Years	BPR ID	Deploy date	Deploy time (GMT)	Deploy ship	Recover date	Recover time (GMT)	Recover ship	Depth (m)	Position	Height of mooring (m)	BPR ID	Paros S/N	OSC #	Dynamic range (psi)	Calculated drift rate cm/yr	Associated NSF Award	Notes
1987-1988	**WC09**	23-Sep-1987	3:00	**ATLANTIS II**	10-Jul-88	**18:35**	**NOAA SHIP DISCOVERER**	1527	045-58.74' N 129-59.42'W			24061	n/a				
1988-1989	**WC15**	5-Sep-1988	16:49	NOAA SHIP DISCOVERER	04-Aug-89	14:15	NOAA SHIP DISCOVERER	1558	045-57.51'N 130-00.51'W			24061	n/a				Failed deployment. Release pin found sheared.
1989-1990	**WC20**	6-Sep-1989	22:40	NOAA SHIP DISCOVERER	30-Jul-90	16:51	NOAA SHIP DISCOVERER	1550	045-56.98'N 130-01.41'W			24061	n/a				
1990-1991	**WC25**	18-Aug-1990	8:16	NOAA SHIP DISCOVERER	22-May-91	20:12	NOAA SHIP DISCOVERER	1536	045-57.04'N 130-00.20'W			24061	n/a				
1991-1992	**WC32**	23-Jun-1991	19:59	UNKNOWN	04-Jun-92	1:30	NOAA SHIP DISCOVERER	1540	045-57.35'N 130-00.14'W			24061	n/a				
1992-1993	**WC40R**	6-Jul-1992	4:15	NOAA SHIP DISCOVERER	12-Jun-93	2:11	NOAA SHIP DISCOVERER	1542	045-55.89'N 129-59.08'W			40992	18				
	WC41	6-Jul-1992	17:40	NOAA SHIP DISCOVERER	11-Jun-93	23:29	NOAA SHIP DISCOVERER	1559	045-57.29'N 129-59.26'W			24061	?				
1993-1994	**WC51**	20-Jul-1993	21:25	NOAA SHIP DISCOVERER	17-Sep-94	19:17	NOAA SHIP DISCOVERER	1540	045-55.88'N 129-59.14'W			40992	97				100% RETURN NO SPIKES
	WC53	20-Jul-1993	23:23	NOAA SHIP DISCOVERER	17-Sep-94	20:44	NOAA SHIP DISCOVERER	1540	045-57.21'N 129-59.98'W			24061	?				0% DATA RETURN - GAUGE WAS INOPERABLE - AN ORANGE WIRE HAD A SHORT. LAST "A" GAUGE.
1994-1995	**WC61R**	5-Aug-1994	20:15	NOAA SHIP DISCOVERER	15-Jun-95	?	NOAA SHIP DISCOVERER	1550	045-57.58'N 129-57.86'W			40175	3236				100% DATA RETURN
	WC62R	17-Sep-1994	20:45	NOAA SHIP DISCOVERER	15-Jun-95	?	NOAA SHIP DISCOVERER	1550	045-57.19'N 129-59.97'W			3234	20				100% DATA RETURN
1995-1996	**WC67R**	20-Jul-1995	23:30	NOAA SHIP DISCOVERER	26-Jun-96	21:31	NOAA SHIP DISCOVERER	1543	045-57.72'N 129-58.02'W			40175	16				100% DATA RECOVERY, OSC WAS 16 SEC AHEAD OF UT. Record contained tsunamis. Located outside caldera to the NE.
	WC68R	20-Jul-1995	16:00	NOAA SHIP DISCOVERER	01-Jul-96	20:23	NOAA SHIP DISCOVERER	1550	045-57.4' N 130-00.0' W			39746	20				100% DATA RECOVERY, OSC WAS 11 SEC AHEAD OF UT. Record contained tsunamis. Located near the caldera center.
