

APPENDIX H

AUTOMATED GROSS RANGE TEST PARAMETERS USED BY AOS DATA SYSTEM

AOS implemented Gross range test (minimum, maximum, and units) parameters.

Parameter	Minimum	Maximum	Units
Air Temperature	-130	135	°F
Barometric Pressure	335	1085	mbar
Chlorophyll	0	1.00E+37	µg/L
Cloud Cover	0	100	%
Current Direction	-360	360	degrees
Oxygen Saturation	0	1.00E+37	%
Fuel Temperature	-130	135	°F
Global Solar Radiation	0	1367.7	W/m ²
Ground Temperature	-130	135	°F
pH	0	14	fraction
Photosynthetically Active Radiation	0	1.00E+37	µmole/m ² s
Precipitation Amount	0		kg/m ²
Relative Humidity	0	100	%
Salinity	0	50	PSS
Sea Ice Concentration	0	100	%
Sea Ice Direction	-360	360	degrees
Sea Surface Temperature	20	135	°F
Snow Depth	0	500	inches
Solar Radiation	0	1367.7	W/m ²
Stokes Drift Directions	-360	360	degrees
Stream Flow	0		m ³ /s
Stream Height	0		m
Total Dissolved Solids	0	1.00E+37	g/L
Turbidity	0	1.00E+37	NTU
Water Temperature	20	135	°F
Wave Direction	-360	360	degrees
Wave Height	0	20	m
Wind Gust Direction	0	360	degrees
Wind Gust Speed	0	253	mph
Wind Direction	0	360	degrees

