

Check Point Survey Report

ID SouthernID 2018 D19 QL1 & QL2 LiDAR Project

USGS Contract: G16PC00020

Task Order Number: 140G0219F0356

Prepared for:

United States Geological Survey (USGS)



Prepared By:

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	Including: a) Point Documentation Report & Photos of Survey Points	
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1. INTRODUCTION

1.1 *Project Summary*

Dewberry Engineers Inc. is under contract to the United States Geological Survey to provide 1199 Check Points in the State of Idaho. Under the above referenced USGS Task Order, Dewberry is tasked to complete the quality assurance of LiDAR products. As part of this work Dewberry staff will complete Check Point surveys that will be used to evaluate vertical and horizontal accuracy. The ground survey was conducted October 2019 thru October 2020.

Existing NGS Control Points were located and surveyed to check the accuracy of the RTK/GPS survey equipment with the results shown in Section 2.4 of this Report.

As an internal QA/QC procedure and to verify that the Ground Control Points meet the 95% confidence level approximately 50% of the points were re-observed and are shown in Section 5 of this report.

Final horizontal coordinates are referenced to Albers Equal Area, NAD83 (2011) in meters. Final Vertical elevations are referenced to NAVD88 in meters using Geoid model 2012B (Geoid12B).

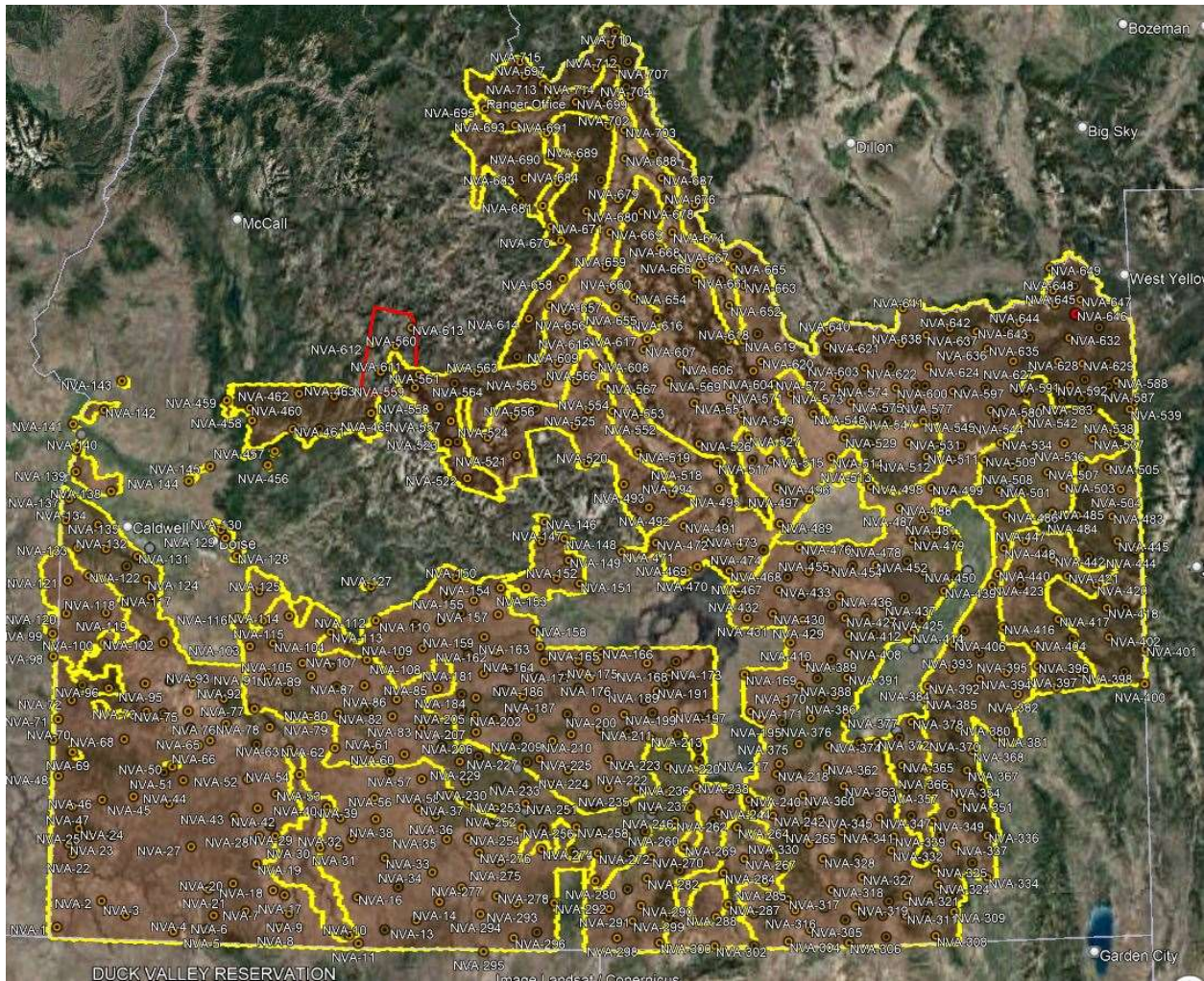
1.2 *Points of Contact*

Questions regarding the technical aspects of this report should be addressed to:

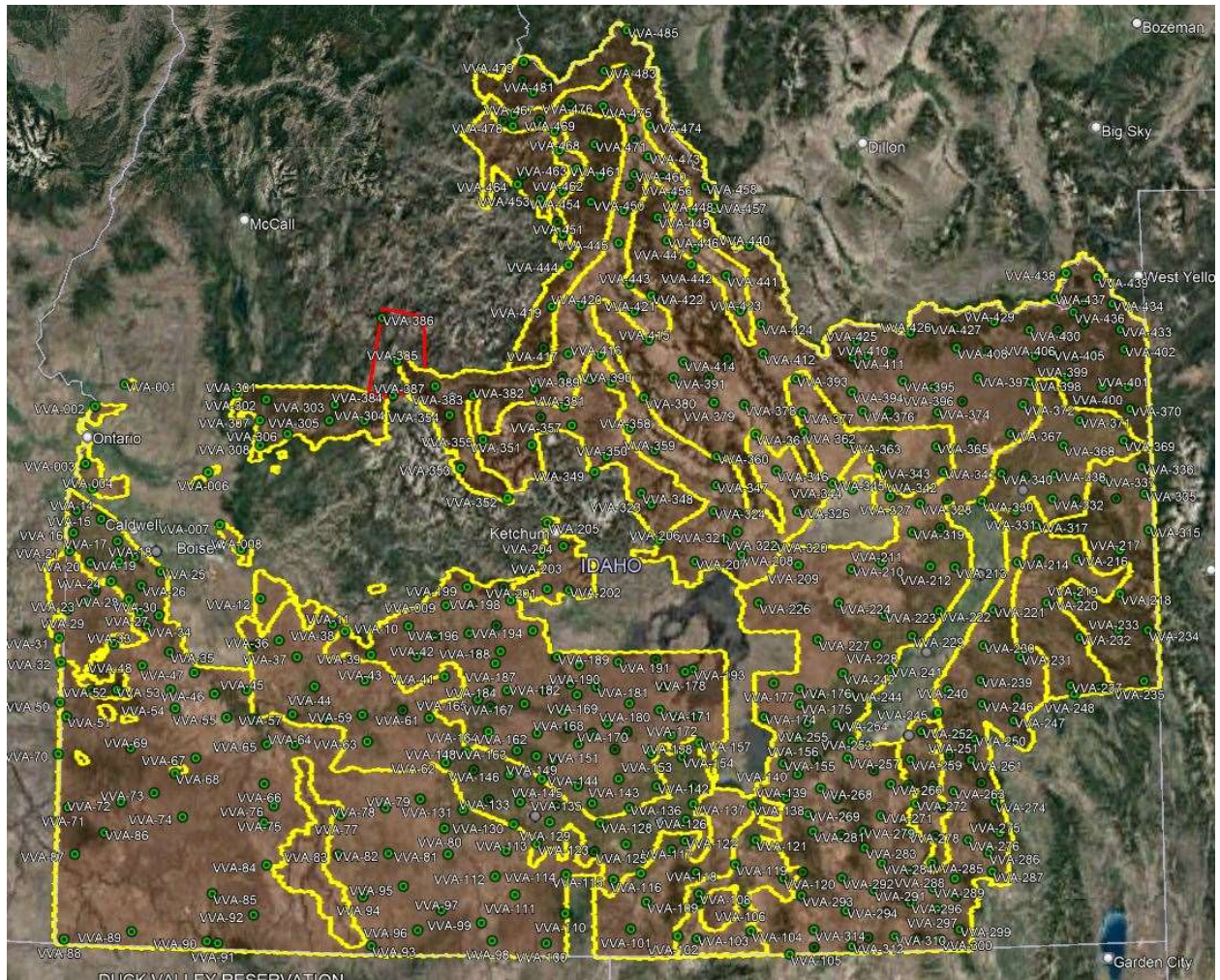
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1.3 Project Area



NVA Points



VVA Points

PROJECT DETAILS

2.1 *Survey Equipment*

In performing the GPS observations Trimble R-10 GNSS receiver/antenna attached to a two-meter fixed height pole with a Trimble TSC3 Data Collector to collect GPS raw data were used to perform the field surveys.

2.2 *Survey Point Detail*

The 1199 Check Points were well distributed throughout the project area.

A sketch was made for each location and a nail was set at the point where possible or at an identifiable point. The Check Point locations are detailed on the “Control Point Documentation Report” sheets attached to this report.

2.3 *Network Design*

The GPS survey performed by Dewberry Engineers Inc. office located in Lanham, MD was tied to a Real Time Network operated by UTAH, TURN. The network is a series of “real-time” continuously operating, high precision GPS reference stations. All of the reference stations have been linked together using Trimble GPSNet software, creating a Virtual Reference Station System (VRS).

The Trimble NetR5 Reference Station is a multi-channel, multi-frequency GNSS (Global Navigation Satellite System) receiver designed for use as a stand-alone reference station or as part of a GNSS infrastructure solution. Trimble R-Track technology in the NetR5 receiver supports the modernized GPS L2C and L5 signals as well as GLONASS L1/L2 signals.

2.4 Field Survey Procedures and Analysis

Dewberry field surveyors used Trimble R-10 GNSS receivers, which is a geodetic quality dual frequency GPS receiver, to collect data at each surveyed location.

All locations were occupied once with approximately 50% of the locations being re-observed. All re-observations matched the initially derived station positions within the allowable tolerance of $\pm 5\text{cm}$ or within the 95% confidence level. Each occupation which utilized the VRS network was occupied for approximately three (3) minutes in duration and measured to 180 epochs.

Each occupation which utilized OPUS (if used) was occupied between 20 and 30 minutes. Field GPS observations are detailed on the “Control Point Documentation Reports” submitted as part of this report.

Thirty-seven (37) existing NGS monument listed in the NSRS database were located for the Idaho area as an additional QA/QC method to check the horizontal and vertical accuracy of the VRS network. The results are as follows:

PT. #	Observed Values			Data Sheet Values			ΔX	ΔY	ΔZ
	NORTHING	EASTING	ELEVS.	NORTHING	EASTING	ELEVS.			
NGS-H412	4885060.759	507079.523	650.341	4885060.756	507079.531	650.310	0.003	0.008	0.031
NGS-IDA802	4868635.995	507014.407	697.406	4868635.858	507014.596	697.369	N/A	N/A	0.037
NGS-N417RESET	4853562.819	503629.531	721.985	4853562.833	503629.527	721.990	-0.014	0.004	-0.005
NGS-M223	4822217.334	539027.684	769.788	4822217.332	539027.669	769.826	0.002	0.015	-0.038
NGS-Y223	4811960.193	552229.971	842.936	4811960.204	552229.962	842.963	-0.011	0.009	-0.027
NGS-S418	4748173.948	594869.706	766.808	4748173.946	594869.707	766.779	0.002	0.001	0.029
NGS-SCOTCH	4768485.402	610822.515	944.400	4768485.117	610822.745	944.426	N/A	N/A	-0.026
NGS-M88	4733793.399	699940.059	1104.097	4733793.203	699940.314	1104.099	N/A	N/A	-0.002
NGS-PASADENA2	4759561.909	650169.834	815.962	4759561.714	650169.988	815.941	N/A	N/A	0.021
NGS-SIMPSON	4756624.385	662029.945	998.921	4756624.161	662030.066	998.946	N/A	N/A	-0.025
NGS-UNION	4714665.439	702714.493	1146.333	4714665.368	702714.803	1146.370	N/A	N/A	-0.037
NGS-U423	4713112.960	264055.739	1266.592	4713112.979	264055.760	1266.634	-0.019	0.021	-0.042
NGS-B118	4818375.687	316976.681	1643.746	4818375.688	316976.718	1643.722	-0.001	0.037	0.024
NGS-IDA1569	4703093.862	405080.267	1477.540	4703093.853	405080.308	1477.520	0.009	0.041	0.020
NGS-IDA1595	4779012.304	387656.913	1366.571	4779012.293	387656.907	1366.585	0.011	0.006	-0.014
NGS-IDA1598A	4787420.994	391507.324	1379.856	4787420.997	391507.348	1379.850	-0.003	0.024	0.006
NGS-Q96	4755571.742	382640.345	1403.906	4755571.460	382640.384	1403.945	N/A	N/A	-0.039
NGS-IDA15111	4820584.232	413996.624	1438.731	4820584.252	413996.641	1438.745	-0.020	0.017	-0.014
E19	4826613.782	488615.224	1869.948	4826613.794	488615.224	1869.940	-0.012	0.000	0.008
MOODY	4854491.772	450270.754	1584.586	4854491.825	450270.641	1584.615	N/A	N/A	-0.029

SWAN GPS	4810944.928	473186.628	1609.472	4810944.949	473186.642	1609.480	-0.021	-	-0.008
NGS-LOMNGPS	4881996.596	610935.589	1169.078	4881996.593	610935.625	1169.050	0.003	-	0.028
NGS- B 160 OPUS	4901215.395	654738.264	1994.065	N/A	N/A	1994.030	N/A	N/A	0.035
NGS-D40CK	4880365.714	673351.629	2056.319	4880365.510	673351.713	2056.341	N/A	N/A	-0.022
NGS-OBSNGPS	4880141.182	673481.978	2058.684	4880141.176	673481.998	2058.700	0.006	-	-0.016
NGS-SUNNY	4894249.850	665638.928	1943.910	4894249.756	665638.953	N/A	0.094	-	N/A
NGS-574028	4861114.859	299350.546	1750.564	4861114.874	299350.506	1750.616	-0.015	-	-0.052
NGS-U62A	4865059.498	290903.635	1794.564	4865059.486	290903.626	1794.530	0.012	-	0.034
A-436	4845024.534	336755.906	1505.447	N/A	N/A	1505.500	N/A	N/A	-0.053
H-57CK2	4864980.139	368970.408	1461.926	4864980.091	368970.405	1461.949	0.048	-	-0.023
IDA-15-131	4876973.029	401016.353	1483.945	4876973.040	401016.354	1483.965	-0.011	-	-0.020
IDA-15-138CK1	4899382.545	401801.891	1638.565	4899382.494	401802.117	1638.538	N/A	N/A	0.027
MOODY	4854491.779	450270.685	1584.590	4854491.825	450270.641	1584.615	-0.046	-	-0.025
NATURAL	4864972.735	368966.764	1462.031	4864972.694	368966.772	1462.014	0.041	-	0.017
WARM RIVER CK	4884222.299	473273.967	1607.702	4884222.511	473273.620	1607.743	N/A	N/A	-0.041
X-56	4865823.263	367967.980	1464.083	4865823.259	367967.972	1464.088	0.004	-	-0.005
Z 409	4883668.698	463889.555	1588.865	4883668.737	463889.576	1588.907	-0.039	-	-0.042

The above results indicate that the VRS network is providing positional values within the 5cm parameters for this survey.

