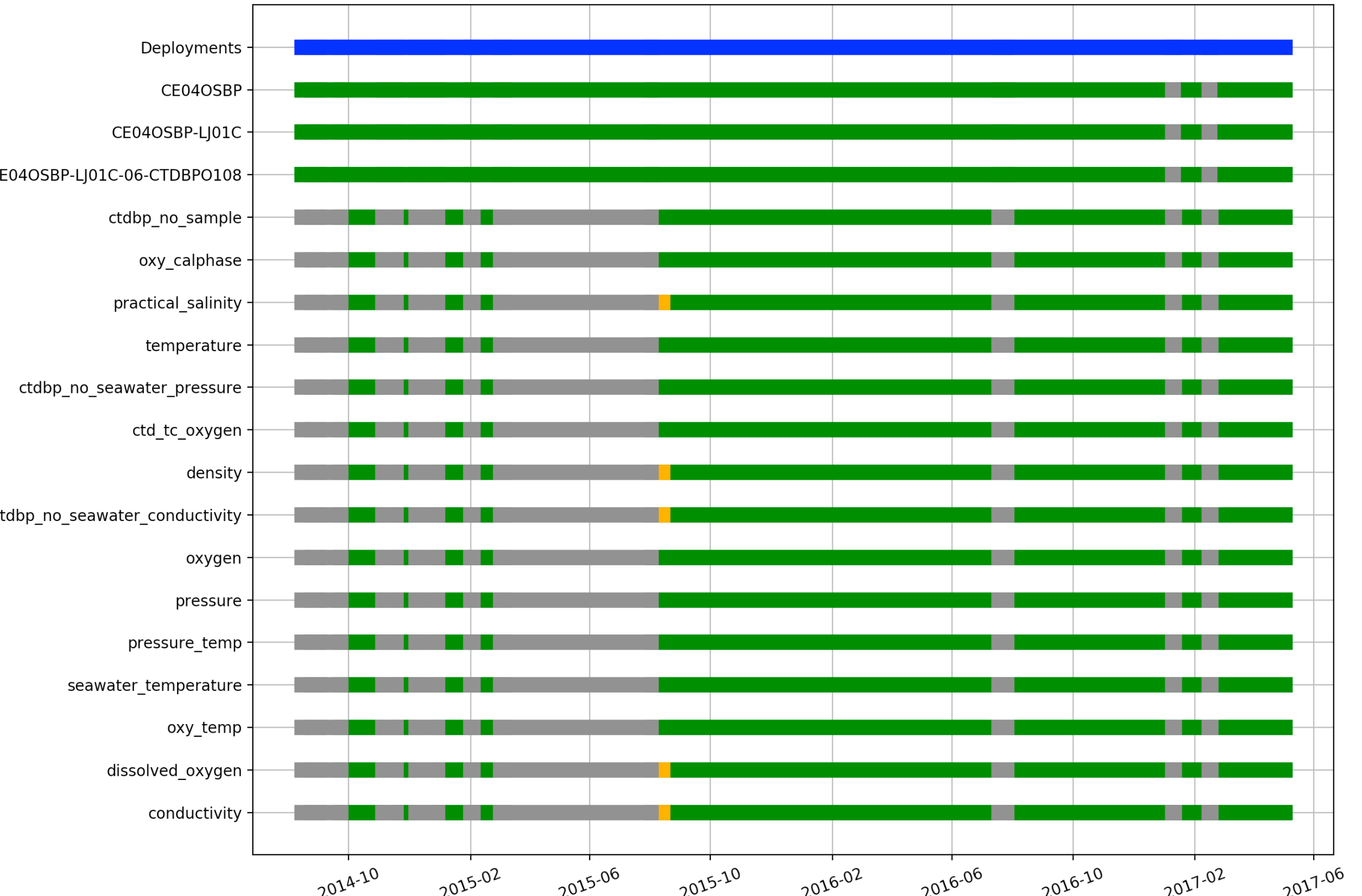


CE04OSBP-LJ01C-06-CTDBPO108



| Level                          | Deployment | StartTime            | EndTime              | Annotation  | Status          | Redmine# |
|--------------------------------|------------|----------------------|----------------------|---|-----------------|----------|
| ctdbp_no_sample                | D00001     | 2014-08-15T00:12:00Z | 2014-08-25T18:50:41Z |   | NOT_AVAILABLE   |          |
| ctdbp_no_sample                | D00001     | 2014-08-31T19:13:27Z | 2014-09-22T22:42:44Z |   | NOT_AVAILABLE   |          |
| ctdbp_no_sample                | D00001     | 2014-11-04T16:05:51Z | 2014-11-05T18:56:20Z |   | NOT_AVAILABLE   |          |
| ctdbp_no_sample                | D00001     | 2014-11-14T18:36:38Z | 2014-11-17T18:03:22Z |   | NOT_AVAILABLE   |          |
| CE04OSBP                       |            | 2014-12-07T19:45:00Z | 2014-12-16T00:00:00Z | PFE down. HVPS1 MOV explosion, 800A breaker tripped, investigation and restoration  |                 | 12264    |
| ctdbp_no_sample                | D00001     | 2014-12-07T20:59:40Z | 2014-12-16T22:29:37Z |   | NOT_AVAILABLE   |          |
| ctdbp_no_sample                | D00001     | 2014-12-16T23:44:08Z | 2014-12-29T20:30:01Z |   | NOT_AVAILABLE   |          |
| CE04OSBP                       |            | 2015-01-07T07:32:00Z | 2015-01-07T08:06:00Z | PNWGP Portland <-> Seattle outage   |                 | 12264    |
| CE04OSBP                       |            | 2015-01-31T00:00:00Z | 2015-02-04T00:00:00Z | Intermittent partial data loss due to storage drive problems at OTB   |                 | 12264    |
| ctdbp_no_sample                | D00001     | 2015-01-31T23:59:59Z | 2015-02-03T09:56:15Z |   | NOT_AVAILABLE   |          |
| ctdbp_no_sample                | D00001     | 2015-03-03T02:16:22Z | 2015-03-06T19:57:13Z |   | NOT_AVAILABLE   |          |
| ctdbp_no_sample                | D00001     | 2015-03-06T19:58:48Z | 2015-08-02T00:00:00Z |   | NOT_AVAILABLE   |          |
| CE04OSBP                       |            | 2015-03-21T14:10:00Z | 2015-03-22T04:20:00Z | PNWGP outage due to City of Seattle fiber cable work  |                 | 12264    |
| CE04OSBP                       |            | 2015-06-13T00:00:00Z | 2015-06-15T16:30:00Z | Network issues due to fire that damaged fibers between Portland and Seattle   |                 | 12264    |
| practical_salinity             | D00002     | 2015-08-12T01:00:00Z | 2015-08-14T02:00:00Z | Unusual drop in conductivity values.  | SUSPECT         |          |
| density                        | D00002     | 2015-08-12T01:00:00Z | 2015-08-14T02:00:00Z | Unusual drop in conductivity values.  | SUSPECT         |          |
| ctdbp_no_seawater_conductivity | D00002     | 2015-08-12T01:00:00Z | 2015-08-14T02:00:00Z | Unusual drop in conductivity values.  | SUSPECT         |          |
