

**SPOT** SATELLITE  
GPS  
MESSENGER

**USER'S GUIDE**



GPS SATELLITE SYSTEM



1

COMMERCIAL SATELLITE SYSTEM



3

INTERNET (EMAIL)



CELL PHONES (SMS)



5

EMERGENCY RESPONSE CENTER



SPOT MESSENGER

2



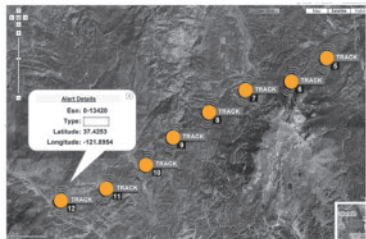
ANTENNAS

4



## HOW SPOT WORKS

- 1 GPS satellites provide signals.
- 2 The SPOT onboard GPS chip determines your GPS location and sends your location and preselected message to communication satellites.
- 3 Communication satellites relay your message to specific satellite antennas around the world.
- 4 Satellite antennas and a global network route your location and message to the appropriate network.
- 5 Your location and messages are delivered according to your instructions via email, text message, or emergency notification to the GEOS Rescue Coordination Center.



Google

Powered by Google Maps™

When SPOT sends a text or email message to one of your contacts or to the GEOS Rescue Coordination Center, it includes your GPS coordinates and a web link to view your location using Google Maps™.

## SECTION 1: WELCOME

Life is full of adventures. Now you have a way to share yours and be prepared wherever you roam. You have just purchased the best peace of mind available for the active outdoor adventurer or smartly-prepared individual. SPOT is the world's first satellite messenger. SPOT uses the GPS satellite system to determine your location and global communication satellites to transmit that information to your chosen contacts.

### SPOT GIVES YOU AND YOUR LOVED ONES PEACE OF MIND BY ALLOWING YOU TO:

- Notify them or the GEOS International Emergency Rescue Coordination Center of your GPS location.
- Send for assistance in time of need around the world.
- Be completely independent of mobile phone or other land-based radio coverage.

To begin using SPOT, we recommend you spend a few minutes reading through this User's Guide, then visit [findmespot.com](http://findmespot.com) to learn more about SPOT, select a service plan and activate your SPOT Satellite GPS Messenger.

## SECTION 2: GETTING STARTED

Before you start, here are a few important things to remember to get maximum reliability from SPOT:

- 1 SPOT needs a clear view of the sky to obtain a GPS signal**  
and provide the most accurate location information.  
It is not reliable indoors, in a cave, or in very dense woods.
- 2 Orienting SPOT so that the SPOT logo is facing up toward the sky**  
will improve performance as the antenna is located under the logo.
- 3 Keep the Messenger at least 12 inches away from other GPS devices**  
as SPOT can interfere with signal reception of other GPS devices.

## SERVICE ACTIVATION

SPOT activation requires a combination of hardware and online steps, outlined below. Complete all steps in each row before moving on.

### WITH YOUR SPOT SATELLITE GPS MESSENGER

#### WHAT YOU NEED:

- SPOT
- 3 AAA Lithium Batteries (included)
- User's Guide

#### INSTALL THE INCLUDED BATTERIES:

- 1) Loosen 2 screws holding the battery cover in place
- 2) Write down the ESN and Authorization code for use during service activation.
- 3) Install AAA lithium batteries as shown
- 4) Replace cover, then tighten screws with a screwdriver or coin. It is important that you tighten the battery cover to keep SPOT waterproof.

### AT FINDMESPOT.COM

#### WHAT YOU NEED:

- Personal information
- Emergency Contact information
- SMS (Text) and e-mail contacts for messaging
- Credit card information
- SPOT electronic serial number (ESN) and authorization code. These codes are located inside the battery compartment.

#### ACCOUNT SETUP:

- 1) Log onto [www.findmespot.com](http://www.findmespot.com), choose your country or language, and select the SPOT Account tab. Click the Activate link.
- 2) Follow the online instructions to choose a service plan and activate your SPOT.
- 3) Select additional services, such as Track Progress.
- 4) When entering contact information, add your own email or phone number to the Check-In/OK contact list for use in the system test.

## **INITIAL SYSTEM TEST:**

Perform an initial system test to evaluate your entire messaging system, from the operational condition of the SPOT to the readiness of those you've chosen to receive your messages.