2.5 Adjustment

The survey data was collected using Virtual Reference Stations (VRS) methodology within a Virtual Reference System (VRS).

The system is designed to provide a true Network RTK performance, the RTKNet software enables high-accuracy positioning in real time across a geographic region. The RTKNet software package uses real-time data streams from the UTAH, TURN network user and generates correction models for high-accuracy RTK GPS corrections throughout the network. Therefore, corrections were applied to the points as they were being collected, thus negating the need for a post process adjustment.

2.6 Data Processing Procedures

After field data is collected the information is downloaded from the data collectors into the office software. The Software program used is called Trimble Business Center.

Downloaded data is run through the TBC program to obtain the following reports; points report, point comparison report and a point detail report. The reports are reviewed for point accuracy and precision.

After review of the point data an “ASCII” or “txt” file which is the industry standard is created. Point files are loaded into our CADD program (Carlson Survey 2019) to make a visual check of the point data (Pt. #, Coordinates, Elev. and Description). The data can now be imported into the final product.

3. FINAL COORDINATES/ELEVATIONS

POINT ID	NORTHING (m)	EASTING (m)	ELEV. (m)
ALBERS EQUAL AREA, NAD83 (2011), NAVD 88, Meters, Geoid 12B			
NVA			
NVA-1	2305691.884	-1711084.310	1571.204
NVA-2	2313755.885	-1688930.772	1592.034
NVA-3	2305487.467	-1679549.284	1591.783
NVA-4	2293313.504	-1654552.768	1719.699
NVA-5	2292547.551	-1645286.178	1624.323
NVA-6	2298332.005	-1640730.586	1619.366
NVA-7	2297857.104	-1626366.619	1812.552
NVA-8	2301441.577	-1627896.014	1756.029
NVA-9	2306763.610	-1628547.561	1799.633
NVA-10	2278535.852	-1583001.012	1520.895
NVA-11	2273401.293	-1579586.942	1793.332
NVA-12	2278101.964	-1567071.458	1682.493
NVA-13	2279714.362	-1552440.063	1776.985
NVA-14	2285784.493	-1539947.348	1612.424
NVA-15	2295964.707	-1557472.252	1666.276
NVA-16	2294646.952	-1576103.594	1628.544
NVA-17	2314689.850	-1617417.367	1604.342
NVA-18	2310981.222	-1617491.504	1602.716
NVA-19	2317544.671	-1617552.631	1596.051
NVA-20	2310840.746	-1629357.512	1736.587
NVA-21	2310196.971	-1640710.474	1628.229
NVA-22	2336566.173	-1697699.515	1519.070
NVA-23	2341449.742	-1698571.767	1787.353
NVA-24	2347496.899	-1692722.401	2062.344
NVA-25	2343271.171	-1688407.478	1852.621
NVA-26	2347763.197	-1685105.559	1664.540
NVA-27	2318804.698	-1639966.326	1641.056
NVA-28	2329615.907	-1613884.693	1523.394
NVA-29	2328717.920	-1606890.104	1478.228
NVA-30	2319581.024	-1588092.950	1371.953
NVA-31	2318573.313	-1580037.322	1470.908
NVA-32	2321005.506	-1573499.586	1359.845
NVA-33	2309819.964	-1560782.061	1519.581
NVA-34	2299501.335	-1541361.873	1498.101
NVA-35	2312559.200	-1532658.819	1265.152

NVA-36	2324111.683	-1534966.876	1180.885
NVA-37	2328860.081	-1541747.860	1155.364
NVA-38	2324655.619	-1555472.472	1353.402
NVA-39	2330925.478	-1576785.135	1299.159
NVA-40	2337037.107	-1581544.893	1177.021
NVA-41	2330924.698	-1605353.148	1474.687
NVA-42	2342109.295	-1612116.888	1449.071
NVA-43	2339975.458	-1623572.129	1626.041
NVA-44	2351238.604	-1650639.110	1802.929
NVA-45	2357330.900	-1665810.814	1700.295
NVA-46	2358468.841	-1679907.413	1619.343
NVA-47	2357881.461	-1693685.882	1721.198
NVA-48	2372559.905	-1697274.467	1535.834
NVA-49	2365569.218	-1650277.649	1838.716
NVA-50	2367322.177	-1646188.055	1866.127
NVA-51	2360476.500	-1642416.259	1799.530
NVA-52	2355721.337	-1613974.639	1159.351
NVA-53	2346967.117	-1602999.441	1183.303
NVA-54	2353511.575	-1590846.852	1102.208
NVA-55	2347356.370	-1551226.576	1011.700
NVA-56	2336417.436	-1559882.536	1182.505
NVA-57	2341460.189	-1537967.628	1130.290
NVA-58	2332474.612	-1526889.047	1069.582
NVA-59	2354409.997	-1526510.960	901.058
NVA-60	2353839.094	-1543345.818	1045.161
NVA-61	2358489.052	-1557196.433	977.963
NVA-62	2362441.992	-1570375.263	878.431
NVA-63	2365564.226	-1593177.648	794.175
NVA-64	2370184.638	-1607084.600	812.578
NVA-65	2375760.136	-1627210.905	993.465
NVA-66	2377015.303	-1623330.685	935.421
NVA-67	2383074.180	-1634871.360	1095.290
NVA-68	2385642.301	-1663248.402	1583.953
NVA-69	2381945.048	-1688979.683	1963.296
NVA-70	2388719.749	-1696454.143	1481.553
NVA-71	2397775.531	-1692523.686	1378.481
NVA-72	2404881.423	-1684959.109	1608.299
NVA-73	2393205.868	-1653059.211	1486.179
NVA-74	2391605.475	-1645585.773	1145.904
NVA-75	2390452.642	-1634407.499	982.517

NVA-76	2381820.306	-1618793.926	826.216
NVA-77	2385984.578	-1604873.973	791.677
NVA-78	2376857.780	-1599950.854	775.777
NVA-79	2377937.897	-1581314.996	781.732
NVA-80	2377228.195	-1568860.138	771.426
NVA-81	2376155.721	-1555788.517	785.175
NVA-82	2371444.572	-1545384.602	821.037
NVA-83	2363965.265	-1533636.442	992.780
NVA-84	2366869.329	-1527372.363	993.920
NVA-85	2380097.731	-1523370.831	1013.027
NVA-86	2378506.037	-1542085.686	844.539
NVA-87	2387319.222	-1554957.442	1052.499
NVA-88	2389061.085	-1567161.725	970.771
NVA-89	2395902.573	-1577352.572	975.287
NVA-90	2391264.288	-1589087.871	927.516
NVA-91	2399383.912	-1596396.782	936.110
NVA-92	2393036.245	-1617666.252	723.376
NVA-93	2402195.475	-1630193.261	800.941
NVA-94	2405216.778	-1639894.039	855.127
NVA-95	2406813.986	-1644692.393	954.820
NVA-96	2407047.454	-1667443.791	1885.111
NVA-97	2410703.287	-1678963.729	1708.878
NVA-98	2418800.946	-1684111.327	1461.615
NVA-99	2435796.490	-1687782.470	1245.458
NVA-100	2427657.947	-1665913.423	1206.567
NVA-101	2425385.101	-1647939.127	871.474
NVA-102	2423452.213	-1639173.840	920.719
NVA-103	2413903.937	-1601766.176	936.725
NVA-104	2413363.869	-1591354.964	969.258
NVA-105	2402211.287	-1580131.959	978.022
NVA-106	2398747.390	-1567703.961	1050.062
NVA-107	2398504.914	-1551646.993	1518.556
NVA-108	2397292.563	-1536980.407	1666.425
NVA-109	2398795.645	-1526421.403	1799.402
NVA-110	2409203.807	-1516400.678	1543.704
NVA-111	2409891.345	-1527801.564	1554.052
NVA-112	2414826.581	-1544445.340	1667.140
NVA-113	2413557.737	-1565109.610	1483.413
NVA-114	2420971.371	-1582527.964	1092.320
NVA-115	2424070.543	-1593762.811	1000.132

NVA-116	2427593.339	-1604527.497	961.499
NVA-117	2443704.307	-1641321.917	828.724
NVA-118	2443381.015	-1652858.181	708.506
NVA-119	2440538.629	-1662430.305	1111.152
NVA-120	2443516.126	-1680038.125	1281.030
NVA-121	2457870.404	-1676668.605	1296.752
NVA-122	2458463.752	-1667103.568	832.225
NVA-123	2459285.221	-1649392.348	854.805
NVA-124	2452110.046	-1641732.423	810.452
NVA-125	2437140.399	-1593017.815	1119.902
NVA-126	2417946.462	-1511668.916	1590.774
NVA-127	2430075.105	-1543687.626	1285.249
NVA-128	2454472.574	-1599966.823	1081.596
NVA-129	2463390.929	-1603508.143	1158.446
NVA-130	2467434.980	-1604408.098	1403.359
NVA-131	2462683.082	-1643764.391	770.612
NVA-132	2468640.953	-1657133.794	809.667
NVA-133	2471432.495	-1669600.934	705.860
NVA-134	2484494.775	-1672485.974	686.258
NVA-135	2479940.911	-1658588.699	738.366
NVA-137	2493806.417	-1669210.243	677.693
NVA-138	2493552.430	-1649993.219	748.667
NVA-139	2505147.571	-1663977.436	691.277
NVA-140	2514657.467	-1661839.561	658.595
NVA-141	2526376.793	-1661301.654	653.223
NVA-142	2529838.978	-1646327.773	770.174
NVA-143	2541198.441	-1636094.169	1012.599
NVA-144	2491475.097	-1614805.589	1260.990
NVA-145	2496133.237	-1604154.184	814.302
NVA-146	2443803.221	-1462778.433	1842.899
NVA-147	2435532.861	-1465561.020	1728.663
NVA-148	2434804.450	-1455572.963	1888.771
NVA-149	2425218.583	-1455092.337	1835.091
NVA-150	2426792.653	-1506252.985	1771.953
NVA-151	2414030.936	-1452710.661	1766.830
NVA-152	2418122.573	-1462433.321	1597.305
NVA-153	2416655.947	-1476348.209	1784.911
NVA-154	2418648.684	-1487420.958	1647.734
NVA-155	2415490.310	-1500060.586	1602.912
NVA-156	2410333.984	-1506228.002	1543.267

NVA-157	2407173.744	-1490739.179	1533.396
NVA-158	2397641.821	-1476343.641	1477.426
NVA-159	2399512.215	-1499412.110	1559.032
NVA-160	2396415.165	-1507780.478	1549.292
NVA-161	2392065.697	-1507168.155	1660.958
NVA-162	2391111.633	-1494456.217	1684.667
NVA-163	2389770.667	-1475511.200	1424.065
NVA-164	2382850.669	-1474656.414	1392.958
NVA-165	2380036.939	-1459925.746	1383.970
NVA-166	2381857.931	-1449722.957	1406.592
NVA-167	2378978.456	-1430196.203	1435.316
NVA-168	2373713.237	-1430282.696	1439.708
NVA-169	2360213.517	-1388860.488	1484.549
NVA-170	2343884.030	-1373724.643	1502.630
NVA-171	2343458.786	-1389338.763	1505.704
NVA-172	2371766.340	-1417507.095	1416.698
NVA-173	2367720.427	-1421094.028	1373.362
NVA-174	2367857.366	-1428804.382	1395.947
NVA-175	2379198.043	-1451652.560	1388.276
NVA-176	2371948.042	-1456157.884	1342.054
NVA-177	2374956.408	-1459280.819	1364.257
NVA-178	2374877.201	-1467498.900	1395.071
NVA-179	2376695.313	-1478437.316	1392.180
NVA-180	2382314.533	-1490855.932	1417.216
NVA-181	2382610.568	-1502010.541	1360.665
NVA-182	2375173.226	-1513453.923	1080.607
NVA-183	2368281.471	-1514816.585	1066.977
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VVA-131	2326811.815	-1526277.276	1126.897
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VVA-134	2321792.224	-1485378.506	1150.773
VVA-135	2319751.120	-1469752.174	1224.971
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VVA-137	2311053.938	-1426796.049	1265.358
VVA-138	2305502.304	-1400334.415	1297.451
VVA-139	2305795.240	-1385656.323	1287.402
VVA-140	2315132.890	-1378871.245	1347.320
VVA-141	2318922.453	-1424755.755	1269.677
VVA-142	2322395.929	-1440267.680	1286.973
VVA-143	2328230.699	-1456312.940	1288.331
VVA-144	2328493.488	-1474480.633	1218.045
VVA-145	2334453.839	-1489440.705	1231.075
VVA-146	2339233.372	-1502838.432	1094.278
VVA-147	2343999.659	-1517954.843	999.560
VVA-148	2352604.286	-1519579.087	1022.622
VVA-149	2344891.695	-1489856.903	1214.027
VVA-150	2341690.006	-1483101.713	1196.976
VVA-151	2346696.256	-1470610.614	1232.116
VVA-152	2341251.387	-1455481.795	1295.768
VVA-153	2336510.570	-1440041.449	1312.024
VVA-154	2332435.326	-1427178.096	1306.119
VVA-155	2321008.792	-1384047.934	1368.845
VVA-156	2330893.844	-1375574.026	1404.029
VVA-157	2337298.335	-1418843.167	1316.485
VVA-158	2342679.266	-1429510.936	1355.781
VVA-159	2348054.921	-1449148.692	1286.278
VVA-160	2350235.261	-1463791.903	1271.922
VVA-161	2354736.577	-1473852.658	1248.504

VVA-162	2354836.885	-1487576.565	1250.358
VVA-163	2347879.649	-1497913.472	1142.151
VVA-164	2359221.909	-1508537.237	1094.831
VVA-165	2374280.619	-1510342.773	1092.981
VVA-166	2369895.895	-1505568.168	1106.398
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VVA-169	2368187.586	-1466921.881	1309.176
VVA-170	2353080.850	-1456515.324	1282.796
VVA-171	2354601.128	-1432906.590	1338.361
VVA-172	2350120.975	-1425926.526	1315.717
VVA-173	2348804.917	-1417882.221	1343.973
VVA-174	2342799.408	-1388318.212	1502.545
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VVA-176	2351934.269	-1370688.309	1487.388
VVA-177	2356729.212	-1381316.405	1527.020
VVA-178	2369276.354	-1418586.927	1394.707
VVA-179	2364539.631	-1428989.625	1363.752
VVA-180	2360066.570	-1445292.655	1343.986
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VVA-184	2376016.388	-1496953.596	1190.665
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VVA-187	2388653.723	-1499666.646	1574.891
VVA-188	2393434.598	-1496487.585	1682.646
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VVA-198	2414712.428	-1487772.794	1586.495
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VVA-208	2415185.368	-1384471.846	1618.588
VVA-209	2406050.636	-1360912.124	1518.773
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VVA-218	2365119.187	-1221220.947	1696.285
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VVA-220	2367738.394	-1254489.987	1899.684
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VVA-253	2325142.788	-1352713.492	1354.909
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VVA-260	2309014.879	-1310315.729	1707.684
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VVA-293	2261662.874	-1387307.528	1656.194
VVA-294	2251273.570	-1369238.435	1634.462
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VVA-361	2466175.517	-1368231.889	1733.795

