="checkbox"/>		09/22/2007 12:41:13 AM	0-7340096	Track	41.1549	-93.4622	Road East N. S. Paxton, NE, US	5 km(s)
<input type="checkbox"/>		09/22/2007 12:21:38 AM	0-7340096	Track	41.1123	-93.7144	Opafala, NE, US	0 km(s)



Function: CHECK IN

Also known as spotchecking, allows you to let your spotteam –the friends and family you have chosen as your contacts- know that all is well, notify them of your location , or save waypoints so you review them at a later time.

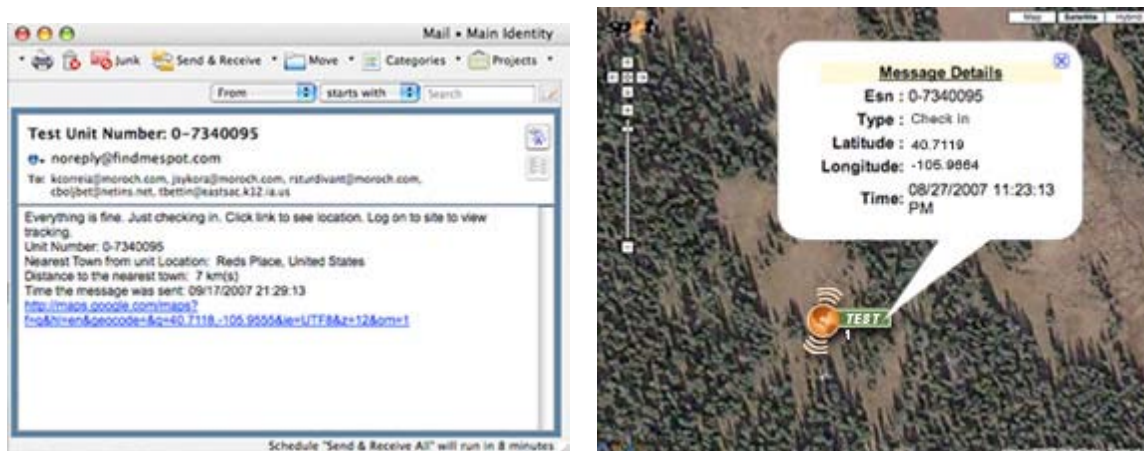
When you press the OK button, SPOT acquires your location from the GPS network and routes it through the SPOT satellite network. Your contacts receive either an SMS text message on their mobile phone with your message and coordinates, or an email with your message and a link to Google Maps™ showing your location.

Once you have activated your SPOT account, you can change your contacts and customize your SPOTcheckingSM message at any time.

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POWER:

SPOT has a separate power button to ensure long battery life and to help avoid sending messages accidentally. To turn SPOT on, press the ON/OFF button. You must then wait an additional 2 seconds before activating any SPOT function. When power is on, the indicator light will blink once every 3 seconds. This is also helpful for making SPOT more visible in the dark. To turn SPOT off, press and hold the ON/OFF button for 3 seconds.



An example of a SPOTcheckingSM message received via email by a SPOT user's personal contact. Message is customizable.

By clicking on the link provided in a SPOTcheckingSM email, your personal contacts are shown your location via Google Maps™.

SPOT: QUESTIONS AND ANSWERS

1. **Can the tracking interval be adjusted?**
No. The interval between messages for tracking is fixed at 10 minutes. It cannot be changed.
2. **How do I know if my SPOT is working?**
You will know if SPOT is working when the lights, OK and ON/OFF are blinking together, in unison.
3. **What type of antenna is inside SPOT? Patch or Helix?**
SPOT has a patch antenna because it provides better wide range coverage than a helix. The antenna is located under the SPOT logo, and performs best when the SPOT logo is pointed straight up parallel to the sky.
4. **What is the FCC ID number for SPOT?**
L2V-PT1
5. **What do the green blinking lights mean?**
When the lights blink in unison, the unit has a GPS fix. When they blink alternately, move a position with broader exposure to open sky. If you have had 180 degrees of open sky for 20 minutes or longer and your lights are blinking out of sync, your GPS ch ...
6. **What does it mean if the lights, OK and ON/OFF are not blinking together?**
If the lights are not blinking in unison, it means that SPOT did not acquire its GPS location. Move SPOT to an area with a larger view of the sky, if possible. SPOT will attempt to send a 9-1-1 or HELP distress signal even without GPS.
7. **Why am I not getting my email and/or SMS messages?**
SPOT sends messages to your contacts when the HELP or OK buttons are pressed on an active unit with a clear view to the sky. There could be several reasons for this: Make sure you have activated SPOT at www.findmespot.com. Make sure SPOT is powered on before using it.
8. **Can I send a message to a landline phone?**
No. Only mobile phones that accept text messages or email are able to receive HELP and OK messages from the SPOT service.
9. **How quickly will a message go out after pushing a button?**
Once you have acquired a GPS fix, messages typically send out to their destination in 2 to 5 minutes. Please keep in mind that even when the SPOT system sends messages, message delivery is dependent on the status of your providers SMS and email networks.
10. **Where can I see SPOT's Worldwide Coverage Map?**
Here is a link to SPOT's Worldwide Coverage Map: <http://findmespot.com/en/index.php?cid=1200>
SPOT works around the world, including virtually all of the continental United States, Canada, Mexico, Europe and Australia, portions of South America, Northern Africa.
11. **Is track spacing dependent upon location in the world?**
No. The spacing between track messages does not change based upon your location in the world. All SPOT messengers use a 10 minute tracking interval. Satellite service is wireless and requires a clear line of sight toward the satellite; therefore, the service will be clear.