- 1) Go outside to where SPOT has a clear view of the sky in all directions.
- 2) Press and hold the ON/OFF button until the function light blinks green.
- 3) Press and hold the Check-In/OK button until the function light blinks green.
- 4) Leave SPOT outdoors. The GPS indicator light blinks green as SPOT acquires a GPS fix. Once SPOT acquires your GPS location, the Message Sending light and GPS light will blink green in unison for ~15 seconds to notify you that your message is being transmitted with GPS location. The Message Sending light will continue to blink green over the remainder of the 20 minute message cycle and for one (1) hour after the end of the message cycle (this is to provide you with additional time to check if your most recent message was transmitted). The Check-In/OK function light will turn off once the message cycle is complete.
- 5) Verify that the message was received in the email or SMS account(s) that you set up during activation in your Check-In/OK contact list.
- 6) You can also view your messages in your account at [findmespot.com](http://findmespot.com)

If the GPS light blinks red, SPOT does not have a clear view of the GPS satellites and you must move to an area with a clearer view of the sky for proper operation. Then repeat steps 2 through 5. You can update the names and contact information anytime via your account on the SPOT website. Leave your personal contact information as one of the contacts for future system testing and GPS Acquisition before each trip.



### ASK FOR HELP/ SPOTAssist

Request help from your friends and family at your GPS location. Or ask for help from professional assistance organizations instead of friends and family.



### CHECK-IN/OK

Let contacts know where you are and that you're okay with a pre-programmed message.



### CUSTOM MESSAGE

Let contacts know where you are and send a pre-programmed message.



### TRACK PROGRESS

Automatically send and save your location and allow contacts to track your progress using Google Maps™.



### SOS

Alert emergency responders to your GPS location.

## MESSAGE FUNCTIONS



## SECTION 3: USING SPOT

### POWER



To turn SPOT on simply press and hold the ON/OFF button until the button blinks green. SPOT performs a self-diagnostic test. When power is ON, the button will blink green every 3 seconds. This is helpful for making SPOT more visible in the dark. To turn SPOT off, press and hold the ON/OFF button until the light stops blinking.

### LIGHT INDICATORS

SPOT uses lights to tell you what it's doing. Take a moment to become familiar with these lights.

### FUNCTION LIGHTS

Each button has a backlight that blinks when that button is active. To activate (or if applicable, cancel) any function, you must press and hold the button until the function light starts blinking (approximately 3 seconds).



### GPS LIGHT

The GPS light notifies you whether SPOT is able to see the GPS satellites and obtain your GPS location.

- Green – The GPS light blinks green while SPOT sees the GPS satellites and is looking for a GPS location. Once the GPS location is obtained, the GPS light and Message Sending light blink green approximately 15 seconds to notify you that your message was sent with your GPS location.
- Red – The GPS light blinks red if SPOT doesn't see the GPS satellites and/or can't find your GPS location. You should move to a location with a clearer view of the sky.



## MESSAGE SENDING LIGHT

The Message Sending light notifies you whether or not your most recent message was transmitted.

- Green – The Message Sending light blinks green after SPOT transmits the most recent message.
- Red – The Message Sending light blinks red if SPOT didn't send the most recent message.

The Message Sending Light will continue to blink as appropriate for each function – until the next scheduled message (Track Progress, Help, SOS) and/or until one (1) hour after the message cycle is complete (Check-In/OK, Custom Message, Track Progress, Help).

## SELF TEST

SPOT performs a self-test when you initially turn on your SPOT. If all visible lights flash red, the SPOT self-test has found a failure, and SPOT will not send a message.

If the On/Off light, GPS light and Message Sending light all blink red, SPOT has a GPS failure, but SPOT may still be able to transmit an SOS or HELP message without your GPS location. Visit [www.spotwarranty.com](http://www.spotwarranty.com).

## GPS PERFORMANCE

SPOT uses an advanced GPS chipset with extremely high sensitivity to give you maximum performance. While the SPOT message transmitter is also very high quality, there may be times when SPOT will have a GPS signal, but the message won't be able to reach the satellites due to environmental blockage. Make sure that you have a clear view of the sky at all times.

## KEEPING YOUR CONTACTS IN TOUCH

Up to 10 contacts can be added for receipt of your Check-In/OK, Custom Message and Help messages, and you can update these at any time on the website by logging in to your account. You can specify any combination of text/SMS messages or email for the contacts.

