

Service	_ <u> </u>					
	Report		RMA Number	7732	26	
Customer Info	ormation:					
Company	Oregon State Universit	у			Date	3/25/2014
Contact	Johna Winters					
PO Number	TBD					
Serial Number	er 031367					
Model Number	SBE 03-02/F					
Services Requ						
2. Replace star	pair Instrumentation. Idard impulse connecto tine Calibration Service	r(s) with NEW we	et-pluggable connec	ctor(s).		
Problems Fou	ınd:					
Services Perf	ormed:					
Performed in	itial diagnostic evaluati	on.				
2. Performed "Post Cruise" calibration of the temperature sensor.						
3. Installed NEW three pin wet-pluggable bulkhead connector(s).						
4. Performed internal inspection and O-ring replacement.						
5. Performed hydrostatic pressure test.						
6. Performed "Final" calibration of the temperature sensor.						
Special Notes:						



Service		_			
	RMA Numbe	er 77326			
Customer Information:					
Company	Oregon State University	Date 3/25/2014			
Contact	Johna Winters				
PO Number	TBD				
Serial Number	ber 032633				
Model Number	ber SBE 03F				
Services Requ	quested:				
2. Replace star	lepair Instrumentation. andard impulse connector(s) with NEW wet-pluggable con putine Calibration Service.	nnector(s).			
Problems Fou	ound:				
Services Performed:					
Performed initial diagnostic evaluation.					
2. Performed "Post Cruise" calibration of the temperature sensor.					
3. Installed NEW three pin wet-pluggable bulkhead connector(s).					
4. Performed internal inspection and O-ring replacement.					
5. Performed hydrostatic pressure test.					
6. Performed "Final" calibration of the temperature sensor.					
Special Notes:					

SBE SEA-BIRD ELECTRONICS, INC. 13431 NE 20th St. Bellevue, Washington 98005 USA

Service					
	RMA Number 77326				
Customer Info	ormation:				
Company	Oregon State University Date 3/25/2014				
Contact	Johna Winters				
PO Number	TBD				
Serial Numbe	r 041029				
Model Number	SBE 04				
Services Requ	uested:				
2. Replace stan	pair Instrumentation. dard impulse connector(s) with NEW wet-pluggable connector(s). tine Calibration Service.				
Problems Fou	ınd:				
	Penetrator on cell was found to have corrosion damage. Corrosion damage on O-ring seating serface by penetrator.				
Services Perfe	ormed:				
1. Performed in	itial diagnostic evaluation.				
2. Performed "F	2. Performed "Post Cruise" calibration of the conductivity sensor.				
3. Replaced the conductivity cell. *					
4. Installed NEW SBE 4 Conductivity sensor end cap. *					
5. Installed NEW three pin wet-pluggable bulkhead connector(s).					
6. Performed internal inspection and O-ring replacement.					
7. Performed hydrostatic pressure test.					
8. Performed "Final" calibration of the conductivity sensor.					
Special Notes					
* These services	s were performed at no charge, found after customer was already quoted.				