12. **[Are there different models or generations of hardware/software? Or are all units the same?](#)**
There is only one version of the SPOT unit. Periodically there are "software" releases that enhance the login experience and the web capabilities of SPOT on <https://login.findmespot.com>.
13. **[How much does the SPOT device weigh?](#)**
The SPOT device weighs 209 g.
14. **[How should SPOT be positioned for best accuracy and results?](#)**
The SPOT patch antenna lies directly under the SPOT logo. For best results, position the unit so SPOT is facing up towards the sky in a horizontal position with a full view of the sky. For tracking, try securing your SPOT on top of the shoulder strap.
15. **[Will my messages send if I do not have a GPS fix?](#)**
Help and 911 messages will transmit without a GPS fix, but OK and Tracking messages will not. Help and 911 messages were designed to transmit, even if not containing a GPS location.
16. **[Which lithium batteries are required for the SPOT unit?](#)**
The SPOT device operates with Energizer 1.5V non-rechargeable size AA lithium batteries. Any other brand of AA lithium will be rechargeable and high voltage, which will damage the unit.
17. **[Is SPOT water resistant?](#)**
SPOT has been designed and tested to survive the harshest environments. That includes water, which means that SPOT is water resistant and it will float (not always right side up). SPOT is tested to IP69 which is the most stringent test for water resistant.
18. **[What type of battery life should I expect from my SPOT?](#)**
Under normal usage, a SPOT Messenger with fully charged required lithium batteries should meet or exceed the following: Power ON, unused: Approximately 1 year Tracking mode: Approximately 14 days 9-1-1 mode: Up to 7 consecutive days HELP mode: Up to 1900 messages.
19. **[Can the unit be plugged in to an external power source?](#)**
No. The SPOT device operates with Energizer 1.5V non-rechargeable size AA lithium batteries. Any other brand of AA lithium will be rechargeable and high voltage, which will damage the unit.
20. **[I've lost my SPOT user manual. Where can I see it online?](#)**
You can print the North American English User Guide by going here and clicking on User Guide.
21. **[My SPOT device does not work properly near airports or when I have another GPS device close by.](#)**
SPOT accepts interference from other electronic devices and should not be used in proximity to anything that generates strong electrical fields such as airports, radio towers, other GPS devices, etc.
22. **[Is there a quick reference guide for using SPOT in the field?](#)**
This is a quick reference guide that we like to keep handy during an adventure: First use: turn SPOT on, press the OK button and let cycle for 20 min Tracking: Turn unit on, hold OK button for longer than 5 seconds .
23. **[Which Commercial Satellite Network does SPOT use?](#)**
SPOT uses the Globalstar simplex data network to transmit messages. This is a proven data network that is also supporting tens of thousands of commercial and industrial data modems sending millions of messages each month for asset tracking and remote management.

24. **What type of satellite network does SPOT use?**
SPOT uses a commercial LEO (Low Earth Orbit) satellite constellation.
25. **What features on SPOT can be in use at the same time?**
Help and 911 may be activated at the same time OK messages may not be used in conjunction with any other feature. If you wish to activate Tracking, you must either wait for the OK cycle to complete or cancel it by turning the unit off and back on.
26. **Is SPOT safe to use by someone with a pacemaker?**
Yes, SPOT is as safe to use as a cell phone.
27. **What format are the long/lat coordinates? Can they be sent in other formats?**
The format used is WGS84. The product developers are aware of interest in other Long/Lat formats and are reviewing the possibility of implementation.
28. **On what frequency does SPOT transmit?**
SPOT transmits on the 1.6 Ghz frequency.
29. **How far should other GPS devices be from SPOT to prevent signal interference?**
Other devices should be at least 12 inches from SPOT to prevent distortion of GPS coordinates and interference with message transmission.
30. **Is the tracking capability of SPOT limited if carried inside a backpack? Should it always be carried on the outside of my gear?**
Since SPOT is a satellite-based product it needs to see the sky to operate reliably. Having SPOT in a top pocket where it still faces the sky and is only obstructed by things such as a mesh layer or a thin layer of fabric is fine.