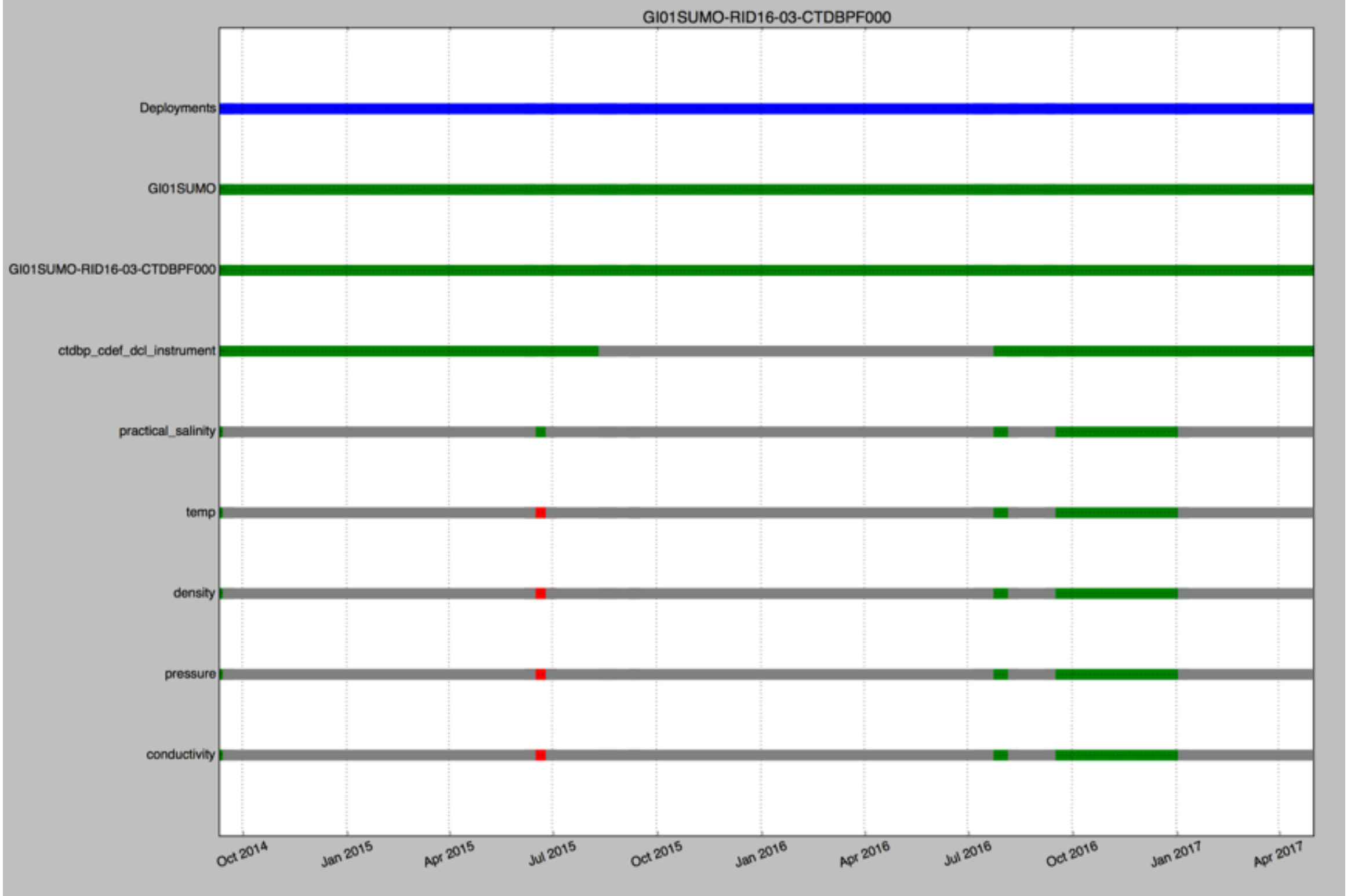
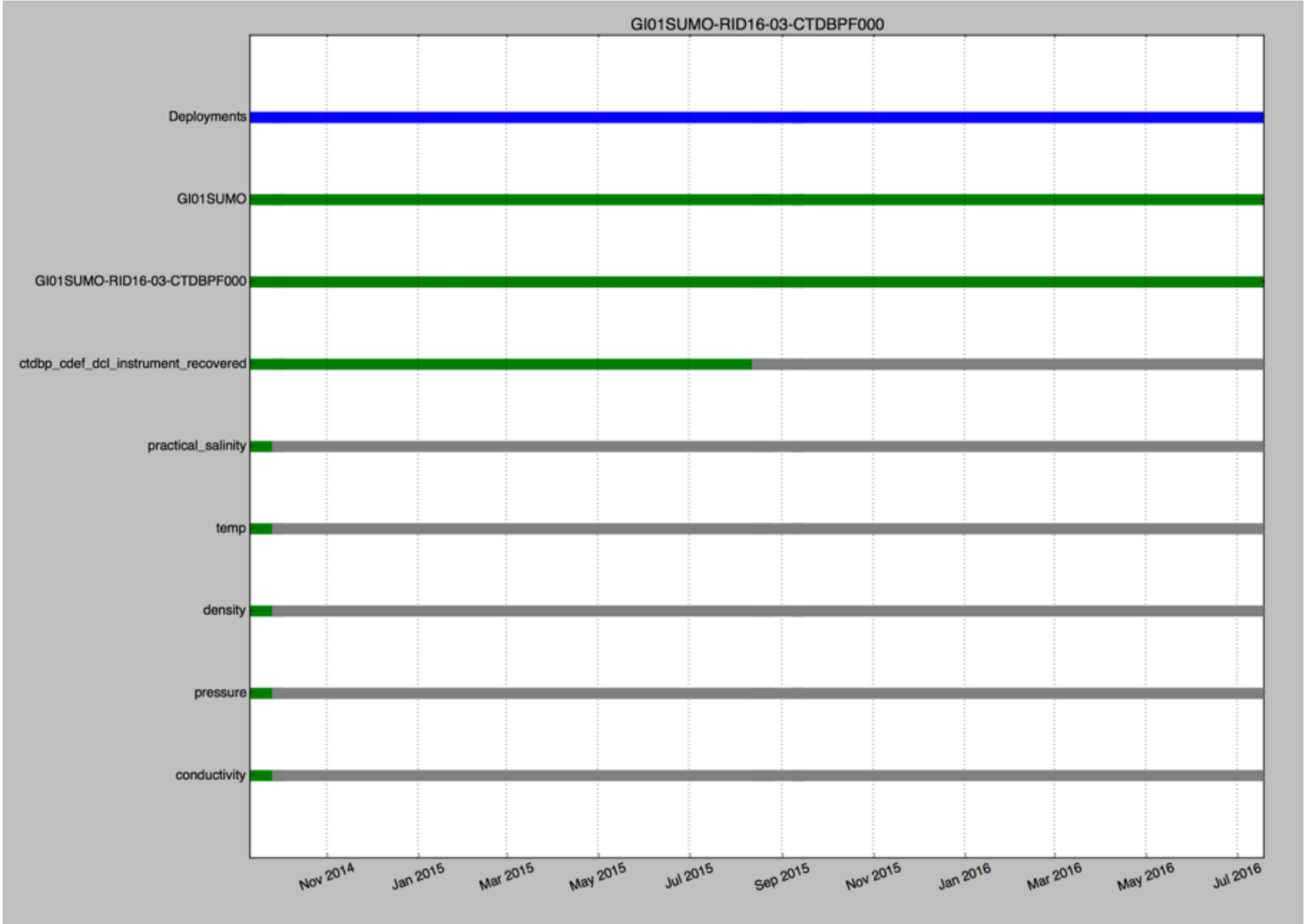


Telemetered



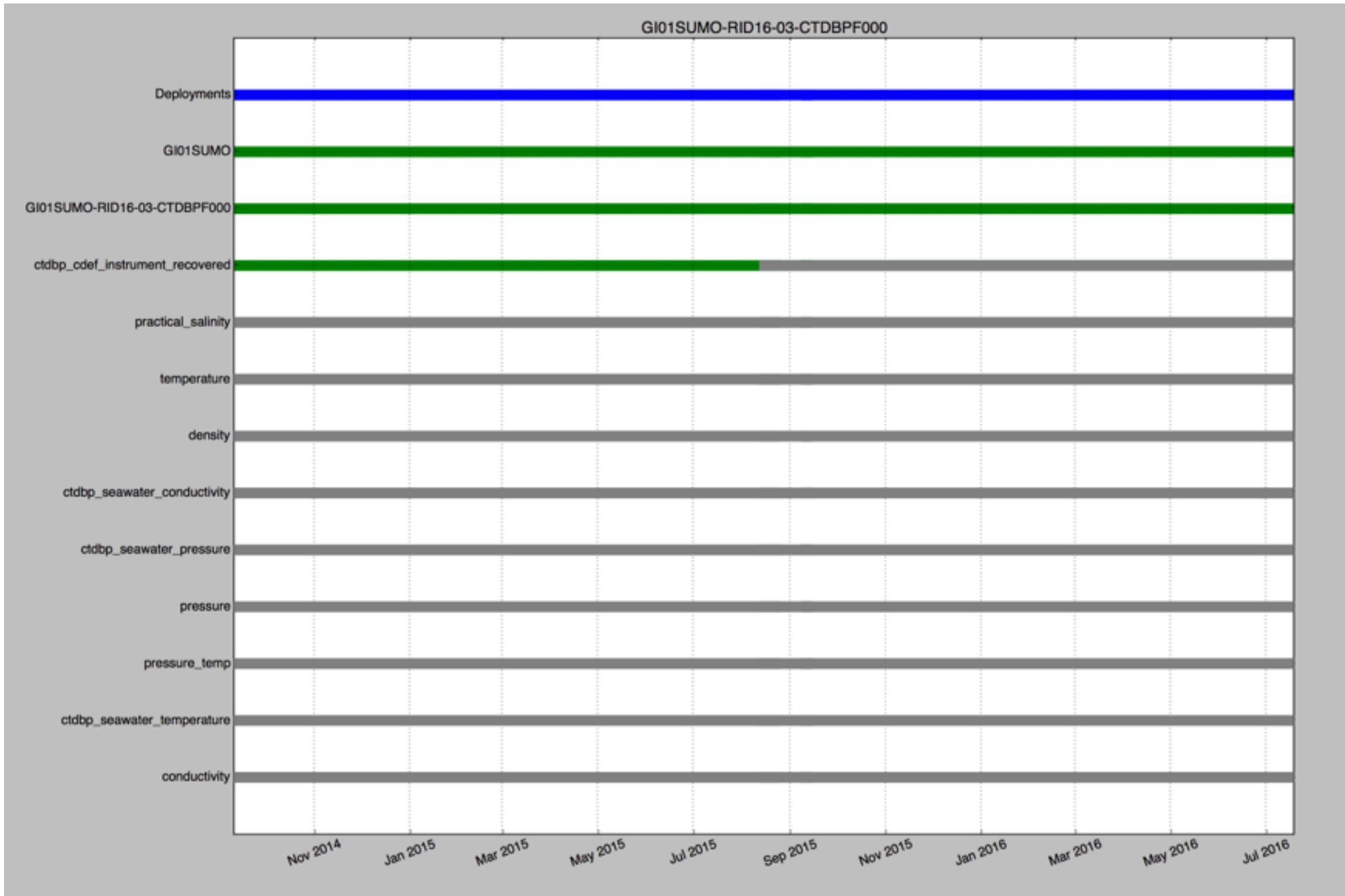
Level	Deployment	StartTime	EndTime	Annotation	Status	Redmine#
GI01SUMO	D00001	2015-02-15T00:00:00Z	2015-08-22T11:00:00Z	Status data sent from the buoy included leak detects in the buoy well, drop in battery voltage, and loss of wind turbine input. Upon recovery, the buoy was primarily intact but several instruments were damaged and/or missing. Ice build-up on the tower is speculated to be the cause for much of the damage.		
GI01SUMO	D00002	2016-01-27T00:00:00Z	2016-07-19T00:00:00Z	A period of violent weather caused power outages on multiple instruments. Functional instruments could continue to collect data using internal battery power and storage cards. Upon recovery, the buoy well was flooded.		9583
GI01SUMO	D00003	2016-12-27T00:00:00Z	2017-04-07T00:00:00Z	There is evidence of ice build-up on the surface buoy tower. Wind turbines are disabled and the battery charge state has been declining steadily. As of 2017-01-15, all DCLs have been shut down and the telemetry schedule has been reduced to conserve power. Battery-powered instruments will continue to collect data. UPDATE 2017-04-07: With increasing daylight at this location, there is now sufficient power available from PV panels to re-establish limited high-bandwidth telemetry and data transmission. Instruments on DCL11 are sending data to shore. The backlog of data stored on instruments with batteries will slowly backfill over time.		11758
