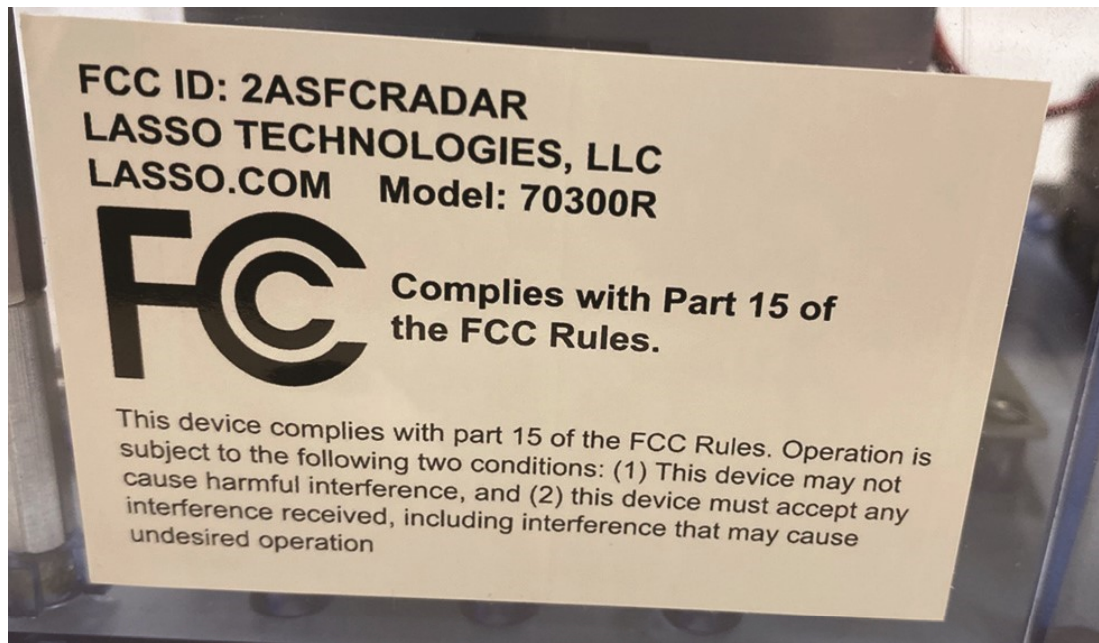


Lasso Radar labels



Lasso Radar Installation




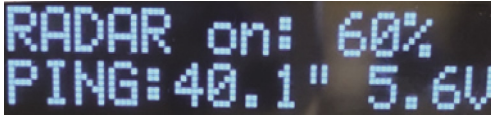


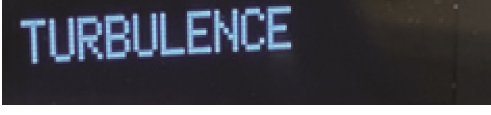
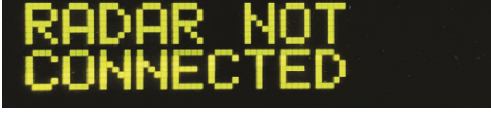
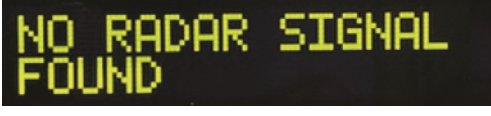
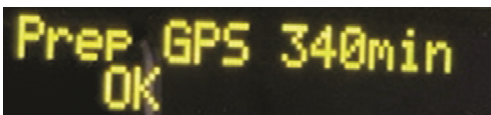
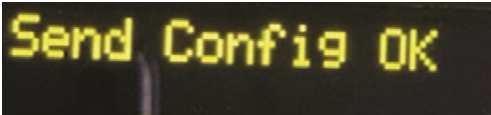

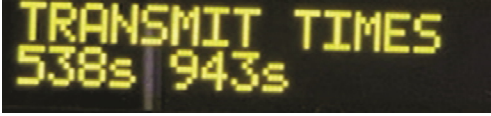

Depth=Distance to bottom - Ping



- Mount Radar on top of tank.
- Radar will typically penetrate plastic containers to measure fluid depth.
- Dependent upon plastic thickness and chemical being detected.
- Try not to mount radome too close to wall of tank.
- Experiment by pressing wake early button.
- Use Bonding Tape but do Not block Radome.



Lasso Radar Display

	Boot up screen with software version
	Signal strength. Ping is distance from Radar housing to surface of fluid.
	Depth of fluid is 55.0"
	Gallons of fluid in the tank. Gallons=Depth * Gallons/inch
	Turbulence in tank if distance changes more than 2 inches in 2 seconds. Hold radar steady.
	No radar sensor board is detected.
	Radar cannot see through the tank wall or dielectric constant of fluid is too low to be detected. <ul style="list-style-type: none">• Confirm operation by aiming radar at an object when not installed on the tank.• Confirm that radar is perpendicular to the fluid.
	Configuration of GPS interval successful
	Configuration of Satellite modem successful
	Message that data was correctly sent to satellite modem.
	Satellite just transmitted. 1 of 3. Next transmission is in 538 sec and last one is 943s.
	Message that Alpha will now sleep for 27 minutes before waking and sending another message.

