

1944 Scene Secured Kavanagh & Chaloux

1950 - Brown In (LPD)

1959 - St Laurent ¹⁰⁰ & Mino Roderick (Law) in ^{Roderick in} scene, not building

2000 - Roderick out

2005 Brown out

2012 - Chaloux (SO) out

2016 - Brown (LPD) & Chaloux (SO) in

2037 - Brown & Chaloux out

2038 - M. Drain (ASCL) in

2111 - Drain out

2119 - Drain in

2134 - Kavanagh out, Allen in

2149 Kavanagh in, Allen out

2159 Reid Bond (SO), Chris Farley (SO), Victoria Knight (SO)

Blake Conrad (SO), Joey Brown (LPD), Shannon Farrier (FBI)

Jose Rodriguez-Aguilar - FBI in Casque (LPD)

2201 Conrad, Farley, Knight Bond & Casque - out

2202 Brown, Farrier, Rodriguez-Aguilar out

2338 - Sutt Gosselin (SO) Ethel Ross (SO) - Joey Brown In

2343 - Gosselin & Ross out

2349 Gosselin & Ross in

2353 - Burkhardt in

2357 - Gosselin, Ross, Burkhardt - Brown out

2025 - Ouellette (LPD) in

2029 Ouellette out

2030 Ouellette in

2031 - Ouellette out

0032 - BRUNN CUT

0056 - HOWARD / CUT, THOMAS (KSO) IN

0108 - LT TURCOTTE SP IN

0108 - MAJOR GOSSELIN SP IN

0108 - DAY (KSO) IN

0108 - CURTIS (KSO) IN

0108 - DIXON (KSO) IN

0108 - DUTK (KSO) IN

0108 - JOHNSON (KSO) IN

0112 - LT TURCOTTE (SP) OUT

0112 - MAJOR GOSSELIN (SP) OUT

0156 SIMMONS (WS) IN → 0307-200 + 0210-IN

0156 CONLEY (HSI) IN

0157 CONLEY (HSI) OUT

0204 S. BELANGER (SP) IN

0220 JONAH OROAK (SP) IN ERT

0221 BRYANT (SP) IN

0221 GAMBLE, MICHELLE FBI IN

0221 ROBBIN BINDI FBI IN

0221 JASON COSTERCO FBI IN

~~Hunter~~ ~~CURTIS~~ (EI)

0357 GREG COMCOWICH (FBI) IN

0450 DAY (KSO) OUT

0502 SHAWNA BELANGER (SP) OUT

0528 JONAH OROAK (SP) OUT

0528 SIMMONS (WS) OUT ~~ESTIMATED~~ (C)

0524 BRYANT (SP) OUT
0649 ~~0549~~ SIMMONS (WIS) IN
0649 ~~0549~~ BRYANT (SP) IN

0719 GUSNER JAMES (WS) IN

0731 THIELS (KSO) OUT

0731 GALOZZI (KSO) OUT

0731 DIXON (KSO) OUT

0731 JOHNSON (KSO) OUT

0731 DUTL (KSO) OUT

0731 DUMAS (KSO) OUT

0733 CURTIS (KSO) OUT

0731 Dietlin (MDEA) In

0731 Pease (MDEA) In

0731 Corey (MDEA) In

0737 Blodgett (MDEA) In

0740 LaFrenier (MDEA) In

0759 Slemmer (OCME)

0749 Raymond (MDEA) In

0749 Katsonis (MDEA) In

0759 Hyatt (OCME) In

0759 Eagles (OCME) In

0759 Funte (OCME) In

0800 Katsonis (MDEA) out → back to Madore

0800 Blodgett (MDEA) out → Press Hill

0719 Milton (MWS) In

08 ~~Gamble (FBI) out~~

0811 Gindi (FBI) out
0811 Costello (FBI) out
0828 Chavez (MSP) In
0913 Chandler (Albert; Burpee) In
0913 Welch (Albert; Burpee) In
0913 Talarico (Albert; Burpee) In
0913 Roy (Albert; Burpee) In
0913 Mailhot (Albert; Burpee) In
0913 Polam (FBI) In
0938 Chandler (A;B) out
0938 Welch (A;B) out
0938 Talarico (A;B) out
0938 Roy (A;B) out
0938 Mailhot (A;B) out
0941 Polam (FBI) out
0957 Bryant (MSP) out
0957 Simmons (MWS) out
0957 ~~Milton (MWS) out~~
0957 ~~Gushee (MWS) out~~
1007 Gamble (MS (FBI) out
1007 Chavez (MSP) out
1010 Chavez (MSP) In
1007 ~~Pease (MDEA) In~~
1045 Pease (MDEA) In
1049 Chavez (MSP) out
1045 Pease (MDEA) In
1141 OROAK (MSP) In

1142 Oroak (MSP) out
1158 Zania (AG's office)
1158 Bogue (AG's office)
1158 Farley (MSP) In
1158 Belanger (MSP) In
1158 Oroak (MSP) In
1200 Gosselin (MSP) In
1200 Pickering (MSP) In
1209 Gosselin (MSP) out
1209 Pickering (MSP) out
1221 Farley (MSP) out
1221 Zania (AG's office) out
1221 Bogue (AG's office) out
1221 Belanger (MSP) out
1221 Oroak (MSP) out
1315 Blodgett (MDEA) In
1315 Raymond (MDEA) out
1340 ~~Potter~~^{I am} (FBI) In
1340 Jorde (FBI) In
1340 Lenehan (FBI) In
1340 Ballanger (FBI) In
1340 Doherty (FBI) In
1340 Ripordella (FBI) In
1340 Hoskings (FBI) In
1340 O'Shea (FBI) In
1340 Guem (FBI) In

340 Galietta (FBI) In
340 Chatham (FBI) In
340 Suban (FBI) In
340 Stauder (FBI) In
340 Dietz (FBI) In
340 Casey (FBI) In
340 Wyant (FBI) In
340 Reinke (FBI) In
340 Blodgett (MOEA) out
340 Raymond (MOEA) In
1448 Raymond (MOEA) out
1552 Gindi (FBI) In
1750 Belanger (MSP) In
1750 Oroak (MSP) In
1750 Simmons (MWS) In
1834 Walton (MSP) In
1834 Wallace (Lewiston PD) In
1834 Wiers (Lewiston PD) In
1838 Gindi (FBI) out
1838 Casey (FBI) out
1838 Dietz (FBI) out
1838 Stauder (FBI) out
1838 Suban (FBI) out
1838 Chatham (FBI) out
1838 Galietta (FBI) out
1850 Reed (MSP) In

1750 Bryant (MSP) In
1750 Lindsay (MSP) In
1841 Bryant (MSP) out
1841 Lindsay (MSP) out
1841 Walton (MSP) out
1841 Weirs (Lewiston PD) out
1841 Wallace (Lewiston PD) out
1858 Reed (MSP) out
1858 Simmons (MWS) out
1859 O'roak (MSP) out
1859 Milton (MWS) out
1950 Belanger (MSP) out
1930 Corey (MDEA) out
1935 O'roak (MSP) In
1950 Gushee (MWS) out
1950 Milton (MWS) out
1950 Wyant (FBI) out
1950 Reinke (FBI) out
1950 Jorde (FBI) out
1950 Lenehan (FBI) out
1950 Ballanger (FBI) out
1950 Doherty (FBI) out
1950 Ripordella (FBI) out
1950 Hoskings (FBI) out
1950 O'shea (FBI) out
1950 Giam (FBI) out

2018 Dietlin (MDEA) out
 2018 Corey (MDEA) out
 2018 Pease (MDEA) out

DEA 10/26 2018

10/27 Michael R. Hoskins THRU/LAB/FAS IN

0729 David B. VanWagoner MTRU/LD/ERS FBI IN

Stephano Chatham FTU/Lab FBI IN

Earl Gliem FTU/LAB FBI IN

Tim Dietz ERTU/FBI IN

MARK SUBAN OPU/FBI IN

Erin Casey OPU/FBI IN

Chris Reinka FBI Boston ERT IN

Robbyn Gindi FBI Boston ERT IN

Kyle Zavorony FBI Boston ERT IN

0801 DEA out

0802 MDEA IN scene security (North central) out

0857 Po Lam FBI/ERT IN

0859 Steve Milton MWS/ERT IN

10950 JAMES GUSKE MWS/ERT IN

PO MATT RIFKIN FBI/PA

09:52 James Doherty FBI ERT Boston

09:52 Sarah O'Shea FBI ERT Boston

9:52 Michelle Gumble FBI ERT Boston

1007 Lewiston fire grabbed ladder outside.

1000 ATF Perimeter Sweep outside scene

1107 FBI SA Matthew MacFarlane DIVRT

1112 MSP Owen Reed ERT

1131 MWS Harry Wiegman

1131 JONAH O'ROAK MSD ERT

1131 Shauna Belanger msp ERT

1139 ATF Kevin Connelly (Portland office)

1145 Out MWS Harry Wiegman

1203 Josh Smith MWS in

1218 Josh Smith MWS out

1231 Keegan Stokes Salem PD K9 in

1232 Eric Kotchman ATF K9 in

1232 Sean Morris ATF TFO Melrose PD in

~~Kevin Connelly ATF Portland IN 40~~

1300 Dave Simmons MWS IN out 1610

1339 ATF K-9 (xz) IN 230 out

1400 FBI Greg Comenich

1500 FBI Joe Galiekh

* 1255 FDR0 RUSSELL BOYNTON

1634 Kevin Connelly ATF Portland out.

1715 Timothy DeMauro FBI In out 1741

1715 Tim Brown FBI In out 1741

Vivian Barrios FBI 1730 IN out 1604

James Doherty FBI 1547 out

in 1529

Richard Rofa FBI 1839 out ~~1839~~

MDEA North ^{out 2000} ~~Central~~ ~~2000~~

MDEA In for Scene security 2000 hrs

Brandon Reynolds FBI Lab FTU 2024 In out 2200

Dave Remley FBI Lab OPU 2025 In out 2200

Howard Marsh FBI Lab 2025 In out 2200

Bryce Ziegler FBI Lab 2026 In out 2200

Cynthia Bube FBI 2032 In out 2200

Chase Smith FBI 2032 In out 2200

Mark Bledsoe FBI 2032 In out 2200

W David Seay FBI 2032 In out 2200

Dave Simmonds MWS out 2230

Shaunna Belanger SP out 2255

Gushee MWS out 2257

Milton MWS out 2257

Jonah O'Roark SP out 2354

Chad Lindsey SP out 2354

Owen Reed SP out 2354

to/28 DEA Portland on scene security 800

O/PB Joe Galietta FVE OFU In

Jason Coshillo FBI 0800 In

Elizabeth Jordan FBI 0815 In

Rick Mont FBI 0815 In

10/28 (cont.)

SA Kyle Zavoronny FBI-Boston ERT 0815 In 1305-044
Michelle Gamble FBI BOSTON ERT 8:24 IN

Joseph Murillo FBI-NK 832-389-8064 8:24am IN

Rebbym Gindi FBI Boston 8:30 AM

Owen Reed MSP 0847 HOURS

James Gushee MWS 0847 HRS

Chad Lindsey MSP 0906 hrs.