	WC69R	16-Jun-1995	1:00	NOAA SHIP DISCOVERER	22-Jun-96	20:30	NOAA SHIP DISCOVERER	1535	045-56.0' N 129-58.83' W			40992	97				100% DATA RECOVERY, OSC WAS 22 SEC AHEAD OF UT. Record contained tsunamis. Located near future Marker 33 site (SE caldera).
1996-1997	**WC74R**	27-Jul-1996	10:43	NOAA SHIP DISCOVERER	03-Oct-97	1:00	NOAA SHIP RON BROWN	1525	045-57.38'N 129-59.95'W			39746	20				**NO DATA RECOVERED** DUE TO BATTERY PROBLEMS. REMOVED JUMPER ACROSS CR3 POSITION FROM CENTER BOARD
1997-1998	**WC81 / VSM1**	2-Oct-1997	23:47	NOAA SHIP RON BROWN	07-Aug-98	9:12	NOAA SHIP RON BROWN	1535	045-57.4 N 130-00.0 W	1 m	C-7	40992	97	10,000			Was at center of Axial caldera during 1998 eruption. Acoustic problems on recovery (no confirmations).
	WC82 / VSM2	3-Oct-1997	2:56	NOAA SHIP RON BROWN	06-Jul-99	17:30	R/V Thompson	1524	045-55.814N 129-59.038W	1 m	C-21	57429	5	10,000			**Stuck in 1998 lava.** Recovered in Jul-99. Data only to 05-May-99. Note data may be in two 1-year long parts (a and b).
1998-1999	**WC87**	11-Aug-1998	?	NOAA SHIP RON BROWN	02-Sep-06	18:30	R/V Thompson	1541	045-56.187N 129-59.001W	1 m	C-9	40175	16	10,000			This is one of Chris Fox's rumbleometers. It was forgotten about and never recovered! Found with ROPOS in 2004. Recovered by ROPOS in 2006.
1999-2000	**(none)**																No BPR deployed at Axial this year
2000-2002	**NeMO2000 BPR-Center**	6-Jul-2000	20:00	NOAA SHIP RON BROWN	19-Jul-02	16:00	R/V Thompson	1530	045-57.313N 130-00.610W		D-8	73461		10,000	-15.278		Connected to NeMO Net.
2002-2004	**NeMO2002 BPR-Center**	20-Jul-2002	4:00	R/V Thompson	18-Jul-04	16:00	R/V Thompson	1535	045-57.151N 130-00.607W		D-20	87619		3,000	0.000		Connected to NeMO Net. Deployed about 300 m south of caldera center. There are spikes in the p-data that are periodic and decrease in amplitude with time.
2003-2005	**NeMO2003 BPR-Center**	4-Sep-2003	8:00	R/V Thompson	11-May-05	4:00	Wecoma	1510	045-57.313N 130-00.610W	15 m	D-4 e3	40992	4	10,000			AKA "NeMO2003-center (e3)". Caldera center. Not connected to NeMO Net.
2003-2005	**NeMO2003 BPR-South**	4-Sep-2003	8:00	R/V Thompson	11-May-05	2:00	Wecoma	1510	045-56.00N 130-00.00W	50 m	D-4 e4	51185	4	10,000			AKA "NeMO2003-south (e4)". Caldera - south - between ASHES and M33. Not connected to NeMO Net. Not turned-around at sea because data looked suspect. Brought back to SEA, then deployed later in 2005
2004-2007	**NeMO2004 BPR-Center**	31-Oct-2004	4:00	NOAA SHIP HI'IALAKAI (during transit)	09-Aug-07	20:00	R/V Atlantis	1530	045-57.10N 130-00.50W	50 m	E-1	56914	13	10,000	-7.914		AKA "NeMO2004-center (e1)". 3-year deployment. Connected to NeMO Net (with acoustic modem). Deployed ~500 m south of caldera center. Three noise spikes every hour from modem. Weird data on 8/31/06 and weird offsets & data gaps 01/31/07 to 02/09/07, all due to modem cable issues.
