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Table	Deployments	*		,		CE04OSPS-PC01B-4	A-CTDPFA109			
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Table	conductivity	NOV 2014	Feb 2015	May 2015	AUG 2015	NOV 2015	Feb 2016 Ma	2016 Aug 2016	NOV 2016 Feb 201	17
Content						Table 1	, , , , , , , , , , , , , , , , , , , ,	,,,,,		
Control   Cont	CE04OSPS-PC01B-4A-CTDPFA109	D00001	2014-08-30T09:16:00Z	2014-10-08T19:51:58Z	Testing instru	ument: No data collected.			NOT_OPERATIONAL	12177
Control   Cont	CE04OSPS-PC01B-4A-CTDPFA109	D00001	2014-08-30T09:16:00Z	2015-08-02T00:00:00Z	seawater_co	inductivity [Spikes in data]				
	CE04OSPS-PC01B-4A-CTDPFA109	D00001	2014-08-30T09:16:00Z	2015-08-02T00:00:00Z	conductivity	[Spikes in data]			NOT_OPERATIONAL	12179
Page	CE04OSPS-PC01B-4A-CTDPFA109	D00001	2014-11-06T00:25:49Z	2015-01-08T18:28:52Z	Data gap un	der investigation			NOT_OPERATIONAL	12179
MISCAMENITY	CE04OSPS		2014-12-07T19:45:00Z	2014-12-16T00:00:00Z	PFE down. H	HVPS1 MOV explosion, 800			NOT_OPERATIONAL	12264
Canadian	ctdpf_optode_sample	D00001	2015-01-07T07:32:00Z	2015-01-07T08:06:00Z	PNWGP Por	tland <-> Seattle outage	nge drive problems at OTB		NOT_AVAILABLE	12264
Security	ctdpf_optode_sample CE04OSPS		2015-01-30T23:08:24Z 2015-01-31T00:00:00Z	2015-02-05T21:13:35Z 2015-02-04T00:00:00Z	Intermittent p	partial data loss due to stora	age drive problems at OTB		NOT_AVAILABLE  NOT_OPERATIONAL	12179 12264
CERCIOPS	CE04OSPS-PC01B-4A-CTDPFA109		2015-03-07T23:06:04Z	2015-03-09T07:39:57Z	Data gap un	der investigation	ige drive problems at OTB		NOT_OPERATIONAL	12179
	CE04OSPS CE04OSPS		2015-03-21T14:10:00Z 2015-06-13T00:00:00Z	2015-03-22T04:20:00Z 2015-06-15T16:30:00Z	Gappy Data:	PNWGP outage due to Cit Network issues due to fire	that damaged fibers between			12264 12264
	ctdpf_optode_sample	D00001	2015-07-15T12:25:47Z	2015-08-02T00:00:00Z	Instrument o	perational up to July 1 201	5. Unknown status between		NOT_AVAILABLE	12177
CEMOSPP-C018-1-A-CTDPFA109   CEMOSPP-POTIS-1-A-CTDPFA109   CEMOS	dissolved_oxygen	D00002	2015-08-03T23:59:59Z	2015-08-05T06:47:21Z	Values are to	oo high exceeded 400 umol	kg-1			
CENOSPS   2016-03-000	CE04OSPS-PC01B-4A-CTDPFA109 CE04OSPS-PC01B-4A-CTDPFA109	D00002	2015-08-03T23:59:59Z 2015-08-03T23:59:59Z	2016-07-17T23:59:59Z 2016-07-17T23:59:59Z	seawater_co	enductivity [dropping in concepting in conductivity]				
cleft optode sample         CB 2016-01-07706.10000         2016-01-07706.52000Z         Four 1-minute outlages between Pertland and Seatlet due to maintenance         NOT_AMALABLE         12264           CBGAGSPS         CB 2016-03-10730:0800Z         2016-03-11703:0800Z         Pictor Pertland and Seatlet         MOT_AMALABLE         12264           CBGAGSPS         CB 2016-03-0718:0800Z         2016-03-20718:0800Z         2016-03-20718:0800Z         Pictor Pertland and Pacific City         MOT_AMALABLE         12264           CBGAGSPS         CB 2016-03-1783:0800Z         2016-07-20718:0300Z         2016-07-20718:0300Z         Pictor Pertland and Pacific City         MOT_AMALABLE         12264           CBMAGSPS         CD 2016-07-18703:000Z         2016-07-18703:000Z         2016-07-18703:000Z         Pictor Pertland and Placific City         MOT_AMALABLE         12264           CEMAGSPS-PC018-1A-CTOPFA109         D00003         2016-07-18700:000Z         2017-03-20718-07-20Z         Pertland-vision and Place Black Bluiding in Pertland - date exist         MOT_AMALABLE         12264           CEMAGSPS-PC018-1A-CTOPFA109         D00003         2018-07-18700:000Z         2017-03-20718-07-20Z         2017-03-20718-07-20Z         2017-03-20718-07-20Z         2017-03-20718-07-20Z         2017-03-20718-07-20Z         2017-03-20718-07-20Z         2017-03-20718-07-20Z         2017-03-07-207-20Z         2017-03-07-207-20Z         2017-	CE04OSPS	D00002	2015-08-29T00:00:00Z	2015-08-29T00:30:00Z	Gappy Data:	Outage during major utility		ance	NOT_OPERATIONAL	