Shaunna Belanger MSP 0907ho

Steven Milton MWS 0907hrs in

JONAH OROAK MSP 0908 HRS

Terry James MSP 0927 hrs

Eric Kotchick ATF 0926 hrs

Mike Nuffell ATF 0926 hrs

Lawrence Rose MSP 0952hrs

Chris Giannakou FBI Lowell 1005 1025

Kathleen Queally FBI-Boston 1005 1025

Jason Wing MSP 1032

Tom Provant LPTD 1111

Reid Bond MSP 1111

Jim Theiss LPTD 1111

Chris Falk MSP 1112

Zanettl Keaten MSP 1112

EtHEL Ross MSP 1112

Mallory Littman MSP 1112

Sabrina Smith MSP

10/28 (cont.) Jidi Lohu FBI 1:30 pm / 1:50 pm

STEVE REUENK FBI 1 PM

Christopher DiMenna FBI 1 pm

CHRIS WESEMANN FBI

Vivian Barrios FBI

Stephanie Rattigan FBI 1:48 PM

Kelly Allen FBI 1:48 PM

Laura Clouse FBI 1:48 PM

Matthew Ballenger FBI 1:48 PM

John A DAVIS FBI 1:48 PM

Robert Plumb FBI 1:48 pm

Sarah O'Shea FBI 1:48 pm

Christopher Ford FBI 1:50 pm

Claudia Sexton FBI 1:51 PM

Natalie Stewart FBI 1:52 pm

Joshua Custer FBI 2:23 pm

Josephine VanLozen FBI 1:48 pm

Laura Macrovie FBI 1:48 p

Kara Spice FBI 1:48 p

Owen Reed MSP 2:48 P

Jenny Martin FBI 1348

DANIEL GRIMP (SSA) FBI HQ 1348

Dale Wengler FBI 13:48

Idn Penning FBI 1343

Daniel Mahoney FBI 13:48

Lynette Austin FBI 1545

10/2023

3:46-7:57

Karim M'Costa FBI ME-2

Vance Cronwick FBI

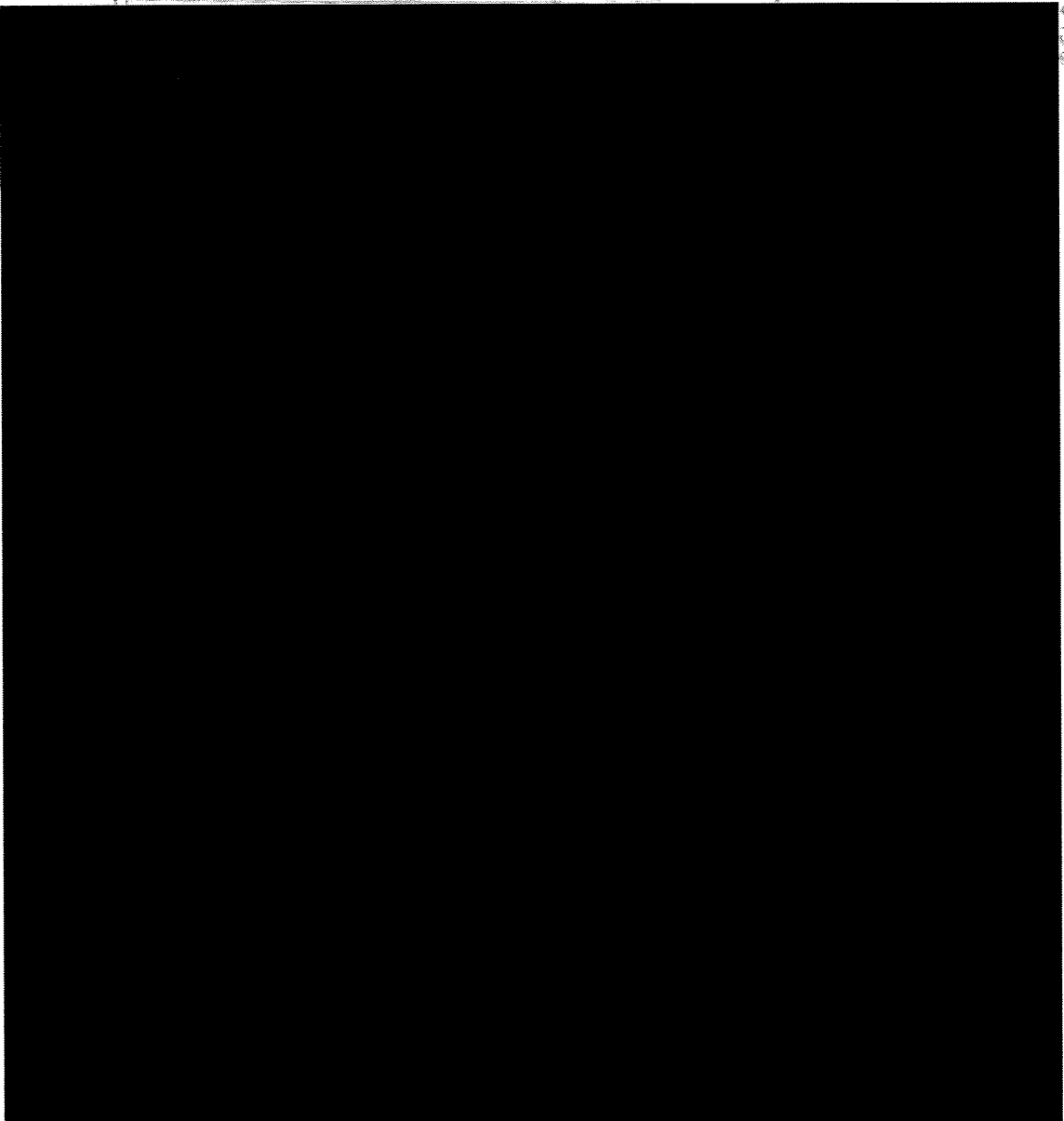
Jacob LaRoche FBI USRT

Meghan King FBI

Ashley Walker FBI

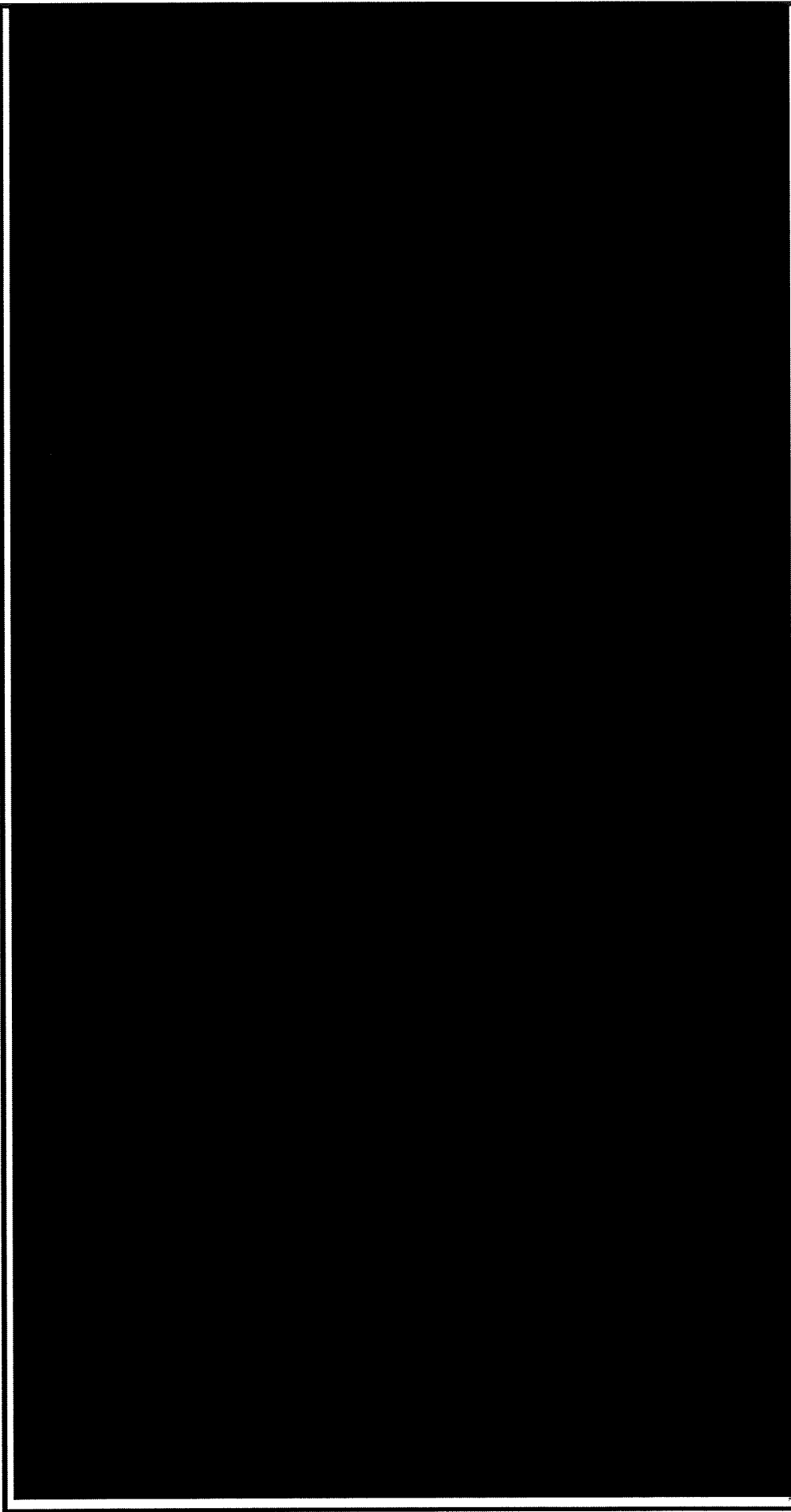
Christine Davis FBI USRT

* NY to State 10/27/2023
* Case number: 235056156



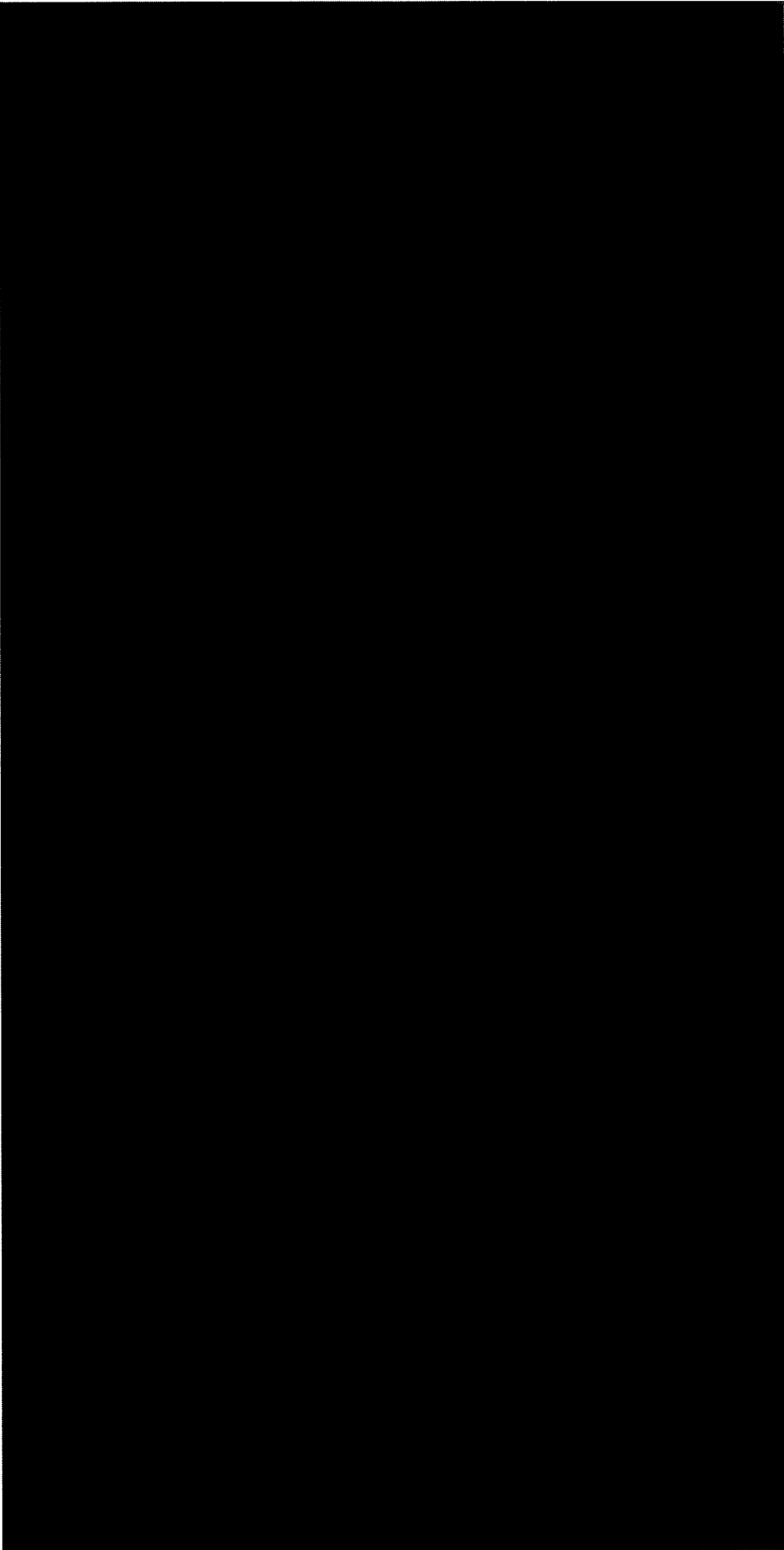
Del. Linkery

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Maine State Police
Schemengees Bar & Grille
553 Lincoln St
Lewiston, ME





Maine State Police
Schemengees Bar & Grille
553 Lincoln St
Lewiston, ME



Registration Report

Project	2023_1025_Maine-Bar
Cluster	Scans
Recording Period	10/26/2023, 4:24:08 AM - 10/27/2023, 4:15:03 PM
Location	
Report Date	12/18/2023, 2:16:20 PM

Color Coding

Point Error	< 0.31 in	> 0.79 in
Overlap	> 25.0 %	< 10.0 %

Overview

Scan Point Statistics

Maximum Point Error

0.184 in

Mean Point Error

0.061 in

Minimum Overlap

11.9 %

Scan Errors

Scan Point Statistics

Cluster/Scan	Connections	Max. Point Error [in]	Mean Point Error [in]	Min. Overlap
2023_1026_opu6_eec_025	3	0.127	0.114	35.9 %
2023_1026_BS_rlg059	4	0.127	0.099	23.9 %
2023_1026_BS_rlg060	1	0.043	0.043	85.5 %
2023_1026_BS_rlg001	8	0.044	0.032	74.8 %
2023_1026_BS_rlg002	7	0.032	0.028	70.8 %
2023_1026_opu4_eec_001	9	0.084	0.054	39.1 %
2023_1026_opu4_eec_002	8	0.083	0.046	49.4 %
2023_1026_opu4_eec_003	7	0.054	0.037	41.5 %
2023_1026_opu4_eec_004	5	0.052	0.039	47.0 %
2023_1026_opu4_eec_005	8	0.081	0.046	33.0 %
2023_1026_opu4_eec_006	6	0.065	0.042	43.0 %
2023_1026_opu4_eec_007	4	0.081	0.067	33.0 %
2023_1026_opu4_eec_008	4	0.070	0.057	45.3 %
2023_1026_opu4_eec_009	5	0.076	0.057	27.2 %
2023_1026_opu4_eec_010	5	0.068	0.057	25.6 %
2023_1026_opu4_eec_011	4	0.073	0.064	39.8 %
2023_1026_opu4_eec_012	4	0.076	0.065	27.2 %
2023_1026_opu4_eec_013	4	0.073	0.065	25.6 %
2023_1026_opu4_eec_014	4	0.139	0.083	41.0 %
2023_1026_opu4_eec_015	4	0.114	0.073	43.9 %
2023_1026_opu4_eec_016	4	0.093	0.059	42.7 %
2023_1026_opu4_eec_017	5	0.139	0.079	32.4 %
2023_1026_opu4_eec_018	5	0.114	0.065	43.9 %
2023_1026_opu4_eec_019	4	0.089	0.065	32.4 %
2023_1026_opu4_eec_020	4	0.077	0.063	45.7 %
2023_1026_opu4_eec_021	3	0.089	0.077	45.5 %
2023_1026_opu6_eec_001	6	0.078	0.066	47.9 %
2023_1026_opu6_eec_002	5	0.101	0.068	37.5 %
2023_1026_opu6_eec_003	6	0.083	0.051	41.1 %
2023_1026_opu6_eec_004	8	0.080	0.055	39.2 %
2023_1026_opu6_eec_005	10	0.101	0.060	32.7 %
2023_1026_opu6_eec_006	12	0.087	0.043	22.9 %
2023_1026_opu6_eec_007	7	0.074	0.040	43.0 %
2023_1026_opu6_eec_008	13	0.068	0.038	30.1 %
2023_1026_opu6_eec_009	11	0.056	0.034	31.6 %
2023_1026_opu6_eec_010	10	0.047	0.032	38.8 %