2005-2007	**NeMO2005 BPR-South-1**	11-May-2005	23:00	Wecoma	08-Aug-07	19:00	R/V Atlantis	1535	045-56.559N 130-00.00W	30 m	E-4	40992	15	10,000			AKA "NeMO2005-middle (e3)". Mooring #E-3. 2-year release. Raw data file displays incorrectly in BPR Plotter software v3.12. Got corrected file at sea. Says E3 in file name but E4 in file specs. Occasional small spikes in data due to bad component.
2005-2009	**NeMO2005 BPR-South-2**	9-Aug-2005	5:00	Western Flyer	recovered 6/18/2009 (but end of data file is 3/20/2009	0:00	R/V Atlantis	1530	045-55.999N 130-00.001W	30 m	E-004	51185	13	10,000			AKA "NeMO2005-south". 4-year deployment. On recovery didn't reply because battery voltage was only 2V. The release reported it was horizontal when the first release command was sent (was the BPR on an unstable or tilted surface?). Data good (except for gaps Dec 31, 2006 to Jan 08, 2007), but batteries died in BPR March 20, 2009, so file ended before it was recovered on June 18, 2009.
2007-2009	**NeMO2007 BPR-South-1**	15-Aug-2007	1:00	R/V Atlantis	19-Jun-09	1:00	R/V Atlantis	1553	045-56.511N 130-00.020W	15 m	E-4	40992	15	10,000			AKA "NeMO2007-middle". Position surveyed with Workboat. This is the same BPR that was NeMO2005-middle, so it still had the bad component and had a few spikes in the data. On recovery had a checksumm error. Raw data can't be read with BPR Plotter software v.3.12. After recovery the BPR board was replaced, but the paros sensor was kept.
2007-2010	**NeMO2007 BPR-Center**	15-Aug-2007	1:00	R/V Atlantis	03-Sep-10	16:30	R/V Thompson	1534	045-57.316N 130-00.604W	15 m	E-046	103402	13	10,000	-17.693	**OCE-0725605, 0726093**	Position surveyed with Workboat. This instrument was deployed for 5 days (08/08/07 to 08/12/07) and was released to get BPR data during our ROV MPR survey. It then was redeployed on 08/15/07 for a 3-year deployement. Note the data file needed to be edited by Scott Stalin before it could be read, because the BPR firmware needed to be updated. Four small gaps in the data between Jan 7-17, 2008
2009-	**NeMO2009 BPR-South-1**	20-Jun-2009		R/V Atlantis	LOST (apparently overrun by 2011 lava)			1543	45 56.559N 129 59.984W	15 m	E-4	40992	13	10,000		**OCE-0725605, 0726093**	AKA "NeMO2009-middle". Position surveyed with Workboat. BPR board was replaced from NeMO2007-middle BPR. This Paros gauge has an apparent drift of 20-23 cm/yr. BPR was searched for and not found in 2011 and 2013. LOST - overun by 2011 lava.
2009-2011	**NeMO2009 BPR-South-2**	21-Jun-2009	4:50	R/V Atlantis	26-Jul-11	16:46	R/V Atlantis	1541	45 56.047N 129 59.993W	15 m	E-004	51185	13	10,000		**OCE-0725605, 0726093**	Position surveyed with Workboat. Same BPR as NeMO2005-south BPR. Data gaps in file. RECORDED April 2011 ERUPTION!
2010-2011	**NeMO2010 BPR-Center**	4-Sep-2010	20:15	R/V Thompson	27-Jul-11	13:48	R/V Atlantis	1550	045-57.328N 130-00.574W	15 m	E-046	103402	13	10,000	-17.693	**OCE-0725605, 0726093**	Position surveyed with Workboat. Updated the BPR firmware when we turned it around in 2010, so it should be OK now. Release wouldn't enable on first attempt. On recovery, it did not respond to any commands or ranging, but it DID release. Two 24-hour data gaps in file. RECORDED April 2011 ERUPTION!
