



Level	Deployment	StartTime	EndTime	Annotation	Status
CE02SHBP		2017-02-15T14:43:06	2017-02-15T17:16:00	On Wednesday, February 15, power to the North and South cable lines of the Cabled Array was interrupted and all deployed infrastructure went offline. Power was restored on February 16. No hardware issue subsea was identified.	NOT_OPERATIONAL
CE02SHBP		2017-01-09T18:32:00	2017-01-09T21:30:00	Lightning strike in Pacific City led to data interruption through isolation of both cable lines from shore station equipment.	NOT_OPERATIONAL
CE02SHBP		2017-02-07T13:00:00	2017-02-07T15:00:00	Outage during PNWGP 1-hour router-maintenance	
CE02SHBP		2017-01-08T19:58:00	2017-01-08T21:41:00	Network outage during major Seattle utility power failure	
CE02SHBP		2016-12-22T01:50:00	2016-12-23T12:44:00	Fiber break in Portland due to train crash	
CE02SHBP		2016-12-17T18:00:00	2016-12-17T19:00:00	Corvalis data center lost power	
CE02SHBP		2016-07-12T02:53:00	2016-07-12T03:51:00	Unexplained loss of power at Pittock Building in Portland	
CE02SHBP		2016-05-20T16:33:00	2016-05-20T18:04:00	Fiber break between Portland and Pacific City	
CE02SHBP		2016-03-10T23:06:00	2016-03-11T09:30:00	Fiber break between Portland and Seattle	
CE02SHBP		2016-01-07T06:10:00	2016-01-07T06:52:00	Four 1-minute outages between Portland and Seattle due to maintenance	
CE02SHBP		2015-08-29T00:00:00	2015-08-29T00:30:00	Outage during major utility power failure in Seattle	
CE02SHBP		2015-06-13T00:00:00	2015-06-15T16:30:00	Network issues due to fire that damaged fibers between Portland and Seattle	
CE02SHBP		2015-03-21T14:10:00	2015-03-22T04:20:00	PNWGP outage due to City of Seattle fiber cable work	
CE02SHBP		2015-01-31T00:00:00	2015-02-04T00:00:00	Intermittent partial data loss due to storage drive problems at OTB	
CE02SHBP		2015-01-07T07:32:00	2015-01-07T08:06:00	PNWGP Portland <-> Seattle outage	
CE02SHBP		2014-12-07T19:45:00	2014-12-16T00:00:00	PFE down. HVPS1 MOV explosion, 800A breaker tripped, investigation and restoration	
ctdbp_no_sample	D00001	2014-09-10T15:43:00Z	2014-09-25T18:17:58Z	Exact cause of data gap at beginning of deployment currently unknown. Most likely due to testing as the instrument was coming online.	NOT_AVAILABLE
ctdbp_no_sample	D00001	2014-09-25T18:17:58Z	2014-11-04T16:05:52Z		AVAILABLE
ctdbp_no_sample	D00001	2014-11-04T16:05:52Z	2014-11-05T19:04:12Z		NOT_AVAILABLE
ctdbp_no_sample	D00001	2014-11-05T19:04:12Z	2014-11-14T18:23:38Z		AVAILABLE
ctdbp_no_sample	D00001	2014-11-14T18:23:38Z	2014-11-17T18:05:43Z		NOT_AVAILABLE
ctdbp_no_sample	D00001	2014-11-17T18:05:43Z	2014-12-07T20:59:40Z		AVAILABLE
ctdbp_no_sample	D00001	2014-12-07T20:59:40Z	2014-12-16T22:38:15Z	PFE down. HVPS1 MOV explosion, 800A breaker tripped, investigation and restoration	NOT_AVAILABLE
ctdbp_no_sample	D00001	2014-12-16T22:38:15Z	2015-01-31T23:59:59Z		AVAILABLE
ctdbp_no_sample	D00001	2015-01-31T23:59:59Z	2015-02-03T09:56:42Z	Intermittent partial data loss due to storage drive problems at OTB	NOT_AVAILABLE
ctdbp_no_sample	D00001	2015-02-03T09:56:42Z	2015-02-26T16:51:09Z		AVAILABLE
ctdbp_no_sample	D00001	2015-02-26T16:51:09Z	2015-03-02T20:23:28Z		NOT_AVAILABLE
ctdbp_no_sample	D00001	2015-03-02T20:23:28Z	2015-03-07T23:00:52Z		AVAILABLE
ctdbp_no_sample	D00001	2015-03-07T23:00:52Z	2015-03-09T07:39:59Z		NOT_AVAILABLE
ctdbp_no_sample	D00001	2015-03-09T07:39:59Z	2015-06-22T23:53:29Z		AVAILABLE