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VVA-397	2472140.603	-1265042.913	1952.197
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VVA-455	2584996.971	-1401225.284	1249.132
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VVA-457	2568455.681	-1366553.634	2266.043
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VVA-462	2587726.476	-1431196.797	1647.125
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VVA-464	2595060.312	-1450079.727	2427.355
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VVA-470	2621616.392	-1435020.470	970.305
VVA-471	2605537.575	-1413316.822	2002.565
VVA-472	2605053.857	-1395658.928	1173.207
VVA-473	2596297.733	-1390829.083	1316.720
VVA-474	2609733.806	-1387261.737	1462.896
VVA-475	2614526.131	-1395129.252	1154.727
VVA-476	2622087.425	-1406346.323	1087.342
VVA-477	2626097.392	-1420428.202	1035.691
VVA-478	2621075.609	-1447325.070	938.386
VVA-479	2648595.656	-1437002.632	2308.231
VVA-480	2640252.175	-1439327.332	1717.532
VVA-481	2633961.024	-1435514.276	2279.997

VVA-482	2637169.139	-1428380.189	2327.707
VVA-483	2637539.211	-1402767.743	1763.989
VVA-484	2636002.528	-1392767.431	1323.564
VVA-485	2653448.386	-1389444.161	2220.011

4. GPS OBSERVATIONS

POINT ID	OBSERV. DATE	JULIAN DATE	TIME OF DAY (AST)	RE-OBSERV. DATE	RE-OBSERV. TIME
NVA-1	9/12/2020	256	17:38	N/A	N/A
NVA-2	9/13/2020	257	18:23	N/A	N/A
NVA-3	9/13/2020	257	16:21	N/A	N/A
NVA-4	8/30/2020	243	15:40	9/13/2020	21:15
NVA-5	8/30/2020	243	13:10	N/A	N/A
NVA-6	8/30/2020	243	12:19	N/A	N/A
NVA-7	9/1/2020	245	13:03	N/A	N/A
NVA-8	9/1/2020	245	13:50	N/A	N/A
NVA-9	9/1/2020	245	14:39	N/A	N/A
NVA-10	1/29/2020	29	11:54	N/A	N/A
NVA-11	1/29/2020	29	11:03	N/A	N/A
NVA-12	1/28/2020	28	15:08	1/29/2020	15:36
NVA-13	1/27/2020	27	14:18	N/A	N/A
NVA-14	1/27/2020	27	13:13	1/28/2020	16:25
NVA-15	1/27/2020	27	16:25	N/A	N/A
NVA-16	1/29/2020	29	14:01	N/A	N/A
NVA-17	8/29/2020	241	13:52	N/A	N/A
NVA-18	8/29/2020	241	13:08	N/A	N/A
NVA-19	1/21/2020	21	3:07	N/A	N/A
NVA-20	8/29/2020	241	14:46	9/1/2020	15:25
NVA-21	8/29/2020	241	15:43	N/A	N/A
NVA-22	9/10/2020	223	18:16	N/A	N/A
NVA-23	9/10/2020	223	15:49	N/A	N/A
NVA-24	9/9/2020	222	14:06	9/10/2020	20:26
NVA-25	9/9/2020	222	15:50	N/A	N/A
NVA-26	9/9/2020	222	18:05	N/A	N/A
NVA-27	8/29/2020	242	17:53	N/A	N/A
NVA-28	2/21/2020	21	11:35	N/A	N/A
NVA-29	1/21/2020	21	12:27	N/A	N/A
NVA-30	9/4/2020	248	15:10	N/A	N/A
NVA-31	7/26/2020	208	17:16	N/A	N/A
NVA-32	7/26/2020	208	16:11	N/A	N/A
NVA-33	7/26/2020	208	14:16	N/A	N/A
NVA-34	1/27/2020	27	12:00	N/A	N/A
NVA-35	1/27/2020	27	10:45	1/28/2020	13:12
NVA-36	1/26/2020	26	11:05	1/28/2020	9:56
NVA-37	1/23/2020	23	17:47	1/26/2020	11:43

NVA-38	1/28/2020	28	11:03	N/A	N/A
NVA-39	1/23/2020	23	15:45	N/A	N/A
NVA-40	1/23/2020	23	12:50	N/A	N/A
NVA-41	1/21/2020	21	13:19	N/A	N/A
NVA-42	1/20/2020	20	13:55	1/21/2020	16:36
NVA-43	8/29/2020	242	11:36	N/A	N/A
NVA-44	8/28/2020	241	12:43	N/A	N/A
NVA-45	8/27/2020	240	15:06	9/3/2020	14:30
NVA-46	8/27/2020	240	18:02	9/3/2020	16:25
NVA-47	9/7/2020	251	15:53	9/10/2020	21:25
NVA-48	9/7/2020	251	13:40	N/A	N/A
NVA-49	8/27/2020	240	11:40	9/3/2020	13:07
NVA-50	7/19/2020	201	17:13	7/20/2020	13:48
NVA-51	8/27/2020	240	12:43	N/A	N/A
NVA-52	1/20/2020	20	12:24	N/A	N/A
NVA-53	1/20/2020	20	14:30	N/A	N/A
NVA-54	1/23/2020	23	14:23	N/A	N/A
NVA-55	1/25/2020	25	14:52	N/A	N/A
NVA-56	1/23/2020	23	17:02	N/A	N/A
NVA-57	1/25/2020	25	13:53	1/26/2020	12:45
NVA-58	1/25/2020	25	10:22	1/26/2020	10:33
NVA-59	1/25/2020	25	11:32	1/26/2020	13:37
NVA-60	1/25/2020	25	13:02	N/A	N/A
NVA-61	1/25/2020	25	16:20	N/A	N/A
NVA-62	1/23/2020	23	11:20	N/A	N/A
NVA-63	1/20/2020	20	16:51	N/A	N/A
NVA-64	1/20/2020	20	11:14	1/21/2020	9:56
NVA-65	7/19/2020	201	9:50	7/20/2020	11:05
NVA-66	7/19/2020	201	10:07	7/20/2020	10:54
NVA-67	7/19/2020	201	10:52	7/20/2020	11:35
NVA-68	7/15/2020	197	14:52	N/A	N/A
NVA-69	9/8/2020	252	13:43	N/A	N/A
NVA-70	9/7/2020	251	11:50	9/8/2020	16:50
NVA-71	7/14/2020	196	16:11	N/A	N/A
NVA-72	7/13/2020	195	17:26	7/14/2020	11:46
NVA-73	7/15/2020	197	12:22	7/15/2020	12:26
NVA-74	7/19/2020	201	13:20	7/19/2020	13:23
NVA-75	7/19/2020	201	11:18	7/20/2020	11:58
NVA-76	1/15/2020	15	13:53	1/18/2020	15:49
NVA-77	1/15/2020	15	16:06	1/15/2020	16:10

NVA-78	1/15/2020	15	15:13	1/18/2020	16:40
NVA-79	1/20/2020	20	10:35	N/A	N/A
NVA-80	1/20/2020	20	10:10	1/22/2020	17:52
NVA-81	1/24/2020	24	13:56	N/A	N/A
NVA-82	1/22/2020	22	15:42	1/24/2020	16:41
NVA-83	1/25/2020	25	12:13	1/26/2020	14:53
NVA-84	1/24/2020	24	11:21	1/26/2020	14:21
NVA-85	1/24/2020	24	12:25	N/A	N/A
NVA-86	1/22/2020	22	13:08	1/24/2020	13:20
NVA-87	1/22/2020	22	11:04	1/24/2020	14:45
NVA-88	1/17/2020	17	16:10	1/22/2020	9:46
NVA-89	1/16/2020	16	17:10	1/17/2020	13:40
NVA-90	1/15/2020	15	17:04	1/16/2020	16:14
NVA-91	1/16/2020	16	15:14	1/18/2020	14:08
NVA-92	1/15/2020	15	12:34	1/18/2020	15:07
NVA-93	1/13/2020	13	17:28	1/15/2020	11:56
NVA-94	1/13/2020	13	16:05	1/13/2020	16:15
NVA-95	1/13/2020	13	16:24	1/13/2020	16:40
NVA-96	7/14/2020	196	12:57	N/A	N/A
NVA-97	7/13/2020	195	16:17	7/14/2020	12:02
NVA-98	7/13/2020	195	15:53	7/13/2020	15:56
NVA-99	7/13/2020	195	13:36	7/14/2020	17:53
NVA-100	1/13/2020	13	13:45	1/13/2020	14:00
NVA-101	1/13/2020	13	11:06	1/13/2020	11:25
NVA-102	1/13/2020	13	15:10	1/13/2020	15:30
NVA-103	1/18/2020	18	10:52	1/18/2020	10:59
NVA-104	1/18/2020	18	10:02	1/18/2020	10:30
NVA-105	1/17/2020	17	13:21	1/23/2020	9:55
NVA-106	1/17/2020	17	15:49	1/17/2020	15:59
NVA-107	2/20/2020	51	13:04	N/A	N/A
NVA-108	7/18/2020	200	13:06	N/A	N/A
NVA-109	7/18/2020	200	14:18	7/18/2020	14:21
NVA-110	3/10/2020	70	17:39	N/A	N/A
NVA-111	3/10/2020	70	18:00	N/A	N/A
NVA-112	1/17/2020	17	12:31	1/17/2020	13:00
NVA-113	1/17/2020	17	11:33	1/17/2020	12:00
NVA-114	1/16/2020	16	12:40	1/16/2020	13:00
NVA-115	1/16/2020	16	11:40	1/18/2020	12:55
NVA-116	1/18/2020	18	12:13	N/A	N/A
NVA-117	1/11/2020	11	11:31	1/12/2020	17:48

NVA-118	1/11/2020	11	13:02	1/12/2020	17:19
NVA-119	7/15/2020	197	10:46	7/15/2020	10:50
NVA-120	7/13/2020	195	12:54	N/A	N/A
NVA-121	1/12/2020	12	15:43	1/12/2020	16:00
NVA-122	1/11/2020	11	14:09	1/12/2020	16:33
NVA-123	1/8/2020	8	17:26	1/11/2020	16:33
NVA-124	1/11/2020	11	10:44	1/11/2020	16:58
NVA-125	1/16/2020	16	10:48	1/16/2020	11:00
NVA-126	7/28/2020	210	16:38	7/19/2020	10:59
NVA-127	1/7/2020	7	13:58	N/A	N/A
NVA-128	11/24/2020	329	22:04	N/A	N/A
NVA-129	11/24/2020	329	13:24	11/24/2020	13:28
NVA-130	11/24/2020	329	14:58	N/A	N/A
NVA-131	1/8/2020	8	10:30	1/12/2020	12:57
NVA-132	1/8/2020	8	16:42	1/11/2020	16:06
NVA-133	1/8/2020	8	15:51	1/12/2020	14:33
NVA-134	1/8/2020	8	14:24	1/12/2020	14:10
NVA-135	1/8/2020	8	12:00	1/12/2020	13:46
NVA-137	1/8/2020	8	13:23	1/14/2020	12:14
NVA-138	11/22/2020	327	14:48	11/23/2020	12:35
NVA-139	11/22/2020	327	17:04	N/A	N/A
NVA-140	11/22/2019	327	17:40	N/A	N/A
NVA-141	11/23/2019	328	13:36	N/A	N/A
NVA-142	11/23/2019	328	15:39	N/A	N/A
NVA-143	11/23/2019	328	17:29	N/A	N/A
NVA-144	1/9/2020	9	11:04	N/A	N/A
NVA-145	1/9/2020	9	12:50	N/A	N/A
NVA-146	7/27/2020	209	17:43	7/29/2020	9:10
NVA-147	7/27/2020	209	17:21	7/28/2020	10:21
NVA-148	7/27/2020	209	16:54	N/A	N/A
NVA-149	7/21/2020	203	16:25	N/A	N/A
NVA-150	7/19/2020	201	12:08	N/A	N/A
NVA-151	7/20/2020	202	16:39	N/A	N/A
NVA-152	7/20/2020	202	17:27	N/A	N/A
NVA-153	7/21/2020	203	14:25	7/22/2020	11:05
NVA-154	7/22/2020	204	13:29	N/A	N/A
NVA-155	7/18/2020	200	17:21	N/A	N/A
NVA-156	3/10/2020	70	17:18	N/A	N/A
NVA-157	3/10/2020	70	16:21	N/A	N/A
NVA-158	3/10/2020	70	15:12	N/A	N/A

NVA-159	3/10/2020	70	16:55	N/A	N/A
NVA-160	7/19/2020	201	13:30	N/A	N/A
NVA-161	7/19/2020	201	14:46	N/A	N/A
NVA-162	7/19/2020	201	16:30	7/20/2020	12:07
NVA-163	3/10/2020	70	14:53	N/A	N/A
NVA-164	3/9/2020	69	16:14	3/10/2020	14:30
NVA-165	7/20/2020	202	14:34	N/A	N/A
NVA-166	3/10/2020	70	12:22	N/A	N/A
NVA-167	7/21/2020	203	10:10	7/22/2020	10:37
NVA-168	7/21/2020	203	10:54	7/22/2020	11:10
NVA-169	7/25/2020	207	14:46	N/A	N/A
NVA-170	2/26/2020	57	13:22	N/A	N/A
NVA-171	7/25/2020	207	17:01	N/A	N/A
NVA-172	7/21/2020	203	13:12	N/A	N/A
NVA-173	7/21/2020	203	12:28	N/A	N/A
NVA-174	7/21/2020	203	11:12	7/22/2020	11:25
NVA-175	3/10/2020	70	12:06	N/A	N/A
NVA-176	3/10/2020	70	11:42	N/A	N/A
NVA-177	3/10/2020	70	13:25	N/A	N/A
NVA-178	3/9/2020	69	16:57	N/A	N/A
NVA-179	3/9/2020	69	15:56	N/A	N/A
NVA-180	7/20/2020	202	13:05	N/A	N/A
NVA-181	7/19/2020	201	17:02	N/A	N/A
NVA-182	3/9/2020	69	11:32	N/A	N/A
NVA-183	3/9/2020	69	11:03	N/A	N/A
NVA-184	3/9/2020	69	12:09	N/A	N/A
NVA-185	3/9/2020	69	14:01	N/A	N/A
NVA-186	3/9/2020	69	15:04	N/A	N/A
NVA-187	3/9/2020	69	15:27	N/A	N/A
NVA-188	3/10/2020	70	11:09	N/A	N/A
NVA-189	7/23/2020	205	11:23	N/A	N/A
NVA-190	7/21/2020	203	14:55	N/A	N/A
NVA-191	7/21/2020	203	11:48	7/22/2020	11:50
NVA-192	7/21/2020	203	12:07	N/A	N/A
NVA-193	7/22/2023	204	14:44	N/A	N/A
NVA-194	2/26/2020	57	13:46	N/A	N/A
NVA-195	7/25/2020	207	18:06	N/A	N/A
NVA-196	7/22/2020	204	14:16	N/A	N/A
NVA-197	7/22/2020	204	13:05	N/A	N/A
NVA-198	2/21/2020	52	15:38	N/A	N/A