CEMOSPS         CEMOSPS         2016-05-20T16-33300Z         2016-05-20T16-3300Z         2016-05-20T16-3300Z         2016-05-20T16-3300Z         2016-05-20T16-3300Z         2016-05-20T16-3300Z         2016-05-20T16-3300Z         2016-05-20T16-3300Z         2016-05-20T16-3300Z         2016-05-20T16-3300Z         2016-05-20T16-3500Z         2016-07-12703-510DZ         2016-07-12703-510DZ         2016-07-12703-510DZ         2016-07-12703-510DZ         2017-03-20T16-70DZ         2016-07-12703-510DZ         2017-03-20T16-70DZ         2017-03-00T16-70DZ         2017-03-00T1	ctdpf_optode_sample CE04OSPS		2016-01-07T06:10:00Z 2016-03-10T23:06:00Z	2016-01-07T06:52:00Z 2016-03-11T09:30:00Z	Four 1-minut	te outages between Portlan	d and Seattle due to mainten		NOT_AVAILABLE NOT_OPERATIONAL	12264 12264
CEMOSPS         CEMOSPS-PCOILS ALGOTIDEATOR         2016-07-12702-53000         2016-07-12702-531000         CHEMOSPS-PCOILS ALGOTIDEATOR	CE04OSPS		2016-05-20T16:33:00Z	2016-05-20T18:04:00Z	Fiber break t	petween Portland and Pacif	ic City		NOT_OPERATIONAL	12264
CE04OSPS-PC01B-AA-CTDPFA109         D00003         2016-07-19T08.00.002         2017-09-20T18.97-04Z         density [dropping in conductivity]         Covalis data center lost power - data exist         12264           CE04OSPS         2016-12-22T11.80.00.002         2016-12-22T11.90.00.002         2016-12-22T11.90.00.002         2016-12-22T11.90.00.002         2016-12-22T11.90.00.002         2017-01-08T19.80.00.002         2017-01-08T19.80.00.002         2017-01-08T19.80.00.002         2017-01-08T19.80.00.002         2017-01-08T19.80.00.002         2017-01-08T19.80.00.002         2017-01-08T19.80.00.002         2017-01-08T20.20.0002         2017-01-08T20.20.0002         2017-01-09T20.20.0002	CE04OSPS CE04OSPS-PC01B-4A-CTDPFA109		2016-07-12T02:53:00Z 2016-07-19T08:00:00Z	2016-07-12T03:51:00Z 2017-03-20T19:57:04Z	Unexplained practical_sal	loss of power at Pittock Buinity [dropping in conductivi	ilding in Portland - data exist			
CE040SPS         2017-01-08T19:58:002         2017-01-08T21-41:002         Network outlage during major Seattle utility power failure - data exist         12264         12264           CE040SPS         2017-01-09T18:30:532         2017-01-09T20:25:002         Lightning strike in Pacific City led to isolation of both cable lines from shore station equipment, when Power Feed Equipment High Voltage Opening Switches operated. All deployed infrastructure went offline.         NOT_OPERATIONAL         11776           CE040SPS-PC018-4A-CTDPFA109         D00003         2017-01-09T18:30:532         2017-01-11T01:02:522         CTD offline because of power interruption caused by lightning strike in Pacific City in close proximity to shore station.         NOT_OPERATIONAL         11776           CE040SPS-PC018-4A-CTDPFA109         D00003         2017-01-09T120:25:002         C17-01-11T01:02:522         CTD offline because of power interruption caused by lightning strike in Pacific City in close proximity to shore station.         NOT_AVAILABLE         11776           CE040SPS-PC018-4A-CTDPFA109         D00003         2017-01-11T01:02:522         C17-03-11T00:00:002         CID offline because of power interruption caused by lightning strike in Pacific City in close proximity to shore station.         NOT_AVAILABLE         11776           CE040SPS-PC018-4A-CTDPFA109         D00003         2017-02-15T1.00:002         O17-03-01T00:00:002         Cid le_cxygen [spikes in data]         discoved_cxygen [spikes in data]         discoved_cxygen [spikes in data]         NO	CE04OSPS-PC01B-4A-CTDPFA109		2016-07-19T08:00:00Z	2017-03-20T19:57:04Z	density [drop	oping in conductivity]				12264
cldpf. optode_sample         2017-01-09T18:30:532         2017-01-09T20:25:002         Lightning strike in Pacific City led to isolation of both cable lines from shore station equipment, when Power Feed Equipment High Voltage Opening Switches operated. All deployed infrastructure went offline.         NOT_AVAILABLE         11776           CE040SPS-PC018-4A-CTDFFA109         000003         2017-01-09T20:25:002         2017-01-11T01:02:52Z         CTD offline because of power interruption caused by lightning strike in Pacific City in close proximity to shore in NoT_AVAILABLE         11776           CE040SPS-PC018-4A-CTDFFA109         000003         2017-01-109T20:25:002         2017-03-11T01:00:252Z         CIT offline because of power interruption caused by lightning strike in Pacific City in close proximity to shore in NoT_AVAILABLE         11776           CE040SPS-PC018-4A-CTDFFA109         000003         2017-01-11T01:02:52Z         2017-03-01T00:00:00Z         cld:c.oxygen [spikes in data]	CE04OSPS		2017-01-08T19:58:00Z	2017-01-08T21:41:00Z	Network out	age during major Seattle uti	lity power failure - data exist ation of both cable lines from		NOT_OPERATIONAL	12264
