



Level	Deployment	StartTime	EndTime	Annotation	Status
CE04OSPS-PC01B-4A-CTDPFA109	D00001	2014-08-30T09:16:00Z	2014-10-08T19:51:58Z	Testing instrument: No data collected.	NOT_OPERATIONAL
ctdpf_optode_sample	D00001	2014-08-30T09:16:00Z	2014-10-08T19:51:58Z	Testing instrument: No data collected.	NOT_AVAILABLE
CE04OSPS-PC01B-4A-CTDPFA109	D00001	2014-11-04T16:05:39Z	2014-11-05T19:25:40Z	Data gap under investigation.	NOT_OPERATIONAL
ctdpf_optode_sample	D00001	2014-11-04T16:05:39Z	2014-11-05T19:25:40Z	Data gap under investigation.	NOT_AVAILABLE
CE04OSPS-PC01B-4A-CTDPFA109	D00001	2014-11-06T00:25:49Z	2015-01-08T18:28:52Z	Data gap under investigation.	NOT_OPERATIONAL
ctdpf_optode_sample	D00001	2014-11-06T00:25:49Z	2015-01-08T18:28:52Z	Data gap under investigation.	NOT_AVAILABLE
CE04OSPS		2014-12-07T19:45:00Z	2014-12-16T00:00:00Z	PFE down. HVPS1 MOV explosion, 800A breaker tripped, investigation and restoration.	NOT_OPERATIONAL
ctdpf_optode_sample		2014-12-07T19:45:00Z	2014-12-16T00:00:00Z	PFE down. HVPS1 MOV explosion, 800A breaker tripped, investigation and restoration.	NOT_AVAILABLE
CE04OSPS		2015-01-07T07:32:00Z	2015-01-07T08:06:00Z	PNWGP Portland <-> Seattle outage.	NOT_OPERATIONAL
ctdpf_optode_sample		2015-01-07T07:32:00Z	2015-01-07T08:06:00Z	PNWGP Portland <-> Seattle outage.	NOT_AVAILABLE
CE04OSPS-PC01B-4A-CTDPFA109	D00001	2015-01-30T23:08:24Z	2015-02-05T21:13:35Z	Intermittent partial data loss due to storage drive problems at OTB.	NOT_OPERATIONAL
ctdpf_optode_sample	D00001	2015-01-30T23:08:24Z	2015-02-05T21:13:35Z	Intermittent partial data loss due to storage drive problems at OTB.	NOT_AVAILABLE
CE04OSPS		2015-01-31T00:00:00Z	2015-02-04T00:00:00Z	Intermittent partial data loss due to storage drive problems at OTB.	NOT_OPERATIONAL
ctdpf_optode_sample		2015-01-31T00:00:00Z	2015-02-04T00:00:00Z	Intermittent partial data loss due to storage drive problems at OTB.	NOT_AVAILABLE
CE04OSPS-PC01B-4A-CTDPFA109	D00001	2015-03-07T23:06:04Z	2015-03-09T07:39:57Z	Data gap under investigation.	NOT_OPERATIONAL
ctdpf_optode_sample	D00001	2015-03-07T23:06:04Z	2015-03-09T07:39:57Z	Data gap under investigation.	NOT_AVAILABLE
CE04OSPS		2015-03-21T14:10:00Z	2015-03-22T04:20:00Z	Gappy Data: PNWGP outage due to City of Seattle fiber cable work.	
CE04OSPS		2015-06-13T00:00:00Z	2015-06-15T16:30:00Z	Gappy Data: Network issues due to fire that damaged fibers between Portland and Seattle.	
CE04OSPS-PC01B-4A-CTDPFA109	D00001	2015-07-15T12:25:47Z	2015-08-02T00:00:00Z	Instrument operational up to July 1 2015. Unknown status between July 1 and Aug 6 2015.	NOT_OPERATIONAL
ctdpf_optode_sample	D00001	2015-07-15T12:25:47Z	2015-08-02T00:00:00Z	Instrument operational up to July 1 2015. Unknown status between July 1 and Aug 6 2015.	NOT_AVAILABLE
ctd_tc_oxygen	D00002	2015-08-03T23:59:59Z	2015-08-05T06:47:21Z	Values are too high exceeded 400 umol L-1.	FAIL
dissolved_oxygen	D00002	2015-08-03T23:59:59Z	2015-08-05T06:47:21Z	Values are too high exceeded 400 umol kg-1.	FAIL
oxygen	D00002	2015-08-03T23:59:59Z	2015-08-05T06:47:21Z	Values are too high exceeded 400 umol L-1.	FAIL
CE04OSPS		2015-08-29T00:00:00Z	2015-08-29T00:30:00Z	Gappy Data: Outage during major utility power failure in Seattle.	
CE04OSPS		2016-01-07T06:10:00Z	2016-01-07T06:52:00Z	Four 1-minute outages between Portland and Seattle due to maintenance.	NOT_OPERATIONAL
ctdpf_optode_sample		2016-01-07T06:10:00Z	2016-01-07T06:52:00Z	Four 1-minute outages between Portland and Seattle due to maintenance.	NOT_AVAILABLE
CE04OSPS		2016-03-10T23:06:00Z	2016-03-11T09:30:00Z	Fiber break between Portland and Seattle.	NOT_OPERATIONAL
ctdpf_optode_sample		2016-03-10T23:06:00Z	2016-03-11T09:30:00Z	Fiber break between Portland and Seattle.	NOT_AVAILABLE
CE04OSPS		2016-05-20T16:33:00Z	2016-05-20T18:04:00Z	Fiber break between Portland and Pacific City.	NOT_OPERATIONAL
ctdpf_optode_sample		2016-05-20T16:33:00Z	2016-05-20T18:04:00Z	Fiber break between Portland and Pacific City.	NOT_AVAILABLE
CE04OSPS		2016-07-12T02:53:00Z	2016-07-12T03:51:00Z	Unexplained loss of power at Pittock Building in Portland - data exist.	
CE04OSPS		2016-12-17T18:00:00Z	2016-12-17T19:00:00Z	Corvalis data center lost power - data exist.	
CE04OSPS		2016-12-22T01:50:00Z	2016-12-23T12:44:00Z	Fiber break in Portland due to train crash - data exist.	
CE04OSPS		2017-01-08T19:58:00Z	2017-01-08T21:41:00Z	Network outage during major Seattle utility power failure - data exist.	
CE04OSPS		2017-01-09T18:30:53Z	2017-01-09T20:25:00Z	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
ctdpf_optode_sample		2017-01-09T18:30:53Z	2017-01-09T20:25:00Z	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
CE04OSPS-PC01B-4A-CTDPFA109	D00003	2017-01-09T18:30:53Z	2017-01-11T01:02:52Z	CTD offline because of power interruption caused by lightning strike in Pacific City in close proximity to shore station.	NOT_OPERATIONAL
ctdpf_optode_sample	D00003	2017-01-09T20:25:00Z	2017-01-11T01:02:52Z	CTD offline because of power interruption caused by lightning strike in Pacific City in close proximity to shore station.	NOT_AVAILABLE
CE04OSPS		2017-02-07T13:00:00Z	2017-02-07T15:00:00Z	Outage during PNWGP 1-hour router-maintenance - data exist with gap(s).	
CE04OSPS		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 hardware issue subsea was identified.	NOT_OPERATIONAL
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 hardware issue subsea was identified.	NOT_AVAILABLE
CE04OSPS-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 station.	NOT_OPERATIONAL
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 station.	NOT_AVAILABLE