NVA-199	7/23/2020	205	10:16	N/A	N/A
NVA-200	7/23/2020	205	12:37	N/A	N/A
NVA-201	3/6/2020	66	15:23	N/A	N/A
NVA-202	3/6/2020	66	13:11	3/6/2020	16:33
NVA-203	3/7/2020	67	13:09	N/A	N/A
NVA-204	3/7/2020	67	13:25	N/A	N/A
NVA-205	3/7/2020	67	13:46	N/A	N/A
NVA-206	3/7/2020	67	14:46	N/A	N/A
NVA-207	3/7/2020	67	14:27	3/9/2020	10:29
NVA-208	3/6/2020	66	12:15	3/7/2020	12:04
NVA-209	3/6/2020	66	13:37	N/A	N/A
NVA-210	3/6/2020	66	14:29	N/A	N/A
NVA-211	3/1/2020	61	14:21	N/A	N/A
NVA-212	3/1/2020	61	13:46	N/A	N/A
NVA-213	3/1/2020	61	13:01	N/A	N/A
NVA-214	2/29/2020	60	12:07	3/1/2020	12:02
NVA-215	2/29/2020	60	11:10	3/1/2020	11:20
NVA-216	2/26/2020	57	14:17	N/A	N/A
NVA-217	2/26/2020	57	15:57	N/A	N/A
NVA-218	2/26/2020	57	16:23	N/A	N/A
NVA-219	2/29/2020	60	10:42	3/1/2020	11:07
NVA-220	2/29/2020	60	12:56	N/A	N/A
NVA-221	2/29/2020	60	13:17	2/29/2020	17:27
NVA-222	2/29/2020	60	17:02	N/A	N/A
NVA-223	2/29/2020	60	16:27	3/1/2020	14:59
NVA-224	3/5/2020	65	15:19	N/A	N/A
NVA-225	3/6/2020	66	10:56	N/A	N/A
NVA-226	3/6/2020	66	10:25	3/6/2020	17:09
NVA-227	3/7/2020	67	11:24	N/A	N/A
NVA-228	1/30/2020	30	17:07	N/A	N/A
NVA-229	3/7/2020	67	15:31	N/A	N/A
NVA-230	1/30/2020	30	16:42	N/A	N/A
NVA-231	3/7/2020	67	10:37	N/A	N/A
NVA-232	3/5/2020	65	16:33	3/6/2020	9:47
NVA-233	3/5/2020	65	13:40	N/A	N/A
NVA-234	3/5/2020	65	14:54	N/A	N/A
NVA-235	2/29/2020	60	15:50	3/1/2020	15:20
NVA-236	2/29/2020	60	14:00	N/A	N/A
NVA-237	2/29/2020	60	10:00	3/1/2020	10:38
NVA-238	2/28/2020	59	12:18	N/A	N/A

NVA-239	2/27/2020	58	12:03	2/28/2020	12:46
NVA-240	2/27/2020	58	13:03	2/28/2020	13:05
NVA-241	2/26/2020	57	17:27	2/27/2020	12:42
NVA-242	7/24/2020	206	10:33	N/A	N/A
NVA-243	2/27/2020	58	13:21	2/28/2020	13:16
NVA-244	2/27/2020	58	11:35	N/A	N/A
NVA-245	2/27/2020	58	10:47	2/28/2020	11:22
NVA-246	2/27/2020	58	9:38	2/27/2020	17:05
NVA-247	2/29/2020	60	15:14	3/1/2020	15:52
NVA-248	3/4/2020	64	17:19	3/5/2020	12:08
NVA-249	3/4/2020	64	15:13	3/5/2020	12:52
NVA-250	1/30/2020	30	10:26	N/A	N/A
NVA-251	1/30/2020	30	9:59	N/A	N/A
NVA-252	2/18/2020	49	9:58	3/7/2020	16:41
NVA-253	1/30/2020	30	14:47	N/A	N/A
NVA-254	3/8/2020	68	11:22	N/A	N/A
NVA-255	1/30/2020	30	14:00	N/A	N/A
NVA-256	2/18/2020	49	17:19	3/4/2020	13:55
NVA-257	1/30/2020	30	11:09	N/A	N/A
NVA-258	3/4/2020	64	15:51	3/5/2020	11:33
NVA-259	3/4/2020	64	16:15	3/5/2020	10:20
NVA-260	3/3/2020	63	10:30	3/4/2020	9:41
NVA-261	2/28/2020	59	10:25	2/28/2020	17:17
NVA-262	2/27/2020	58	10:20	2/27/2020	16:44
NVA-263	2/27/2020	58	11:10	2/27/2020	16:25
NVA-264	2/27/2020	58	13:51	2/28/2020	13:34
NVA-265	7/24/2020	206	11:02	N/A	N/A
NVA-266	3/2/2020	62	17:44	N/A	N/A
NVA-267	2/27/2020	58	15:07	2/28/2020	14:06
NVA-268	2/27/2020	58	16:03	2/28/2020	14:24
NVA-269	2/28/2020	59	16:14	3/2/2020	9:47
NVA-270	3/3/2020	63	11:41	N/A	N/A
NVA-271	3/3/2020	63	11:16	3/3/2020	17:11
NVA-272	3/4/2020	64	12:03	3/5/2020	10:40
NVA-273	3/4/2020	64	12:43	3/5/2020	11:11
NVA-274	1/30/2020	30	11:35	N/A	N/A
NVA-275	1/30/2020	30	12:29	N/A	N/A
NVA-276	3/8/2020	68	11:49	N/A	N/A
NVA-277	3/8/2020	68	13:27	N/A	N/A
NVA-278	2/18/2020	49	11:54	3/8/2020	12:56

NVA-279	2/18/2020	49	16:32	3/8/2020	15:56
NVA-280	3/4/2020	64	11:21	N/A	N/A
NVA-281	7/24/2020	206	16:46	N/A	N/A
NVA-282	3/3/2020	63	12:12	N/A	N/A
NVA-283	7/23/2020	205	15:21	N/A	N/A
NVA-284	2/28/2020	59	14:49	N/A	N/A
NVA-285	3/2/2020	62	16:58	N/A	N/A
NVA-286	3/2/2020	62	14:20	N/A	N/A
NVA-287	3/2/2020	62	13:24	N/A	N/A
NVA-288	3/2/2020	62	12:47	N/A	N/A
NVA-289	3/2/2020	62	10:51	N/A	N/A
NVA-290	3/3/2020	63	13:02	N/A	N/A
NVA-291	3/3/2020	63	15:31	N/A	N/A
NVA-292	7/25/2020	207	12:14	N/A	N/A
NVA-293	2/18/2020	49	15:37	N/A	N/A
NVA-294	2/18/2020	49	12:17	3/8/2020	14:04
NVA-295	2/18/2020	49	14:02	3/8/2020	14:40
NVA-296	2/26/2020	57	15:00	N/A	N/A
NVA-297	7/25/2020	207	15:36	7/26/2020	15:35
NVA-298	7/24/2020	206	17:56	N/A	N/A
NVA-299	7/24/2020	206	17:22	N/A	N/A
NVA-300	7/24/2020	206	15:58	N/A	N/A
NVA-301	7/24/2020	206	15:25	N/A	N/A
NVA-302	7/24/2020	206	14:27	N/A	N/A
NVA-303	7/24/2020	206	14:00	N/A	N/A
NVA-304	7/24/2020	206	13:04	N/A	N/A
NVA-305	7/27/2020	209	17:37	7/28/2020	10:55
NVA-306	7/27/2020	209	14:40	7/28/2020	9:22
NVA-307	7/26/2020	208	12:22	N/A	N/A
NVA-308	7/25/2020	207	16:20	7/26/2020	16:10
NVA-309	7/25/2020	207	15:00	N/A	N/A
NVA-310	7/25/2020	207	17:18	7/26/2020	13:05
NVA-311	7/27/2020	209	10:40	N/A	N/A
NVA-312	7/27/2020	209	11:40	N/A	N/A
NVA-313	7/27/2020	209	14:04	7/28/2020	8:47
NVA-314	7/27/2020	209	15:25	7/28/2020	10:00
NVA-315	7/29/2020	211	18:14	N/A	N/A
NVA-316	7/28/2020	210	12:36	N/A	N/A
NVA-317	7/28/2020	210	11:58	N/A	N/A
NVA-318	7/29/2020	211	17:14	7/30/2020	14:58

NVA-319	7/28/2020	210	13:28	N/A	N/A
NVA-320	7/29/2020	211	18:40	N/A	N/A
NVA-321	7/28/2020	210	15:39	N/A	N/A
NVA-322	7/25/2020	207	18:11	7/26/2020	12:00
NVA-323	7/25/2020	207	13:55	N/A	N/A
NVA-324	7/25/2020	207	13:19	7/26/2020	11:16
NVA-325	7/25/2020	207	11:48	7/26/2020	8:45
NVA-326	7/28/2020	210	15:10	N/A	N/A
NVA-327	7/29/2020	211	17:30	7/30/2020	9:56
NVA-328	7/29/2020	211	16:11	7/30/2020	14:08
NVA-329	7/29/2020	211	20:13	N/A	N/A
NVA-330	7/29/2020	211	15:30	N/A	N/A
NVA-331	7/29/2020	211	16:40	N/A	N/A
NVA-332	7/28/2020	210	13:00	N/A	N/A
NVA-333	7/25/2020	207	11:22	7/26/2020	8:22
NVA-334	7/24/2020	206	13:00	7/25/2020	9:48
NVA-335	7/24/2020	206	15:03	7/25/2020	10:09
NVA-336	7/24/2020	206	17:25	N/A	N/A
NVA-337	7/24/2020	206	18:50	7/25/2020	9:20
NVA-338	7/25/2020	207	11:00	7/26/2020	18:46
NVA-339	7/28/2020	210	11:55	N/A	N/A
NVA-340	7/29/2020	211	16:00	7/30/2020	9:26
NVA-341	7/29/2020	211	12:18	N/A	N/A
NVA-342	7/29/2020	211	14:13	N/A	N/A
NVA-343	7/29/2020	211	10:10	N/A	N/A
NVA-344	7/29/2020	211	11:50	N/A	N/A
NVA-345	7/29/2020	211	12:35	7/30/2020	13:23
NVA-346	7/29/2020	211	10:32	N/A	N/A
NVA-347	7/29/2020	211	15:15	7/30/2020	9:05
NVA-348	7/28/2020	210	9:42	N/A	N/A
NVA-349	7/27/2020	209	16:30	7/28/2020	9:18
NVA-350	7/27/2020	209	15:15	7/28/2020	8:34
NVA-351	7/27/2020	209	14:34	7/28/2020	8:17
NVA-352	7/26/2020	208	13:38	7/27/2020	13:51
NVA-353	7/25/2020	207	17:29	7/26/2020	12:38
NVA-354	7/25/2020	207	16:51	7/26/2020	12:16
NVA-355	7/30/2020	212	15:46	8/1/2020	8:56
NVA-356	7/30/2020	212	11:35	N/A	N/A
NVA-357	7/30/2020	212	10:24	N/A	N/A
NVA-358	7/29/2020	211	8:56	N/A	N/A

NVA-359	7/29/2020	211	9:30	N/A	N/A
NVA-360	7/29/2020	211	9:04	7/30/2020	10:54
NVA-361	7/29/2020	211	8:19	7/30/2020	10:17
NVA-362	7/29/2020	211	7:22	7/30/2020	9:27
NVA-363	8/9/2020	222	14:01	N/A	N/A
NVA-364	7/29/2020	211	8:07	N/A	N/A
NVA-365	7/24/2020	206	11:30	N/A	N/A
NVA-366	7/30/2020	212	14:55	8/1/2020	8:19
NVA-367	7/26/2020	208	15:12	7/27/2020	10:38
NVA-368	7/26/2020	208	16:57	N/A	N/A
NVA-369	7/25/2020	207	15:00	7/26/2020	11:01
NVA-370	7/24/2020	206	10:04	N/A	N/A
NVA-371	7/24/2020	206	9:25	N/A	N/A
NVA-372	7/30/2020	212	18:28	N/A	N/A
NVA-373	7/29/2020	211	6:50	7/30/2020	8:30
NVA-374	7/29/2020	211	6:32	7/30/2020	8:45
NVA-375	2/26/2020	57	15:00	N/A	N/A
NVA-376	7/30/2020	212	18:12	7/31/2020	8:58
NVA-377	7/30/2020	212	17:50	N/A	N/A
NVA-378	7/25/2020	207	10:59	N/A	N/A
NVA-379	7/26/2020	208	9:09	7/27/2020	8:18
NVA-380	7/27/2020	209	11:33	N/A	N/A
NVA-381	7/31/2020	213	8:45	7/31/2020	15:11
NVA-382	7/31/2020	213	11:57	N/A	N/A
NVA-383	7/31/2020	213	4:27	N/A	N/A
NVA-384	8/9/2020	222	10:50	N/A	N/A
NVA-385	10/10/2020	284	12:07	N/A	N/A
NVA-386	7/31/2020	213	15:32	8/1/2020	15:21
NVA-387	7/31/2020	213	9:40	8/1/2020	10:25
NVA-388	7/31/2020	213	10:29	8/1/2020	10:55
NVA-389	7/31/2020	213	11:18	8/1/2020	11:31
NVA-390	7/31/2020	213	10:53	8/1/2020	11:11
NVA-391	7/31/2020	213	14:45	8/1/2020	14:57
NVA-392	8/9/2020	222	10:10	N/A	N/A
NVA-393	7/31/2020	213	18:23	8/1/2020	8:57
NVA-394	7/31/2020	213	17:10	N/A	N/A
NVA-395	7/31/2020	213	12:48	N/A	N/A
NVA-396	8/6/2020	219	14:28	N/A	N/A
NVA-397	8/6/2020	219	22:24	N/A	N/A
NVA-398	8/6/2020	219	11:07	N/A	N/A

