



1. Only the Pinger Dish III can be used to program the pulse rate: (uses 3G pulse rate options).
2. There are three pulses per period:
 - a. The first is the normal tag code.
 - b. After about 80ms, the temperature code is transmitted.
 - c. After another 80ms, the depth code is transmitted.
3. The Pinger Dish is too slow to detect the second and third additional codes. It will only display the first code detected, which is the tag code.
4. Only ATS JSATS receivers can capture the pressure/temperature data. That data then requires special filtering (which comes standard with ATS JSATS Receiver software) to convert the data into usable information.
5. The tag life is 1/3 of the normal JSATS tag life (without the pressure option). The sensor uses a negligible amount of power, but the tag is transmitting three times as much information.
6. Maximum pressure = 26,214 mbar (380 psi = 267 meters).
7. Accuracy = 25cm (typical @ 25°C).
8. Resolution = 0.5cm (216 steps).
9. \$0000 = 0 mbar, ~ 0.4 mbar per step, (\$0000 - \$FFFF).
10. Temperature = 0.01°C resolution with ± 1.5°C of accuracy.
11. Battery Life in days: (Note: The PRI's listed in this table are only examples. The available pulse rates available using the Pinger Dish III are limited to 60 seconds or less and will vary slightly).

BATTERY

PRI	337	379	392	½ AA
2	5	10	28	512
3	7	15	42	754
4	10	19	55	987
5	12	24	68	1212
6	13	28	81	1428
8	18	37	105	1839

PRI	337	379	392	½ AA
10	22	45	127	2222
15	31	63	178	3076
20	39	79	223	3809
30	52	105	297	5000
60	79	158	446	7272
120	105	211	595	9411

12. Physical specifications (size/weight): (Note these dimensions are approximate depending on the final board layout and size).

BATTERY

Dimensions	337	379	392	½ AA
Weight	0.5 grams	0.6 grams	1.05 grams	11.9 grams
Length	14.2mm	15.6mm	17.2mm	15.7mm diameter
Width	5.3mm	7.5mm	8.3mm	41mm in length
Height	4.5mm	4.5mm	5.4mm	NA