SOS messages will go to the GEOS Rescue Coordination Center. In the event of an SOS message, GEOS will attempt to contact your primary and secondary SOS contacts. These contacts are required to activate the account. You can change these at any time under the SOS section at [findmespot.com](http://findmespot.com). Changing your other contacts will not change your contacts for SOS.

In some regions, you may choose to send your Help messages to SPOT Assist service providers instead of friends and family. With this option, you will also need to identify a primary and secondary SPOT Assist contact, this may be the same or different as your SOS contacts. The recommendation is to use your mobile phone as your SPOT Assist primary contact, and someone not traveling with you, with knowledge of your itinerary, as your SPOT Assist secondary contact.

## ADDITIONAL SERVICES

At [www.findmespot.com](http://www.findmespot.com) you can also purchase additional service options, such as Track Progress, which allows you to automatically track your progress as you travel, or the GEOS Alliance Global Search and Rescue Member Benefit. In some regions you can also purchase access to enhanced services such as product replacement services, SPOT Assist for roadside or boating, or other valuable options.

To learn more, visit [www.findmespot.com](http://www.findmespot.com).

Spot, LLC ([www.findmespot.com](http://www.findmespot.com)) is not affiliated with Spot Image ([www.spotimage.com](http://www.spotimage.com)).

## CHECK-IN/OK AND CUSTOM MESSAGE



Let your contacts know where you are and how you're doing; or mark a single waypoint to review later. Your contacts will receive SMS/text or email messages with a link to Google Maps™ showing your GPS location.

Check-In/OK and Custom Message functions work the same way. This gives you the flexibility to send different messages to different contacts, or tailor messages for a specific purpose such as arranging pick-up at the end of your adventure.

### MESSAGE CYCLE

SPOT will send your message and GPS location to the SPOT network three times over 20 minutes for maximum reliability (only one email or SMS/text message will actually be sent to your contacts). If SPOT cannot get a GPS signal, it will not send your Check-In/OK or Custom Message.

### USING THE CHECK-IN/OK OR CUSTOM MESSAGE FUNCTION

Press and hold the Check-In/OK or Custom Message button until the function button blinks green. The GPS light will blink green when SPOT sees the GPS satellites and continue while obtaining your GPS location.

Once your GPS location is obtained, SPOT sends your message and GPS location. The GPS light and Message Sending light will both blink green for approximately 15 seconds. The Message Sending light continues to blink green after it transmits the most recent message and for one (1) hour after the end of the message cycle. Let SPOT work until the end of the message cycle when the Check-In/OK or Custom Message light stops blinking.

If no GPS signal is found, the GPS light will blink red. You should move to a location with a clearer view of the sky. SPOT will keep looking for your GPS location for up to 15 minutes.

If no GPS location is found in 15 minutes, SPOT does not send your message. To try again, simply press and hold the function button. The Message Sending Light will blink red for one (1) hour after completion of the message cycle to notify you that your message was not transmitted.

The Message Sending light continues to blink for one (1) hour after the end of the message cycle to give you additional time to verify the status of your Check-In/OK or Custom Message. In a hurry? You can dismiss the light by activating any other function or turning SPOT off and then on.

### **TO CANCEL**

You cannot cancel a Check-In/OK or Custom Message, but you can stop any unsent messages by turning SPOT off at any time, or by pressing any other function button.

Unsent messages are automatically disabled when you activate SOS, Help or Track Progress.

### **HOW SPOT PRIORITIZES CHECK-IN/OK AND CUSTOM MESSAGES**

Check-In/OK and Custom Messages are the lowest priority SPOT messages – if you press the Help, Track Progress, or SOS buttons while in Check-In/OK or Custom Message modes, SPOT will cancel any unsent Check-In/OK or Custom Messages and begin sending Help, Track Progress or SOS messages.

### **QUICK CHECK**

You can send a Check-In/OK or Custom Message while you're in Tracking. If Tracking is active, it will be suspended long enough to send the Check-In/OK or Custom Message, then resume once the Check-In/OK or Custom Message cycle is complete. This lets you easily update your contacts of your whereabouts while in tracking. For example, if you'd like to send an "okay" message at the start of a trip to let your friends know to follow your whereabouts on SPOT Adventures, [www.spotadventures.com](http://www.spotadventures.com), simply start Track Progress, then press "Check-In/OK". SPOT will send a Check-In/OK message then continue tracking.