NVA-399	8/5/2020	218	10:55	8/7/2020	10:12
NVA-400	8/5/2020	218	10:25	8/7/2020	9:40
NVA-401	8/5/2020	218	11:34	8/7/2020	10:44
NVA-402	8/5/2020	218	13:00	8/7/2020	11:57
NVA-403	8/6/2020	219	16:15	N/A	N/A
NVA-404	8/6/2020	219	15:13	N/A	N/A
NVA-405	8/1/2020	214	11:40	N/A	N/A
NVA-406	8/1/2020	214	13:42	N/A	N/A
NVA-407	7/31/2020	213	13:58	8/1/2020	14:22
NVA-408	7/31/2020	213	12:48	8/1/2010	12:39
NVA-409	7/31/2020	213	12:22	8/1/2020	12:21
NVA-410	8/2/2020	215	18:21	N/A	N/A
NVA-411	8/2/2020	215	17:13	N/A	N/A
NVA-412	7/31/2020	213	13:14	8/1/2020	12:53
NVA-413	7/31/2020	213	16:25	8/1/2020	14:06
NVA-414	8/3/2020	216	10:07	8/5/2020	9:43
NVA-415	8/1/2020	214	14:18	N/A	N/A
NVA-416	8/6/2020	219	19:19	8/7/2020	19:21
NVA-417	8/6/2020	219	17:22	N/A	N/A
NVA-418	8/5/2020	218	13:55	8/7/2020	13:15
NVA-419	8/5/2020	218	14:37	N/A	N/A
NVA-420	8/2/2020	215	16:24	8/4/2020	9:43
NVA-421	8/2/2020	215	13:39	8/4/2020	11:45
NVA-422	8/5/2020	218	17:56	N/A	N/A
NVA-423	8/1/2020	214	16:05	8/2/2020	8:05
NVA-424	8/3/2020	216	10:33	8/4/2020	15:12
NVA-425	8/3/2020	216	11:40	8/5/2020	10:23
NVA-426	8/3/2020	216	12:33	8/5/2020	12:16
NVA-427	7/31/2020	213	16:56	8/1/2020	13:27
NVA-428	7/31/2020	213	17:19	8/1/2020	13:41
NVA-429	8/2/2020	215	16:50	N/A	N/A
NVA-430	8/2/2020	215	13:43	N/A	N/A
NVA-431	8/2/2020	215	12:32	N/A	N/A
NVA-432	8/2/2020	215	10:40	N/A	N/A
NVA-433	8/2/2020	215	14:55	N/A	N/A
NVA-434	8/2/2020	215	16:09	N/A	N/A
NVA-435	8/3/2020	216	12:00	8/7/2020	13:05
NVA-436	8/3/2020	216	12:52	8/5/2020	12:31
NVA-437	8/3/2020	216	11:59	8/5/2020	11:46
NVA-438	8/3/2020	216	9:40	8/5/2020	11:02

NVA-439	8/3/2020	216	8:42	8/5/2020	8:56
NVA-440	8/1/2020	214	16:22	8/2/2020	8:32
NVA-441	8/5/2020	218	17:18	N/A	N/A
NVA-442	8/2/2020	215	13:24	8/4/2020	12:06
NVA-443	8/2/2020	215	14:06	8/4/2020	11:36
NVA-444	8/2/2020	215	15:32	8/4/2020	10:35
NVA-445	8/2/2020	215	15:13	8/4/2020	10:52
NVA-446	8/2/2020	215	11:34	8/4/2020	12:46
NVA-447	8/2/2020	215	9:50	8/4/2020	13:36
NVA-448	8/1/2020	214	16:57	8/2/2020	9:28
NVA-449	8/3/2020	216	8:18	8/4/2020	18:30
NVA-450	8/3/2020	216	17:00	8/4/2020	17:32
NVA-451	8/3/2020	216	16:24	8/4/2020	17:09
NVA-452	8/3/2020	216	4:04	8/5/2020	13:54
NVA-453	8/9/2020	222	10:38	N/A	N/A
NVA-454	8/3/2020	216	14:47	8/5/2020	13:09
NVA-455	8/3/2020	216	14:17	8/5/2020	12:57
NVA-456	7/10/2020	192	13:33	N/A	N/A
NVA-457	7/10/2020	192	15:02	N/A	N/A
NVA-458	1/9/2020	9	15:48	1/10/2020	14:09
NVA-459	1/9/2020	9	14:10	N/A	N/A
NVA-460	1/9/2020	9	16:16	N/A	N/A
NVA-461	1/10/2020	10	12:58	N/A	N/A
NVA-462	7/11/2020	193	13:31	N/A	N/A
NVA-463	7/12/2020	194	14:48	N/A	N/A
NVA-464	7/11/2020	193	16:50	7/11/2020	17:30
NVA-465	7/12/2020	194	12:36	7/12/2020	13:00
NVA-466	8/9/2020	222	11:07	8/9/2020	12:00
NVA-467	8/2/2020	215	10:06	8/7/2020	11:09
NVA-468	8/2/2020	215	9:37	N/A	N/A
NVA-469	8/6/2020	219	17:25	N/A	N/A
NVA-470	8/6/2020	219	13:36	N/A	N/A
NVA-471	8/6/2020	219	11:39	N/A	N/A
NVA-472	8/6/2020	219	15:16	N/A	N/A
NVA-473	8/6/2020	219	17:55	8/7/2020	9:54
NVA-474	8/6/2020	219	18:29	8/7/2020	11:38
NVA-475	8/6/2020	219	18:50	8/7/2020	11:52
NVA-476	8/9/2020	222	11:38	N/A	N/A
NVA-477	8/9/2020	222	12:24	N/A	N/A
NVA-478	8/9/2020	222	10:11	N/A	N/A

NVA-479	8/3/2020	216	18:06	8/4/2020	16:44
NVA-480	8/3/2020	216	17:46	8/4/2020	16:19
NVA-481	8/3/2020	216	18:32	8/9/2020	16:01
NVA-482	8/3/2020	216	18:52	8/4/2020	15:44
NVA-483	8/12/2020	225	15:01	8/14/2020	9:24
NVA-484	8/12/2020	225	12:01	N/A	N/A
NVA-485	8/12/2020	225	10:28	N/A	N/A
NVA-486	8/10/2020	223	8:23	8/11/2020	10:30
NVA-487	8/10/2020	223	15:21	8/11/2020	15:17
NVA-488	8/10/2020	223	12:36	8/11/2020	12:15
NVA-489	8/21/2020	234	13:29	8/24/2020	10:45
NVA-490	7/31/2020	213	16:58	8/1/2020	17:08
NVA-491	8/1/2020	214	14:35	N/A	N/A
NVA-492	7/30/2020	212	12:53	N/A	N/A
NVA-493	7/30/2020	212	10:25	N/A	N/A
NVA-494	7/31/2020	213	13:27	N/A	N/A
NVA-495	7/31/2020	213	15:31	8/2/2020	14:33
NVA-496	8/21/2020	234	15:12	8/24/2020	11:58
NVA-497	8/12/2020	225	16:05	8/13/2020	15:48
NVA-498	8/10/2020	223	13:33	8/11/2020	13:01
NVA-499	8/10/2020	223	10:26	8/11/2020	10:59
NVA-500	8/10/2020	223	9:45	8/11/2020	10:32
NVA-501	8/10/2020	223	9:15	8/11/2020	12:29
NVA-502	8/10/2020	223	14:23	8/11/2020	11:56
NVA-503	7/28/2020	210	17:07	N/A	N/A
NVA-504	8/12/2020	225	16:13	8/13/2020	11:09
NVA-505	8/13/2020	226	11:27	8/14/2020	10:52
NVA-506	8/12/2020	225	16:39	8/14/2020	10:27
NVA-507	8/12/2020	225	13:49	8/13/2020	9:34
NVA-508	8/10/2020	223	9:58	8/11/2020	13:44
NVA-509	8/17/2020	230	10:41	8/18/2020	12:06
NVA-510	8/17/2020	230	11:34	8/18/2020	12:30
NVA-511	8/12/2020	225	10:14	8/13/2020	10:09
NVA-512	8/14/2020	227	12:49	8/15/2020	11:39
NVA-513	8/14/2020	227	11:37	8/15/2020	10:36
NVA-514	8/12/2020	225	14:07	8/13/2020	14:28
NVA-515	8/24/2020	237	13:00	N/A	N/A
NVA-516	8/24/2020	237	15:34	N/A	N/A
NVA-517	8/25/2020	238	14:43	N/A	N/A
NVA-518	7/31/2020	213	12:31	8/2/2020	15:51

NVA-519	7/30/2020	212	16:52	7/31/2020	10:30
NVA-520	7/29/2020	211	10:42	N/A	N/A
NVA-521	8/1/2020	214	17:08	N/A	N/A
NVA-522	7/28/2020	210	12:15	N/A	N/A
NVA-523	8/22/2020	235	20:34	N/A	N/A
NVA-524	8/22/2020	235	17:49	N/A	N/A
NVA-525	9/30/2020	274	10:22	10/1/2020	23:40
NVA-526	8/25/2020	238	16:20	N/A	N/A
NVA-527	8/25/2020	238	11:47	N/A	N/A
NVA-528	8/20/2020	233	17:36	N/A	N/A
NVA-529	8/12/2020	225	13:03	8/13/2020	12:53
NVA-530	8/14/2020	227	14:07	8/15/2020	13:01
NVA-531	8/14/2020	227	15:04	8/15/2020	13:40
NVA-532	8/17/2020	230	12:26	8/18/2020	13:13
NVA-533	8/17/2020	230	13:41	8/18/2020	13:38
NVA-534	8/17/2020	230	16:04	8/18/2020	15:40
NVA-535	8/10/2020	223	10:39	8/11/2020	14:08
NVA-536	8/13/2020	226	14:08	8/14/2020	12:07
NVA-537	8/13/2020	226	15:04	8/14/2020	14:02
NVA-538	8/13/2020	226	15:57	N/A	N/A
NVA-539	8/14/2020	227	15:43	N/A	N/A
NVA-540	8/15/2020	228	9:45	N/A	N/A
NVA-541	8/10/2020	223	12:33	8/11/2020	15:04
NVA-542	8/19/2020	232	9:08	8/20/2020	9:28
NVA-543	8/17/2020	230	15:34	8/18/2020	15:16
NVA-544	8/17/2020	230	15:05	8/18/2020	14:56
NVA-545	8/12/2020	225	10:55	8/13/2020	10:55
NVA-546	8/14/2020	227	16:27	8/15/2020	14:50
NVA-547	8/12/2020	225	12:42	8/13/2020	12:29
NVA-548	8/20/2020	233	12:31	N/A	N/A
NVA-549	8/25/2020	238	14:06	N/A	N/A
NVA-550	8/25/2020	238	18:07	N/A	N/A
NVA-551	8/25/2020	238	19:40	N/A	N/A
NVA-552	7/29/2020	211	15:47	7/30/2020	15:55
NVA-553	7/29/2020	211	13:38	7/30/2020	14:53
NVA-554	9/30/2020	274	0:31	10/1/2020	13:16
NVA-555	8/1/2020	214	14:42	N/A	N/A
NVA-556	7/31/2020	213	17:29	N/A	N/A
NVA-557	7/28/2020	210	15:22	7/29/2020	12:14
NVA-558	7/28/2020	210	13:46	7/29/2020	12:51

NVA-559	7/28/2020	210	16:17	N/A	N/A
NVA-560	7/29/2020	211	2:04	N/A	N/A
NVA-561	7/28/2020	210	17:16	7/29/2020	13:32
NVA-562	7/31/2020	213	11:58	N/A	N/A
NVA-563	7/31/2020	213	15:06	N/A	N/A
NVA-564	10/2/2020	276	10:05	10/3/2020	10:06
NVA-565	10/2/2020	276	12:12	10/3/2020	11:57
NVA-566	9/30/2020	274	15:21	10/1/2020	15:22
NVA-567	10/4/2020	278	11:10	10/5/2020	11:05
NVA-568	9/18/2020	262	14:50	9/19/2020	12:58
NVA-569	9/18/2020	262	15:57	9/19/2020	14:33
NVA-570	8/25/2020	238	17:15	N/A	N/A
NVA-571	8/25/2020	238	15:41	N/A	N/A
NVA-572	8/20/2020	233	15:44	N/A	N/A
NVA-573	8/20/2020	233	13:13	N/A	N/A
NVA-574	8/17/2020	230	14:55	N/A	N/A
NVA-575	8/17/2020	230	11:37	8/18/2020	11:34
NVA-576	8/12/2020	225	12:17	8/13/2020	12:10
NVA-577	8/12/2020	225	11:56	8/13/2020	11:51
NVA-578	8/12/2020	225	11:23	8/13/2020	11:24
NVA-579	8/18/2020	231	16:52	8/19/2020	14:32
NVA-580	8/19/2020	232	15:55	8/20/2020	12:58
NVA-581	8/19/2020	232	16:21	8/20/2020	11:38
NVA-582	8/19/2020	232	9:41	8/20/2020	9:42
NVA-583	8/19/2020	232	10:22	N/A	N/A
NVA-584	8/15/2020	228	18:11	N/A	N/A
NVA-585	8/15/2020	228	14:31	8/16/2020	10:26
NVA-586	8/15/2020	228	11:00	N/A	N/A
NVA-587	8/14/2020	227	16:37	N/A	N/A
NVA-588	8/15/2020	228	13:44	N/A	N/A
NVA-589	8/15/2020	228	11:56	N/A	N/A
NVA-590	8/15/2020	228	15:44	N/A	N/A
NVA-591	8/15/2020	228	16:44	N/A	N/A
NVA-592	8/15/2020	228	17:59	N/A	N/A
NVA-593	8/19/2020	232	11:29	8/20/2020	10:04
NVA-594	8/19/2020	232	12:26	8/20/2020	10:27
NVA-595	8/19/2020	232	15:29	8/20/2020	13:24
NVA-596	8/19/2020	232	15:29	N/A	N/A
NVA-597	8/18/2020	231	18:16	8/19/2020	16:16
NVA-598	8/18/2020	231	15:10	8/19/2020	13:02

NVA-599	8/18/2020	231	14:23	8/19/2020	12:23
NVA-600	8/18/2020	231	13:13	8/19/2020	10:34
NVA-601	8/17/2020	230	13:19	N/A	N/A
NVA-602	8/17/2020	230	12:25	8/18/2020	12:04
NVA-603	8/19/2020	232	11:30	N/A	N/A
NVA-604	9/12/2020	256	10:29	9/13/2020	9:56
NVA-605	9/13/2020	257	16:41	N/A	N/A
NVA-606	9/18/2020	231	11:57	9/19/2020	11:03
NVA-607	9/18/2020	231	13:45	9/19/2020	12:08
NVA-608	10/4/2020	278	11:56	10/5/2020	10:41
NVA-609	10/2/2020	276	14:47	10/3/2020	13:02
NVA-610	9/29/2020	273	17:00	N/A	N/A
NVA-611	7/30/2020	212	14:46	N/A	N/A
NVA-612	7/29/2020	211	17:19	10/8/2020	16:54
NVA-613	7/27/2020	209	14:54	N/A	N/A
NVA-614	9/29/2020	273	12:43	N/A	N/A
NVA-615	10/2/2020	276	16:14	10/3/2020	14:14
NVA-616	9/20/2020	264	14:18	9/21/2020	12:55
NVA-617	9/18/2020	262	13:10	N/A	N/A
NVA-618	9/12/2020	256	11:44	N/A	N/A
NVA-619	9/10/2020	254	15:47	9/11/2020	13:27
NVA-620	9/10/2020	254	17:00	N/A	N/A
NVA-621	8/29/2020	242	20:28	N/A	N/A
NVA-622	8/29/2020	242	16:20	N/A	N/A
NVA-623	8/29/2020	242	14:23	N/A	N/A
NVA-624	8/26/2020	239	11:03	8/27/2020	9:59
NVA-625	8/26/2020	239	13:26	8/26/2020	13:23
NVA-626	8/26/2020	239	14:14	8/26/2020	14:12
NVA-627	8/29/2020	242	14:40	N/A	N/A
NVA-628	8/26/2020	239	22:37	8/27/2020	12:22
NVA-629	8/27/2020	240	10:40	N/A	N/A
NVA-630	8/26/2020	239	16:56	N/A	N/A
NVA-631	8/26/2020	239	13:20	N/A	N/A
NVA-632	8/26/2020	239	11:38	8/27/2020	12:36
NVA-633	8/29/2020	242	12:07	N/A	N/A
NVA-634	8/28/2020	241	12:01	8/28/2020	11:58
NVA-635	8/28/2020	241	10:28	N/A	N/A
NVA-636	8/27/2020	240	15:13	N/A	N/A
NVA-637	8/27/2020	240	11:56	N/A	N/A
NVA-638	8/29/2020	242	11:32	N/A	N/A