ctdbp_no_sample	D00001	2015-06-22T23:53:29Z	2015-06-25T21:03:40Z		NOT_AVAILABLE
ctdbp_no_sample	D00001	2015-06-25T21:03:40Z	2015-06-27T14:28:22Z		AVAILABLE
ctdbp_no_sample	D00001	2015-06-27T14:28:22Z	2015-06-30T16:59:54Z		NOT_AVAILABLE
ctdbp_no_sample	D00001	2015-06-30T16:59:54Z	2015-07-09T00:37:35Z		AVAILABLE
ctdbp_no_sample	D00001	2015-07-09T00:37:35Z	2015-07-10T17:00:31Z		NOT_AVAILABLE
ctdbp_no_sample	D00001	2015-07-10T17:00:31Z	2015-07-31T17:52:18Z		AVAILABLE
ctdbp_no_sample	D00002	2015-08-02T19:53:33Z	2016-04-20T16:33:13Z		AVAILABLE
ctdbp_no_sample	D00002	2016-04-20T16:33:13Z	2016-04-28T20:56:59Z		NOT_AVAILABLE
ctdbp_no_sample	D00002	2016-04-28T20:56:59Z	2016-05-02T06:09:33Z		AVAILABLE
ctdbp_no_sample	D00002	2016-05-02T06:09:33Z	2016-07-21T00:00:00Z	GFD high topped out at ~800μA, and instrument appeared to stop/start outputting data when not commanded to do so. Current draw dropped to zero, but at one point still seeing data out. Due to large GFD and erratic behavior, port powered off.	NOT_AVAILABLE
ctdbp_no_sample	D00003	2016-07-22T22:50:00Z	2016-07-25T19:04:58Z	Exact cause of data gap at beginning of deployment currently unknown. Most likely due to testing as the instrument was coming online.	NOT_AVAILABLE
ctdbp_no_sample	D00003	2016-07-25T19:04:58Z	2017-01-09T18:30:52Z		AVAILABLE
ctdbp_no_sample	D00003	2017-01-09T18:30:52Z	2017-01-11T01:21:16Z	Lightning strike in Pacific City led to data interruption through isolation of both cable lines from shore station equipment.	NOT_AVAILABLE
ctdbp_no_sample	D00003	2017-01-11T01:21:16Z	2017-02-15T14:43:05Z	Lightning strike in Pacific City led to data interruption through isolation of both cable lines from shore station equipment.	AVAILABLE
ctdbp_no_sample	D00003	2017-02-15T14:43:05Z	2017-02-16T22:20:48Z	On Wednesday, February 15, power to the North and South cable lines of the Cabled Array was interrupted and all deployed infrastructure went offline. Power was restored on February 16. No hardware issue subsea was identified.	NOT_AVAILABLE
ctdbp_no_sample	D00003	2017-02-16T22:20:48Z	2017-03-29T14:00:12Z		AVAILABLE
density	D00001			Few isolated spikes in the data record	
practical_salinity	D00001			Few isolated spikes in the data record	
conductivity	D00001			Few isolated spikes in the data record	
ctdbp_no_seawater_conductivity	D00001			Few isolated spikes in the data record	
dissolved_oxygen	D00001	2015-06-17T00	2015-06-23T00	Stuck values make these data suspect during this time range	SUSPECT
dissolved_oxygen	D00001	2015-03-02T20	2015-03-30T19	Stuck values make these data suspect during this time range	SUSPECT
ctd_tc_oxygen	D00001	2015-06-17T00	2015-06-23T00	Stuck values make these data suspect during this time range	SUSPECT
ctd_tc_oxygen	D00001	2015-03-02T20	2015-03-30T19	Stuck values make these data suspect during this time range	SUSPECT
seawater_temperature	D00001			Few isolated spikes in the data record	
oxygen	D00001	2015-06-17T00	2015-06-23T00	Stuck values make these data suspect during this time range	SUSPECT
oxygen	D00001	2015-03-02T20	2015-03-30T19	Stuck values make these data suspect during this time range	SUSPECT
oxy_temp	D00001	2015-06-17T00	2015-06-23T00	Stuck values make these data suspect during this time range	SUSPECT
oxy_temp	D00001	2015-03-02T20	2015-03-30T19	Stuck values make these data suspect during this time range	SUSPECT