2011-2013	**NeMO2011 BPR-South**	30-Jul-2011	20:41	R/V Atlantis	9-Aug-13	21:30	R/V Thompson	1541	45 56.047N 129 59.993W	15 m	E-004	51185	13	10,000		**OCE-1155849, 1155381**	Position is drop target (not surveyed). Recovered by Delaney so the BPR could be serviced at PMEL between cruises. Gaps in data file. Oscillator failed in the lab during servicing.
2011-2013	**NeMO2011 BPR-Center**	30-Jul-2011	21:10	R/V Atlantis	14-Aug-13	0:46	R/V Thompson	1550	045-57.328N 130-00.574W	15 m	E-046	103402	13	10,000	-8.576	**OCE-1155849, 1155381**	Position is drop target (not surveyed). Recovered by Delaney so the BPR could be serviced at PMEL between cruises. First part of data file corrupted and had to be trimmed with a hex file editor, rest OK. Gaps in data file.

2013-2015	NeMO2013 BPR-Center	5-Sep-2013	16:05	R/V Thompson	26-Aug-15	0:46	R/V Thompson	1542	045-57.407N 130-00.636W	15 m	E-046	103402	13	10,000	-20.101	OCE-1356839, 1356216	Serviced in Seattle in August 2013. Position surveyed with Workboat. Recorded April 2015 eruption!
2013-2015	NeMO2013 BPR-South-1	5-Sep-2013	17:05	R/V Thompson	18-Aug-15	16:35	R/V Thompson	1541	045-55.909N 129-59.926W	15 m	E-004	51185	13	10,000	-8.169	OCE-1356839, 1356216	Serviced in Seattle in August 2013. Position surveyed with Workboat. New oscillator on counting board, compared to earlier deployments, so drift may be different. This one recorded successfully, but then died when it was being prepared for re-deployment. Recorded April 2015 eruption! Servided in Seattle in 2015-2017. This one had to have the CPU board replaced and was redesigned so the Paros sensor was inside the CPU case instead of outside the case in a dog house. So now all the BPRs have the same single CPU case design.
2013-2015	NeMO2013 BPR-South-2	5-Sep-2013	17:56	R/V Thompson	18-Aug-15	17:36	R/V Thompson	1540	045-54.959N 129-59.609W	15 m	E-013	125320	13	2400	-5.048	OCE-1356839, 1356216	New instrument (to replace one lost during 2011 eruption). Bought with NSF funds & owned by OSU. Note smaller dynamic range compared to other instruments. Must be deployed shallower than 1600 m. Position surveyed with Workboat. But still had old problem with one data gap. Recorded April 2015 eruption!
2015-2017	NeMO2015 BPR-Center	27-Aug-2015	12:40	R/V Thompson	15-Jul-17	2:20	R/V Revelle	1541	045-57.407N 130-00.636W (unsurveyed)	15 m	E-046	103402	13	10,000	-15.365	OCE-1356839, 1356216	Position is drop location (unsurveyed). Good data.
2015-2017	NeMO2015 BPR-South-2	19-Aug-2015	21:55	R/V Thompson	14-Jul-17	23:30	R/V Revelle	1538	045-54.959N 129-59.609W (unsurveyed)	15 m	E-013	125320	13	2400	-3.514	OCE-1356839, 1356216	Position is drop location (unsurveyed). Good data.
