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Table CP1. Physical oceanographic (Pocn) atm.

<u>No.</u>	<u>Len.</u>	<u>Abbr.</u>	<u>Element description</u>	<u>Min.</u>	<u>Max.</u>	<u>Units (Code)</u>
1	2	ATTI	atm ID			Note: set ATTI=(tbd)
2	2	ATTL	atm length			Note: set ATTL=45
Oceanographic data and metadata (41 Characters):						
3	5	OTV	temperature value	-3.	35.0	0.001°C
4	1	OTP	original temperature value precision			e.g. 2 = 0.01°C precision
5	5	OTZ	temperature depth	0.	10.	0.001 m [max. set to agree with WOD05 transpec

<u>No.</u>	<u>Len.</u>	<u>Abbr.</u>	<u>Element description</u>	<u>Min.</u>	<u>Max.</u>	<u>Units (Code)</u>
						procedures]
6	1	OTZP	original temperature depth precision	0	2	[numerals right of decimal]
7	5	OSV	salinity value	0.	40.	0.001 [unitless, on Practical Salinity Scale]
8	1	OSP	original salinity value precision	0	2	[numerals right of decimal]
9	5	OSZ	salinity depth	0.	10.	0.001 m [max. set to agree with WOD05 transpec procedures]
10	1	OSZP	original salinity depth precision	0	2	[numerals right of decimal]
11	2	OPT	probe Type, 2nd header 29, with caveat to reset...	0	16	WOD09 s_29_probe_type [WOD code]
12	1	RST	reference scale for temperature	102	103	WOD09 v_3_scale [WOD code]
13	1	RSS	reference scale for salinity	202	203	WOD09 v_3_scale [WOD code]
14	2	NSB	normal standard seawater batch number	NA	NA	IAPSO batch number, Variable specific Secondary Header (18) [IAPSO batch number]
15	1	OIC	instrument calibration	NA	NA	1=uncalibrated, Variable specific Secondary Header (16) [WOD code]
16	5	PAT	Argo profiler adjustment value for temperature	-2.	2.	0.001°C
17	5	PAS	Argo profiler adjustment value for salinity	-0.5	0.5	0.001 [unitless, on Practical Salinity Scale]

Pocn attm notes:

Field contents tailored to the specialized requirements of capturing near-surface data deemed most relevant to marine meteorology from the World Ocean Database (e.g. WOD09; http://www.nodc.noaa.gov/OC5/WOD/pr_wod.html).

Unresolved questions (E. Freeman) regarding listed range [0,2] of OSP: "Will this work? These appear to be unit-less in WOD and according to '9.2 Salinity' in the WOD documentation (pp. 147-149) they are reported to hundredths with hundredths value always '0'. With new and higher precision instruments, a little cushion to thousandths might not be a bad idea."