Lasso Radar Configuration

ON button is same as wake early button on side of box.

Press for 5 seconds to enter Programming mode

Scroll numbers up

Scroll numbers down

Reset will reboot computer. Memory will not be lost.



Release Button

Press black SET button for 5 seconds. Release Button to enter teach mode

To Bottom
95.0in=7.89ft

Set distance from radar enclosure to bottom of tank. $\text{Depth} = \text{Distance to Bottom} - \text{Ping}$

GPS Minutes
340=5.67hr ?

GPS coordinates will be sent every 5.6 hours. 6 hours is suggested. Beware of extra data fees.

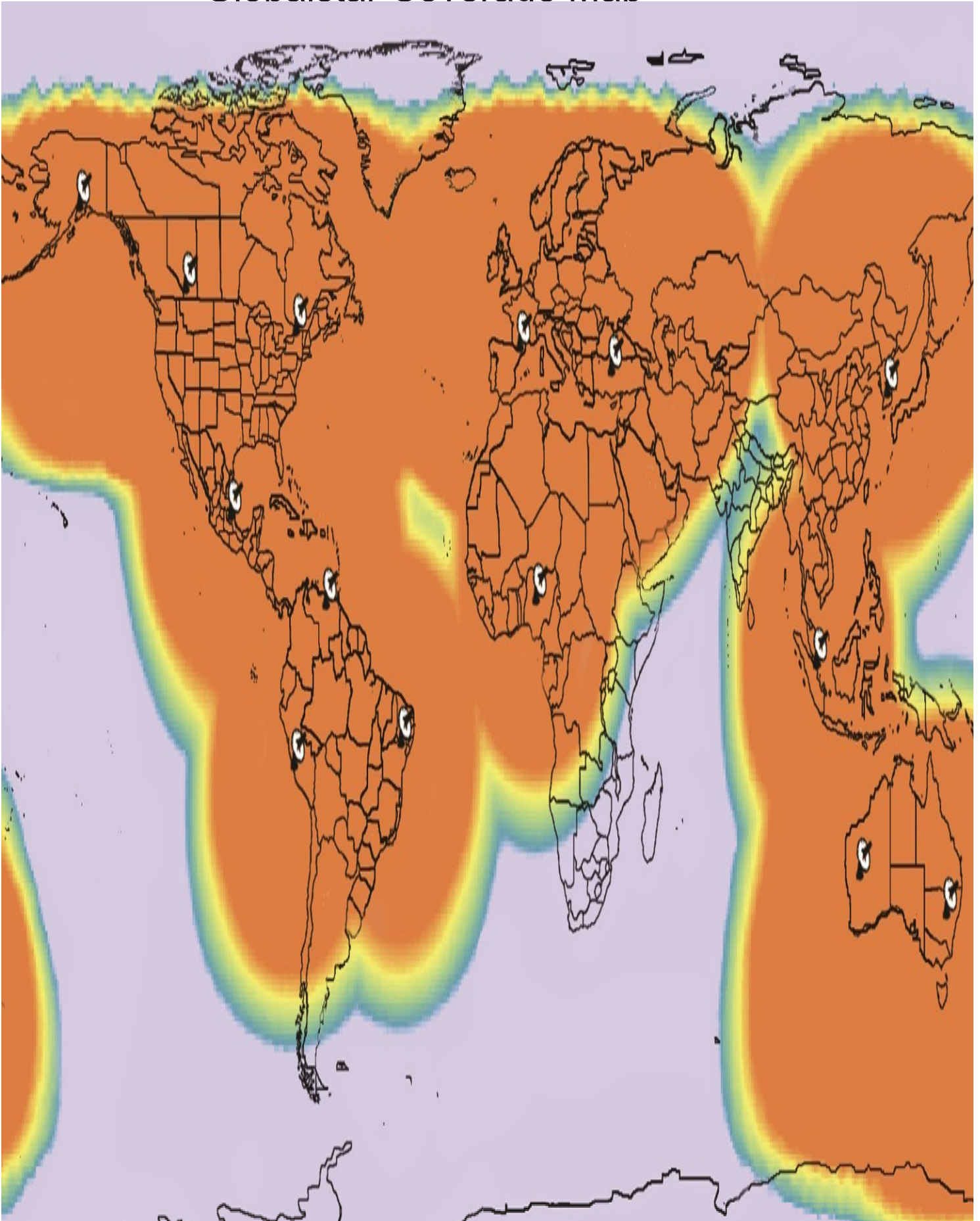
Data Minutes
20=0.33hr ?

Data will be sent every 20 minutes. 4 hours is suggested. Beware of extra data fees..

Gallons/inch
1.0

Use UP DOWN white buttons to adjust the gallons per inch to convert depth to gallons. Consult Lasso for custom lookup tables.

Globalstar Coverage Map



iPhone or Android APP

<https://itunes.apple.com/us/app/lasso-mobile-app/id1180627689?mt=8>

<https://play.google.com/store/apps/details?id=com.lassos>

Contact Lasso to activate. Search for Lasso Technologies in the APP store