GI01SUMO-RID16-03-CTDBPF000	D00002	2015-08-15T19:22:00Z	2016-07-19T00:00:00Z	Instrument did not record valid data for the majority of the deployment.	NOT_AVAILABLE	
ctdbp_cdef_dcl_instrument	D00001	2014-09-10T19:00:30Z	2014-09-18T15:02:56Z		AVAILABLE	
ctdbp_cdef_dcl_instrument	D00001	2014-09-18T15:02:56Z	2015-06-11T16:00:27Z	Telemetry was lost in mid-Sept-2014 and the buoy is suspected to have iced-over in mid-Feb-2015. No data available.	NOT_AVAILABLE	
ctdbp_cdef_dcl_instrument	D00001	2015-06-11T16:00:27Z	2015-06-30T03:18:12Z		AVAILABLE	
ctdbp_cdef_dcl_instrument	D00001	2015-06-30T03:18:12Z	2015-08-22T11:00:00Z		NOT_AVAILABLE	
ctdbp_cdef_dcl_instrument	D00002	2015-08-15T19:22:00Z	2015-09-11T16:00:52Z	Instrument failed to send valid data.	NOT_AVAILABLE	
ctdbp_cdef_dcl_instrument	D00002	2015-09-11T16:00:52Z	2015-09-11T20:03:00Z	Sparse data available for a few hours.	AVAILABLE	
ctdbp_cdef_dcl_instrument	D00002	2015-09-11T20:03:00Z	2016-07-19T00:00:00Z	Instrument failed to send valid data. In addition, violent weather in Jan-2016 resulted in damage to the buoy.	NOT_AVAILABLE	
ctdbp_cdef_dcl_instrument	D00003	2016-07-10T17:47:16Z	2016-08-10T11:32:38Z		AVAILABLE	
ctdbp_cdef_dcl_instrument	D00003	2016-08-10T11:32:38Z	2016-09-11T15:47:36Z		NOT_AVAILABLE	