## ASK FOR HELP / SPOT ASSIST



For non-life threatening situations, ask for help from friends and family or professional assistance providers using SPOT Assist. Your friends and family will receive SMS/text or email messages with a link to Google Maps™ showing your GPS location. SPOT Assist service partners will receive your SPOT Assist message and current GPS location.

### MESSAGE CYCLE

SPOT will send your message and current GPS location every 5 minutes for an hour for redundancy and overall reliability. If SPOT cannot get a GPS signal, it will still attempt to send your message—without a GPS location.

### USING THE HELP FUNCTION

Press and hold the HELP button until the function button blinks green. The GPS light will blink green when SPOT sees the GPS satellites and continue for up to 4 minutes while obtaining your GPS location.

Once your GPS location is obtained, SPOT will send your message with GPS location. The GPS light and Message Sending light will both blink green for approximately 15 seconds. The Message Sending light continues to blink green until the next scheduled message or until one (1) hour after the end of the message cycle to notify you that your most recent message was transmitted.

If no GPS signal is found, the GPS light will blink red. You should move to a location with a clearer view of the sky. SPOT will keep looking for your GPS location for up to 4 minutes.

If no GPS location is found in 4 minutes, SPOT sends your message without GPS location. The GPS light blinks red and the Message Sending light blinks green together for approximately 15 seconds. The Message Sending light will continue blinking until the next scheduled message or until one (1) hour after the end of the message cycle.

The Message Sending light continues to blink for one (1) hour after the end of the Help message cycle to give you additional time to verify the status of your most recent message. In a hurry? You can dismiss the Message Sending light by activating any other function or by turning SPOT off and then on.

### **TO CANCEL**

Press and hold the HELP button until it blinks red. Let SPOT work until the Help button stops blinking red. The Message Sending light will blink green indicating it has sent the Cancel message.

### **HOW SPOT PRIORITIZES HELP**

Help/SPOT Assist messages are a priority for SPOT. When you select Help/SPOT Assist or SOS, you will disable Check-In/OK, Custom Message and Track Progress functions. You will be able to activate Combined Help and SOS mode. If you have signed up for SPOT Assist, SPOT Assist will not be available, but Help messages will still be transmitted to designated friends & family. SPOT strongly recommends that you do not utilize Combined Help and SOS mode, as your friends and family could interfere with rescue efforts; see additional warnings in the FAQ section of [www.findmespot.com](http://www.findmespot.com).

## SOS

### S.O.S.

For life-threatening or other critical situations, alert the GEOS International Emergency Rescue Coordination Center (IERCC). GEOS notifies the appropriate emergency responders based on your location and personal information – which may include local police, highway patrol, the Coast Guard, your country's embassy or consulate, other emergency response centers, or search & rescue teams.

### MESSAGE CYCLE

SPOT sends your emergency profile information and current GPS location to GEOS every 5 minutes until cancelled or the batteries run out. If SPOT cannot get a GPS signal, it will still attempt to send your message – without a GPS location. There is no test mode. If you activate the SOS function, the GEOS Rescue Coordination Center will treat it as a real emergency.

### USING THE SOS FUNCTION

Press and hold the SOS button until it blinks green. The GPS light will blink green when SPOT sees the GPS satellites and while obtaining your GPS location.

Once your GPS location is obtained, SPOT sends your message and GPS location. The GPS light and Message Sending light will both blink green for approximately 15 seconds. The Message Sending light continues to blink green until the next scheduled message to notify you that your most recent message was transmitted.

If no GPS signal is found, the GPS light will blink red. You should move to a location with a clearer view of the sky.

The first message will be sent within (1) minute after activation with or without your GPS location. For all subsequent messages, SPOT will keep looking for your GPS location for up to 4 minutes.



If no GPS location is found in 4 minutes, SPOT sends your message without GPS location. The GPS light blinks red and the Message Sending light blinks green for approximately 15 seconds. The Message Sending light will continue blinking green until the next scheduled message.

**TO CANCEL:**

Press and hold the SOS button until it blinks red. Let SPOT work until the SOS button stops blinking red. The Message Sending light will blink green indicating it has sent the Cancel message.