2015-2017	Mini-BPR 2012-06	23-Aug-2015	5:00	Jason dive J2-823	17-Jul-17	12:00	Jason dive J2-966	1503	045-56.785N 129-59.027W (AX-302)	n/a		125331		2000	3.146	OCE-1356839, 1356216	Deployed on MPR benchmark AX-302 (Trevi vent)
2015-2017	Mini-BPR 2012-07	23-Aug-2015	9:00	Jason dive J2-823	19-Jul-17	11:00	Jason dive J2-966	1527	045-56.721N 130-00.544W (AX-307)	n/a		125573		2000	19.876	OCE-1356839, 1356216	Deployed on MPR benchmark AX-307 (Magnesia-west)
2015-2017	Mini-BPR 2014-08	23-Aug-2015	14:00	Jason dive J2-823	19-Jul-17	15:20	Jason dive J2-966	1516	045-55.896N 129-59.928W (AX-308)	n/a		127329		3000	-10.279	OCE-1356839, 1356216	Deployed on MPR benchmark AX-308 (BPR-South1). Data only recorded until 04/23/2017 23:03:20 due to premature battery exhaustion.
2015-2017	Mini-BPR 2014-09	23-Aug-2015	11:00	Jason dive J2-823	19-Jul-17	13:00	Jason dive J2-966	1525	045-56.067N 130-00.696W (AX-106)	n/a		127331		3000	30.154	OCE-1356839, 1356216	Deployed on MPR benchmark AX-106 (ASHES)
2015-2017	Mini-BPR 2014-12	24-Aug-2015	6:00	Jason dive J2-823	19-Jul-17	1:30	Jason dive J2-966	1499	045-56.008N 129-58.935W (AX-303)	n/a		132673		6000	-8.601	OCE-1356839, 1356216	Deployed on MPR benchmark AX-303 (Marker 33 vent)
2015-2017	Mini-BPR 2014-13	22-Aug-2015	18:00	Jason dive J2-823	21-Jul-17	9:00	Jason dive J2-967	1699	045-51.790N 130-00.225W (AX-105)	n/a		132674		6000	-14.159	OCE-1356839, 1356216	Deployed on MPR benchmark AX-105 (South pillow mound, MPR reference site)
2017-2018	NeMO2017 BPR-Center	17-Jul-2017	5:52	R/V Revelle	19-Aug-18	20:00	R/V Kilo Moana	1530	045-57.447N 130-00.658W (unsurveyed)	15 m	E-046	103402	13	10,000	-18.060	OCE-1736926, 1736882	Deployment location was shifted slightly, but not far from previous. Data show abrupt offset downward in middle of the time-series, apparently due to instrument site instability since nearby OOI BPR did not show this. This instability apparently continued during 2nd half of deployment. Drift rate is calculated from 1st half of record only.
2017-2018	NeMO2017 BPR-South-2	16-Jul-2017	7:13	R/V Revelle	19-Aug-18	23:53	R/V Kilo Moana	1530	045-54.958N 129-59.619W (unsurveyed)	15 m	E-013	125320	13	2,400	-1.278	OCE-1736926, 1736882	Same location as previous deployments. Good data recorded.
2017-2018	NeMO2017 BPR-North	15-Jul-2017	4:38	R/V Revelle	19-Aug-18	17:08	R/V Kilo Moana	1578	045-58.350N 130-01.128W (unsurveyed)	15 m	E-004	51185	13	10,000	n/a	OCE-1736926, 1736882	New location. This BPR was repaired in Seattle after failing on deck after recovery in 2015. Good data recordded, but can't constrain the drift because there are no nearby MPR benchmarks.
2017-2018	NeMO2017 BPR-West	15-Jul-2017	5:50	R/V Revelle	19-Aug-18	22:34	R/V Kilo Moana	1418	045-57.011N 130-02.141W (unsurveyed)	15 m	E-016	107673	13	10,000	n/a	OCE-1736926, 1736882	New location and new 4th BPR for use at Axial. Data recorded are unusual because they show steady apparent deflation the whole year, amounting to ~40 cm! This is the first record from up on the western rim of the caldera, which probably has heavy sediment. The apparent deflation could be due to site instability - perhaps the instrument was slowly settling into the sediment all year? Or else the drift rate could be relatively high and positive, but unfortunately we have no way to constrain it. This was also the 1st deployment of this instrument at Axial, so we don't have a history with it.
