



## Iridium SMS Service; a short overview

### **Iridium SMS Service:**

The long awaited new Iridium SMS service is ready to be launched. It will enable users to send SMS messages much the same way as many people already do using CDMA or GSM messaging.

### **Iridium SMS possibilities:**

The Iridium terminals were always designed with SMS messages in mind.

This is now the case but it has come with some restrictions.

- 1) Only the 9505 and terminals based on the 9522 will, at the moment, be able to send SMS.
- 2) ALL 9505's bought before JUNE 16 2003 will have to be re-flashed with new software\*.
- 3) The system will initially enable 4 means of sending a terminal originated SMS.
  - Iridium to Iridium
  - Iridium to Cellular (coming soon)
  - Iridium to E-mail
  - Iridium to Iridium Pager

*\*NOTE: The software version of the Iridium terminal can be checked using: \*#91#*

*The correct software version enabling SMS = LAC0307*

### **Service Center Number:**

Subscribers to the SMS service will HAVE to enter the SMS Service Center Number prior to sending the first SMS message.

*NOTE: Failing to enter the Service Center Number will result in failed SMS attempts!*

*To enter the Service Center Number:*

- 1) Press the "Envelope" key.
- 2) Scroll to "Message Settings". Press "OK".
- 3) Scroll to "Service Center". Press "OK".
- 4) Enter 00881662900005 or +881662900005. Press "OK".

### **Message size:**

The Iridium SMS message size will be limited to 160 characters. This limitation is valid for both the sending and receiving of Iridium messages.

### **Character Set Supported:**

Iridium SMS supports English Alpha Numeric characters ONLY.

### **How to send Iridium SMS messages:**

#### **Iridium to Iridium:**

*Using the 9505 Iridium Terminal*

- 1) Select the menu option: "Message Editor"
- 2) Enter your message (see 9505 user guide for more info)
- 3) Select "OK"
- 4) Select menu option: "Send Message"
- 5) Enter either; 00<Phone Number> or + <Iridium Phone Number>.
- 6) Select "Send Message"

#### **Iridium to an Iridium Pager\*:**

- 1) Select "Message Editor"
- 2) Start the SMS with the Pager e-mail address, followed by a space;  
<Pager [MSISDN@msg.Iridium.com](mailto:MSISDN@msg.Iridium.com)> <SPACE> <Message>
- 3) Select "Send Message"
- 4) Enter one of the following: "+\*2", or "00\*2", or "\*\*2".
- 5) Select "Send Message"

#### **Replying to an SMS:**

*Using the 9505 Iridium Terminal:*

- 1) Select "Received Messages"
- 2) Select your message.
- 3) Select "Reply to Sender"
- 4) Enter the reply.
- 5) Select "Send Message"
- 6) The originator's number will be displayed, if it is not the right number you can change it at this step.
- 7) Select "Send Message"

#### **Iridium to an E-mail account\*:**

- 1) Select "Message Editor"
- 2) Start the SMS with the e-mail address, followed by a space;  
<E-mailaddress@domain > <SPACE> <Message>
- 3) Select "Send Message"
- 4) Enter one of the following: "+\*2", or "00\*2", or "\*\*2".
- 5) Select "Send Message"

#### **Replying to an E-mail Message\*:**

*Using the 9505 Iridium Terminal:*

- 1) Select "Received Messages"
- 2) Select your message.
- 3) Select "Reply to Sender"
- 4) The originator's E-mail address will be displayed, if it is not the right address you can change it at this step.
- 5) Enter the reply.(make sure there is a space between the Email address and the actual message.
- 6) Select "Send Message", "+2" will be automatically displayed change if necessary.

#### **E-mail to an Iridium\*:**

*E-mails can be sent to SMS enabled Iridium terminals as an SMS.*

*Send the e-mail to: [MSISDN@msg.Iridium.com](mailto:MSISDN@msg.Iridium.com)*

*For example:*

*[881631013543@msg.Iridium.com](mailto:881631013543@msg.Iridium.com)*

*NOTE: The subject line is NOT transmitted to the Terminal.*

*Only the BODY.*

*\*NOTE: Because both pager and normal e-mail addresses have to be entered in the BODY of the text message, the number of characters available for the actual message will be SMALLER than 160 characters.*

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