2023_1026_opu6_eec_011	13	0.077	0.055	22.9 %
2023_1026_opu6_eec_012	16	0.087	0.053	23.0 %
2023_1026_opu6_eec_013	7	0.076	0.049	34.9 %
2023_1026_opu6_eec_014	10	0.074	0.041	55.3 %
2023_1026_opu6_eec_015	9	0.043	0.032	55.8 %
2023_1026_opu6_eec_016	14	0.077	0.038	23.3 %
2023_1026_opu6_eec_017	12	0.061	0.035	29.6 %
2023_1026_opu6_eec_018	11	0.054	0.032	26.3 %
2023_1026_opu6_eec_019	6	0.046	0.034	54.6 %
2023_1026_opu6_eec_020	8	0.093	0.052	36.6 %
2023_1026_opu6_eec_021	5	0.122	0.056	54.5 %
2023_1026_opu6_eec_022	12	0.087	0.058	47.0 %
2023_1026_opu6_eec_023	4	0.090	0.077	34.9 %
2023_1026_opu6_eec_024	4	0.090	0.059	36.6 %
2023_1026_BS_rlg022	5	0.069	0.042	37.1 %
2023_1026_BS_rlg023	3	0.042	0.041	59.0 %
2023_1026_BS_rlg024	4	0.042	0.034	34.0 %
2023_1026_BS_rlg025	6	0.072	0.040	40.0 %
2023_1026_BS_rlg026	5	0.064	0.040	34.0 %
2023_1026_BS_rlg027	4	0.072	0.067	37.1 %
2023_1026_BS_rlg028	8	0.067	0.055	36.5 %
2023_1026_BS_rlg029	8	0.072	0.052	42.2 %
2023_1026_BS_rlg030	8	0.080	0.047	45.1 %
2023_1026_BS_rlg031	5	0.098	0.060	36.5 %
2023_1026_BS_rlg032	5	0.087	0.052	46.7 %
2023_1026_BS_rlg033	3	0.105	0.069	37.7 %
2023_1026_BS_rlg034	6	0.061	0.045	24.3 %
2023_1026_BS_rlg035	6	0.067	0.043	35.8 %
2023_1026_BS_rlg036	7	0.052	0.035	24.3 %
2023_1026_BS_rlg037	5	0.039	0.031	55.7 %
2023_1026_BS_rlg038	6	0.039	0.032	53.0 %
2023_1026_BS_rlg039	1	0.056	0.056	51.8 %
2023_1026_BS_rlg040	4	0.056	0.039	41.5 %
2023_1026_BS_rlg005	22	0.120	0.067	38.4 %
2023_1026_BS_rlg006	22	0.156	0.069	32.4 %
2023_1026_BS_rlg008	20	0.089	0.059	41.4 %
2023_1026_BS_rlg009	23	0.132	0.062	37.9 %
2023_1026_BS_rlg010	27	0.111	0.065	38.8 %
2023_1026_BS_rlg011	28	0.102	0.063	43.6 %
2023_1026_opu6_eec_038	14	0.127	0.082	40.9 %
2023_1026_opu6_eec_039	16	0.112	0.084	19.9 %
2023_1026_opu6_eec_040	17	0.115	0.078	21.1 %
2023_1026_BS_rlg041	9	0.105	0.082	19.9 %

2023_1026_BS_rlg042	13	0.134	0.100	31.7 %
2023_1026_BS_rlg043	11	0.184	0.103	38.2 %
2023_1026_BS_rlg052	4	0.055	0.044	25.4 %
2023_1026_BS_rlg053	3	0.051	0.047	32.7 %
2023_1026_BS_rlg055	3	0.063	0.057	25.4 %
2023_1026_BS_rlg056	3	0.063	0.047	32.7 %
2023_1026_BS_rlg051	13	0.140	0.094	30.4 %
2023_1026_opu4_eec_026	24	0.120	0.062	40.9 %
2023_1026_opu4_eec_029	21	0.104	0.067	39.1 %
2023_1026_opu4_eec_030	18	0.128	0.086	45.7 %
2023_1026_opu4_eec_027	23	0.091	0.058	41.4 %
2023_1026_opu4_eec_028	23	0.096	0.064	47.1 %
2023_1026_opu4_eec_022	21	0.184	0.092	23.9 %
2023_1026_opu6_eec_026	16	0.132	0.081	44.5 %
2023_1026_opu4_eec_023	18	0.150	0.075	38.1 %
2023_1026_opu6_eec_027	23	0.140	0.077	37.7 %
2023_1026_opu4_eec_024	20	0.124	0.079	38.6 %
2023_1026_opu4_eec_025	16	0.085	0.055	36.6 %
2023_1026_opu6_eec_028	24	0.125	0.077	41.8 %
2023_1026_BS_rlg044	18	0.083	0.063	17.7 %
2023_1026_BS_rlg045	5	0.042	0.036	45.0 %
2023_1026_BS_rlg046	8	0.059	0.038	34.9 %
2023_1026_BS_rlg047	9	0.044	0.034	17.7 %
2023_1026_BS_rlg048	9	0.045	0.034	23.4 %
2023_1026_BS_rlg049	7	0.044	0.037	19.2 %
2023_1026_BS_rlg050	14	0.082	0.059	34.0 %
2023_1026_opu4_eec_037	3	0.090	0.065	39.7 %
2023_1026_opu4_eec_036	15	0.081	0.059	41.5 %
2023_1026_opu6_eec_036	4	0.090	0.072	39.7 %
2023_1026_opu6_eec_037	2	0.069	0.058	51.9 %
2023_1026_BS_rlg003	21	0.123	0.072	30.3 %
2023_1026_BS_rlg016	3	0.022	0.021	56.8 %
2023_1026_BS_rlg017	4	0.077	0.036	31.1 %
2023_1026_BS_rlg018	16	0.156	0.084	11.9 %
2023_1026_BS_rlg019	3	0.085	0.047	11.9 %
2023_1026_BS_rlg020	4	0.044	0.033	21.0 %
2023_1026_BS_rlg021	16	0.132	0.086	35.6 %
2023_1026_BS_rlg004	9	0.118	0.064	32.4 %
2023_1026_opu4_eec_035	4	0.063	0.049	37.7 %
2023_1026_opu4_eec_034	14	0.084	0.056	49.4 %
2023_1026_opu6_eec_033	3	0.049	0.042	64.6 %
2023_1026_opu6_eec_034	3	0.053	0.043	68.1 %
2023_1026_opu6_eec_029	2	0.028	0.027	39.4 %

2023_1026_opu6_eec_030	2	0.028	0.027	58.7 %
2023_1026_opu6_eec_031	13	0.072	0.050	39.4 %
2023_1026_opu4_eec_031	19	0.107	0.067	40.9 %
2023_1026_opu4_eec_032	17	0.097	0.057	44.0 %
2023_1026_opu4_eec_033	21	0.090	0.064	37.7 %
2023_1026_opu6_eec_032	16	0.110	0.069	39.1 %
2023_1026_opu6_eec_035	22	0.110	0.069	36.9 %
2023_1026_BS_rlg012	21	0.106	0.065	30.4 %
2023_1026_BS_rlg013	19	0.115	0.062	38.5 %
2023_1026_BS_rlg014	19	0.128	0.068	38.0 %
2023_1026_BS_rlg015	21	0.124	0.073	40.9 %

Detailed Errors

Scan Point Statistics

Cluster/Scan 1	Cluster/Scan 2	Point Error [in]	Overlap
2023_1026_opu6_eec_025	2023_1026_opu6_eec_021	0.122	65.2 %
2023_1026_opu6_eec_025	2023_1026_BS_rlg059	0.127	35.9 %
2023_1026_opu6_eec_025	2023_1026_opu6_eec_020	0.093	53.4 %
2023_1026_BS_rlg059	2023_1026_BS_rlg003	0.123	36.4 %
2023_1026_BS_rlg059	2023_1026_opu4_eec_022	0.104	23.9 %
2023_1026_BS_rlg059	2023_1026_BS_rlg060	0.043	85.5 %
2023_1026_BS_rlg001	2023_1026_opu6_eec_016	0.034	80.1 %
2023_1026_BS_rlg001	2023_1026_opu6_eec_009	0.031	93.2 %
2023_1026_BS_rlg001	2023_1026_opu6_eec_006	0.044	74.8 %
2023_1026_BS_rlg001	2023_1026_opu6_eec_017	0.027	88.0 %
2023_1026_BS_rlg001	2023_1026_BS_rlg002	0.025	82.7 %
2023_1026_opu4_eec_001	2023_1026_opu6_eec_004	0.033	87.3 %
2023_1026_opu4_eec_001	2023_1026_opu4_eec_003	0.040	70.9 %
2023_1026_opu4_eec_001	2023_1026_opu6_eec_012	0.058	45.3 %
2023_1026_opu4_eec_001	2023_1026_opu6_eec_005	0.068	43.2 %
2023_1026_opu4_eec_001	2023_1026_opu6_eec_002	0.084	66.4 %
2023_1026_opu4_eec_001	2023_1026_opu6_eec_019	0.046	65.8 %
2023_1026_opu4_eec_002	2023_1026_opu4_eec_001	0.031	81.6 %
2023_1026_opu4_eec_002	2023_1026_opu4_eec_003	0.026	80.7 %
2023_1026_opu4_eec_002	2023_1026_opu6_eec_004	0.052	77.8 %
2023_1026_opu4_eec_002	2023_1026_opu6_eec_019	0.031	73.5 %
2023_1026_opu4_eec_002	2023_1026_opu6_eec_012	0.044	49.4 %
2023_1026_opu4_eec_002	2023_1026_opu6_eec_003	0.083	72.0 %
2023_1026_opu4_eec_002	2023_1026_opu4_eec_004	0.040	66.6 %
2023_1026_opu4_eec_004	2023_1026_opu4_eec_003	0.028	77.2 %
2023_1026_opu4_eec_004	2023_1026_opu6_eec_012	0.050	47.0 %
2023_1026_opu4_eec_005	2023_1026_opu4_eec_003	0.052	51.8 %
2023_1026_opu4_eec_005	2023_1026_opu4_eec_004	0.052	68.6 %
2023_1026_opu4_eec_005	2023_1026_opu4_eec_006	0.039	60.9 %
2023_1026_opu4_eec_005	2023_1026_opu6_eec_019	0.043	65.6 %
2023_1026_opu4_eec_005	2023_1026_opu6_eec_012	0.036	34.9 %
2023_1026_opu4_eec_005	2023_1026_opu6_eec_009	0.039	40.8 %
2023_1026_opu4_eec_005	2023_1026_opu4_eec_007	0.081	33.0 %
2023_1026_opu4_eec_006	2023_1026_BS_rlg002	0.032	80.9 %
2023_1026_opu4_eec_006	2023_1026_opu4_eec_007	0.065	73.6 %
2023_1026_opu4_eec_006	2023_1026_opu6_eec_009	0.031	43.0 %

2023_1026_opu4_eec_006	2023_1026_opu4_eec_008	0.055	51.1 %
2023_1026_opu4_eec_007	2023_1026_opu4_eec_008	0.070	78.6 %
2023_1026_opu4_eec_007	2023_1026_opu4_eec_009	0.051	61.2 %
2023_1026_opu4_eec_008	2023_1026_opu4_eec_009	0.054	79.6 %
2023_1026_opu4_eec_009	2023_1026_opu4_eec_011	0.055	43.6 %
2023_1026_opu4_eec_009	2023_1026_opu4_eec_012	0.076	27.2 %
2023_1026_opu4_eec_010	2023_1026_opu4_eec_008	0.049	45.3 %
2023_1026_opu4_eec_010	2023_1026_opu4_eec_009	0.048	60.5 %
2023_1026_opu4_eec_010	2023_1026_opu4_eec_011	0.060	76.4 %
2023_1026_opu4_eec_010	2023_1026_opu4_eec_012	0.059	39.0 %
2023_1026_opu4_eec_012	2023_1026_opu4_eec_011	0.067	60.5 %
2023_1026_opu4_eec_013	2023_1026_opu4_eec_010	0.068	25.6 %
2023_1026_opu4_eec_013	2023_1026_opu4_eec_011	0.073	39.8 %
2023_1026_opu4_eec_013	2023_1026_opu4_eec_012	0.059	71.9 %
2023_1026_opu4_eec_013	2023_1026_opu4_eec_014	0.059	63.1 %
2023_1026_opu4_eec_014	2023_1026_opu4_eec_015	0.043	60.3 %
2023_1026_opu4_eec_014	2023_1026_opu4_eec_016	0.093	42.7 %
2023_1026_opu4_eec_014	2023_1026_opu4_eec_017	0.139	41.0 %
2023_1026_opu4_eec_015	2023_1026_opu4_eec_016	0.051	77.0 %
2023_1026_opu4_eec_017	2023_1026_opu4_eec_015	0.086	74.9 %
2023_1026_opu4_eec_017	2023_1026_opu4_eec_016	0.036	92.3 %
2023_1026_opu4_eec_017	2023_1026_opu4_eec_018	0.048	60.7 %
2023_1026_opu4_eec_017	2023_1026_opu4_eec_019	0.087	32.4 %
2023_1026_opu4_eec_018	2023_1026_opu4_eec_015	0.114	43.9 %
2023_1026_opu4_eec_018	2023_1026_opu4_eec_016	0.055	58.5 %
2023_1026_opu4_eec_018	2023_1026_opu4_eec_019	0.041	84.9 %
2023_1026_opu4_eec_018	2023_1026_opu4_eec_020	0.065	69.6 %
2023_1026_opu4_eec_019	2023_1026_opu4_eec_020	0.041	73.5 %
2023_1026_opu4_eec_021	2023_1026_opu4_eec_019	0.089	45.5 %
2023_1026_opu4_eec_021	2023_1026_opu4_eec_020	0.071	59.4 %
2023_1026_opu4_eec_021	2023_1026_opu6_eec_023	0.072	74.8 %
2023_1026_opu6_eec_002	2023_1026_opu6_eec_001	0.056	66.6 %
2023_1026_opu6_eec_002	2023_1026_opu6_eec_004	0.062	77.2 %
2023_1026_opu6_eec_002	2023_1026_opu6_eec_005	0.101	37.5 %
2023_1026_opu6_eec_003	2023_1026_opu4_eec_001	0.051	79.5 %
2023_1026_opu6_eec_003	2023_1026_opu6_eec_001	0.052	54.3 %
2023_1026_opu6_eec_003	2023_1026_opu6_eec_002	0.038	84.8 %
2023_1026_opu6_eec_003	2023_1026_opu6_eec_004	0.031	84.8 %
2023_1026_opu6_eec_003	2023_1026_opu6_eec_005	0.055	41.1 %
2023_1026_opu6_eec_004	2023_1026_opu6_eec_001	0.070	47.9 %
2023_1026_opu6_eec_004	2023_1026_opu6_eec_012	0.080	42.1 %
2023_1026_opu6_eec_005	2023_1026_opu6_eec_004	0.048	49.6 %
2023_1026_opu6_eec_005	2023_1026_opu6_eec_022	0.087	52.5 %