NVA-639	8/29/2020	242	17:38	N/A	N/A
NVA-640	8/29/2020	242	19:36	N/A	N/A
NVA-641	8/27/2020	240	11:00	8/27/2020	10:56
NVA-642	8/27/2020	240	13:34	8/27/2020	13:31
NVA-643	8/27/2020	240	17:01	8/27/2020	16:59
NVA-644	8/28/2020	241	13:33	8/28/2020	13:30
NVA-645	8/29/2020	242	17:20	N/A	N/A
NVA-646	8/27/2020	240	12:52	N/A	N/A
NVA-647	8/27/2020	240	13:46	8/28/2020	11:22
NVA-648	8/28/2020	241	16:10	N/A	N/A
NVA-649	8/28/2020	241	14:33	N/A	N/A
NVA-650	8/27/2020	240	14:22	8/28/2020	23:39
NVA-651	9/13/2020	257	14:31	N/A	N/A
NVA-652	9/10/2020	254	14:28	9/11/2020	10:00
NVA-653	9/20/2020	264	13:29	9/21/2020	12:26
NVA-654	9/20/2020	264	12:03	9/21/2020	23:18
NVA-655	9/20/2020	264	14:50	9/21/2020	13:16
NVA-656	9/29/2020	273	11:34	10/1/2020	17:20
NVA-657	9/29/2020	273	11:58	10/1/2020	17:43
NVA-658	9/27/2020	271	17:40	9/29/2020	10:46
NVA-659	9/11/2020	255	15:42	9/12/2020	12:39
NVA-660	9/20/2020	264	10:19	9/21/2020	9:54
NVA-661	9/12/2020	256	13:00	9/13/2020	11:49
NVA-662	9/16/2020	260	13:26	9/11/2020	13:00
NVA-663	9/13/2020	257	12:04	9/14/2020	12:18
NVA-664	9/13/2020	257	10:18	N/A	N/A
NVA-665	9/13/2020	257	10:02	N/A	N/A
NVA-666	9/10/2020	254	12:25	9/11/2020	13:00
NVA-667	9/12/2020	256	14:06	9/13/2020	12:37
NVA-668	9/12/2020	256	14:38	9/13/2020	13:03
NVA-669	9/11/2020	255	13:31	9/12/2020	16:54
NVA-670	9/26/2020	270	17:52	9/27/2020	16:13
NVA-671	9/26/2020	270	15:37	9/27/2020	14:36
NVA-672	9/12/2020	256	17:12	N/A	N/A
NVA-673	9/12/2020	256	16:15	N/A	N/A
NVA-674	9/8/2020	252	16:32	9/9/2020	14:35
NVA-675	9/8/2020	252	15:59	9/9/2020	12:32
NVA-676	9/14/2020	258	10:50	N/A	N/A
NVA-677	9/8/2020	252	15:45	9/9/2020	12:18
NVA-678	9/12/2020	256	17:22	9/13/2020	15:03

NVA-679	9/11/2020	255	11:13	9/12/2020	14:44
NVA-680	9/14/2020	258	17:31	N/A	N/A
NVA-681	9/26/2020	270	13:20	9/27/2020	12:58
NVA-682	9/25/2020	269	13:13	N/A	N/A
NVA-683	9/25/2020	269	14:54	N/A	N/A
NVA-684	9/26/2020	270	11:03	9/27/2020	11:19
NVA-685	9/14/2020	258	15:16	9/15/2020	15:00
NVA-686	9/14/2020	258	14:08	N/A	N/A
NVA-687	9/8/2020	252	14:14	9/9/2020	11:19
NVA-688	9/8/2020	252	12:52	9/9/2020	9:52
NVA-689	9/15/2020	252	12:17	9/21/2020	11:57
NVA-690	9/15/2020	252	14:56	N/A	N/A
NVA-691	9/15/2020	252	17:17	N/A	N/A
NVA-692	9/15/2020	252	18:59	N/A	N/A
NVA-693	9/16/2020	253	15:42	9/17/2020	10:14
NVA-694	9/16/2020	253	13:20	9/17/2020	10:55
NVA-695	9/16/2020	253	10:40	9/17/2020	13:13
NVA-696	9/23/2020	267	15:38	N/A	N/A
NVA-697	9/6/2020	250	14:22	N/A	N/A
NVA-698	9/3/2020	247	12:37	N/A	N/A
NVA-699	9/3/2020	247	10:34	N/A	N/A
NVA-700	9/3/2020	247	9:15	N/A	N/A
NVA-701	9/2/2020	246	13:19	9/5/2020	10:54
NVA-702	9/4/2020	248	15:19	N/A	N/A
NVA-703	9/4/2020	248	13:44	9/5/2020	9:39
NVA-704	9/2/2020	248	15:05	N/A	N/A
NVA-705	9/2/2020	248	16:07	N/A	N/A
NVA-706	9/2/2020	248	10:45	9/3/2020	11:30
NVA-707	9/1/2020	245	15:48	9/5/2020	12:35
NVA-708	9/1/2020	245	11:35	N/A	N/A
NVA-709	9/1/2020	245	10:45	9/5/2020	13:07
NVA-710	9/1/2020	245	9:29	9/5/2020	14:09
NVA-711	9/1/2020	245	8:46	9/5/2020	14:47
NVA-712	9/1/2020	245	14:21	N/A	N/A
NVA-713	9/3/2020	247	14:22	N/A	N/A
NVA-714	9/3/2020	247	15:22	N/A	N/A
NVA-715	9/6/2020	250	12:00	N/A	N/A
VVA-1	11/23/2019	328	17:06	11/23/2019	17:14
VVA-2	11/23/2019	328	14:44	11/23/2019	14:48
VVA-3	11/22/2019	327	17:21	11/22/2019	17:25

VVA-4	11/22/2019	327	16:40	11/22/2019	16:44
VVA-5	1/9/2020	9	10:44	1/9/2020	10:48
VVA-6	1/9/2020	9	12:20	1/9/2020	12:24
VVA-7	11/24/2019	329	15:57	11/24/2019	16:01
VVA-8	1/7/2020	7	16:43	1/7/2020	16:50
VVA-9	7/18/2020	200	16:14	7/19/2020	10:44
VVA-10	7/18/2020	200	10:43	7/18/2020	11:00
VVA-11	7/16/2020	198	10:15	N/A	N/A
VVA-12	1/16/2020	16	10:25	1/16/2020	11:00
VVA-13	1/18/2020	20	11:09	N/A	N/A
VVA-14	1/8/2020	8	14:04	1/14/2020	12:32
VVA-15	1/8/2020	8	12:45	1/8/2020	12:49
VVA-16	1/8/2020	8	15:09	1/8/2020	15:13
VVA-17	1/8/2020	8	11:35	1/12/2020	13:29
VVA-18	1/8/2020	8	10:51	1/12/2020	13:09
VVA-19	1/8/2020	8	17:05	1/11/2020	16:19
VVA-20	1/8/2020	8	16:13	1/12/2020	14:46
VVA-21	1/8/2020	8	15:34	1/8/2020	15:38
VVA-22	1/11/2020	11	14:34	1/11/2020	14:38
VVA-23	1/11/2020	11	15:00	N/A	N/A
VVA-24	1/11/2020	11	13:44	1/12/2020	16:54
VVA-25	1/11/2020	11	10:20	1/11/2020	10:25
VVA-26	1/11/2020	11	11:04	1/14/2020	16:34
VVA-27	1/11/2020	11	11:55	1/11/2020	12:10
VVA-28	1/11/2020	11	13:20	1/20/2020	17:10
VVA-29	7/18/2020	200	16:14	N/A	N/A
VVA-30	1/11/2020	11	12:35	1/12/2020	17:30
VVA-31	7/13/2020	195	14:13	N/A	N/A
VVA-32	7/13/20	195	15:01	N/A	N/A
VVA-33	1/13/2020	13	12:46	1/13/2020	12:55
VVA-34	1/13/2020	13	10:43	1/13/2020	10:47
VVA-35	1/18/2020	18	10:32	1/18/2020	10:36
VVA-36	1/16/2020	16	12:10	1/18/2020	13:18
VVA-37	1/16/2020	16	13:20	N/A	N/A
VVA-38	7/16/2020	198	10:45	7/18/2020	10:10
VVA-39	7/16/2020	198	12:14	N/A	N/A
VVA-40	7/18/2020	200	15:42	7/20/2020	10:24
VVA-41	7/18/2020	200	14:57	N/A	N/A
VVA-42	7/18/2020	200	12:11	N/A	N/A
VVA-43	1/22/2020	22	10:29	1/24/2020	15:17

VVA-44	1/17/2020	17	13:51	1/22/2020	9:59
VVA-45	1/15/2020	15	17:24	1/16/2020	15:54
VVA-46	1/15/2020	15	13:03	1/18/2020	14:44
VVA-47	1/13/2020	13	17:04	1/13/2020	17:08
VVA-48	1/13/2020	13	15:38	1/13/2020	15:42
VVA-49	7/13/2020	195	16:38	N/A	N/A
VVA-50	7/14/2020	196	10:54	N/A	N/A
VVA-51	7/14/2020	196	16:54	N/A	N/A
VVA-52	7/14/2020	196	14:07	N/A	N/A
VVA-53	7/15/2020	197	11:51	N/A	N/A
VVA-54	7/19/2020	201	12:45	N/A	N/A
VVA-55	1/15/2020	15	13:36	1/18/2020	15:35
VVA-56	1/15/2020	15	14:39	1/18/2020	16:22
VVA-57	1/18/2020	18	17:11	1/18/2020	17:15
VVA-58	1/22/2020	22	17:13	N/A	N/A
VVA-59	1/22/2020	22	12:29	N/A	N/A
VVA-60	1/22/2020	22	15:16	N/A	N/A
VVA-61	1/24/2020	24	10:58	1/26/2020	14:00
VVA-62	1/25/2020	25	10:56	N/A	N/A
VVA-63	1/25/2020	25	17:33	N/A	N/A
VVA-64	1/23/2020	23	11:59	N/A	N/A
VVA-65	1/20/2020	20	17:13	N/A	N/A
VVA-66	1/20/2020	20	12:48	N/A	N/A
VVA-67	7/19/2020	201	16:40	7/20/2020	13:02
VVA-68	7/15/2020	197	14:52	9/3/2020	12:33
VVA-69	9/8/2020	252	13:43	N/A	N/A
VVA-70	9/7/2020	251	11:50	9/8/2020	17:20
VVA-71	7/14/2020	196	16:11	N/A	N/A
VVA-72	7/13/2020	195	17:26	7/14/2020	11:46
VVA-73	7/15/2020	197	12:22	9/3/2020	13:50
VVA-74	7/19/2020	201	13:20	N/A	N/A
VVA-75	1/21/2020	21	11:09	N/A	N/A
VVA-76	1/20/2020	20	15:29	N/A	N/A
VVA-77	1/23/2020	23	15:25	N/A	N/A
VVA-78	1/23/2020	23	16:30	N/A	N/A
VVA-79	1/26/2020	26	12:05	1/26/2020	12:12
VVA-80	1/27/2020	27	10:22	1/28/2020	12:55
VVA-81	1/27/2020	27	11:19	1/28/2020	13:24
VVA-82	1/22/2020	22	15:42	N/A	N/A
VVA-83	1/25/2020	25	12:13	N/A	N/A

VVA-84	1/21/2020	21	12:00	N/A	N/A
VVA-85	8/29/2020	242	16:36	N/A	N/A
VVA-86	9/9/2020	253	17:03	N/A	N/A
VVA-87	9/10/2020	254	16:51	N/A	N/A
VVA-88	9/12/2020	256	19:34	N/A	N/A
VVA-89	9/13/2020	257	15:26	9/13/2020	19:50
VVA-90	8/30/2020	243	14:42	N/A	N/A
VVA-91	8/30/2020	243	13:55	N/A	N/A
VVA-92	9/1/2020	245	12:21	N/A	N/A
VVA-93	1/29/2020	29	12:50	N/A	N/A
VVA-94	1/29/2020	29	14:34	N/A	N/A
VVA-95	1/27/2020	27	16:52	N/A	N/A
VVA-96	1/27/2020	27	15:05	N/A	N/A
VVA-97	1/27/2020	27	15:36	1/28/2020	16:37
VVA-98	2/18/2020	49	13:25	3/8/2020	14:56
VVA-99	2/18/2020	49	13:01	3/8/2020	15:14
VVA-100	7/25/2020	207	15:51	N/A	N/A
VVA-101	3/3/2020	63	14:14	N/A	N/A
VVA-102	3/2/2020	62	12:02	N/A	N/A
VVA-103	3/2/2020	62	11:31	N/A	N/A
VVA-104	3/2/2020	62	14:44	N/A	N/A
VVA-105	3/2/2020	62	16:04	N/A	N/A
VVA-106	3/2/2020	62	13:44	N/A	N/A
VVA-107	3/2/2020	62	10:24	N/A	N/A
VVA-108	2/28/2020	59	15:27	N/A	N/A
VVA-109	3/3/2020	63	12:45	N/A	N/A
VVA-110	7/25/2020	269	12:57	N/A	N/A
VVA-111	2/18/2020	49	16:12	3/8/2020	15:41
VVA-112	3/8/2020	68	12:32	3/8/2020	16:30
VVA-113	1/30/2020	30	13:37	N/A	N/A
VVA-114	7/25/2020	269	11:42	N/A	N/A
VVA-115	3/4/2020	64	10:50	N/A	N/A
VVA-116	3/3/2020	63	16:53	N/A	N/A
VVA-117	2/28/2020	59	16:57	N/A	N/A
VVA-118	7/23/2020	205	15:38	7/23/2020	15:42
VVA-119	2/27/2020	58	15:48	2/28/2020	14:33
VVA-120	3/2/2020	62	17:20	N/A	N/A
VVA-121	2/27/2020	58	14:22	2/28/2020	13:45
VVA-122	2/28/2020	59	16:35	3/2/2020	9:32
VVA-123	2/18/2020	49	17:01	3/4/2020	13:37