Customer Information: Company Oregon State University Contact Johna Winters PO Number TBD Serial Number 041030 Model Number SBE 04-02/0 Services Requested: 1. Evaluate/Repair Instrumentation. 2. Replace standard impulse connector(s) with NEW wet-pluggable connector(s). 3. Perform Routine Calibration Service. Problems Found: Services Performed: 1. Performed initial diagnostic evaluation. 2. Performed "Post Cruise" calibration of the conductivity sensor. 3. Installed NEW three pin wet-pluggable bulkhead connector(s). 4. Performed internal inspection and O-ring replacement.	Service	<u> </u>					
Company Oregon State University Contact Johna Winters PO Number TBD Serial Number 041030 Model Number SBE 04-02/0 Services Requested: 1. Evaluate/Repair Instrumentation. 2. Replace standard impulse connector(s) with NEW wet-pluggable connector(s). 3. Perform Routine Calibration Service. Problems Found: Services Performed: 1. Performed initial diagnostic evaluation. 2. Performed "Post Cruise" calibration of the conductivity sensor. 3. Installed NEW three pin wet-pluggable bulkhead connector(s). 4. Performed internal inspection and O-ring replacement.		Report		RMA Number	7732	26	
Contact Johna Winters PO Number TBD Serial Number 041030 Model Number SEE 04-02/0 Services Requested: 1. Evaluate/Repair Instrumentation. 2. Replace standard impulse connector(s) with NEW wet-pluggable connector(s). 3. Perform Routine Calibration Service. Problems Found: Services Performed: 1. Performed initial diagnostic evaluation. 2. Performed "Post Cruise" calibration of the conductivity sensor. 3. Installed NEW three pin wet-pluggable bulkhead connector(s). 4. Performed internal inspection and O-ring replacement.	Customer Info	ormation:					
Serial Number 041030 Model Number SBE 04-02/0 Services Requested: 1. Evaluate/Repair Instrumentation. 2. Replace standard impulse connector(s) with NEW wet-pluggable connector(s). 3. Perform Routine Calibration Service. Problems Found: Services Performed: 1. Performed initial diagnostic evaluation. 2. Performed "Post Cruise" calibration of the conductivity sensor. 3. Installed NEW three pin wet-pluggable bulkhead connector(s). 4. Performed internal inspection and O-ring replacement.	Company	Oregon State Universi	у			Date	3/25/2014
Serial Number 041030 Model Number SBE 04-02/0 Services Requested: 1. Evaluate/Repair Instrumentation. 2. Replace standard impulse connector(s) with NEW wet-pluggable connector(s). 3. Perform Routine Calibration Service. Problems Found: Services Performed: 1. Performed initial diagnostic evaluation. 2. Performed "Post Cruise" calibration of the conductivity sensor. 3. Installed NEW three pin wet-pluggable bulkhead connector(s). 4. Performed internal inspection and O-ring replacement.		Johna Winters					
Services Requested: 1. Evaluate/Repair Instrumentation. 2. Replace standard impulse connector(s) with NEW wet-pluggable connector(s). 3. Perform Routine Calibration Service. Problems Found: Services Performed: 1. Performed initial diagnostic evaluation. 2. Performed "Post Cruise" calibration of the conductivity sensor. 3. Installed NEW three pin wet-pluggable bulkhead connector(s). 4. Performed internal inspection and O-ring replacement.	PO Number	TBD					
Services Requested: 1. Evaluate/Repair Instrumentation. 2. Replace standard impulse connector(s) with NEW wet-pluggable connector(s). 3. Perform Routine Calibration Service. Problems Found: Services Performed: 1. Performed initial diagnostic evaluation. 2. Performed "Post Cruise" calibration of the conductivity sensor. 3. Installed NEW three pin wet-pluggable bulkhead connector(s). 4. Performed internal inspection and O-ring replacement.	Serial Number	er 041030					
1. Evaluate/Repair Instrumentation. 2. Replace standard impulse connector(s) with NEW wet-pluggable connector(s). 3. Perform Routine Calibration Service. Problems Found: Services Performed: 1. Performed initial diagnostic evaluation. 2. Performed "Post Cruise" calibration of the conductivity sensor. 3. Installed NEW three pin wet-pluggable bulkhead connector(s). 4. Performed internal inspection and O-ring replacement.	Model Number	SBE 04-02/0					
2. Replace standard impulse connector(s) with NEW wet-pluggable connector(s). 3. Perform Routine Calibration Service. Problems Found: Services Performed: 1. Performed initial diagnostic evaluation. 2. Performed "Post Cruise" calibration of the conductivity sensor. 3. Installed NEW three pin wet-pluggable bulkhead connector(s). 4. Performed internal inspection and O-ring replacement.	-						
Services Performed: 1. Performed initial diagnostic evaluation. 2. Performed "Post Cruise" calibration of the conductivity sensor. 3. Installed NEW three pin wet-pluggable bulkhead connector(s). 4. Performed internal inspection and O-ring replacement.	2. Replace star	ndard impulse connecto	r(s) with NEW w	et-pluggable connec	ctor(s).		
 Performed initial diagnostic evaluation. Performed "Post Cruise" calibration of the conductivity sensor. Installed NEW three pin wet-pluggable bulkhead connector(s). Performed internal inspection and O-ring replacement. 	Problems Fou	ınd:					
 Performed initial diagnostic evaluation. Performed "Post Cruise" calibration of the conductivity sensor. Installed NEW three pin wet-pluggable bulkhead connector(s). Performed internal inspection and O-ring replacement. 							
 Performed "Post Cruise" calibration of the conductivity sensor. Installed NEW three pin wet-pluggable bulkhead connector(s). Performed internal inspection and O-ring replacement. 	Services Perf	ormed:					
 Installed NEW three pin wet-pluggable bulkhead connector(s). Performed internal inspection and O-ring replacement. 	1. Performed in	itial diagnostic evaluati	on.				
Performed internal inspection and O-ring replacement.	2. Performed "Post Cruise" calibration of the conductivity sensor.						
	3. Installed NEW three pin wet-pluggable bulkhead connector(s).						
	4. Performed internal inspection and O-ring replacement.						
5. Performed hydrostatic pressure test.							
6. Performed "Final" calibration of the conductivity sensor.							
Special Notes:							



Service							
<u> </u>			RMA I	Number	773	326	
	Report		*				
Customer Info	ormation:						
Company	Oregon State University	ersity				Date	3/25/2014
Contact	Johna Winters					I	
PO Number	TBD						
Serial Number	o41898						
Model Numb	er SBE 04C						
Services Req	uested:						
 Evaluate/Repair Instrumentation. Replace standard impulse connector(s) with NEW wet-pluggable connector(s). Perform Routine Calibration Service. 							
Problems Fou	und:						
1. The conductivity cell was found to have been cracked at the end cap side of the cell. *							
Services Performed:							
Performed initial diagnostic evaluation.							
Special Notes:							
* Customer declined services.							



Service					
	Report 77326				
Customer Info	ormation:				
Company	Oregon State University Date 3/25/2014				
Contact	Johna Winters				
PO Number	TBD				
Serial Number	er 3212395-0089				
Model Number	SBE 32				
Services Requ	uested:				
	pair Instrumentation. ndard impulse connector(s) with NEW wet-pluggable connector(s).				
Problems Fou	und:				
Services Performed:					
	nternal inspection and O-ring replacement.				
Performed initial diagnostic evaluation.					
2. Installed NEW six pin wet-pluggable bulkhead connector(s).					
3. Installed NEW Heat treated actuator magnet(s), includes all required hardware and "O"-Rings					
4. Installed NEW SBE 32 insulator.					
5. Performed hydrostatic pressure test.					
6. Replaced anode(s).					
7. Performed complete system check and full diagnostic evaluation.					
Special Notes:					