UWAL DATA CHANNEL ASSIGNMENTS

Test No. _____

Channel No.	Channel Name	Engr. Unit Conversion	Amp Setting	±Voltage Range	Excitation (volts)	File Format	Description
0	SYSCAL	N/A	10	---	---	N/A	Diagnostic use
1	DELTAQ	Poly	2	---	---	F10.3	Standard data
2	LIFTR	Poly	5	---	---	F10.3	Standard data
3	DRAGR	Poly	5	---	---	F10.3	Standard data
4	PMR	Poly	5	---	---	F10.3	Standard data
5	YMR	Poly	5	---	---	F10.3	Standard data
6	RMR	Poly	3	---	---	F10.3	Standard data
7	SFR	Poly	5	---	---	F10.3	Standard data
8	FOULING	Poly	1	---	---	F10.3	Standard data
9	TATMO	Poly	15	---	---	F8.3	Standard data
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Please specify how the voltages will be converted to engineering units (e.g. lbs, in-lbs, psf, etc.). If you already know the calibration constants, specify those on a separate page. Engineering unit (EU) conversions for the data can be any of the following:

- Poly: nth order polynomial
- Poly-WOZ: nth order polynomial - wind-off-zero (WOZ)
- (Poly-WOZ)/exc: [nth order polynomial - wind-off-zero (WOZ)] / excitation
- Poly/exc: [nth order polynomial] / excitation
- Table: Table of values
- Tabl-WOZ: Table - WOZ
- Tabl-WOZ/exc: [Table - WOZ] / excitation
- Tabl/exc: Table / excitation

Amplifier settings are the gain setting with units of microvolts per bit (μV/bit). Selected by UWAL.

Voltage range must be less than ±0.49V (490 millivolts), otherwise attenuators will be needed. Ask UWAL.

Excitation voltages are either 5 or 12V.

File format is specified in a FORTRAN format. F10.3 = real number that can be 10 digits long, 3 after the decimal.