2023_1026_opu6_eec_005	2023_1026_opu6_eec_012	0.070	32.7 %
2023_1026_opu6_eec_006	2023_1026_opu6_eec_005	0.034	64.0 %
2023_1026_opu6_eec_006	2023_1026_opu6_eec_015	0.024	86.8 %
2023_1026_opu6_eec_006	2023_1026_opu6_eec_022	0.060	63.0 %
2023_1026_opu6_eec_006	2023_1026_opu6_eec_012	0.087	23.0 %
2023_1026_opu6_eec_007	2023_1026_opu6_eec_006	0.035	77.9 %
2023_1026_opu6_eec_007	2023_1026_opu6_eec_015	0.028	82.5 %
2023_1026_opu6_eec_007	2023_1026_opu6_eec_016	0.032	78.6 %
2023_1026_opu6_eec_007	2023_1026_opu6_eec_022	0.032	70.4 %
2023_1026_opu6_eec_008	2023_1026_BS_rlg001	0.032	88.5 %
2023_1026_opu6_eec_008	2023_1026_BS_rlg002	0.030	76.5 %
2023_1026_opu6_eec_008	2023_1026_opu6_eec_006	0.035	79.7 %
2023_1026_opu6_eec_008	2023_1026_opu6_eec_007	0.040	68.2 %
2023_1026_opu6_eec_008	2023_1026_opu6_eec_017	0.023	97.8 %
2023_1026_opu6_eec_008	2023_1026_opu6_eec_016	0.025	84.9 %
2023_1026_opu6_eec_008	2023_1026_opu6_eec_015	0.039	76.2 %
2023_1026_opu6_eec_008	2023_1026_opu6_eec_018	0.031	81.8 %
2023_1026_opu6_eec_008	2023_1026_opu6_eec_010	0.024	88.3 %
2023_1026_opu6_eec_008	2023_1026_opu6_eec_009	0.028	84.8 %
2023_1026_opu6_eec_008	2023_1026_opu6_eec_022	0.068	47.8 %
2023_1026_opu6_eec_008	2023_1026_opu6_eec_011	0.050	30.3 %
2023_1026_opu6_eec_008	2023_1026_opu6_eec_012	0.062	30.1 %
2023_1026_opu6_eec_009	2023_1026_BS_rlg002	0.029	80.9 %
2023_1026_opu6_eec_009	2023_1026_opu6_eec_012	0.037	35.8 %
2023_1026_opu6_eec_010	2023_1026_BS_rlg001	0.031	83.6 %
2023_1026_opu6_eec_010	2023_1026_BS_rlg002	0.027	70.8 %
2023_1026_opu6_eec_010	2023_1026_opu6_eec_006	0.047	77.2 %
2023_1026_opu6_eec_010	2023_1026_opu6_eec_009	0.030	80.3 %
2023_1026_opu6_eec_010	2023_1026_opu6_eec_016	0.028	80.8 %
2023_1026_opu6_eec_010	2023_1026_opu6_eec_017	0.026	88.3 %
2023_1026_opu6_eec_010	2023_1026_opu6_eec_011	0.040	39.4 %
2023_1026_opu6_eec_010	2023_1026_opu6_eec_012	0.042	38.8 %
2023_1026_opu6_eec_011	2023_1026_opu4_eec_001	0.077	39.1 %
2023_1026_opu6_eec_011	2023_1026_opu4_eec_002	0.060	50.1 %
2023_1026_opu6_eec_011	2023_1026_opu4_eec_003	0.054	41.5 %
2023_1026_opu6_eec_011	2023_1026_opu6_eec_004	0.068	39.2 %
2023_1026_opu6_eec_011	2023_1026_opu6_eec_005	0.050	33.9 %
2023_1026_opu6_eec_011	2023_1026_opu6_eec_006	0.060	22.9 %
2023_1026_opu6_eec_011	2023_1026_opu6_eec_009	0.056	31.6 %
2023_1026_opu6_eec_011	2023_1026_opu6_eec_012	0.042	55.4 %
2023_1026_opu6_eec_011	2023_1026_opu6_eec_016	0.056	23.4 %
2023_1026_opu6_eec_011	2023_1026_opu6_eec_017	0.044	29.8 %
2023_1026_opu6_eec_012	2023_1026_opu4_eec_003	0.037	60.2 %

2023_1026_opu6_eec_013	2023_1026_opu6_eec_001	0.065	61.9 %
2023_1026_opu6_eec_013	2023_1026_opu6_eec_014	0.026	82.2 %
2023_1026_opu6_eec_013	2023_1026_opu6_eec_020	0.033	68.6 %
2023_1026_opu6_eec_013	2023_1026_opu6_eec_024	0.026	70.2 %
2023_1026_opu6_eec_013	2023_1026_opu6_eec_022	0.076	52.2 %
2023_1026_opu6_eec_013	2023_1026_opu6_eec_023	0.068	34.9 %
2023_1026_opu6_eec_014	2023_1026_opu6_eec_001	0.074	55.3 %
2023_1026_opu6_eec_014	2023_1026_opu6_eec_006	0.035	70.9 %
2023_1026_opu6_eec_014	2023_1026_opu6_eec_007	0.038	70.6 %
2023_1026_opu6_eec_014	2023_1026_opu6_eec_015	0.023	80.2 %
2023_1026_opu6_eec_014	2023_1026_opu6_eec_020	0.028	73.1 %
2023_1026_opu6_eec_014	2023_1026_opu6_eec_016	0.038	69.8 %
2023_1026_opu6_eec_014	2023_1026_opu6_eec_022	0.058	59.3 %
2023_1026_opu6_eec_014	2023_1026_opu6_eec_024	0.054	57.1 %
2023_1026_opu6_eec_015	2023_1026_opu6_eec_005	0.043	55.8 %
2023_1026_opu6_eec_015	2023_1026_opu6_eec_022	0.042	68.2 %
2023_1026_opu6_eec_015	2023_1026_opu6_eec_020	0.034	64.1 %
2023_1026_opu6_eec_016	2023_1026_opu6_eec_005	0.040	59.4 %
2023_1026_opu6_eec_016	2023_1026_opu6_eec_006	0.023	92.0 %
2023_1026_opu6_eec_016	2023_1026_opu6_eec_009	0.039	74.9 %
2023_1026_opu6_eec_016	2023_1026_opu6_eec_012	0.077	23.3 %
2023_1026_opu6_eec_016	2023_1026_opu6_eec_015	0.023	85.1 %
2023_1026_opu6_eec_016	2023_1026_opu6_eec_022	0.051	61.5 %
2023_1026_opu6_eec_017	2023_1026_BS_rlg002	0.028	75.8 %
2023_1026_opu6_eec_017	2023_1026_opu6_eec_006	0.032	81.6 %
2023_1026_opu6_eec_017	2023_1026_opu6_eec_009	0.029	83.3 %
2023_1026_opu6_eec_017	2023_1026_opu6_eec_012	0.058	29.6 %
2023_1026_opu6_eec_017	2023_1026_opu6_eec_015	0.037	78.4 %
2023_1026_opu6_eec_017	2023_1026_opu6_eec_016	0.023	87.4 %
2023_1026_opu6_eec_017	2023_1026_opu6_eec_022	0.061	47.0 %
2023_1026_opu6_eec_018	2023_1026_BS_rlg001	0.028	82.8 %
2023_1026_opu6_eec_018	2023_1026_BS_rlg002	0.026	86.8 %
2023_1026_opu6_eec_018	2023_1026_opu4_eec_005	0.028	45.3 %
2023_1026_opu6_eec_018	2023_1026_opu4_eec_006	0.027	48.3 %
2023_1026_opu6_eec_018	2023_1026_opu6_eec_009	0.025	83.0 %
2023_1026_opu6_eec_018	2023_1026_opu6_eec_010	0.027	74.0 %
2023_1026_opu6_eec_018	2023_1026_opu6_eec_011	0.054	26.3 %
2023_1026_opu6_eec_018	2023_1026_opu6_eec_012	0.038	29.4 %
2023_1026_opu6_eec_018	2023_1026_opu6_eec_016	0.042	72.4 %
2023_1026_opu6_eec_018	2023_1026_opu6_eec_017	0.027	81.0 %
2023_1026_opu6_eec_019	2023_1026_opu4_eec_003	0.025	87.3 %
2023_1026_opu6_eec_019	2023_1026_opu4_eec_004	0.026	84.3 %
2023_1026_opu6_eec_019	2023_1026_opu6_eec_012	0.034	54.6 %

2023_1026_opu6_eec_020	2023_1026_opu6_eec_001	0.078	54.1 %
2023_1026_opu6_eec_020	2023_1026_opu6_eec_022	0.043	58.9 %
2023_1026_opu6_eec_021	2023_1026_opu6_eec_013	0.047	54.5 %
2023_1026_opu6_eec_021	2023_1026_opu6_eec_014	0.041	59.8 %
2023_1026_opu6_eec_021	2023_1026_opu6_eec_020	0.038	74.6 %
2023_1026_opu6_eec_021	2023_1026_opu6_eec_022	0.033	70.3 %
2023_1026_opu6_eec_023	2023_1026_opu4_eec_020	0.077	45.7 %
2023_1026_opu6_eec_024	2023_1026_opu6_eec_020	0.067	36.6 %
2023_1026_opu6_eec_024	2023_1026_opu6_eec_023	0.090	49.8 %
2023_1026_BS_rlg022	2023_1026_BS_rlg024	0.033	58.1 %
2023_1026_BS_rlg023	2023_1026_BS_rlg022	0.041	66.1 %
2023_1026_BS_rlg023	2023_1026_BS_rlg024	0.042	63.6 %
2023_1026_BS_rlg023	2023_1026_BS_rlg025	0.040	59.0 %
2023_1026_BS_rlg025	2023_1026_BS_rlg022	0.031	67.0 %
2023_1026_BS_rlg025	2023_1026_BS_rlg024	0.028	57.1 %
2023_1026_BS_rlg025	2023_1026_BS_rlg028	0.038	40.0 %
2023_1026_BS_rlg026	2023_1026_BS_rlg022	0.037	47.8 %
2023_1026_BS_rlg026	2023_1026_BS_rlg024	0.031	34.0 %
2023_1026_BS_rlg026	2023_1026_BS_rlg025	0.031	58.4 %
2023_1026_BS_rlg026	2023_1026_BS_rlg028	0.039	65.2 %
2023_1026_BS_rlg026	2023_1026_BS_rlg027	0.064	75.6 %
2023_1026_BS_rlg027	2023_1026_BS_rlg022	0.069	37.1 %
2023_1026_BS_rlg027	2023_1026_BS_rlg025	0.072	53.9 %
2023_1026_BS_rlg027	2023_1026_BS_rlg028	0.063	79.9 %
2023_1026_BS_rlg029	2023_1026_BS_rlg028	0.050	60.1 %
2023_1026_BS_rlg030	2023_1026_BS_rlg028	0.056	47.0 %
2023_1026_BS_rlg030	2023_1026_BS_rlg029	0.042	60.2 %
2023_1026_BS_rlg030	2023_1026_BS_rlg034	0.039	80.5 %
2023_1026_BS_rlg030	2023_1026_BS_rlg032	0.042	78.7 %
2023_1026_BS_rlg030	2023_1026_BS_rlg031	0.049	76.3 %
2023_1026_BS_rlg030	2023_1026_BS_rlg035	0.038	68.1 %
2023_1026_BS_rlg030	2023_1026_BS_rlg040	0.035	45.1 %
2023_1026_BS_rlg030	2023_1026_BS_rlg041	0.080	57.0 %
2023_1026_BS_rlg031	2023_1026_BS_rlg028	0.063	36.5 %
2023_1026_BS_rlg031	2023_1026_BS_rlg029	0.049	64.1 %
2023_1026_BS_rlg032	2023_1026_BS_rlg029	0.052	62.0 %
2023_1026_BS_rlg032	2023_1026_BS_rlg031	0.040	48.6 %
2023_1026_BS_rlg033	2023_1026_BS_rlg029	0.063	64.5 %
2023_1026_BS_rlg033	2023_1026_BS_rlg032	0.038	87.4 %
2023_1026_BS_rlg033	2023_1026_BS_rlg041	0.105	37.7 %
2023_1026_BS_rlg034	2023_1026_BS_rlg028	0.061	55.2 %
2023_1026_BS_rlg034	2023_1026_BS_rlg029	0.047	59.2 %
2023_1026_BS_rlg034	2023_1026_BS_rlg035	0.035	84.5 %