VVA-124	3/4/2020	64	12:24	3/5/2020	10:56
VVA-125	3/3/2020	63	10:49	3/4/2020	9:53
VVA-126	2/27/2020	58	10:04	N/A	N/A
VVA-127	3/1/2020	61	16:20	3/3/2020	10:11
VVA-128	3/4/2020	64	17:03	3/5/2020	11:58
VVA-129	3/4/2020	64	14:17	N/A	N/A
VVA-130	2/18/2020	49	10:52	N/A	N/A
VVA-131	1/30/2020	30	16:09	N/A	N/A
VVA-132	3/7/2020	67	16:17	N/A	N/A
VVA-133	3/7/2020	67	17:02	3/8/2020	17:23
VVA-134	3/4/2020	64	14:50	3/5/2020	13:10
VVA-135	3/5/2020	65	12:27	N/A	N/A
VVA-136	2/29/2020	60	14:54	3/1/2020	15:38
VVA-137	2/28/2020	59	11:55	N/A	N/A
VVA-138	2/27/2020	58	12:20	2/23/2020	12:57
VVA-139	7/27/2020	209	12:00	N/A	N/A
VVA-140	2/26/2020	57	16:38	N/A	N/A
VVA-141	2/29/2020	60	10:23	3/1/2020	10:54
VVA-142	2/29/2020	60	13:37	N/A	N/A
VVA-143	2/29/2020	60	16:10	3/1/2020	15:09
VVA-144	3/5/2020	65	14:33	N/A	N/A
VVA-145	3/5/2020	65	16:09	3/5/2020	10:06
VVA-146	3/7/2020	67	11:00	N/A	N/A
VVA-147	3/7/2020	67	15:45	N/A	N/A
VVA-148	3/7/2020	67	15:05	N/A	N/A
VVA-149	3/6/2020	66	11:46	3/6/2020	16:59
VVA-150	3/6/2020	66	11:12	N/A	N/A
VVA-151	3/6/2020	66	14:07	N/A	N/A
VVA-152	3/1/2020	61	14:43	N/A	N/A
VVA-153	3/1/2020	61	13:21	N/A	N/A
VVA-154	2/29/2020	60	12:34	N/A	N/A
VVA-155	2/26/2020	57	15:34	N/A	N/A
VVA-156	2/26/2020	57	14:38	N/A	N/A
VVA-157	2/29/2020	60	11:46	3/1/2020	11:40
VVA-158	3/1/2020	61	12:38	N/A	N/A
VVA-159	3/1/2020	61	14:02	N/A	N/A
VVA-160	3/6/2020	66	14:49	N/A	N/A
VVA-161	3/6/2020	66	15:45	N/A	N/A
VVA-162	3/6/2020	66	12:40	3/6/2020	16:46
VVA-163	3/7/2020	67	11:43	N/A	N/A

VVA-164	3/7/2020	67	14:08	3/9/2020	10:41
VVA-165	3/9/2020	69	11:54	N/A	N/A
VVA-166	3/9/2020	69	12:50	N/A	N/A
VVA-167	3/9/2020	69	14:31	N/A	N/A
VVA-168	3/6/2020	66	16:11	3/9/2020	18:08
VVA-169	3/9/2020	69	17:48	N/A	N/A
VVA-170	7/23/2020	205	13:07	7/23/2020	13:11
VVA-171	7/21/2020	203	15:16	N/A	N/A
VVA-172	7/22/2020	204	12:40	N/A	N/A
VVA-173	7/22/2020	204	13:30	N/A	N/A
VVA-174	7/25/2020	207	17:23	7/25/2020	17:26
VVA-175	7/25/2020	207	12:17	7/25/2020	12:20
VVA-176	7/25/2020	207	13:03	7/25/2020	13:06
VVA-177	7/25/2020	207	14:05	7/25/2020	14:08
VVA-178	7/21/2020	203	12:45	N/A	N/A
VVA-179	7/21/2020	203	11:29	7/22/2020	11:36
VVA-180	7/23/2020	205	10:45	N/A	N/A
VVA-181	3/10/2020	70	11:26	N/A	N/A
VVA-182	3/9/2020	69	17:12	N/A	N/A
VVA-183	3/9/2020	69	15:41	N/A	N/A
VVA-184	3/9/2020	69	13:25	N/A	N/A
VVA-185	3/9/2020	69	12:26	N/A	N/A
VVA-186	7/9/2020	191	14:12	N/A	N/A
VVA-187	7/19/2020	201	15:18	N/A	N/A
VVA-188	7/19/2020	201	15:45	7/20/2020	11:47
VVA-189	3/9/2020	69	16:30	3/10/2020	14:39
VVA-190	3/10/2020	70	14:05	N/A	N/A
VVA-191	3/10/2020	70	12:47	N/A	N/A
VVA-192	7/21/2020	203	10:27	7/22/2020	10:52
VVA-193	7/21/2020	203	13:30	N/A	N/A
VVA-194	7/20/2020	202	18:00	7/21/2020	10:55
VVA-195	7/20/2020	202	17:03	7/21/2020	12:15
VVA-196	7/19/2020	201	12:49	7/20/2020	11:02
VVA-197	7/18/2020	200	17:06	7/19/2020	11:17
VVA-198	7/22/2020	204	12:26	N/A	N/A
VVA-199	7/19/2020	201	11:48	N/A	N/A
VVA-200	7/22/2020	204	15:20	N/A	N/A
VVA-201	7/21/2020	203	15:18	7/22/2020	10:30
VVA-202	7/20/2020	202	15:47	7/20/2020	15:50
VVA-203	7/27/2020	209	15:30	N/A	N/A

VVA-204	7/27/2020	209	16:28	N/A	N/A
VVA-205	7/27/2020	209	18:05	7/28/2020	22:44
VVA-206	8/6/2020	219	16:01	N/A	N/A
VVA-207	8/6/2020	219	14:06	N/A	N/A
VVA-208	8/2/2020	215	9:05	8/7/2020	10:19
VVA-209	8/6/2020	219	19:11	8/7/2020	12:07
VVA-210	8/3/2020	216	15:03	8/5/2020	13:21
VVA-211	8/3/2020	216	15:42	8/5/2020	13:36
VVA-212	8/3/2020	216	16:40	8/4/2020	17:18
VVA-213	8/3/2020	216	17:23	8/4/2020	17:52
VVA-214	8/1/2020	214	16:43	8/2/2020	9:10
VVA-215	8/2/2020	215	10:11	8/4/2020	13:06
VVA-216	8/2/2020	215	13:07	8/4/2020	12:26
VVA-217	8/2/2020	215	14:27	N/A	N/A
VVA-218	8/5/2020	218	15:10	N/A	N/A
VVA-219	8/5/2020	218	15:54	N/A	N/A
VVA-220	8/6/2020	219	18:00	N/A	N/A
VVA-221	8/1/2020	214	15:07	N/A	N/A
VVA-222	8/3/2020	216	9:09	8/5/2020	9:18
VVA-223	8/3/2020	216	12:15	8/5/2020	12:04
VVA-224	8/3/2020	216	13:22	8/7/2020	13:19
VVA-225	8/2/2020	215	15:41	N/A	N/A
VVA-226	8/2/2020	215	11:43	N/A	N/A
VVA-227	8/2/2020	215	17:32	N/A	N/A
VVA-228	7/31/2020	213	13:38	8/1/2020	13:08
VVA-229	8/3/2020	216	11:15	8/5/2020	10:00
VVA-230	8/1/2020	214	12:32	N/A	N/A
VVA-231	8/1/2020	214	10:26	N/A	N/A
VVA-232	8/6/2020	219	16:33	N/A	N/A
VVA-233	8/5/2020	218	13:18	8/7/2020	12:56
VVA-234	8/5/2020	218	11:55	8/7/2020	11:06
VVA-235	8/5/2020	218	10:40	8/7/2020	9:53
VVA-236	8/6/2020	219	10:23	N/A	N/A
VVA-237	8/6/2020	219	12:57	N/A	N/A
VVA-238	7/31/2020	213	11:06	N/A	N/A
VVA-239	7/31/2020	213	17:56	7/31/2020	18:20
VVA-240	8/9/2020	222	9:58	8/9/2020	10:15
VVA-241	7/31/2020	213	14:20	8/1/2020	14:37
VVA-242	7/31/2020	213	11:47	8/1/2020	11:51
VVA-243	7/31/2020	213	10:08	8/1/2020	10:42

VVA-244	7/31/2020	213	15:09	8/1/2020	15:10
VVA-245	8/9/2020	222	22:30	8/9/2020	22:45
VVA-246	7/31/2020	213	16:06	7/31/2020	16:20
VVA-247	7/31/2020	213	9:58	N/A	N/A
VVA-248	8/6/2020	219	11:58	N/A	N/A
VVA-249	7/31/2020	213	9:10	7/31/2020	15:25
VVA-250	7/27/2020	209	12:31	7/27/2020	12:45
VVA-251	7/26/2020	208	10:06	7/27/2020	8:59
VVA-252	7/25/2020	207	9:21	7/26/2020	8:40
VVA-253	7/29/2020	211	6:14	7/30/2020	8:30
VVA-254	7/30/2020	212	18:30	7/31/2020	9:16
VVA-255	7/30/2020	212	17:42	7/31/2020	8:43
VVA-256	7/29/2020	211	7:50	7/30/2020	9:50
VVA-257	7/29/2020	211	6:54	7/30/2020	9:00
VVA-258	7/29/2020	211	7:24	N/A	N/A
VVA-259	7/24/2020	206	11:02	7/24/2020	11:05
VVA-260	7/25/2020	207	15:32	7/26/2020	11:22
VVA-261	7/26/2020	208	16:02	7/26/2020	16:20
VVA-262	7/26/2020	208	14:36	7/27/2020	10:21
VVA-263	7/25/2020	207	16:25	7/26/2020	11:58
VVA-264	7/30/2020	212	15:22	8/1/2020	8:36
VVA-265	7/30/2020	212	12:25	N/A	N/A
VVA-266	7/30/2020	212	13:27	N/A	N/A
VVA-267	7/30/2020	212	11:54	7/30/2020	17:07
VVA-268	7/29/2020	211	8:40	7/30/2020	10:37
VVA-269	7/29/2020	211	10:58	N/A	N/A
VVA-270	7/30/2020	212	12:23	N/A	N/A
VVA-271	7/29/2020	211	9:46	N/A	N/A
VVA-272	7/28/2020	210	17:06	N/A	N/A
VVA-273	7/30/2020	212	16:05	8/1/2020	9:10
VVA-274	7/26/2020	208	12:57	7/27/2020	13:37
VVA-275	7/24/2020	206	17:42	7/27/2020	13:37
VVA-276	7/24/2020	206	19:26	7/25/2020	10:35
VVA-277	7/27/2020	209	16:00	7/28/2020	9:02
VVA-278	7/28/2020	210	10:52	N/A	N/A
VVA-279	7/29/2020	211	11:22	N/A	N/A
VVA-280	7/29/2020	211	12:52	7/30/2020	13:43
VVA-281	7/29/2020	211	13:27	N/A	N/A
VVA-282	7/29/2020	211	19:26	N/A	N/A
VVA-283	7/29/2020	211	13:24	N/A	N/A

VVA-284	7/29/2020	211	16:20	7/30/2020	9:42
VVA-285	7/26/2020	208	9:20	N/A	N/A
VVA-286	7/24/2020	206	15:55	7/24/2020	16:10
VVA-287	7/24/2020	206	13:38	N/A	N/A
VVA-288	7/25/2020	207	12:15	7/25/2020	12:30
VVA-289	7/26/2020	208	10:45	7/27/2020	7:14
VVA-290	7/28/2020	210	14:05	N/A	N/A
VVA-291	7/29/2020	211	17:50	N/A	N/A
VVA-292	7/29/2020	211	16:30	7/30/2020	14:30
VVA-293	7/28/2020	210	11:30	7/28/2020	11:45
VVA-294	7/29/2020	211	17:46	7/30/2020	15:30
VVA-295	7/28/2020	210	14:19	N/A	N/A
VVA-296	7/28/2020	210	16:05	7/28/2020	16:15
VVA-297	7/25/2020	207	17:50	7/25/2020	18:10
VVA-298	7/26/2020	208	11:28	7/26/2020	11:45
VVA-299	7/26/2020	208	14:15	N/A	N/A
VVA-300	7/26/2020	208	16:05	7/27/2020	7:49
VVA-301	7/12/2020	196	20:28	N/A	N/A
VVA-302	7/12/2020	196	19:39	N/A	N/A
VVA-303	7/12/2020	196	15:31	N/A	N/A
VVA-304	7/12/2020	196	11:50	N/A	N/A
VVA-305	7/12/2020	196	13:43	N/A	N/A
VVA-306	7/12/2020	196	17:01	N/A	N/A
VVA-307	7/12/2020	196	19:42	N/A	N/A
VVA-308	7/12/2020	196	18:10	N/A	N/A
VVA-309	7/26/2020	208	8:40	N/A	N/A
VVA-310	7/26/2020	208	12:00	N/A	N/A
VVA-311	7/27/2020	209	14:24	7/28/2020	9:07
VVA-312	7/27/2020	209	14:59	7/28/2020	9:40
VVA-313	7/27/2020	209	16:09	7/27/2020	16:15
VVA-314	7/27/2020	209	16:54	7/27/2020	17:15
VVA-315	8/12/2020	225	15:26	8/14/2020	9:46
VVA-316	8/12/2020	225	9:41	N/A	N/A
VVA-317	8/12/2020	225	3:23	8/11/2020	10:05
VVA-318	8/10/2020	223	3:43	8/11/2020	15:33
VVA-319	8/10/2020	223	16:09	8/11/2020	16:00
VVA-320	8/21/2020	234	11:15	8/24/2020	9:56
VVA-321	8/21/2020	234	11:41	8/24/2020	10:17
VVA-322	8/21/2020	234	12:04	8/24/2020	10:32
VVA-323	7/30/2020	212	11:53	N/A	N/A

VVA-324	8/21/2020	234	15:53	N/A	N/A
VVA-325	8/24/2020	237	14:19	8/24/2020	14:40
VVA-326	8/21/2020	234	13:55	8/24/2020	11:00
VVA-327	8/10/2020	223	13:09	8/11/2020	12:44
VVA-328	8/10/2020	223	11:54	8/11/2020	11:40
VVA-329	8/10/2020	223	14:37	8/11/2020	14:51
VVA-330	8/10/2020	223	8:47	8/11/2020	9:59
VVA-331	8/10/2020	223	8:38	8/11/2020	10:50
VVA-332	8/10/2020	223	14:49	N/A	N/A
VVA-333	8/12/2020	225	12:51	N/A	N/A
VVA-334	8/12/2020	225	14:37	8/13/2020	10:44
VVA-335	8/12/2020	225	16:00	8/13/2020	11:00
VVA-336	8/13/2020	226	12:22	8/14/2020	11:09
VVA-337	8/12/2020	225	14:15	8/13/2020	10:28
VVA-338	8/12/2020	225	13:31	8/13/2020	9:26
VVA-339	8/10/2020	223	9:40	8/11/2020	13:34
VVA-340	8/17/2020	230	10:12	8/18/2020	11:46
VVA-341	8/12/2020	225	9:25	8/13/2020	21:32
VVA-342	8/14/2020	227	10:52	8/15/2020	10:04
VVA-343	8/14/2020	227	12:33	8/15/2020	11:22
VVA-344	8/12/2020	225	15:27	8/13/2020	15:28
VVA-345	8/12/2020	225	14:57	8/13/2020	14:59
VVA-346	8/24/2020	237	12:26	N/A	N/A
VVA-347	8/24/2020	237	15:20	N/A	N/A
VVA-348	7/30/2020	212	11:07	N/A	N/A
VVA-349	7/29/2020	211	9:57	N/A	N/A
VVA-350	7/29/2020	211	11:24	N/A	N/A
VVA-351	8/22/2020	235	11:22	N/A	N/A
VVA-352	7/29/2020	211	13:02	N/A	N/A
VVA-353	7/30/2020	212	16:35	N/A	N/A
VVA-354	8/22/2020	235	16:32	8/22/2020	16:50
VVA-355	8/22/2020	235	18:52	N/A	N/A
VVA-356	8/22/2020	235	9:17	N/A	N/A
VVA-357	9/30/2020	274	11:12	10/1/2020	12:16
VVA-358	7/29/2020	211	14:46	7/30/2020	14:16
VVA-359	8/1/2020	213	13:47	8/2/2020	16:39
VVA-360	8/25/2020	238	15:21	N/A	N/A
VVA-361	8/25/2020	238	12:31	N/A	N/A
VVA-362	8/20/2020	233	17:15	N/A	N/A
VVA-363	8/12/2020	225	13:24	8/13/2020	13:08

