



```
wait
triple AD
buffer update
wait
wait
wait
wait
triple AD
buffer update
wait
wait
wait
wait
..etc..
```

x, y, z-dac values : msb is sign bit, then most-significant 11 bits of dac value for each ( lowest 5 bits of our 16-bit dac ALWAYS zero )

Vmon values are right-justified 10-bit data

Aux		Aux		Aux	
1	mag #	11	msbYd2a	21	mag #
2	status_flags	12	lsbYd2a	22	status_flags
3	bitchk	13	msbZd2a	23	bitchk
4	DEPRECATED	14	lsbZd2a	24	DEPRECATED
5	Vmon1	15	msbXa2d	25	Vmon1
6	Vmon2	16	lsbXa2d	26	Vmon2
7	Tsensor	17	msbYa2d	27	Tsensor
8	Tbox	18	lsbYa2d	28	Tbox
9	msbXd2a	19	msbZa2d	29	msbXd2a
10	lsbXd2a	20	lsbZa2d	30	lsbXd2a

15 - 20 right-justified copies of AD values as reported for sample # 1, high nibble of msbXa2d always zero

aux 3 - bit checker=en422+2\*p\_sel+4\*b\_sel+8\*b60hz+16\*polx+32\*poly+64\*polz  
1Hz Flag      state counter value at IPPS arrival

.end of document