These questions are primarily about the device capabilities, but if the API is used to limit the device please include a comment on that as well.

capacity

* What are the units for this value? (gallons)
* What are the limits on this value?

consumption\_types

* How does this value effect the device operation?

reading\_interval

* What are the limits on this value?
* Is the timing of the reading effected by the transmission\_interval or fixed\_time\_transmission?

transmission\_interval

* What are the limits on this value?
* Can any in range value be used, or only certain values? (full hours)
* Does every transmission (scheduled and alert driven) allow configuration changes from the system?

threshold\_1 and threshold\_2

* I assume these are both “low level” alerts, meaning the alert condition is when the tank level in percent is less than the threshold. I also think these thresholds are checked on the reading\_interval and will generate an immediate callout if an alert is detected.
* What are the limits on these values? (0 and 100)
* Does the device call out on every reading\_interval if the reading is below the threshold or only when the reading crosses the threshold?
* If only on crossing the threshold, what is the hysteresis value?

consumption alert?

* Can you provide more details about this alert mention during our call?
* What parameters define this alert?
* If this is “relative amount”, rather than the “absolute amount” of the threshold alerts, what resets the trigger?

fixed\_time\_transmission

* Does the device use any concept of a “day” when determining the transmission times? If the fixed\_time\_transmission is in the evening and the transmission\_interval is 12 hours, will the device still transmit every 12 hours?
* Can any in range value be used, down to the second?

orientation

* Are the only two valid values vertical and horizontal?
* Are these values used by the device to compute the reported tank reading in percent?
* Is the horizontal tank assumed to have domed ends?