CE04OSPS-PC01B-4A-CTDPFA109  D00003  D00003  D017-01-09T18:30:532Z  D017-01-11T01:02:52Z  D017-01-11T01:02:52Z					Feed Equipm	nent High Voltage Opening ike in Pacific City led to isol	Switches operated. All deplo	yed infrastructure went offline. shore station equipment, when Power		
CE04OSPS-PC01B-4A-CTDPFA109D000032017-01-11T01:02:52Z2017-03-01T00:00:00Zctd_tc_oxygen [spikes in data]CE04OSPS-PC01B-4A-CTDPFA109D000032017-01-11T01:02:52Z2017-03-01T00:00:00Zdissolved_oxygen [spikes in data]CE04OSPSCE04OSPS2017-02-07T13:00:00Z2017-02-07T15:00:00ZOutage during PNWGP 1-hour router-maintenance - data exist with gap(s)CE04OSPS2017-02-15T14:43:05Z2017-02-15T17:16:00ZPower Feed Equipment failure during major utility power issues related to lightning strike on Pacific City electrical sub-station. All deployed infrastructure went offline. Power was restored on February 16. No hardware issue subsea was identifiedNOT_OPERATIONAL electrical sub-station. All deployed infrastructure went offline. Power was restored on February 16. No hardware issue subsea was identified.CE04OSPS-PC01B-4A-CTDPFA109D00032017-02-15T14:43:05Z2017-02-16T23:12:03ZCTD offline because of power interruption caused by lightning strike in Pacific City in close proximity to shoreNOT_OPERATIONAL station.11998Ctdpt_optode_sampleD000032017-02-15T17:16:00Z2017-02-16T23:12:03ZCTD offline because of power interruption caused by lightning strike in Pacific City in close proximity to shoreNOT_OPERATIONAL11998	CE04OSPS-PC01B-4A-CTDPFA109	D00003	2017-01-09T18:30:53Z	2017-01-11T01:02:52Z	CTD offline b				NOT_OPERATIONAL	11776
CE04OSPS  2017-02-07T13:00:00Z  2017-02-15T14:43:05Z  2017-02-15T14:43:05Z  2017-02-15T14:43:05Z  2017-02-15T17:16:00Z  2017-02-15T14:43:05Z  2017-02-15T17:16:00Z  2017-02-15T14:43:05Z  2017-02-15T17:16:00Z  2017-02-15T14:43:05Z  2017-02-15T17:16:00Z  2017-02-15T14:43:05Z  2017-02-15T17:16:00Z  2017-02-15T1					station.		on caused by lightning strike	in Pacific City in close proximity to shore	NOT_AVAILABLE	11776
electrical sub-station. All deployed infrastructure went offline. Power was restored on February 16. No hardware issue subsea was identified.  ctdpf_optode_sample  2017-02-15T14:43:05Z  2017-02-15T17:16:00Z  Power Feed Equipment failure during major utility power issues related to lightning strike on Pacific City electrical sub-station. All deployed infrastructure went offline. Power was restored on February 16. No  CE040SPS-PC01B-4A-CTDPFA109  D00003  2017-02-15T14:43:05Z  2017-02-16T23:12:03Z  CTD offline because of power interruption caused by lightning strike in Pacific City in close proximity to shore NOT_OPERATIONAL  11998  ctdpf_optode_sample  D00003  2017-02-15T17:16:00Z  2017-02-16T23:12:03Z  CTD offline because of power interruption caused by lightning strike in Pacific City in close proximity to shore NOT_AVAILABLE  11998	CE04OSPS	D00003	2017-02-07T13:00:00Z	2017-02-07T15:00:00Z	Outage durir	ng PNWGP 1-hour router-m				
hardware issue subsea was identified.  CE040SPS-PC01B-4A-CTDPFA109  D00003  D0					electrical sub hardware iss Power Feed	p-station. All deployed infra sue subsea was identified. Equipment failure during m	structure went offline. Power ajor utility power issues relat	was restored on February 16. No ed to lightning strike on Pacific City		
	CE04OSPS-PC01B-4A-CTDPFA109	D00003	2017-02-15T14:43:05Z	2017-02-16T23:12:03Z	hardware iss	ue subsea was identified.		·	NOT_OPERATIONAL	11998
	ctdpf_optode_sample	D00003	2017-02-15T17:16:00Z	2017-02-16T23:12:03Z	CTD offline b	pecause of power interruption	on caused by lightning strike	in Pacific City in close proximity to shore	NOT_AVAILABLE	11998