2023_1026_BS_rlg034	2023_1026_BS_rlg036	0.052	24.3 %
2023_1026_BS_rlg035	2023_1026_BS_rlg028	0.067	43.1 %
2023_1026_BS_rlg035	2023_1026_BS_rlg029	0.041	42.2 %
2023_1026_BS_rlg036	2023_1026_BS_rlg035	0.043	35.8 %
2023_1026_BS_rlg036	2023_1026_BS_rlg038	0.029	61.9 %
2023_1026_BS_rlg036	2023_1026_BS_rlg037	0.026	58.3 %
2023_1026_BS_rlg036	2023_1026_BS_rlg046	0.032	65.3 %
2023_1026_BS_rlg036	2023_1026_BS_rlg047	0.031	57.0 %
2023_1026_BS_rlg036	2023_1026_BS_rlg048	0.033	53.4 %
2023_1026_BS_rlg037	2023_1026_BS_rlg038	0.026	73.3 %
2023_1026_BS_rlg037	2023_1026_BS_rlg048	0.033	55.7 %
2023_1026_BS_rlg037	2023_1026_BS_rlg047	0.031	61.1 %
2023_1026_BS_rlg038	2023_1026_BS_rlg047	0.034	69.2 %
2023_1026_BS_rlg040	2023_1026_BS_rlg034	0.034	43.8 %
2023_1026_BS_rlg040	2023_1026_BS_rlg035	0.033	41.5 %
2023_1026_BS_rlg040	2023_1026_BS_rlg039	0.056	51.8 %
2023_1026_BS_rlg005	2023_1026_BS_rlg044	0.052	67.5 %
2023_1026_BS_rlg005	2023_1026_opu4_eec_024	0.047	87.5 %
2023_1026_BS_rlg005	2023_1026_opu4_eec_023	0.043	82.7 %
2023_1026_BS_rlg005	2023_1026_opu4_eec_022	0.055	80.2 %
2023_1026_BS_rlg005	2023_1026_opu4_eec_025	0.048	71.2 %
2023_1026_BS_rlg005	2023_1026_opu4_eec_026	0.068	52.3 %
2023_1026_BS_rlg005	2023_1026_opu6_eec_026	0.078	74.1 %
2023_1026_BS_rlg005	2023_1026_opu6_eec_027	0.081	51.8 %
2023_1026_BS_rlg005	2023_1026_BS_rlg042	0.089	44.0 %
2023_1026_BS_rlg005	2023_1026_BS_rlg043	0.085	38.4 %
2023_1026_BS_rlg005	2023_1026_opu6_eec_039	0.082	65.5 %
2023_1026_BS_rlg005	2023_1026_opu6_eec_040	0.074	66.8 %
2023_1026_BS_rlg005	2023_1026_opu6_eec_038	0.078	64.6 %
2023_1026_BS_rlg005	2023_1026_BS_rlg003	0.055	56.3 %
2023_1026_BS_rlg005	2023_1026_BS_rlg018	0.120	48.2 %
2023_1026_BS_rlg005	2023_1026_BS_rlg004	0.093	43.6 %
2023_1026_BS_rlg005	2023_1026_BS_rlg021	0.106	49.3 %
2023_1026_BS_rlg005	2023_1026_BS_rlg006	0.039	80.6 %
2023_1026_BS_rlg005	2023_1026_BS_rlg008	0.038	73.8 %
2023_1026_BS_rlg005	2023_1026_BS_rlg009	0.042	73.1 %
2023_1026_BS_rlg005	2023_1026_BS_rlg011	0.053	52.2 %
2023_1026_BS_rlg006	2023_1026_opu4_eec_025	0.040	74.9 %
2023_1026_BS_rlg006	2023_1026_opu4_eec_022	0.061	75.6 %
2023_1026_BS_rlg006	2023_1026_opu4_eec_026	0.051	54.7 %
2023_1026_BS_rlg006	2023_1026_opu6_eec_026	0.074	67.1 %
2023_1026_BS_rlg006	2023_1026_opu6_eec_027	0.073	57.2 %
2023_1026_BS_rlg006	2023_1026_opu6_eec_028	0.073	48.5 %

2023_1026_BS_rlg006	2023_1026_BS_rlg044	0.066	63.1 %
2023_1026_BS_rlg006	2023_1026_BS_rlg042	0.090	48.8 %
2023_1026_BS_rlg006	2023_1026_opu6_eec_040	0.071	64.6 %
2023_1026_BS_rlg006	2023_1026_opu6_eec_039	0.087	60.0 %
2023_1026_BS_rlg006	2023_1026_opu6_eec_038	0.079	57.7 %
2023_1026_BS_rlg006	2023_1026_BS_rlg003	0.068	46.6 %
2023_1026_BS_rlg006	2023_1026_BS_rlg021	0.127	41.1 %
2023_1026_BS_rlg006	2023_1026_BS_rlg018	0.156	38.2 %
2023_1026_BS_rlg006	2023_1026_BS_rlg004	0.118	32.4 %
2023_1026_BS_rlg006	2023_1026_BS_rlg009	0.032	77.7 %
2023_1026_BS_rlg006	2023_1026_BS_rlg008	0.034	79.3 %
2023_1026_BS_rlg006	2023_1026_BS_rlg011	0.040	55.0 %
2023_1026_BS_rlg008	2023_1026_opu4_eec_022	0.063	59.1 %
2023_1026_BS_rlg008	2023_1026_opu4_eec_026	0.057	50.3 %
2023_1026_BS_rlg008	2023_1026_opu4_eec_025	0.047	61.1 %
2023_1026_BS_rlg008	2023_1026_opu4_eec_027	0.063	41.4 %
2023_1026_BS_rlg008	2023_1026_opu6_eec_028	0.078	44.5 %
2023_1026_BS_rlg008	2023_1026_BS_rlg044	0.058	50.2 %
2023_1026_BS_rlg008	2023_1026_opu6_eec_039	0.079	50.0 %
2023_1026_BS_rlg008	2023_1026_opu6_eec_038	0.075	46.5 %
2023_1026_BS_rlg008	2023_1026_BS_rlg003	0.072	47.2 %
2023_1026_BS_rlg008	2023_1026_BS_rlg011	0.041	52.2 %
2023_1026_BS_rlg009	2023_1026_opu4_eec_025	0.034	90.8 %
2023_1026_BS_rlg009	2023_1026_opu4_eec_026	0.049	73.7 %
2023_1026_BS_rlg009	2023_1026_opu4_eec_027	0.057	62.7 %
2023_1026_BS_rlg009	2023_1026_opu4_eec_022	0.068	69.3 %
2023_1026_BS_rlg009	2023_1026_opu4_eec_029	0.073	53.8 %
2023_1026_BS_rlg009	2023_1026_opu6_eec_028	0.074	63.8 %
2023_1026_BS_rlg009	2023_1026_BS_rlg044	0.064	52.2 %
2023_1026_BS_rlg009	2023_1026_opu6_eec_039	0.093	50.9 %
2023_1026_BS_rlg009	2023_1026_BS_rlg003	0.073	39.3 %
2023_1026_BS_rlg009	2023_1026_BS_rlg021	0.132	37.9 %
2023_1026_BS_rlg009	2023_1026_BS_rlg008	0.035	80.7 %
2023_1026_BS_rlg009	2023_1026_BS_rlg011	0.036	73.7 %
2023_1026_BS_rlg010	2023_1026_opu4_eec_026	0.049	79.3 %
2023_1026_BS_rlg010	2023_1026_opu6_eec_027	0.067	92.5 %
2023_1026_BS_rlg010	2023_1026_opu4_eec_025	0.046	70.6 %
2023_1026_BS_rlg010	2023_1026_opu6_eec_028	0.072	80.8 %
2023_1026_BS_rlg010	2023_1026_opu4_eec_028	0.058	62.6 %
2023_1026_BS_rlg010	2023_1026_opu4_eec_027	0.056	74.7 %
2023_1026_BS_rlg010	2023_1026_opu4_eec_029	0.072	72.0 %
2023_1026_BS_rlg010	2023_1026_opu6_eec_035	0.086	45.6 %

2023_1026_BS_rlg010	2023_1026_opu4_eec_023	0.057	59.9 %
2023_1026_BS_rlg010	2023_1026_opu4_eec_030	0.078	52.4 %
2023_1026_BS_rlg010	2023_1026_BS_rlg051	0.111	58.6 %
2023_1026_BS_rlg010	2023_1026_opu4_eec_033	0.077	43.2 %
2023_1026_BS_rlg010	2023_1026_opu4_eec_031	0.094	42.4 %
2023_1026_BS_rlg010	2023_1026_opu4_eec_022	0.074	53.7 %
2023_1026_BS_rlg010	2023_1026_opu4_eec_024	0.080	47.1 %
2023_1026_BS_rlg010	2023_1026_opu6_eec_026	0.080	46.0 %
2023_1026_BS_rlg010	2023_1026_BS_rlg015	0.087	47.9 %
2023_1026_BS_rlg010	2023_1026_BS_rlg012	0.062	41.5 %
2023_1026_BS_rlg010	2023_1026_BS_rlg014	0.069	40.1 %
2023_1026_BS_rlg010	2023_1026_BS_rlg013	0.063	38.8 %
2023_1026_BS_rlg010	2023_1026_BS_rlg050	0.077	54.1 %
2023_1026_BS_rlg010	2023_1026_opu4_eec_036	0.050	68.4 %
2023_1026_BS_rlg010	2023_1026_BS_rlg005	0.051	52.5 %
2023_1026_BS_rlg010	2023_1026_BS_rlg006	0.040	58.0 %
2023_1026_BS_rlg010	2023_1026_BS_rlg008	0.041	51.7 %
2023_1026_BS_rlg010	2023_1026_BS_rlg009	0.036	70.8 %
2023_1026_BS_rlg010	2023_1026_BS_rlg011	0.036	80.6 %
2023_1026_BS_rlg011	2023_1026_opu4_eec_026	0.039	92.3 %
2023_1026_BS_rlg011	2023_1026_opu4_eec_027	0.045	86.3 %
2023_1026_BS_rlg011	2023_1026_BS_rlg051	0.102	65.5 %
2023_1026_BS_rlg011	2023_1026_opu6_eec_028	0.069	77.5 %
2023_1026_BS_rlg011	2023_1026_opu4_eec_031	0.081	47.1 %
2023_1026_BS_rlg011	2023_1026_opu4_eec_022	0.096	45.8 %
2023_1026_BS_rlg011	2023_1026_opu4_eec_032	0.078	46.4 %
2023_1026_BS_rlg011	2023_1026_BS_rlg015	0.087	52.9 %
2023_1026_BS_rlg011	2023_1026_BS_rlg014	0.062	43.6 %
2023_1026_BS_rlg011	2023_1026_BS_rlg050	0.068	62.4 %
2023_1026_opu6_eec_039	2023_1026_opu4_eec_022	0.112	61.7 %
2023_1026_opu6_eec_039	2023_1026_BS_rlg003	0.075	62.0 %
2023_1026_opu6_eec_039	2023_1026_opu6_eec_038	0.048	74.4 %
2023_1026_opu6_eec_040	2023_1026_BS_rlg008	0.068	50.0 %
2023_1026_opu6_eec_040	2023_1026_BS_rlg009	0.075	51.1 %
2023_1026_opu6_eec_040	2023_1026_BS_rlg044	0.078	64.3 %
2023_1026_opu6_eec_040	2023_1026_opu4_eec_022	0.083	61.3 %
2023_1026_opu6_eec_040	2023_1026_BS_rlg003	0.080	58.1 %
2023_1026_opu6_eec_040	2023_1026_BS_rlg018	0.115	33.8 %
2023_1026_opu6_eec_040	2023_1026_BS_rlg021	0.096	35.6 %
2023_1026_opu6_eec_040	2023_1026_opu6_eec_038	0.047	55.4 %
2023_1026_opu6_eec_040	2023_1026_opu6_eec_039	0.046	65.9 %
2023_1026_opu6_eec_040	2023_1026_BS_rlg041	0.069	21.1 %
2023_1026_BS_rlg041	2023_1026_BS_rlg029	0.072	58.3 %