2017-2018	Mini-BPR 2016-02	19-Jul-2017	2:00	R/V Revelle	22-Aug-18	10:00	R/V Kilo Moana	1516	045-56.008N 129-58.935W (AX-303)	n/a		137987		3,000	see notes	OCE-1736926, 1736882	Deployed on MPR benchmark AX-303 (Marker 33 vent)
2017-2018	Mini-BPR 2016-04	21-Jul-2017	10:00	R/V Revelle	25-Aug-18	4:30	R/V Kilo Moana	1718	045-51.790N 130-00.225W (AX-105)	n/a		137988		3,000	see notes	OCE-1736926, 1736882	Deployed on MPR benchmark AX-105 (South pillow mound, MPR reference site). There is an offset of about 45 cm (up) mid-way in the record for MiniBPR #04 from about 11/25/2017 to 12/11/2017. It is not just one single offset, but a series of offsets and time periods with unrealistically high changes. It is not clear what the source of these offsets was.
2017-2018	Mini-BPR 2016-05	17-Jul-2017	22:00	R/V Revelle	23-Aug-18	10:00	R/V Kilo Moana	1522	045-56.785N 129-59.027W (AX-302)	n/a		137989		3,000	see notes	OCE-1736926, 1736882	Deployed on MPR benchmark AX-302 (Trevi vent)
2017-2018	Mini-BPR 2016-10	19-Jul-2017	11:00	R/V Revelle	22-Aug-18	1:00	R/V Kilo Moana	1544	045-56.721N 130-00.544W (AX-307)	n/a		137990		3,000	see notes	OCE-1736926, 1736882	Deployed on MPR benchmark AX-307 (Magnesia-west)
2018-2020	NeMO2018 BPR-Center	21-Aug-2018	17:12	R/V Kilo Moana	2-Sep-2020	22:36	R/V Thompson	1532	045-57.460N 130-00.679W (surveyed)	15 m	E-046	103402	13	10,000	-18.870	OCE-1736926, 1736882	Data look normal for this deployment, which is reassuring because the last deployment showed instability. Same location as previous deployments. Note we re-deployed this instrument in a different location "East" in 2020.
2018-2020	NeMO2018 BPR-South-2	21-Aug-2018	1:11	R/V Kilo Moana	6-Sep-2020	22:36	R/V Thompson	1537	045-54.910N 129-59.600W (surveyed)	15 m	E-013	125320	13	2,400	-3.085	OCE-1736926, 1736882	Same location as previous deployments. Good data recorded. Note we re-deployed this instrument in a different location "Southeast" in 2020.
2018-2020	NeMO2018 BPR-North	21-Aug-2018	16:13	R/V Kilo Moana	16-Sep-2020	14:55	R/V Thompson	1581	045-58.388N 130-01.177W (surveyed)	15 m	E-004	51185	13	10,000	n/a	OCE-1736926, 1736882	This BPR was located about 2km NNW of BPR-Center. Note we don't have an MPR benchmark here, so we cannot constrain the drift of this BPR.
2018-2020	NeMO2018 BPR-West	25-Aug-2018	21:47	R/V Kilo Moana	2-Sep-2020	23:36	R/V Thompson	1448	045-57.016N 130-02.174W (surveyed)	15 m	E-016	107673	13	10,000	n/a	OCE-1736926, 1736882	This instrument was deployed on the W rim of the caldera (in sediment) and showed a strong deflationary signal (as it did in the last deployment). Not sure if this is due to site instabilty. Note we don't have an MPR benchmark here, so we cannot constrain the drift of this BPR.
2018-2020	Mini-BPR 2014-08	21-Aug-2018	21:10	R/V Kilo Moana	10-Sep-2020	22:54	R/V Thompson	1516	045-55.896N 129-59.928W (AX-308)	n/a		127329		3000	TBD	OCE-1736926, 1736882	Deployed on MPR benchmark AX-308. Data recording ended prematurely on 08/21/2020. Battery was dead on recovery (similar to previous deployment - possibly using too much power).
