



SATELLITE SYSTEMS AND SERVICE
WEATHER, EMAIL, VOICE & DATA SOLUTIONS

WWW.OCENS.COM

800.746.1462

Using OCENS' WaveCast, FlyCast or SnapTrack with your ZOLEO

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Requesting WaveCast Marine Wx/Wave Forecasts

- 1) In the Zoleo app, click on the + bubble in the upper right to start a new message
- 2) In the name/number field, type your weather preference:
 - a. 24wx@ocens.com: For a 24 hour wx/wave forecast
 - b. 48wx@ocens.com: For a 48 hour wx/wave forecast
 - c. 72wx@ocens.com: For a 72 hour wx/wave forecast

You may choose to add one or more of these to your contact library.

- 3) Tap the position icon to the left of the message field.
- 4) Send.

That's it!!

Requesting FlyCast Forecasts

- 1) In the Zoleo app, click on the + bubble in the upper right to start a new message
- 2) In the name/number field, type avwx@ocens.com

You may choose to add avwx@ocens.com to your contact library.

- 3) Tap the position icon to the left of the message field.
- 4) Send.

Requesting FlyCast TAF and METAR reports

- 1) In the Zoleo app, click on the + bubble in the upper right to start a new message
- 2) For METAR reports, type metar@ocens.com in the name/number field and, in the message field at the bottom of the screen, the 4-character code of the airport for which you want to receive the METAR report
- 3) For TAF reports, type taf@ocens.com in the name/number field and, in the message field at the bottom of the screen, the 4-digit code of the airport for which you want to receive the TAF report.

NOTE: A request for a TAF report returns BOTH the METAR and the TAF report. A request for a METAR report only returns the METAR.

- 4) Send the message

Tracking and Group Messaging

Submitting Track Positions with your ZOLEO

- 1) In the Zoleo app, click on the + bubble in the upper right to start a new message
- 2) In the name/number field, type snap@ocens.com

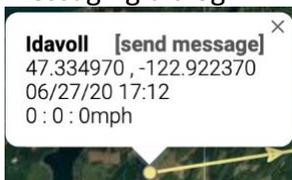
You may choose to add snap@ocens.com to your contact library for later use.

- 3) Tap the position icon to the left of the message field.
- 4) Send.

Your position will be delivered to OCENS SnapTrack. Send friends, family and others to <http://snap.ocens.com> to view your trackline and waypoints. They will need either your OCENS screen name or user name that you created when you registered your voucher to view your trackline.

Group Messaging to your ZOLEO fleet from the SnapTrack page

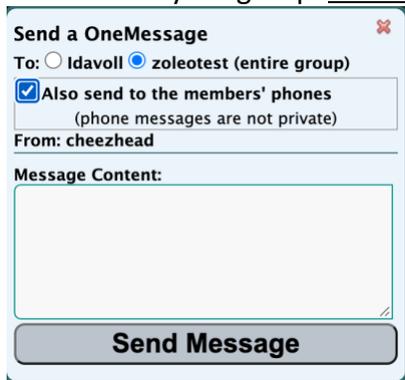
- 1) Contact sales@ocens.com to:
 - a. Assemble your Zoleo fleet into a Snap group. Each group member must have an active SnapTrack account;
 - b. Assign a group name to the fleet.
- 2) Go to <http://snap.ocens.com> and enter the group name in the Group field and click the View Map button.
- 3) Click on the waypoint of a trackline for any of the group members to access the messaging dialog



- 4) Click on Send Message

Register for a free OneMessage account if you have not done so previously. If you have done so, enter the account's username and password to proceed. This is requested only once per session.

- 5) Send your message to just the one Zoleo on whose trackline you clicked or send to all members of your group. Be sure to check 'Also send to member's phones'.



Type your message and then press the 'Send Message' button

- 6) All the Zoleo members of your group will soon receive your message. The message will start with your Snap/OneMessage username in brackets [username] and, if sent to the entire group, the name of the group it was sent to in parentheses (group msg sent to groupname). The message then follows.

Replying to Group Messages from the SnapTrack page

- 1) Start a new message in your Zoleo
- 2) Address the message to snap@ocens.com
- 3) Start the body of your message with the name of your group and then a colon, eg. groupname:

NOTE: To send to only one user start the body of your message with that username and a colon, eg. username:

- 4) Type the rest of your message and send
- 5) On the Snap page, all group members with tracks appear in the lower right corner of the screen. If one of the members of a group is messaging, the colored dot to the left of that

member name will change to a message icon



and start blinking. The

Snap page is passively watching for messages from your Zoleo friends or vessels to you all of the time.

- a. Click on the flashing  to Read the Message
- b. You can reply to the message from the message list when finished reading and again have the option to send just to the individual or to the group as a whole.

Your WaveCast Forecast

What you will see in your WaveCast forecast

Your WaveCast report consists of two sets of data: 1) General marine weather for the subject location (colored **red** in the text below) and 2) Wave and swell data for the subject location if the location is at least 30 to 60 miles offshore (colored **blue** in the text below).

In its raw form, here is what the data will look like:

060204:T39 wc034 p:0 c89 sp1012 Ws06 Wd029 sr03:12 ss20:18 mp+82
060210:T40 wc035 p:0 c52 sp1013 Ws06 Wd029
060216:T41 p:0 c96 sp1013 Ws07 Wd037
060222:T40 wc035 p:0 c99 sp1013 Ws06 Wd057

060204:wd243 wh01 wp04 sd269 sh00 sp05
060210:wd228 wh01 wp04 sd221 sh00 sp05
060216:wd212 wh01 wp05 sd210 sh00 sp06
060222:wd203 wh01 wp04 sd203 sh00 sp05

What the WaveCast short codes mean

Here is your codebook for that information:

Date: Month/Day/Your 24hr Local time

Wave Direction (wd): wave direction in degrees, true direction

Wave Height (wh): wave height in feet or meters

Wave Period (wp): wave period in seconds

Swell Direction (sd): swell direction in degrees, true direction

Swell Height (sh): swell height in feet or meters

Swell Period (sp): swell period in seconds

Air Temperature (T): F or C air temp depending units on preferences set at activation.

Wind Chill (wc) if temperature is less than 40 F (4.5C) you will also receive a Wind Chill reading. See Wind Chill discussion below.

Heat Index (hx) if temperature is above 80 F (26.5C) you will also receive a Heat Index reading. See Heat Index discussion below.

Precipitation (p) inches or mm precip/6 hrs depending on units preferences selected at activation.

Precipitation Type (pt) if p is greater than zero, you will also receive precipitation type, eg. Rain, snow, etc.

Snow Forecast Range (sl/sh) if precipitation type is snow, you will receive a min (sl)/max (sh) snow forecast

Cloud Cover (c) cloud cover

Surface Pressure (sp): mb surface pressure

Wind Speed (ws) knots wind speed

Wind Direction (wd) deg True wind dir

At the start of each 24 hour period, you will also be provided with local time of sunrise and sunset and the current moon phase.

Sunrise (sr): Your local time of sunrise

Sunset (ss): Your local time of sunset

Moon Phase (mp): Your local moon phase. MP is presented in percentage terms. + percentage values indicate a waxing moon. – percentage terms indicate a waning moon.

Note: If F air temperature exceeds 99, the T is replaced with the third digit of the temperature. If T falls below 0 F or 0 C, the T is replaced with the minus (-) sign. If knots wind speed exceeds 99, numeric values are replaced with two plus symbols (++) .

Contact OCENS at 206.878.8270 or support@ocens.com for additional assistance. Include your zoleo.com email address in the message.