2023_1026_BS_rlg041	2023_1026_BS_rlg031	0.098	59.5 %
2023_1026_BS_rlg041	2023_1026_BS_rlg032	0.087	46.7 %
2023_1026_BS_rlg041	2023_1026_opu6_eec_039	0.084	19.9 %
2023_1026_BS_rlg042	2023_1026_BS_rlg008	0.089	44.0 %
2023_1026_BS_rlg042	2023_1026_BS_rlg044	0.082	45.2 %
2023_1026_BS_rlg042	2023_1026_opu4_eec_022	0.134	45.0 %
2023_1026_BS_rlg042	2023_1026_BS_rlg003	0.088	49.8 %
2023_1026_BS_rlg042	2023_1026_opu6_eec_038	0.108	43.8 %
2023_1026_BS_rlg042	2023_1026_opu6_eec_039	0.095	53.0 %
2023_1026_BS_rlg042	2023_1026_opu6_eec_040	0.091	63.6 %
2023_1026_BS_rlg042	2023_1026_BS_rlg041	0.078	31.7 %
2023_1026_BS_rlg043	2023_1026_BS_rlg003	0.077	49.9 %
2023_1026_BS_rlg043	2023_1026_opu6_eec_026	0.132	44.5 %
2023_1026_BS_rlg043	2023_1026_opu4_eec_022	0.184	38.2 %
2023_1026_BS_rlg043	2023_1026_BS_rlg021	0.087	39.7 %
2023_1026_BS_rlg043	2023_1026_opu6_eec_038	0.084	48.7 %
2023_1026_BS_rlg043	2023_1026_opu6_eec_039	0.092	46.5 %
2023_1026_BS_rlg043	2023_1026_opu6_eec_040	0.093	48.0 %
2023_1026_BS_rlg043	2023_1026_BS_rlg041	0.069	49.0 %
2023_1026_BS_rlg043	2023_1026_BS_rlg042	0.103	47.3 %
2023_1026_BS_rlg052	2023_1026_BS_rlg053	0.047	66.6 %
2023_1026_BS_rlg052	2023_1026_BS_rlg051	0.039	37.0 %
2023_1026_BS_rlg052	2023_1026_BS_rlg056	0.033	36.7 %
2023_1026_BS_rlg052	2023_1026_BS_rlg055	0.055	25.4 %
2023_1026_BS_rlg053	2023_1026_BS_rlg055	0.051	40.7 %
2023_1026_BS_rlg056	2023_1026_BS_rlg053	0.043	32.7 %
2023_1026_BS_rlg056	2023_1026_BS_rlg055	0.063	48.3 %
2023_1026_BS_rlg051	2023_1026_opu4_eec_027	0.087	60.9 %
2023_1026_opu4_eec_026	2023_1026_BS_rlg051	0.120	50.3 %
2023_1026_opu4_eec_026	2023_1026_opu4_eec_032	0.054	44.0 %
2023_1026_opu4_eec_026	2023_1026_BS_rlg015	0.084	48.4 %
2023_1026_opu4_eec_026	2023_1026_BS_rlg050	0.070	58.4 %
2023_1026_opu4_eec_026	2023_1026_opu4_eec_027	0.034	80.6 %
2023_1026_opu4_eec_029	2023_1026_BS_rlg011	0.053	82.3 %
2023_1026_opu4_eec_029	2023_1026_BS_rlg051	0.071	64.5 %
2023_1026_opu4_eec_029	2023_1026_opu4_eec_033	0.069	44.4 %
2023_1026_opu4_eec_029	2023_1026_opu4_eec_031	0.067	49.3 %
2023_1026_opu4_eec_029	2023_1026_opu4_eec_032	0.052	45.2 %
2023_1026_opu4_eec_029	2023_1026_BS_rlg015	0.084	55.2 %
2023_1026_opu4_eec_029	2023_1026_BS_rlg012	0.071	41.6 %
2023_1026_opu4_eec_029	2023_1026_BS_rlg014	0.077	44.9 %
2023_1026_opu4_eec_029	2023_1026_BS_rlg050	0.043	63.3 %
2023_1026_opu4_eec_029	2023_1026_opu4_eec_026	0.048	77.4 %

2023_1026_opu4_eec_029	2023_1026_opu4_eec_027	0.034	86.3 %
2023_1026_opu4_eec_029	2023_1026_opu6_eec_028	0.082	52.6 %
2023_1026_opu4_eec_030	2023_1026_BS_rlg011	0.062	58.9 %
2023_1026_opu4_eec_030	2023_1026_BS_rlg051	0.073	49.8 %
2023_1026_opu4_eec_030	2023_1026_opu4_eec_031	0.107	82.5 %
2023_1026_opu4_eec_030	2023_1026_opu4_eec_032	0.097	76.0 %
2023_1026_opu4_eec_030	2023_1026_opu4_eec_033	0.088	67.2 %
2023_1026_opu4_eec_030	2023_1026_BS_rlg015	0.124	83.6 %
2023_1026_opu4_eec_030	2023_1026_BS_rlg014	0.128	76.3 %
2023_1026_opu4_eec_030	2023_1026_BS_rlg012	0.106	66.3 %
2023_1026_opu4_eec_030	2023_1026_BS_rlg050	0.063	50.8 %
2023_1026_opu4_eec_030	2023_1026_opu4_eec_026	0.062	54.9 %
2023_1026_opu4_eec_030	2023_1026_opu4_eec_029	0.035	64.2 %
2023_1026_opu4_eec_030	2023_1026_opu4_eec_027	0.039	63.4 %
2023_1026_opu4_eec_030	2023_1026_opu6_eec_028	0.105	45.7 %
2023_1026_opu4_eec_027	2023_1026_opu4_eec_032	0.044	48.5 %
2023_1026_opu4_eec_027	2023_1026_BS_rlg050	0.050	61.7 %
2023_1026_opu4_eec_028	2023_1026_BS_rlg011	0.052	71.2 %
2023_1026_opu4_eec_028	2023_1026_BS_rlg009	0.064	51.8 %
2023_1026_opu4_eec_028	2023_1026_BS_rlg051	0.096	52.3 %
2023_1026_opu4_eec_028	2023_1026_opu4_eec_036	0.044	65.9 %
2023_1026_opu4_eec_028	2023_1026_opu4_eec_033	0.046	71.6 %
2023_1026_opu4_eec_028	2023_1026_opu4_eec_032	0.057	69.1 %
2023_1026_opu4_eec_028	2023_1026_opu4_eec_034	0.043	49.4 %
2023_1026_opu4_eec_028	2023_1026_opu4_eec_031	0.083	66.9 %
2023_1026_opu4_eec_028	2023_1026_opu6_eec_035	0.070	75.0 %
2023_1026_opu4_eec_028	2023_1026_opu6_eec_031	0.072	47.1 %
2023_1026_opu4_eec_028	2023_1026_opu6_eec_032	0.074	66.7 %
2023_1026_opu4_eec_028	2023_1026_BS_rlg012	0.063	69.2 %
2023_1026_opu4_eec_028	2023_1026_BS_rlg014	0.094	64.1 %
2023_1026_opu4_eec_028	2023_1026_BS_rlg013	0.068	66.8 %
2023_1026_opu4_eec_028	2023_1026_BS_rlg015	0.096	66.2 %
2023_1026_opu4_eec_028	2023_1026_BS_rlg050	0.082	53.0 %
2023_1026_opu4_eec_028	2023_1026_opu4_eec_026	0.042	68.4 %
2023_1026_opu4_eec_028	2023_1026_opu4_eec_029	0.045	58.7 %
2023_1026_opu4_eec_028	2023_1026_opu4_eec_030	0.060	64.5 %
2023_1026_opu4_eec_028	2023_1026_opu4_eec_027	0.038	72.7 %
2023_1026_opu4_eec_028	2023_1026_opu6_eec_028	0.068	69.4 %
2023_1026_opu4_eec_028	2023_1026_opu6_eec_027	0.068	60.7 %
2023_1026_opu4_eec_022	2023_1026_opu6_eec_038	0.127	61.6 %
2023_1026_opu4_eec_022	2023_1026_BS_rlg003	0.074	63.7 %
2023_1026_opu6_eec_026	2023_1026_BS_rlg008	0.071	51.1 %
2023_1026_opu6_eec_026	2023_1026_BS_rlg009	0.078	59.4 %

2023_1026_opu6_eec_026	2023_1026_opu6_eec_040	0.055	62.6 %
2023_1026_opu6_eec_026	2023_1026_opu6_eec_039	0.074	65.5 %
2023_1026_opu6_eec_026	2023_1026_opu6_eec_038	0.078	65.0 %
2023_1026_opu6_eec_026	2023_1026_BS_rlg044	0.062	62.1 %
2023_1026_opu6_eec_026	2023_1026_BS_rlg018	0.091	45.2 %
2023_1026_opu6_eec_026	2023_1026_BS_rlg021	0.093	46.1 %
2023_1026_opu6_eec_026	2023_1026_BS_rlg003	0.086	70.0 %
2023_1026_opu6_eec_026	2023_1026_opu4_eec_022	0.085	76.7 %
2023_1026_opu4_eec_023	2023_1026_BS_rlg006	0.042	91.4 %
2023_1026_opu4_eec_023	2023_1026_BS_rlg009	0.046	81.7 %
2023_1026_opu4_eec_023	2023_1026_BS_rlg008	0.049	66.6 %
2023_1026_opu4_eec_023	2023_1026_BS_rlg011	0.060	61.9 %
2023_1026_opu4_eec_023	2023_1026_BS_rlg042	0.125	43.6 %
2023_1026_opu4_eec_023	2023_1026_opu6_eec_040	0.087	60.6 %
2023_1026_opu4_eec_023	2023_1026_BS_rlg044	0.076	61.1 %
2023_1026_opu4_eec_023	2023_1026_BS_rlg003	0.082	48.7 %
2023_1026_opu4_eec_023	2023_1026_BS_rlg021	0.129	39.9 %
2023_1026_opu4_eec_023	2023_1026_BS_rlg018	0.150	38.1 %
2023_1026_opu4_eec_023	2023_1026_opu4_eec_026	0.074	57.3 %
2023_1026_opu4_eec_023	2023_1026_opu4_eec_022	0.045	64.1 %
2023_1026_opu4_eec_023	2023_1026_opu6_eec_026	0.084	63.2 %
2023_1026_opu4_eec_023	2023_1026_opu4_eec_025	0.049	71.6 %
2023_1026_opu4_eec_023	2023_1026_opu4_eec_024	0.054	71.7 %
2023_1026_opu4_eec_023	2023_1026_opu6_eec_027	0.092	49.9 %
2023_1026_opu6_eec_027	2023_1026_BS_rlg011	0.066	80.4 %
2023_1026_opu6_eec_027	2023_1026_BS_rlg009	0.072	71.8 %
2023_1026_opu6_eec_027	2023_1026_BS_rlg008	0.074	51.3 %
2023_1026_opu6_eec_027	2023_1026_BS_rlg051	0.140	37.7 %
2023_1026_opu6_eec_027	2023_1026_opu4_eec_033	0.058	44.7 %
2023_1026_opu6_eec_027	2023_1026_opu4_eec_031	0.086	40.9 %
2023_1026_opu6_eec_027	2023_1026_BS_rlg015	0.093	45.6 %
2023_1026_opu6_eec_027	2023_1026_BS_rlg012	0.093	41.3 %
2023_1026_opu6_eec_027	2023_1026_BS_rlg014	0.098	38.0 %
2023_1026_opu6_eec_027	2023_1026_BS_rlg050	0.069	54.4 %
2023_1026_opu6_eec_027	2023_1026_opu4_eec_026	0.071	77.3 %
2023_1026_opu6_eec_027	2023_1026_opu4_eec_029	0.088	49.1 %
2023_1026_opu6_eec_027	2023_1026_opu4_eec_027	0.072	67.7 %
2023_1026_opu6_eec_027	2023_1026_opu6_eec_028	0.028	82.7 %
2023_1026_opu6_eec_027	2023_1026_opu4_eec_025	0.074	68.1 %
2023_1026_opu4_eec_024	2023_1026_BS_rlg006	0.060	79.0 %
2023_1026_opu4_eec_024	2023_1026_BS_rlg008	0.057	56.6 %
2023_1026_opu4_eec_024	2023_1026_BS_rlg009	0.060	71.4 %
2023_1026_opu4_eec_024	2023_1026_BS_rlg011	0.077	47.1 %

2023_1026_opu4_eec_024	2023_1026_BS_rlg042	0.124	47.6 %
2023_1026_opu4_eec_024	2023_1026_opu6_eec_040	0.093	66.3 %
2023_1026_opu4_eec_024	2023_1026_BS_rlg043	0.123	38.6 %
2023_1026_opu4_eec_024	2023_1026_opu6_eec_039	0.108	66.3 %
2023_1026_opu4_eec_024	2023_1026_opu6_eec_038	0.107	64.1 %
2023_1026_opu4_eec_024	2023_1026_BS_rlg044	0.053	66.0 %
2023_1026_opu4_eec_024	2023_1026_BS_rlg018	0.110	47.7 %
2023_1026_opu4_eec_024	2023_1026_BS_rlg003	0.068	62.4 %
2023_1026_opu4_eec_024	2023_1026_BS_rlg021	0.102	49.6 %
2023_1026_opu4_eec_024	2023_1026_BS_rlg004	0.090	42.6 %
2023_1026_opu4_eec_024	2023_1026_opu4_eec_022	0.055	75.9 %
2023_1026_opu4_eec_024	2023_1026_opu6_eec_026	0.069	74.3 %
2023_1026_opu4_eec_024	2023_1026_opu4_eec_025	0.053	54.4 %
2023_1026_opu4_eec_025	2023_1026_BS_rlg011	0.043	77.1 %
2023_1026_opu4_eec_025	2023_1026_BS_rlg003	0.071	36.6 %
2023_1026_opu4_eec_025	2023_1026_opu4_eec_026	0.044	75.0 %
2023_1026_opu4_eec_025	2023_1026_opu4_eec_027	0.044	60.5 %
2023_1026_opu4_eec_025	2023_1026_opu4_eec_022	0.085	49.6 %
2023_1026_opu4_eec_025	2023_1026_opu6_eec_028	0.079	59.1 %
2023_1026_opu6_eec_028	2023_1026_BS_rlg051	0.125	41.8 %
2023_1026_opu6_eec_028	2023_1026_opu4_eec_031	0.085	49.4 %
2023_1026_opu6_eec_028	2023_1026_opu4_eec_032	0.080	47.9 %
2023_1026_opu6_eec_028	2023_1026_BS_rlg015	0.094	52.3 %
2023_1026_opu6_eec_028	2023_1026_BS_rlg014	0.098	48.0 %
2023_1026_opu6_eec_028	2023_1026_BS_rlg050	0.067	52.0 %
2023_1026_opu6_eec_028	2023_1026_opu4_eec_026	0.067	75.0 %
2023_1026_opu6_eec_028	2023_1026_opu4_eec_027	0.069	71.8 %
2023_1026_BS_rlg044	2023_1026_opu6_eec_039	0.083	54.9 %
2023_1026_BS_rlg044	2023_1026_opu6_eec_038	0.082	51.3 %
2023_1026_BS_rlg044	2023_1026_opu4_eec_022	0.081	58.9 %
2023_1026_BS_rlg044	2023_1026_opu4_eec_025	0.064	44.0 %
2023_1026_BS_rlg044	2023_1026_BS_rlg003	0.071	52.9 %
2023_1026_BS_rlg044	2023_1026_BS_rlg047	0.044	17.7 %
2023_1026_BS_rlg044	2023_1026_BS_rlg048	0.045	23.4 %
2023_1026_BS_rlg045	2023_1026_BS_rlg044	0.042	53.0 %
2023_1026_BS_rlg045	2023_1026_BS_rlg048	0.034	65.3 %
2023_1026_BS_rlg045	2023_1026_BS_rlg047	0.033	57.1 %
2023_1026_BS_rlg045	2023_1026_BS_rlg046	0.034	45.0 %
2023_1026_BS_rlg046	2023_1026_BS_rlg038	0.032	81.7 %
2023_1026_BS_rlg046	2023_1026_BS_rlg037	0.039	72.3 %
2023_1026_BS_rlg046	2023_1026_BS_rlg047	0.031	78.3 %
2023_1026_BS_rlg046	2023_1026_BS_rlg048	0.037	61.9 %
2023_1026_BS_rlg046	2023_1026_BS_rlg050	0.059	34.9 %