2018-2020	Mini-BPR 2014-09	22-Aug-2018	2:02	R/V Kilo Moana	11-Sep-2020	2:20	R/V Thompson	1544	045-56.721N 130-00.544W (AX-307)	n/a		127331		3000	2.476	OCE-1736926, 1736882	Deployed on MPR benchmark AX-307 (Magnesia-west). Data recording ended prematurely on 06/27/2019 due to not clearing SD card of previous data. Clock was 74 sec fast on recovery.
2018-2020	Mini-BPR 2016-10	24-Aug-2018	12:16	R/V Kilo Moana	11-Sep-2020	13:38	R/V Thompson	1516	045-56.008N 129-58.935W (AX-303)	n/a		137990		3000	TBD	OCE-1736926, 1736882	Deployed on MPR benchmark AX-303 (Marker 33 vent). Data recording ended prematurely on 04/22/2020 due to not clearing SD card of previous data. Clock was 98 sec slow on recovery.
2018-2020	Mini-BPR 2014-12	23-Aug-2018	10:15	R/V Kilo Moana	11-Sep-2020	9:21	R/V Thompson	1522	045-56.785N 129-59.027W (AX-302)	n/a		132673		6000	-12.925	OCE-1736926, 1736882	Deployed on MPR benchmark AX-302 (Trevi vent). Data recording ended prematurely on 06/27/2019 due to not clearing SD card of previous data. Clock was 34 sec fast on recovery.

2018-2020	**Mini-BPR 2014-13**	25-Aug-2018	4:50	R/V Kilo Moana	12-Sep-2020	2:30	R/V Thompson	1718	045-51.790N 130-00.225W (AX-105)	n/a		132674		6000	-7.276	**OCE-1736926, 1736882**	Deployed on MPR benchmark AX-105 (South pillow mound, MPR reference site). Data recording ended prematurely on 06/22/2019 due to not clearing SD card of previous data. Clock was 50 sec slow on recovery.
2020-2022	**Axial2020 BPR-West**	7-Sep-2020	0:21	R/V Thompson	28-Jun-2022	12:06	R/V Thompson (TN404)	1411	045-56.472N 130-01.858W	15 m	E-016	107673	13	10,000		**OCE-1736926, 1736882**	This instrument was deployed on the W rim of the caldera (in sediment) and showed a strong deflationary signal (as it did in the last deployment). Decided to deploy this instrument in the caldera in 2022, near BPR-North to test its drift characteristics
2020-2022	**Axial2020 BPR-East**	7-Sep-2020	1:24	R/V Thompson	20-Jun-2022	23:30	R/V Thompson (TN404)	1540	045-56.718N 129-57.540W	15 m	E-046	103402	13	10,000		**OCE-1736926, 1736882**	Formerly BPR-Center, but re-deployed "East" of the caldera Sept 2020.
2020-2022	**Axial2020 BPR-Southeast**	8-Sep-2020	15:33	R/V Thompson	21-Jun-2022	2:13	R/V Thompson (TN404)	1659	045-53.872N 129-57.515W	15 m	E-013	125320	13	2400 (max depth = 1640 m)		**OCE-1736926, 1736882**	Formerly BPR-South2, but re-deployed "Southeast" of the caldera in Sept 2020. Mistakenly deployed at a depth of 1690 m, which is beyond its max depth. Data from this deployment are no good. Returned to PMEL & Paros for maintanence and was found to be OK. Not deployed in 2022. OSU Ptag #325550.
2020-2022	**Axial2020 BPR-North**	17-Sep-2020	23:50	R/V Thompson	28-Jun-2022	14:30	R/V Thompson (TN404)	1574	045-58.669N 130-01.124W	15 m	E-004	51185	13	10,000		**OCE-1736926, 1736882**	This BPR was located about 2km NNW of BPR-Center. Note we don't have an MPR benchmark here, so we cannot constrain the drift of this BPR.