**HOW SPOT PRIORITIZES SOS**

SOS messages are the top priority for SPOT. When you select Help/SPOT Assist or SOS, you will disable Check-In/OK, Custom Message and Track Progress functions. Help messages will still be transmitted to designated friends and family in Combined Help and SOS mode, but if you have signed up for SPOT Assist, SPOT Assist will not be available. Please note that SPOT strongly recommends that you do not utilize Combined Help and SOS mode, as your friends and family could interfere with rescue efforts; see additional warnings in the FAQ section of [www.findmespot.com](http://www.findmespot.com).

## TRACK PROGRESS



Send your location to allow contacts to track your progress in near real-time using Google Maps™ or SPOT Adventures, giving them a virtual breadcrumb trail of your adventure. Also automatically mark your waypoints to review later. Your contacts can see your progress on the web links that you create in your SPOT account. Additional service fees may apply. See account information at [findmespot.com](http://findmespot.com) to learn more.

### MESSAGE CYCLE

Track Progress messages are sent every 10 minutes for 24 hours or until cancelled. You can re-engage Track Progress at any time to restart the cycle. With each message, SPOT will include your GPS location for the 2 previous track positions for a seamlessly reliable breadcrumb trail. If SPOT cannot get a GPS signal, it will not send your message, but will try again at the next scheduled interval.

### USING THE TRACK PROGRESS FUNCTION:

Press and hold the Track Progress button until it blinks green. The GPS light will blink green when SPOT sees the GPS satellites and while obtaining your GPS location.

Once your GPS location is obtained, SPOT will send your waypoint. The GPS light and Message Sending light will both blink green for approximately 15 seconds. The Message Sending light continues to blink green until the next scheduled message or until one (1) hour after the end of the message cycle to notify you that your most recent message was transmitted.

If no GPS signal is found, the GPS light will blink red. You should move to a location with a clearer view of the sky. SPOT will keep looking for your GPS location for up to 4 minutes.

If no GPS location is found in 4 minutes, SPOT will not send this particular waypoint. Both the GPS light and the Message Sending light will blink red for approximately 15 seconds. SPOT will rest for up to 6 minutes and try again at the time of the next scheduled message. The Message Sending light will continue blinking until the next scheduled message or until one (1) hour after the end of the message cycle.

The Message Sending light continues to blink for one (1) hour after the end of the Track Progress message cycle to give you additional time to verify the status of your most recent message. In a hurry? You can dismiss the light by activating any other function or by turning SPOT off and then on.

#### **TO CANCEL:**

You can stop any unsent messages by pressing and holding the Track Progress button until the light turns off, or by turning off SPOT.








#### **HOW SPOT PRIORITIZES TRACK PROGRESS MESSAGES**

Help and SOS are prioritized over Track Progress - if you press the Help or SOS buttons while tracking, SPOT will cancel any unsent messages and begin sending Help or SOS messages. Track Progress is prioritized over Check-In/OK and Custom Message. If you are in Check-In/OK or Custom Message mode and press Track Progress, it will start tracking and cancel your unsent Check-In/OK or Custom Messages.

#### **QUICK CHECK**

You can send a Check-In/OK or Custom Message while you're in Tracking. If Tracking is active, it will be suspended long enough to send the Check-In/OK or Custom Message, then resume once the Check-In/OK or Custom Message cycle is complete. This lets you easily update your contacts of your whereabouts while in tracking. For example, if you'd like to send an "okay" message at the start of a trip to let your friends know to follow your whereabouts on SPOT Adventures [www.spotadventures.com](http://www.spotadventures.com), simply start Track Progress, then press "Check-In/OK". SPOT will send a Check-In/OK message then continue tracking.