2023_1026_BS_rlg047	2023_1026_BS_rlg050	0.039	39.8 %
2023_1026_BS_rlg048	2023_1026_BS_rlg038	0.033	64.2 %
2023_1026_BS_rlg048	2023_1026_BS_rlg047	0.028	74.6 %
2023_1026_BS_rlg048	2023_1026_BS_rlg050	0.033	34.0 %
2023_1026_BS_rlg049	2023_1026_BS_rlg038	0.039	53.0 %
2023_1026_BS_rlg049	2023_1026_BS_rlg044	0.036	19.2 %
2023_1026_BS_rlg049	2023_1026_BS_rlg045	0.037	69.3 %
2023_1026_BS_rlg049	2023_1026_BS_rlg046	0.044	54.7 %
2023_1026_BS_rlg049	2023_1026_BS_rlg047	0.036	65.8 %
2023_1026_BS_rlg049	2023_1026_BS_rlg048	0.033	80.9 %
2023_1026_BS_rlg049	2023_1026_BS_rlg050	0.035	39.6 %
2023_1026_opu4_eec_036	2023_1026_BS_rlg011	0.047	66.3 %
2023_1026_opu4_eec_036	2023_1026_BS_rlg009	0.056	52.6 %
2023_1026_opu4_eec_036	2023_1026_opu4_eec_027	0.041	64.0 %
2023_1026_opu4_eec_036	2023_1026_opu4_eec_026	0.045	63.1 %
2023_1026_opu4_eec_036	2023_1026_opu6_eec_028	0.067	70.7 %
2023_1026_opu4_eec_036	2023_1026_opu4_eec_029	0.078	48.1 %
2023_1026_opu4_eec_036	2023_1026_opu4_eec_025	0.056	49.0 %
2023_1026_opu4_eec_036	2023_1026_opu6_eec_027	0.068	68.7 %
2023_1026_opu4_eec_036	2023_1026_opu4_eec_033	0.066	43.6 %
2023_1026_opu4_eec_036	2023_1026_BS_rlg012	0.073	46.0 %
2023_1026_opu4_eec_036	2023_1026_opu4_eec_037	0.035	41.5 %
2023_1026_opu6_eec_036	2023_1026_opu6_eec_022	0.079	49.9 %
2023_1026_opu6_eec_036	2023_1026_opu6_eec_007	0.074	43.0 %
2023_1026_opu6_eec_036	2023_1026_opu4_eec_037	0.090	39.7 %
2023_1026_opu6_eec_037	2023_1026_opu4_eec_037	0.069	51.9 %
2023_1026_opu6_eec_037	2023_1026_opu6_eec_036	0.047	79.3 %
2023_1026_BS_rlg003	2023_1026_opu6_eec_038	0.070	68.3 %
2023_1026_BS_rlg017	2023_1026_BS_rlg003	0.077	31.1 %
2023_1026_BS_rlg017	2023_1026_BS_rlg016	0.021	73.7 %
2023_1026_BS_rlg018	2023_1026_opu6_eec_038	0.085	40.9 %
2023_1026_BS_rlg018	2023_1026_opu6_eec_039	0.096	36.6 %
2023_1026_BS_rlg018	2023_1026_opu4_eec_022	0.123	40.9 %
2023_1026_BS_rlg018	2023_1026_BS_rlg003	0.053	69.6 %
2023_1026_BS_rlg018	2023_1026_BS_rlg016	0.022	56.8 %
2023_1026_BS_rlg018	2023_1026_BS_rlg017	0.023	66.5 %
2023_1026_BS_rlg018	2023_1026_BS_rlg021	0.050	51.2 %
2023_1026_BS_rlg018	2023_1026_BS_rlg020	0.031	21.0 %
2023_1026_BS_rlg019	2023_1026_BS_rlg018	0.085	11.9 %
2023_1026_BS_rlg019	2023_1026_BS_rlg020	0.022	68.0 %
2023_1026_BS_rlg019	2023_1026_BS_rlg021	0.033	69.2 %
2023_1026_BS_rlg020	2023_1026_BS_rlg003	0.044	30.3 %

2023_1026_BS_rlg021	2023_1026_opu6_eec_038	0.077	47.1 %
2023_1026_BS_rlg021	2023_1026_opu6_eec_039	0.097	42.9 %
2023_1026_BS_rlg021	2023_1026_opu4_eec_022	0.127	42.8 %
2023_1026_BS_rlg021	2023_1026_BS_rlg003	0.044	63.1 %
2023_1026_BS_rlg021	2023_1026_BS_rlg020	0.033	80.7 %
2023_1026_BS_rlg004	2023_1026_opu4_eec_022	0.098	35.0 %
2023_1026_BS_rlg004	2023_1026_BS_rlg003	0.058	52.6 %
2023_1026_BS_rlg004	2023_1026_BS_rlg016	0.021	60.4 %
2023_1026_BS_rlg004	2023_1026_BS_rlg017	0.021	61.7 %
2023_1026_BS_rlg004	2023_1026_BS_rlg018	0.028	80.5 %
2023_1026_BS_rlg004	2023_1026_BS_rlg021	0.045	41.8 %
2023_1026_opu4_eec_035	2023_1026_opu4_eec_034	0.030	62.6 %
2023_1026_opu4_eec_035	2023_1026_opu6_eec_034	0.053	82.4 %
2023_1026_opu4_eec_035	2023_1026_opu6_eec_033	0.049	77.8 %
2023_1026_opu4_eec_035	2023_1026_opu4_eec_033	0.063	37.7 %
2023_1026_opu4_eec_034	2023_1026_BS_rlg015	0.084	53.0 %
2023_1026_opu4_eec_034	2023_1026_opu6_eec_034	0.050	68.1 %
2023_1026_opu4_eec_034	2023_1026_opu6_eec_033	0.049	64.6 %
2023_1026_opu4_eec_034	2023_1026_opu4_eec_032	0.055	61.9 %
2023_1026_opu4_eec_034	2023_1026_opu4_eec_031	0.069	60.2 %
2023_1026_opu4_eec_034	2023_1026_opu6_eec_031	0.051	49.8 %
2023_1026_opu6_eec_034	2023_1026_opu6_eec_033	0.028	81.3 %
2023_1026_opu6_eec_029	2023_1026_opu6_eec_031	0.027	39.4 %
2023_1026_opu6_eec_030	2023_1026_opu6_eec_029	0.028	76.9 %
2023_1026_opu6_eec_030	2023_1026_opu6_eec_031	0.027	58.7 %
2023_1026_opu4_eec_031	2023_1026_opu4_eec_027	0.050	50.2 %
2023_1026_opu4_eec_031	2023_1026_opu4_eec_026	0.064	44.2 %
2023_1026_opu4_eec_031	2023_1026_BS_rlg015	0.045	78.8 %
2023_1026_opu4_eec_031	2023_1026_opu6_eec_031	0.060	52.6 %
2023_1026_opu4_eec_031	2023_1026_opu4_eec_032	0.034	85.0 %
2023_1026_opu4_eec_032	2023_1026_opu6_eec_031	0.058	55.3 %
2023_1026_opu4_eec_033	2023_1026_BS_rlg011	0.090	49.2 %
2023_1026_opu4_eec_033	2023_1026_opu4_eec_027	0.067	50.9 %
2023_1026_opu4_eec_033	2023_1026_opu4_eec_026	0.065	47.4 %
2023_1026_opu4_eec_033	2023_1026_opu6_eec_028	0.060	53.6 %
2023_1026_opu4_eec_033	2023_1026_BS_rlg015	0.081	75.5 %
2023_1026_opu4_eec_033	2023_1026_BS_rlg014	0.070	79.5 %
2023_1026_opu4_eec_033	2023_1026_opu4_eec_034	0.046	58.9 %
2023_1026_opu4_eec_033	2023_1026_opu6_eec_031	0.064	48.4 %
2023_1026_opu4_eec_033	2023_1026_opu4_eec_031	0.062	66.7 %
2023_1026_opu4_eec_033	2023_1026_opu4_eec_032	0.047	74.4 %
2023_1026_opu6_eec_032	2023_1026_BS_rlg011	0.082	45.1 %
2023_1026_opu6_eec_032	2023_1026_opu6_eec_028	0.071	47.7 %

2023_1026_opu6_eec_032	2023_1026_opu4_eec_030	0.110	66.1 %
2023_1026_opu6_eec_032	2023_1026_opu4_eec_029	0.104	39.1 %
2023_1026_opu6_eec_032	2023_1026_opu4_eec_027	0.091	45.8 %
2023_1026_opu6_eec_032	2023_1026_BS_rlg012	0.060	86.2 %
2023_1026_opu6_eec_032	2023_1026_BS_rlg015	0.065	76.5 %
2023_1026_opu6_eec_032	2023_1026_BS_rlg014	0.065	87.6 %
2023_1026_opu6_eec_032	2023_1026_opu4_eec_034	0.062	58.9 %
2023_1026_opu6_eec_032	2023_1026_opu6_eec_031	0.033	55.1 %
2023_1026_opu6_eec_032	2023_1026_opu4_eec_031	0.065	72.5 %
2023_1026_opu6_eec_032	2023_1026_opu4_eec_032	0.063	80.0 %
2023_1026_opu6_eec_032	2023_1026_opu4_eec_033	0.067	79.4 %
2023_1026_opu6_eec_032	2023_1026_opu6_eec_035	0.029	77.1 %
2023_1026_opu6_eec_035	2023_1026_BS_rlg011	0.078	53.3 %
2023_1026_opu6_eec_035	2023_1026_BS_rlg009	0.079	40.0 %
2023_1026_opu6_eec_035	2023_1026_BS_rlg051	0.110	36.9 %
2023_1026_opu6_eec_035	2023_1026_opu6_eec_028	0.054	54.3 %
2023_1026_opu6_eec_035	2023_1026_opu6_eec_027	0.055	47.2 %
2023_1026_opu6_eec_035	2023_1026_opu4_eec_030	0.098	66.4 %
2023_1026_opu6_eec_035	2023_1026_opu4_eec_029	0.083	43.9 %
2023_1026_opu6_eec_035	2023_1026_opu4_eec_026	0.070	51.5 %
2023_1026_opu6_eec_035	2023_1026_opu4_eec_027	0.076	55.2 %
2023_1026_opu6_eec_035	2023_1026_opu4_eec_036	0.075	54.1 %
2023_1026_opu6_eec_035	2023_1026_BS_rlg015	0.072	74.9 %
2023_1026_opu6_eec_035	2023_1026_BS_rlg012	0.059	85.8 %
2023_1026_opu6_eec_035	2023_1026_BS_rlg014	0.068	81.8 %
2023_1026_opu6_eec_035	2023_1026_opu4_eec_034	0.060	57.1 %
2023_1026_opu6_eec_035	2023_1026_opu6_eec_031	0.034	49.8 %
2023_1026_opu6_eec_035	2023_1026_opu4_eec_031	0.069	63.9 %
2023_1026_opu6_eec_035	2023_1026_opu4_eec_032	0.064	73.0 %
2023_1026_opu6_eec_035	2023_1026_opu4_eec_033	0.061	80.5 %
2023_1026_BS_rlg012	2023_1026_BS_rlg011	0.066	48.5 %
2023_1026_BS_rlg012	2023_1026_BS_rlg051	0.092	30.4 %
2023_1026_BS_rlg012	2023_1026_opu4_eec_027	0.075	49.6 %
2023_1026_BS_rlg012	2023_1026_opu4_eec_026	0.077	45.8 %
2023_1026_BS_rlg012	2023_1026_opu6_eec_028	0.086	50.0 %
2023_1026_BS_rlg012	2023_1026_opu4_eec_033	0.050	78.9 %
2023_1026_BS_rlg012	2023_1026_opu4_eec_032	0.048	77.3 %
2023_1026_BS_rlg012	2023_1026_opu4_eec_034	0.054	58.7 %
2023_1026_BS_rlg012	2023_1026_opu4_eec_031	0.059	69.3 %
2023_1026_BS_rlg012	2023_1026_opu6_eec_031	0.056	52.2 %
2023_1026_BS_rlg012	2023_1026_BS_rlg014	0.038	88.6 %
2023_1026_BS_rlg012	2023_1026_BS_rlg015	0.042	78.9 %
2023_1026_BS_rlg013	2023_1026_BS_rlg011	0.068	44.4 %