| dissolved_oxygen               | D00002     | 2015-08-12T01:00:00Z | 2015-08-14T02:00:00Z | Unusual drop in conductivity values.  | SUSPECT         |          |
| conductivity                   | D00002     | 2015-08-12T01:00:00Z | 2015-08-14T02:00:00Z | Unusual drop in conductivity values.  | SUSPECT         |          |
| CE04OSBP                       |            | 2015-08-29T00:00:00Z | 2015-08-29T00:30:00Z | Outage during major utility power failure in Seattle  |                 | 12264    |
| CE04OSBP                       |            | 2016-01-07T06:10:00Z | 2016-01-07T06:52:00Z | Four 1-minute outages between Portland and Seattle due to maintenance   |                 | 12264    |
| CE04OSBP                       |            | 2016-03-10T23:06:00Z | 2016-03-11T09:30:00Z | Fiber break between Portland and Seattle  |                 | 12264    |
| CE04OSBP                       |            | 2016-05-20T16:33:00Z | 2016-05-20T18:04:00Z | Fiber break between Portland and Pacific City   |                 | 12264    |
| CE04OSBP                       |            | 2016-07-12T02:53:00Z | 2016-07-12T03:51:00Z | Unexplained loss of power at Pittock Building in Portland   |                 | 12264    |
| ctdbp_no_sample                | D00002     | 2016-07-18T00:42:58Z | 2016-07-19T21:06:56Z |   | NOT_AVAILABLE   |          |
| ctdbp_no_sample                | D00003     | 2016-07-22T22:50:00Z | 2016-07-25T19:51:39Z |   | NOT_AVAILABLE   |          |
| CE04OSBP                       |            | 2016-12-17T18:00:00Z | 2016-12-17T19:00:00Z | Corvallis data center lost power  |                 | 12264    |
| CE04OSBP                       |            | 2016-12-22T01:50:00Z | 2016-12-23T12:44:00Z | Fiber break in Portland due to train crash  |                 | 12264    |
| CE04OSBP                       |            | 2017-01-08T19:58:00Z | 2017-01-08T21:41:00Z | Network outage during major Seattle utility power failure   |                 | 12264    |
| ctdbp_no_sample                | D00003     | 2017-01-09T18:30:53Z | 2017-01-11T01:16:53Z |   | NOT_AVAILABLE   |          |
| CE04OSBP                       |            | 2017-01-09T18:32:00Z | 2017-01-09T21:30:00Z | Lightning strike in Pacific City led to data interruption through isolation of both cable lines from shore station equipment.   | NOT_OPERATIONAL | 11776    |
| CE04OSBP                       |            | 2017-02-07T13:00:00Z | 2017-02-07T15:00:00Z | Outage during PNWGP 1-hour router-maintenance   |                 | 12264    |
| ctdbp_no_sample                | D00003     | 2017-02-15T14:43:05Z | 2017-02-16T22:27:12Z |   | NOT_AVAILABLE   |          |
| CE04OSBP                       |            | 2017-02-15T14:43:06Z | 2017-02-15T17:16:00Z | 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 | 11998    |