## FUNCTION OVERVIEW

FUNCTION	OPERATION
<b>Check-In/OK and Custom Message</b>  	<ul style="list-style-type: none"><li>- Messages scheduled 3 times over 20 minutes to contacts on your contact list</li><li>- Message not sent if GPS location cannot be determined</li><li>- Suspends Track Progress until message is sent, then Track Progress resumes automatically</li></ul>
<b>HELP</b> 	<ul style="list-style-type: none"><li>- Messages scheduled every 5 minutes for one hour with updated location to your friends and family, or SPOT Assist provider</li><li>- Message scheduled even if GPS location cannot be determined</li><li>- Overrides Check-In/OK, Custom Message, and Track Progress</li></ul>
<b>SOS</b> 	<ul style="list-style-type: none"><li>- Messages scheduled every 5 minutes until cancelled (or batteries are depleted) with updated location to GEOS Rescue Coordination Center</li><li>- Message scheduled even if GPS location cannot be determined</li><li>- Overrides Check-In/OK, Custom Message, and Track Progress</li></ul>
<b>Combined HELP and SOS</b>  	<ul style="list-style-type: none"><li>- SOS messages scheduled every 5 minutes to GEOS Rescue Coordination Center until cancelled (or batteries are depleted) with updated location</li><li>- HELP messages scheduled every 5 minutes for one hour with updated location to your contacts</li><li>- Message scheduled even if GPS location cannot be determined</li><li>- Overrides Check-In/OK, Custom Message, and Track Progress</li></ul> <p>Note: SPOT strongly recommends that you do not utilize Combined Help and SOS mode, as your friends and family could interfere with rescue efforts; see additional warnings in the FAQ section of <a href="http://www.findmespot.com">www.findmespot.com</a>.</p>
<b>Track Progress</b> 	<ul style="list-style-type: none"><li>- Updated location and two previous locations scheduled for transmission to your account every 10 minutes for 24 hours</li><li>- Message not sent if GPS location cannot be determined</li></ul>

## SPOT: THE CENTER OF YOUR CONNECTED ADVENTURES

SPOT is continually working to enhance its customers' experience and add new services to the SPOT web service. For example, [www.spotadventures.com](http://www.spotadventures.com) is a new, fun, easy way to share your adventures with your friends or with the world. Visit [findmespot.com](http://findmespot.com) frequently to find out about new and improved services that make it easy to share your life and adventures with others. Not all services are available in all languages or regions.

## SECTION 4: SYSTEM FUNCTION AND INDICATORS

### SPOT MESSAGE SCHEDULE

SPOT is designed to provide outstanding quality and reliability. With a perfect view of the entire sky, the SPOT is designed to transmit virtually every message. In everyday conditions, the view of the sky is often blocked due to hills, buildings, or other obstructions so it is normal for some messages to be blocked. That is why the SPOT automatically sends multiple messages in every mode, giving you excellent overall reliability. In some modes this means multiple attempts to send the same message, while in other modes it means regularly updating GPS coordinates and sending a new message. Placement of your SPOT unit can make a difference. Experiment with placement until you are familiar with the reliability of your operating environment.

### MESSAGE INDICATORS

For all functions, SPOT lets you know what it is doing.

INDICATOR	BLINKING GREEN	BLINKING RED
GPS	Searching for GPS signal.	GPS location fix failed. Move to a new location.
Message Sending	Message transmission schedule in progress.	Last message was not sent.
Check-In/OK or Custom Message	Check-In/OK message sequence in progress.	N/A
HELP	SPOT in HELP mode.	HELP has been cancelled.
SOS	SOS is engaged.	SOS has been cancelled.
Track Progress	SPOT in Track Progress mode.	N/A
On/Off	On	Low battery.

## HOW THE LIGHTS BLINK - BY FUNCTION

IF SPOT FINDS YOUR GPS LOCATION				
FUNCTION	Message Function Light	GPS Light	Message Sending Light	Message Status
Check-In/OK Custom Message	Function light blinks green until the message cycle is completed or cancelled.	GPS Light blinks green	Blinks green after transmitting the most recent message as appropriate for each function and for one (1) hour after the message cycle ends.	Message and location transmitted to the satellites.
Track Progress				
Help SPOT Assist				
SOS Emergency				

### IMPORTANT NOTES:

- 1) The blinking green light in each function button lets you know that you have successfully engaged that function.
- 2) After you engage the function, SPOT looks for a GPS signal and location as indicated by the blinking green light.
- 3) Once the GPS location is obtained, SPOT sends your message and the GPS and Message Sending lights blink green together for 15 seconds, indicating a successful GPS fix and starting the message sending cycle.

### IF SPOT DOESN'T FIND YOUR GPS LOCATION

FUNCTION	Function Button Light	GPS Light	Message Sending Light	Message Status	To Try Again
Check-In/OK Custom Message	Blinks Green	Blinks Red	Blinks Red	Message not sent	Move to an area with a clear view of the sky. Press selected function again.
Track Progress	Blinks Green	Blinks Red. SPOT looks for GPS for 4 minutes, then rests for 6 minutes	Blinks Red	Message not sent	Move to an area with a clear view of the sky. SPOT will try to get a GPS location during the next message interval.
Help/Assist	Blinks Green	Blinks Red. SPOT looks for GPS for 4 minutes then rests for 1 minute.	Blinks Green	Message sent without GPS	Move to an area with a clear view of the sky. SPOT will try to get a GPS location during the next message interval.
SOS	Blinks Green	Blinks Red. SPOT looks for GPS for 4 minutes then rests for 1 minute.	Blinks Green	Message sent without GPS	Move to an area with a clear view of the sky. SPOT will try to get a GPS location during the next message interval.