ctdbp_cdef_dcl_instrument	D00003	2016-09-11T15:47:36Z	2017-01-07T02:47:41Z	Sparse data available. Around 2016-11-05, the DCL began reporting telemetry errors for the instrument.	AVAILABLE	
ctdbp_cdef_dcl_instrument	D00003	2017-01-07T02:47:41Z	2017-05-02T00:00:00Z	Evidence of ice build-up on the buoy: no telemetered data. See platform-level annotation for details.	NOT_AVAILABLE	
practical_salinity	D00001	2015-06-11T16:00:27Z	2015-06-30T03:18:12Z	Surface buoy was damaged in a suspected icing event. Data should not be used.	FAIL	
temp	D00001	2015-06-11T16:00:27Z	2015-06-30T03:18:12Z	Surface buoy was damaged in a suspected icing event. Data should not be used.	FAIL	
density	D00001	2015-06-11T16:00:27Z	2015-06-30T03:18:12Z	Surface buoy was damaged in a suspected icing event. Data should not be used.	FAIL	
pressure	D00001	2015-06-11T16:00:27Z	2015-06-30T03:18:12Z	Surface buoy was damaged in a suspected icing event. Data should not be used.	FAIL	
conductivity	D00001	2015-06-11T16:00:27Z	2015-06-30T03:18:12Z	Surface buoy was damaged in a suspected icing event. Data should not be used.	FAIL	

Recovered-host



Level	Deployment	StartTime	EndTime	Annotation	Status	Redmine#
GI01SUMO-RID16-03-CTDBPF000	D00002	2015-08-15T19:22:00Z	2016-07-19T00:00:00Z	Instrument did not record valid data for the majority of the deployment.	NOT_AVAILABLE	
ctdbp_cdef_dcl_instrument_recovered	D00001	2014-09-10T19:00:30Z	2014-09-29T08:02:30Z	Sparse data after 2014-09-26	AVAILABLE	