2023_1026_BS_rlg013	2023_1026_opu4_eec_030	0.115	69.0 %
2023_1026_BS_rlg013	2023_1026_opu4_eec_029	0.067	40.1 %
2023_1026_BS_rlg013	2023_1026_opu6_eec_028	0.088	47.6 %
2023_1026_BS_rlg013	2023_1026_opu4_eec_027	0.069	46.4 %
2023_1026_BS_rlg013	2023_1026_opu6_eec_027	0.090	38.5 %
2023_1026_BS_rlg013	2023_1026_opu4_eec_036	0.081	43.1 %
2023_1026_BS_rlg013	2023_1026_opu4_eec_032	0.042	85.2 %
2023_1026_BS_rlg013	2023_1026_opu4_eec_034	0.055	61.4 %
2023_1026_BS_rlg013	2023_1026_opu4_eec_031	0.051	76.8 %
2023_1026_BS_rlg013	2023_1026_opu6_eec_031	0.054	56.3 %
2023_1026_BS_rlg013	2023_1026_opu4_eec_033	0.054	81.0 %
2023_1026_BS_rlg013	2023_1026_opu6_eec_032	0.061	87.0 %
2023_1026_BS_rlg013	2023_1026_opu6_eec_035	0.060	84.3 %
2023_1026_BS_rlg013	2023_1026_BS_rlg012	0.031	89.7 %
2023_1026_BS_rlg013	2023_1026_BS_rlg014	0.034	89.3 %
2023_1026_BS_rlg013	2023_1026_BS_rlg015	0.036	74.9 %
2023_1026_BS_rlg014	2023_1026_opu4_eec_027	0.065	47.2 %
2023_1026_BS_rlg014	2023_1026_opu4_eec_026	0.073	40.9 %
2023_1026_BS_rlg014	2023_1026_opu4_eec_031	0.043	87.0 %
2023_1026_BS_rlg014	2023_1026_opu4_eec_032	0.046	87.0 %
2023_1026_BS_rlg014	2023_1026_opu6_eec_031	0.053	54.5 %
2023_1026_BS_rlg014	2023_1026_opu4_eec_034	0.075	61.4 %
2023_1026_BS_rlg014	2023_1026_BS_rlg015	0.033	77.3 %
2023_1026_BS_rlg015	2023_1026_BS_rlg051	0.059	40.9 %
2023_1026_BS_rlg015	2023_1026_opu4_eec_027	0.077	56.6 %
2023_1026_BS_rlg015	2023_1026_BS_rlg050	0.072	46.7 %
2023_1026_BS_rlg015	2023_1026_opu4_eec_032	0.051	76.3 %
2023_1026_BS_rlg015	2023_1026_opu6_eec_031	0.058	44.3 %

Inclinometer Mismatches

Cluster/Scan	Scan	Mismatch [deg]
2023_1026_BS_rlg010	2023_1026_BS_rlg010	0.0164
2023_1026_opu6_eec_008	2023_1026_opu6_eec_008	0.0101
2023_1026_opu4_eec_028	2023_1026_opu4_eec_028	0.0119
2023_1026_BS_rlg026	2023_1026_BS_rlg026	0.0201
2023_1026_opu6_eec_018	2023_1026_opu6_eec_018	0.0196
2023_1026_BS_rlg030	2023_1026_BS_rlg030	0.0254
2023_1026_BS_rlg027	2023_1026_BS_rlg027	0.0158
2023_1026_BS_rlg005	2023_1026_BS_rlg005	0.0159
2023_1026_opu6_eec_030	2023_1026_opu6_eec_030	0.0269
2023_1026_BS_rlg040	2023_1026_BS_rlg040	0.0457
2023_1026_opu4_eec_023	2023_1026_opu4_eec_023	0.0205
2023_1026_opu4_eec_024	2023_1026_opu4_eec_024	0.0139
2023_1026_BS_rlg049	2023_1026_BS_rlg049	0.0120
2023_1026_BS_rlg006	2023_1026_BS_rlg006	0.0051
2023_1026_BS_rlg043	2023_1026_BS_rlg043	0.0265
2023_1026_BS_rlg045	2023_1026_BS_rlg045	0.0110
2023_1026_opu6_eec_010	2023_1026_opu6_eec_010	0.0131
2023_1026_opu6_eec_025	2023_1026_opu6_eec_025	0.0188
2023_1026_opu6_eec_011	2023_1026_opu6_eec_011	0.0208
2023_1026_BS_rlg052	2023_1026_BS_rlg052	0.0309
2023_1026_opu4_eec_013	2023_1026_opu4_eec_013	0.0181
2023_1026_opu6_eec_021	2023_1026_opu6_eec_021	0.0217
2023_1026_opu4_eec_014	2023_1026_opu4_eec_014	0.0180
2023_1026_opu6_eec_013	2023_1026_opu6_eec_013	0.0339
2023_1026_opu4_eec_002	2023_1026_opu4_eec_002	0.0258
2023_1026_BS_rlg013	2023_1026_BS_rlg013	0.0273
2023_1026_opu6_eec_032	2023_1026_opu6_eec_032	0.0334
2023_1026_opu4_eec_017	2023_1026_opu4_eec_017	0.0212
2023_1026_BS_rlg042	2023_1026_BS_rlg042	0.0223
2023_1026_opu6_eec_026	2023_1026_opu6_eec_026	0.0096
2023_1026_BS_rlg019	2023_1026_BS_rlg019	0.0190
2023_1026_opu6_eec_035	2023_1026_opu6_eec_035	0.0340
2023_1026_opu4_eec_005	2023_1026_opu4_eec_005	0.0221
2023_1026_BS_rlg033	2023_1026_BS_rlg033	0.0338
2023_1026_BS_rlg004	2023_1026_BS_rlg004	0.0430
2023_1026_opu6_eec_037	2023_1026_opu6_eec_037	0.0516
2023_1026_opu6_eec_040	2023_1026_opu6_eec_040	0.0317
2023_1026_BS_rlg018	2023_1026_BS_rlg018	0.0199
2023_1026_BS_rlg039	2023_1026_BS_rlg039	0.0319
2023_1026_BS_rlg034	2023_1026_BS_rlg034	0.0205

2023_1026_opu4_eec_036	2023_1026_opu4_eec_036	0.0167
2023_1026_BS_rlg041	2023_1026_BS_rlg041	0.0394
2023_1026_opu4_eec_018	2023_1026_opu4_eec_018	0.0233
2023_1026_BS_rlg036	2023_1026_BS_rlg036	0.0082
2023_1026_opu4_eec_035	2023_1026_opu4_eec_035	0.0097
2023_1026_opu6_eec_027	2023_1026_opu6_eec_027	0.0240
2023_1026_BS_rlg032	2023_1026_BS_rlg032	0.0264
2023_1026_opu6_eec_036	2023_1026_opu6_eec_036	0.0416
2023_1026_opu6_eec_003	2023_1026_opu6_eec_003	0.0172
2023_1026_BS_rlg001	2023_1026_BS_rlg001	0.0160
2023_1026_BS_rlg009	2023_1026_BS_rlg009	0.0149
2023_1026_BS_rlg023	2023_1026_BS_rlg023	0.0345
2023_1026_opu6_eec_014	2023_1026_opu6_eec_014	0.0179
2023_1026_BS_rlg021	2023_1026_BS_rlg021	0.0229
2023_1026_BS_rlg008	2023_1026_BS_rlg008	0.0135
2023_1026_opu4_eec_030	2023_1026_opu4_eec_030	0.0009
2023_1026_opu4_eec_006	2023_1026_opu4_eec_006	0.0123
2023_1026_opu4_eec_021	2023_1026_opu4_eec_021	0.0325
2023_1026_opu6_eec_029	2023_1026_opu6_eec_029	0.0283
2023_1026_opu4_eec_037	2023_1026_opu4_eec_037	0.0529
2023_1026_opu4_eec_001	2023_1026_opu4_eec_001	0.0125
2023_1026_opu4_eec_029	2023_1026_opu4_eec_029	0.0047
2023_1026_opu6_eec_007	2023_1026_opu6_eec_007	0.0171
2023_1026_opu4_eec_010	2023_1026_opu4_eec_010	0.0177
2023_1026_BS_rlg044	2023_1026_BS_rlg044	0.0082
2023_1026_opu6_eec_017	2023_1026_opu6_eec_017	0.0302
2023_1026_opu6_eec_019	2023_1026_opu6_eec_019	0.0128
2023_1026_BS_rlg035	2023_1026_BS_rlg035	0.0052
2023_1026_BS_rlg056	2023_1026_BS_rlg056	0.0281
2023_1026_BS_rlg053	2023_1026_BS_rlg053	0.0104
2023_1026_BS_rlg046	2023_1026_BS_rlg046	0.0124
2023_1026_opu4_eec_019	2023_1026_opu4_eec_019	0.0222
2023_1026_opu6_eec_024	2023_1026_opu6_eec_024	0.0260
2023_1026_BS_rlg012	2023_1026_BS_rlg012	0.0421
2023_1026_BS_rlg031	2023_1026_BS_rlg031	0.0183
2023_1026_opu4_eec_033	2023_1026_opu4_eec_033	0.0217
2023_1026_opu6_eec_039	2023_1026_opu6_eec_039	0.0408
2023_1026_opu4_eec_025	2023_1026_opu4_eec_025	0.0222
2023_1026_BS_rlg059	2023_1026_BS_rlg059	0.0194
2023_1026_opu6_eec_016	2023_1026_opu6_eec_016	0.0190
2023_1026_BS_rlg060	2023_1026_BS_rlg060	0.0264
2023_1026_BS_rlg011	2023_1026_BS_rlg011	0.0031

2023_1026_BS_rlg020	2023_1026_BS_rlg020	0.0140
2023_1026_opu6_eec_006	2023_1026_opu6_eec_006	0.0213
2023_1026_BS_rlg025	2023_1026_BS_rlg025	0.0216
2023_1026_opu6_eec_028	2023_1026_opu6_eec_028	0.0228
2023_1026_opu6_eec_015	2023_1026_opu6_eec_015	0.0252
2023_1026_BS_rlg014	2023_1026_BS_rlg014	0.0373
2023_1026_BS_rlg055	2023_1026_BS_rlg055	0.0098
2023_1026_opu4_eec_034	2023_1026_opu4_eec_034	0.0168
2023_1026_opu6_eec_002	2023_1026_opu6_eec_002	0.0255
2023_1026_opu4_eec_007	2023_1026_opu4_eec_007	0.0105
2023_1026_BS_rlg037	2023_1026_BS_rlg037	0.0121
2023_1026_opu6_eec_009	2023_1026_opu6_eec_009	0.0132
2023_1026_opu6_eec_023	2023_1026_opu6_eec_023	0.0152
2023_1026_opu6_eec_034	2023_1026_opu6_eec_034	0.0044
2023_1026_opu4_eec_031	2023_1026_opu4_eec_031	0.0285
2023_1026_BS_rlg048	2023_1026_BS_rlg048	0.0090
2023_1026_opu4_eec_022	2023_1026_opu4_eec_022	0.0165
2023_1026_BS_rlg038	2023_1026_BS_rlg038	0.0057
2023_1026_BS_rlg002	2023_1026_BS_rlg002	0.0267
2023_1026_opu4_eec_026	2023_1026_opu4_eec_026	0.0173
2023_1026_BS_rlg017	2023_1026_BS_rlg017	0.0328
2023_1026_BS_rlg029	2023_1026_BS_rlg029	0.0179
2023_1026_BS_rlg003	2023_1026_BS_rlg003	0.0163
2023_1026_BS_rlg047	2023_1026_BS_rlg047	0.0104
2023_1026_BS_rlg022	2023_1026_BS_rlg022	0.0199
2023_1026_opu4_eec_008	2023_1026_opu4_eec_008	0.0114
2023_1026_opu4_eec_004	2023_1026_opu4_eec_004	0.0300
2023_1026_opu6_eec_020	2023_1026_opu6_eec_020	0.0186
2023_1026_opu6_eec_005	2023_1026_opu6_eec_005	0.0198
2023_1026_opu6_eec_038	2023_1026_opu6_eec_038	0.0376
2023_1026_BS_rlg015	2023_1026_BS_rlg015	0.0370
2023_1026_opu6_eec_033	2023_1026_opu6_eec_033	0.0070
2023_1026_opu4_eec_015	2023_1026_opu4_eec_015	0.0166
2023_1026_opu4_eec_009	2023_1026_opu4_eec_009	0.0110
2023_1026_BS_rlg051	2023_1026_BS_rlg051	0.0458
2023_1026_opu6_eec_004	2023_1026_opu6_eec_004	0.0247
2023_1026_BS_rlg016	2023_1026_BS_rlg016	0.0327
2023_1026_opu4_eec_012	2023_1026_opu4_eec_012	0.0142
2023_1026_opu4_eec_016	2023_1026_opu4_eec_016	0.0234
2023_1026_opu6_eec_012	2023_1026_opu6_eec_012	0.0255
2023_1026_opu4_eec_020	2023_1026_opu4_eec_020	0.0204
2023_1026_opu4_eec_027	2023_1026_opu4_eec_027	0.0174
2023_1026_BS_rlg028	2023_1026_BS_rlg028	0.0243

2023_1026_BS_rlg050	2023_1026_BS_rlg050	0.0181
2023_1026_opu6_eec_001	2023_1026_opu6_eec_001	0.0112
2023_1026_opu6_eec_022	2023_1026_opu6_eec_022	0.0250
2023_1026_opu4_eec_003	2023_1026_opu4_eec_003	0.0251
2023_1026_opu4_eec_011	2023_1026_opu4_eec_011	0.0166
2023_1026_BS_rlg024	2023_1026_BS_rlg024	0.0046
2023_1026_opu4_eec_032	2023_1026_opu4_eec_032	0.0224
2023_1026_opu6_eec_031	2023_1026_opu6_eec_031	0.0353