#### IMPORTANT NOTES:

**CHECK-IN/OK OR CUSTOM MESSAGE:** SPOT must get a GPS signal before sending your Check-In/OK or Custom Message. If no GPS signal is found, the GPS light blinks red and SPOT deactivates the function without sending any messages.

**TRACK PROGRESS:** SPOT must get a GPS signal before sending your waypoint. However, SPOT will stay in the Track Progress function, and again look for a GPS signal at the next scheduled message interval.

**HELP/SPOT ASSIST:** SPOT sends Help/SPOT Assist messages even without a GPS location. SPOT will again look for a GPS signal prior to sending the next scheduled message (~4-5 minutes), and repeat the entire message cycle.

**SOS:** SPOT sends SOS Emergency messages even without a GPS location. SPOT will again look for a GPS signal prior to sending the next scheduled message (~4-5 minutes after the first message), and repeat the entire message cycle.

## SECTION 5: CARE AND SUPPORT

### BATTERY LIFE AND USAGE

- Use only non-rechargeable AAA Lithium batteries in your SPOT. We highly recommend Energizer™ Ultimate 8x AAA Lithium batteries to achieve the performance described in this User's Guide. Alkaline or other battery technologies, including rechargeable varieties, are not recommended. In an emergency situation, if you only have access to Alkaline or other battery technologies, SPOT might work, but will not offer the specified battery life or performance.
- Lithium batteries properly installed in the SPOT should last for several years stored. The ON/OFF light will blink red when the lithium batteries are low on battery power. Under optimum operating conditions, you have ~100 messages remaining when the ON/OFF light blinks red. If the ON/OFF light flashes red, or if you are unsure as to the battery life remaining, replace the batteries immediately. Always test and verify your SPOT device before any trip.
- Under normal usage fully charged batteries in a SPOT should meet or exceed the following:
  1. Power on, unused: Approximately 3 months.
  2. SOS or Help messages: 810 (approximately 2.8 days)
  3. Track Progress: 625 messages (approximately 4.3 days)
  4. Check-In/OK or Custom Message: 350 messages.
  5. We recommend that you always carry an extra set of batteries.
  6. Colder conditions can impact battery life.

### COVERAGE

SPOT works around the world, including virtually all of North America, Europe, Australia and portions of South America, Northern Africa and Asia, as well as hundreds or thousands of miles off-shore of these areas. It is important that you check coverage for your destination before traveling. In Russia, GPS performance is limited (degraded) in accordance with Russian regulations regarding GPS accuracy for devices utilized in Russia.



## **OPERATING CONDITIONS AND CLIMATE**

Your SPOT is designed to go anywhere. However, like all electronic devices, it has its limits. SPOT relies on GPS and low earth orbit satellites to fix your location and send your messages. To work, the SPOT logo (which is directly above the transmitter) needs to have an unobstructed view of the sky, either outdoors or in a glass-enclosed area such as a vehicle dashboard or glass sunroof. For safety, keep the following in mind regarding the care and usage of SPOT:

- Waterproof to a depth of 5 meters for up to 1 hour.
- Operating temperatures: -22°F to +140°F (-30°C to 60°C)
- Operating altitude: -328 ft to 21,320 ft (-100m to 6,500m)
- Humidity and Salt Fog Rated
- Visit [findmespot.com](http://findmespot.com) for the latest information on certification to OSHA Intrinsically Safe to Class 1, Division 1, Group A-D standards.
- If you exceed 700 mph (Mach 1) GPS accuracy degrades.

## **CONTACTS**

Additional charges may apply in some regions. Standard text messaging charges from your mobile phone provider may also apply.

## **CLEANING**

Follow these general rules when cleaning the outside of your SPOT:

- Make sure the power is OFF.
- Use a damp, soft, lint-free cloth. Avoid excess moisture near buttons or openings.
- Do not use aerosol sprays, solvents, alcohol or abrasives.
- Do not attempt to open the SPOT case.