ctdbp_cdef_dcl_instrument_recovered	D00001	2014-09-29T08:02:30Z	2015-08-22T11:00:00Z	Telemetry was lost in mid-Sept-2014 and the buoy is suspected to have iced-over in mid-Feb-2015. No data available.	NOT_AVAILABLE	
ctdbp_cdef_dcl_instrument_recovered	D00002	2015-08-15T19:22:00Z	2015-09-11T16:00:52Z	Instrument failed to send valid data.	NOT_AVAILABLE	
ctdbp_cdef_dcl_instrument_recovered	D00002	2015-09-11T16:00:52Z	2015-09-11T20:02:48Z	Sparse data available for a few hours.	AVAILABLE	
ctdbp_cdef_dcl_instrument_recovered	D00002	2015-09-11T20:02:48Z	2016-07-19T00:00:00Z	Instrument failed to send valid data. In addition, violent weather in Jan-2016 resulted in damage to the buoy.	NOT_AVAILABLE	

Recovered-Inst



Level	Deployment	StartTime	EndTime	Annotation	Status	Redmine#
GI01SUMO-RID16-03-CTDBPF000	D00002	2015-08-15T19:22:00Z	2016-07-19T00:00:00Z	Instrument did not record valid data for the majority of the deployment.	NOT_AVAILABLE	
ctdbp_cdef_instrument_recovered	D00001	2014-09-10T18:50:00Z	2015-08-22T11:00:00Z	No data available due to a damaged cable.	NOT_AVAILABLE	
ctdbp_cdef_instrument_recovered	D00002	2015-08-15T19:22:00Z	2015-09-11T16:00:42Z		NOT_AVAILABLE	
ctdbp_cdef_instrument_recovered	D00002	2015-09-11T16:00:42Z	2015-09-11T20:08:06Z		AVAILABLE	
ctdbp_cdef_instrument_recovered	D00002	2015-09-11T20:08:06Z	2016-07-19T00:00:00Z		NOT_AVAILABLE	