Designator	Parameter	Units	Notes
$AOML001	Metadata record		
$AOML002	TSG DATA Record		
WMOID	Ship Call Sign		
SHIPN	Ship Name		
IMONO	IMO Number		
TSGMOD	(SBE45) TSG Model		
TSGSN	(SBE45) TSG Serial Number		
ILEN	(SBE45) Length of pipe from water intake to TSG unit SBE45	meters	
IDP	(SBE45) TSG intake depth	meters	
DCAL	(SBE45) TSG Calibration Date		
COTG	(SBE45) TSG Temperature Coefficient G		
COTH	(SBE45) TSG Temperature Coefficient H		
COTI	(SBE45) TSG Temperature Coefficient I		
COTJ	(SBE45) TSG Temperature Coefficient J		
COTF0	(SBE45) TSG Temperature Coefficient F0		Not in v9
COCA	(SBE21) TSG Conductivity Coefficient A		Not in v9
COCB	(SBE21) TSG Conductivity Coefficient B		Not in v9
COCC	(SBE21) TSG Conductivity Coefficient C		Not in v9
COCD	(SBE21) TSG Conductivity Coefficient D		Not in v9
COCM	(SBE21) TSG Conductivity Coefficient M		Not in v9
COCG	(SBE45) TSG Conductivity Coefficient G		
COCH	(SBE45) TSG Conductivity Coefficient H		
COCI	(SBE45) TSG Conductivity Coefficient I		
COCJ	(SBE45) TSG Conductivity Coefficient J		
COCPR	(SBE45) TSG Conductivity Coefficient CPcor		
COCTR	(SBE45) TSG Conductivity Coefficient CTcor		
COCWB	(SBE45) TSG Conductivity Coefficient WBOTC		
EXTMOD	(SBE38) External temprature sensor model		
EXTSN	(SBE38) External temprature sensor serial number		
EXTTD	(SBE38) External temperature sensor intake depth	meters	
EXTTL	(SBE38) Length of pipe from water intake to the SBE38	meters	
EXTDCAL	(SBE38) External temperatrure sensor calibration date		
COA0	(SBE38) Temperature Coefficient A0		
COA1	(SBE38) Temperature Coefficient A1		
COA2	(SBE38) Temperature Coefficient A2		
COA3	(SBE38) Temperature Coefficient A3		
COSL	(SBE38) Temperature Slope		
COTO	(SBE38) Temperature Offset		
SSTMOD	Sea Surface Temperarture sensor (SST) model		Not in v9
SSTSN	(SST) serial number		Not in v9
SSTL	(SST) Length of pipe from water intake to SST sensor	meters	Not in v9
SSTD	(SST) depth	meters	Not in v9
SSTDCAL	(SST) calibration date		Not in v9
TEC	Technician name		
TECM	Technician email address		
TECP	Technician phone		
TECA	Alternate technician name		
TECAM	Alternate technician email address		
TECAP	Alternate technician phone		
YMD	Year, month, day	UTC	
HMS	Hour, minute, seconds	UTC	
LAT	Latitude	Degree North	
LON	Longitude	Degree East	
INT	SBE45 internal temperature*	Celsius	
SAL	SBE45 salinity*		
COND	SBE45 conductivity*	siemens/meter	
EXT	SBE38 external sensor temperature*	Celsius	
SST	Additional Sea Surface Temperature sensor temperature*	Celsius	

* All samples are instantaneous. No averaging

If an SBE21 is installed instead of an SBE45, the designators for the SBE45 should be used and, in addition,
the conductivity coefficient COCA, COCB, COCC, COCD, and COCM (PSS 1978) should be also included in the metadata

Last Update: 2012-12-14