## **TROUBLESHOOTING**

The SPOT performs a self-diagnostic test each time it is powered on. SPOT recommends that you send and verify a Check-In/OK message before each trip. This also allows you to evaluate your entire messaging system, from the operational condition of the SPOT to the readiness of those on your contact list.

**See FAQ section on [www.findmespot.com](http://www.findmespot.com) for more information.**

## WEB BROWSER REQUIREMENTS

For optimal performance, you must have a compatible web browser to access your SPOT user account at [www.findmespot.com](http://www.findmespot.com). The following are compatible web browsers:

- FireFox 3
- Internet Explorer 7 & 8
- Safari 3 & 4

It is possible that other browsers such as Chrome 2.0 and Opera 9/10.0 will also work to access the [www.findmespot.com](http://www.findmespot.com) website and your user account, but compatibility is not assured. Check the FAQ section of the [www.findmespot.com](http://www.findmespot.com) website or contact SPOT Customer Care for the most recent list of compatible browsers.

## LEARN MORE

The SPOT website is updated regularly with training videos and answers to Frequently Asked Questions (FAQs).

For additional questions or support:

Visit [www.findmespot.com](http://www.findmespot.com) or call:

North American Customers: 1-866-OK1-SPOT (1-866-651-7768).

European Customers: Tel: +353 12 909 505

## LIMITED WARRANTY

Your SPOT has a Limited Warranty from Axonn, LLC for 12 months (24 months for European Customers) from the date of purchase against defects in materials and workmanship only. For full details regarding the Limited Warranty and warranty claim procedures, visit <http://www.spotwarranty.com> or <http://www.findmespot.com>.

EXCEPT AS PROVIDED ABOVE, THE PRODUCT IS SOLD "AS IS" WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES FOR THE PRODUCT WHATSOEVER, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES REGARDING THE CONDITION, DESIGN, SPECIFICATIONS, WORKMANSHIP, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE PRODUCT, OR ANY WARRANTIES THAT THE PRODUCT IS FREE FROM LATENT DEFECTS OR DEFICIENCIES, OR THAT THE PRODUCT IS FREE FROM INFRINGEMENT OF ANY PATENT, TRADEMARK, COPYRIGHT OR PROPRIETARY RIGHT OF ANY THIRD PARTY AND SUCH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED.

THIS LIMITED WARRANTY PROVIDES THE SOLE AND EXCLUSIVE REMEDY FOR ANY DEFECTS IN THE PRODUCT. IN NO EVENT SHALL WE BE LIABLE FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, INCIDENTAL OR PUNITIVE DAMAGES, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE. OUR LIABILITY IS LIMITED TO THE AMOUNT YOU PAID FOR THE PRODUCT THAT IS THE SUBJECT OF A CLAIM. THE APPLICABILITY OF THE ABOVE LIMITATIONS AND EXCLUSIONS MAY VARY FROM STATE TO STATE, OR COUNTRY TO COUNTRY.

## FCC/IC NOTICE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This device complies with the requirements for radio astronomy site avoidance as specified by the Globalstar National Science Foundation agreement of 2001. It is compliant with CFR 25.213.

This device automatically adjusts its transmission frequency according to its location and is compliant with international regulatory requirements.

## CE13130

- ROHS and WEEE compliant
- Certified to FCC and CE emissions, immunity and safety regulations.
- Meets FCC part 25 regulations, Canada type approval, CISPR Publication 22 (1985 1st Edition), RTTE Directive (1999/EC) and IEC 60950 safety standard.

Spot, LLC ([www.findmespot.com](http://www.findmespot.com)) is not affiliated with Spot Image ([www.spotimage.com](http://www.spotimage.com)).

## **DECLARATION OF CONFORMITY FOR EUROPEAN CUSTOMERS**

Hereby, Globalstar Europe Satellite Services Ltd., declares that this SPOT Satellite GPS Messenger, is in compliance with the essential requirements and other relevant provisions of Directive 1995/5/EC. The declaration of conformity may be consulted at [www.findmespot.com](http://www.findmespot.com).

© 2009, SPOT, LLC. For more information visit [www.findmespot.com](http://www.findmespot.com).

The official language of this User's Guide is English. The translations are provided for your convenience only. In the case of any contradiction between a translation and the English, the English version shall take precedence.