2020-2022	**Mini-BPR 2020-01**	10-Sep-2020	23:24	R/V Thompson	22-Jun-2022	10:30	R/V Thompson (TN404)	1533	045-55.896N 129-59.928W (AX-308)	n/a		140958		3000		**OCE-1634150, 1736926, 1736882, 1928282**	Good data recorded.
2020-2022	**Mini-BPR 2020-02**	11-Sep-2020	6:27	R/V Thompson	22-Jun-2022	21:03	R/V Thompson (TN404)	1532	045-57.312N 130-00.592W (AX-101)	n/a		140959		3000		**OCE-1634150, 1736926, 1736882, 1928282**	Good data recorded.
2020-2022	**Mini-BPR 2020-03**	12-Sep-2020	3:01	R/V Thompson	23-Jun-2022	12:40	R/V Thompson (TN404)	1718	045-51.790N 130-00.225W (AX-105)	n/a		140960		3000		**OCE-1634150, 1736926, 1736882, 1928282**	Good data recorded.
2020-2022	**Mini-BPR 2020-04**	11-Sep-2020	10:03	R/V Thompson	24-Jun-2022	9:25	R/V Thompson (TN404)	1522	045-56.785N 129-59.027W (AX-302)	n/a		140961		3000		**OCE-1634150, 1736926, 1736882, 1928282**	Good data recorded.
2020-2022	**Mini-BPR 2020-05**	11-Sep-2020	19:50	R/V Thompson	21-Jun-2022	15:21	R/V Thompson (TN404)	1534	045-54.970N 129-59.370W (AX-104)	n/a		140962		3000		**OCE-1634150, 1736926, 1736882, 1928282**	Good data recorded.
2020-2022	**Mini-BPR 2020-06**	13-Sep-2020	2:47	R/V Thompson	22-Jun-2022	16:02	R/V Thompson (TN404)	1544	045-56.721N 130-00.544W (AX-307)	n/a		140963		3000		**OCE-1634150, 1736926, 1736882, 1928282**	Good data recorded.
2020-2022	**Mini-BPR 2020-07**	12-Sep-2020	15:47	R/V Thompson	24-Jun-2022	5:09	R/V Thompson (TN404)	1516	045-56.008N 129-58.935W (AX-303)	n/a		140964		3000		**OCE-1634150, 1736926, 1736882, 1928282**	The record from this instrument has a period of high noise in the middle, from 06/18/2021 to 01/12/2022. It is unknown why there is an interval with high noise, but the instrument seemed to have behaved normally beforehand and afterward.
2020-2022	**Mini-BPR 2020-08**	12-Sep-2020	3:01	R/V Thompson	23-Jun-2022	12:40	R/V Thompson (TN404)	1718	045-51.790N 130-00.225W (AX-105)	n/a		140965		3000		**OCE-1634150, 1736926, 1736882, 1928282**	This instrument only recorded for less than a day apparently due to an electrical short. It was recovered with a dead battery.
2022-	**Axial2022 BPR-East**	23-Jun-2022	6:46	R/V Thompson (TN404)	still deployed			1538	045-56.714N 129-57.526W	15 m	E-046	103402	13	10,000		**OCE-1736926, 1736882**	
2022-	**Axial2022 BPR-North**	1-Jul-2022	4:46	R/V Thompson (TN404)	still deployed			1555	045-58.616N 130-01.091W	15 m	E-004	51185	13	10,000		**OCE-1736926, 1736882**	Note BPR-North and BPR-West were deployed near each other in 2022 in the northern caldera floor as a test.
2022-	**Axial2022 BPR-West**	1-Jul-2022	5:05	R/V Thompson (TN404)	still deployed			1554	045-58.115N 129-59.039W	15 m	E-016	107673	13	10,000		**OCE-1736926, 1736882**	Note BPR-North and BPR-West were deployed near each other in 2022 in the northern caldera floor as a test.