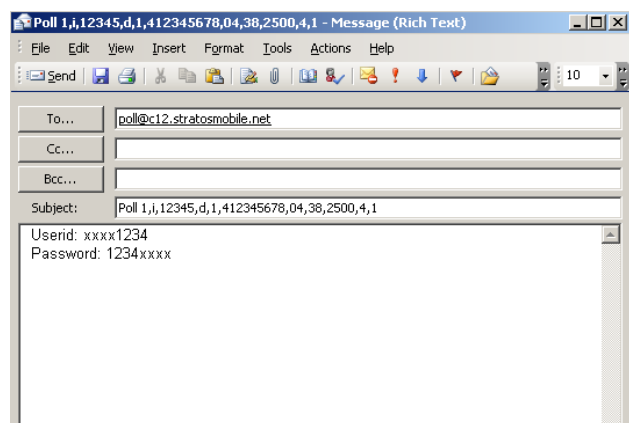# Inmarsat-C from Stratos
Quick Reference Guide - Polling via E-mail

Overview

Poll commands are sent to a vessel to program it for position reporting. Through Stratos LESs 02 and 12, it is possible to send these poll commands from e-mail.

In order to send poll commands from email, you must be registered for C-Email with polling capability. You can register your email address or request a userid and password for C-Email. With a userid and password, any email address can send through the Inmarsat-C service by placing the username and password on the first two lines of the message. All poll commands are sent in the subject line of the message and are sent to email address poll@c12.stratosmobile.net for LES 12 and poll@stratosmobile.net for LES 02, as shown below. This example shows a poll command sent with a userid and password for authentication on LES 12.

Poll Command Format

Poll commands are input to the subject line, using the parameters and format outlined below. You can separate the Poll parameters on the command line by a comma, colon or space. You may find it best to use comma for simplicity and ease of distinguishing parameters from each other. Note that a space must follow "Poll". To program a vessel you must send Program and Start poll command types (04 and 05).

poll ocean,p1,p2,p3,p4,p5,p6,p7,p8,p9

Code	Significance	Description
Ocean	Ocean Region	0 = AOR-W 1 = AOR-E 2 = POR 3 = IOR
p1	Poll type	g = group poll i = individual poll
p2	DNID	Up to 5 digits
p3	Response Type	d = data report
p4	Sub-address	0 for Trimble, 1 for all others
p5	Address	for individual poll = mobile number for a group poll = 0
p6	Command Type	00 = request a data report 04 = program data reporting 05 = start data reporting 06 = stop data reserving
p7	Member Number	1 to 255
p8	Start frame (start time)	4 digits 0001 to 9999 (eg. 2500 = 0600 GMT)
p9	Number of reports per 24 hours	3 digits. Maximum 96 recommended (15-minute intervals)

Examples

Below are examples of poll commands that will program the vessel for position reporting. In these examples, DNID 51234, member number 38 is already downloaded to Inmarsat-C number 412345678.

Sample Information

Ocean Region:	AORE (1)
DNID:	51234
Response Type:	Data Report (position report)
Sub-address:	1
Address:	412345678 (Mobile Number)
Member Number:	38

Program vessel for Position Reporting, starting at 0600 GMT, with 4 reports per day:
- Poll 1,i,51234,d,1,412345678,04,38,2500,4,1

Start position reporting:
- Poll 1,i,51234,d,1,412345678,05,38

Stop position reporting:
- Poll 1,i,51234,d,1,412345678,06,38

Request a position report at any time:
- Poll 1,i,51234,d,1,412345678,00,38

About Stratos

Stratos is the world's trusted leader for vital communications. With more than a century of service, Stratos offers the most powerful and extensive portfolio of remote communications solutions including mobile and fixed satellite and microwave services. More than 20,000 customers use Stratos products and industry-leading value-added services to optimize communications performance. Stratos serves U.S. and international government, military, first responder, NGO, oil and gas, industrial, maritime, aeronautical, enterprise, and media users on seven continents and across the world's oceans. For more information visit www.stratosglobal.com.

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