VVA-364	8/14/2020	227	14:35	8/15/2020	14:11
VVA-365	8/12/2020	225	10:32	8/13/2020	10:20
VVA-366	8/17/2020	230	13:57	8/18/2020	13:49
VVA-367	8/17/2020	230	15:48	8/18/2020	15:27
VVA-368	8/10/2020	223	11:09	8/11/2020	14:32
VVA-369	8/13/2020	226	15:25	8/14/2020	14:16
VVA-370	8/14/2020	227	14:59	N/A	N/A
VVA-371	8/10/2020	223	12:50	8/11/2020	15:19
VVA-372	8/19/2020	232	16:43	8/20/2020	11:18
VVA-373	8/18/2020	231	17:52	8/19/2020	15:55
VVA-374	8/18/2020	231	16:23	8/19/2020	14:01
VVA-375	8/18/2020	231	12:40	8/19/2020	9:54
VVA-376	8/17/2020	230	10:54	8/17/2020	11:15
VVA-377	8/20/2020	233	12:13	N/A	N/A
VVA-378	8/25/2020	238	14:54	N/A	N/A
VVA-379	8/25/2020	238	18:53	N/A	N/A
VVA-380	7/29/2020	211	14:46	N/A	N/A
VVA-381	8/1/2020	213	13:47	N/A	N/A
VVA-382	10/2/2020	276	11:29	10/3/2020	11:19
VVA-383	8/22/2020	235	20:20	N/A	N/A
VVA-384	8/22/2020	235	17:00	N/A	N/A
VVA-385	8/22/2020	235	11:19	8/22/2020	11:35
VVA-386	8/22/2020	235	9:19	8/22/2020	9:40
VVA-387	8/22/2020	235	18:20	8/22/2020	18:40
VVA-388	10/2/2020	276	13:29	10/3/2020	12:29
VVA-389	9/30/2020	274	14:38	10/1/2020	14:49
VVA-390	10/4/2020	278	11:36	N/A	N/A
VVA-391	9/18/2020	262	15:41	N/A	N/A
VVA-392	8/25/2020	238	17:57	N/A	N/A
VVA-393	8/20/2020	233	14:52	N/A	N/A
VVA-394	8/17/2020	230	14:12	N/A	N/A
VVA-395	8/18/2020	231	13:46	8/19/2020	11:04
VVA-396	8/18/2020	231	14:52	8/19/2020	12:48
VVA-397	8/19/2020	232	15:06	8/20/2020	13:41
VVA-398	8/19/2020	232	13:15	8/20/2020	10:44
VVA-399	8/15/2020	228	17:40	N/A	N/A
VVA-400	8/15/2020	228	15:03	N/A	N/A
VVA-401	8/15/2020	228	13:05	N/A	N/A
VVA-402	8/26/2020	239	15:36	N/A	N/A
VVA-403	8/27/2020	240	11:27	N/A	N/A

VVA-404	8/26/2020	239	11:05	N/A	N/A
VVA-405	8/29/2020	242	12:41	8/29/2020	10:37
VVA-406	8/29/2020	242	13:40	8/29/2020	13:38
VVA-407	8/26/2020	239	15:48	8/26/2020	15:44
VVA-408	8/26/2020	239	12:30	8/26/2020	10;28
VVA-409	8/29/2020	242	15:19	N/A	N/A
VVA-410	8/29/2020	242	17:01	N/A	N/A
VVA-411	9/7/2020	251	17:22	N/A	N/A
VVA-412	9/10/2020	254	16:04	9/11/2020	13:38
VVA-413	9/13/2020	257	17:31	N/A	N/A
VVA-414	9/18/2020	262	12:14	9/19/2020	11:15
VVA-415	9/18/2020	262	13:28	9/19/2020	11:57
VVA-416	10/4/2020	278	12:14	N/A	N/A
VVA-417	10/2/2020	276	15:28	10/3/2020	13:37
VVA-418	9/29/2020	273	15:20	N/A	N/A
VVA-419	9/29/2020	273	12:14	N/A	N/A
VVA-420	10/2/2020	276	16:59	10/3/2020	14:37
VVA-421	9/20/2020	264	14:34	9/21/2020	13:05
VVA-422	9/20/2020	264	12:22	N/A	N/A
VVA-423	9/10/2020	254	14:51	9/11/2020	12:38
VVA-424	9/13/2020	257	12:48	N/A	N/A
VVA-425	8/29/2020	242	18:55	N/A	N/A
VVA-426	8/29/2020	242	12:48	N/A	N/A
VVA-427	8/27/2020	240	22:23	8/29/2020	10:49
VVA-428	8/27/2020	240	12:49	8/24/2020	13:10
VVA-429	8/27/2020	240	16:14	N/A	N/A
VVA-430	8/28/2020	241	12:47	8/28/2020	10:42
VVA-431	8/28/2020	241	15:00	N/A	N/A
VVA-432	8/26/2020	239	12:02	N/A	N/A
VVA-433	8/26/2020	239	14:03	N/A	N/A
VVA-434	8/27/2020	240	15:33	N/A	N/A
VVA-435	8/27/2020	240	13:29	N/A	N/A
VVA-436	8/29/2020	242	16:39	N/A	N/A
VVA-437	8/28/2020	241	15:37	N/A	N/A
VVA-438	8/28/2020	241	13:58	N/A	N/A
VVA-439	8/28/2020	241	12:09	N/A	N/A
VVA-440	9/13/2020	257	9:40	N/A	N/A
VVA-441	9/10/2020	254	13:11	9/11/2020	11:48
VVA-442	9/12/2020	256	13:48	9/13/2020	12:24
VVA-443	9/20/2020	264	10:51	N/A	N/A

VVA-444	9/27/2020	271	16:54	9/29/2020	10:03
VVA-445	9/11/2020	255	13:45	9/12/2020	13:19
VVA-446	9/12/2020	256	15:01	9/13/2020	13:18
VVA-447	9/10/2020	254	11:28	9/11/2020	10:24
VVA-448	9/14/2020	258	10:00	N/A	N/A
VVA-449	9/12/2020	256	16:59	9/13/2020	14:48
VVA-450	9/11/2020	255	12:24	9/12/2020	14:09
VVA-451	9/26/2020	270	16:21	9/27/2020	15:11
VVA-452	9/26/2020	270	14:53	9/27/2020	14:04
VVA-453	9/25/2020	269	11:20	N/A	N/A
VVA-454	9/14/2020	258	16:40	N/A	N/A
VVA-455	9/11/2020	255	10:15	9/12/2020	16:31
VVA-456	9/8/2020	252	15:05	9/8/2020	15:20
VVA-457	9/14/2020	258	11:45	N/A	N/A
VVA-458	9/14/2020	258	12:46	N/A	N/A
VVA-459	9/8/2020	252	13:53	9/9/2020	11:00
VVA-460	9/11/2020	255	9:59	9/12/2020	16:18
VVA-461	9/14/2020	258	15:42	9/15/2020	10:31
VVA-462	9/26/2020	270	11:49	9/27/2020	11:52
VVA-463	9/15/2020	259	11:14	N/A	N/A
VVA-464	9/25/2020	269	17:09	N/A	N/A
VVA-465	9/25/2020	269	15:58	N/A	N/A
VVA-466	9/16/2020	260	12:27	N/A	N/A
VVA-467	9/23/2020	267	16:34	N/A	N/A
VVA-468	9/15/2020	259	15:42	N/A	N/A
VVA-469	9/15/2020	259	18:01	N/A	N/A
VVA-470	9/16/2020	260	16:43	9/17/2020	14:44
VVA-471	9/15/2020	259	12:44	N/A	N/A
VVA-472	9/4/2020	248	13:27	9/5/2020	9:07
VVA-473	9/8/2020	252	13:15	9/9/2020	10:22
VVA-474	9/4/2020	248	12:44	N/A	N/A
VVA-475	9/4/2020	248	11:43	9/5/2020	10:04
VVA-476	9/2/2020	246	13:59	N/A	N/A
VVA-477	9/3/2020	247	11:54	N/A	N/A
VVA-478	9/16/2020	260	14:06	N/A	N/A
VVA-479	9/6/2020	250	12:54	N/A	N/A
VVA-480	9/6/2020	250	15:15	N/A	N/A
VVA-481	9/23/2020	267	13:01	N/A	N/A
VVA-482	9/3/2020	247	16:52	N/A	N/A
VVA-483	9/1/2020	245	13:35	N/A	N/A

VVA-484	9/1/2020	245	15:12	N/A	N/A
VVA-485	9/1/2020	245	8:07	N/A	N/A

5. POINT COMPARISON

Point ID	Point CK	Delta North (M)	Delta East (M)	Vertical Difference (M)
NVA				
NVA-001	NVA-001 CK	N/A	N/A	N/A
NVA-002	NVA-002 CK	N/A	N/A	N/A
NVA-003	NVA-003 CK	N/A	N/A	N/A
NVA-004	NVA-004 CK	-0.044	0.007	0.026
NVA-005	NVA-005 CK	N/A	N/A	N/A
NVA-006	NVA-006 CK	N/A	N/A	N/A
NVA-007	NVA-007 CK	N/A	N/A	N/A
NVA-008	NVA-008 CK	N/A	N/A	N/A
NVA-009	NVA-009 CK	N/A	N/A	N/A
NVA-010	NVA-010 CK	N/A	N/A	N/A
NVA-011	NVA-011 CK	N/A	N/A	N/A
NVA-012	NVA-012 CK	-0.008	-0.004	0.024
NVA-013	NVA-013 CK	N/A	N/A	N/A
NVA-014	NVA-014 CK	0.009	0.007	-0.033
NVA-015	NVA-015 CK	N/A	N/A	N/A
NVA-016	NVA-016 CK	N/A	N/A	N/A
NVA-017	NVA-017 CK	N/A	N/A	N/A
NVA-018	NVA-018 CK	N/A	N/A	N/A
NVA-019	NVA-019 CK	N/A	N/A	N/A
NVA-020	NVA-020 CK	0.023	0.006	-0.036
NVA-021	NVA-021 CK	N/A	N/A	N/A
NVA-022	NVA-022 CK	N/A	N/A	N/A
NVA-023	NVA-023 CK	N/A	N/A	N/A
NVA-024	NVA-024 CK	-0.037	-0.004	0.003
NVA-025	NVA-025 CK	N/A	N/A	N/A
NVA-026	NVA-026 CK	N/A	N/A	N/A
NVA-027	NVA-027 CK	N/A	N/A	N/A
NVA-028	NVA-028 CK	N/A	N/A	N/A
NVA-029	NVA-029 CK	N/A	N/A	N/A
NVA-030	NVA-030 CK	N/A	N/A	N/A
NVA-031	NVA-031 CK	N/A	N/A	N/A
NVA-032	NVA-032 CK	N/A	N/A	N/A
NVA-033	NVA-033 CK	N/A	N/A	N/A
NVA-034	NVA-034 CK	N/A	N/A	N/A
NVA-035	NVA-035 CK	0.020	0.007	0.033
NVA-036	NVA-036 CK	-0.005	-0.011	0.002
NVA-037	NVA-037 CK	0.001	-0.001	0.037
NVA-038	NVA-038 CK	N/A	N/A	N/A
NVA-039	NVA-039 CK	N/A	N/A	N/A
NVA-040	NVA-040 CK	N/A	N/A	N/A
NVA-041	NVA-041 CK	N/A	N/A	N/A

NVA-042	NVA-042 CK	0.005	0.007	0.018
NVA-043	NVA-043 CK	N/A	N/A	N/A
NVA-044	NVA-044 CK	N/A	N/A	N/A
NVA-045	NVA-045 CK	0.013	-0.013	0.035
NVA-046	NVA-046 CK	0.024	-0.005	0.049
NVA-047	NVA-047 CK	-0.033	-0.012	-0.015
NVA-048	NVA-048 CK	N/A	N/A	N/A
NVA-049	NVA-049 CK	0.008	-0.006	0.047
NVA-050	NVA-050 CK	-0.011	-0.013	0.021
NVA-051	NVA-051 CK	N/A	N/A	N/A
NVA-052	NVA-052 CK	N/A	N/A	N/A
NVA-053	NVA-053 CK	N/A	N/A	N/A
NVA-054	NVA-054 CK	N/A	N/A	N/A
NVA-055	NVA-055 CK	N/A	N/A	N/A
NVA-056	NVA-056 CK	N/A	N/A	N/A
NVA-057	NVA-057 CK	-0.008	0.016	0.033
NVA-058	NVA-058 CK	-0.007	-0.003	0.016
NVA-059	NVA-059 CK	0.001	0.004	-0.005
NVA-060	NVA-060 CK	N/A	N/A	N/A
NVA-061	NVA-061 CK	N/A	N/A	N/A
NVA-062	NVA-062 CK	N/A	N/A	N/A
NVA-063	NVA-063 CK	N/A	N/A	N/A
NVA-064	NVA-064 CK	-0.005	-0.009	0.014
NVA-065	NVA-065 CK	-0.016	0.013	0.006
NVA-066	NVA-066 CK	-0.002	0.016	-0.016
NVA-067	NVA-067 CK	0.016	0.000	0.004
NVA-068	NVA-068 CK	N/A	N/A	N/A
NVA-069	NVA-069 CK	N/A	N/A	N/A
NVA-070	NVA-070 CK	-0.048	-0.015	-0.030
NVA-071	NVA-071 CK	N/A	N/A	N/A
NVA-072	NVA-072 CK	0.005	0.017	-0.009
NVA-073	NVA-073 CK	0.001	-0.008	0.013
NVA-074	NVA-074 CK	0.001	0.015	-0.022
NVA-075	NVA-075 CK	0.019	0.007	-0.031
NVA-076	NVA-076 CK	-0.018	0.015	0.018
NVA-077	NVA-077 CK	0.008	-0.008	0.017
NVA-078	NVA-078 CK	0.019	0.010	0.026
NVA-079	NVA-079 CK	N/A	N/A	N/A
NVA-080	NVA-080 CK	-0.024	-0.006	-0.027
NVA-081	NVA-081 CK	N/A	N/A	N/A
NVA-082	NVA-082 CK	0.032	-0.003	-0.004
NVA-083	NVA-083 CK	-0.007	0.012	-0.005
NVA-084	NVA-084 CK	-0.016	0.002	0.029

NVA-085	NVA-085 CK	N/A	N/A	N/A
NVA-086	NVA-086 CK	-0.027	0.012	0.009
NVA-087	NVA-087 CK	0.026	0.025	0.012
NVA-088	NVA-088 CK	0.007	0.004	-0.003
NVA-089	NVA-089 CK	0.021	-0.003	0.006
NVA-090	NVA-090 CK	-0.008	-0.008	-0.007
NVA-091	NVA-091 CK	0.004	-0.008	-0.019
NVA-092	NVA-092 CK	-0.002	-0.002	0.038
NVA-093	NVA-093 CK	-0.024	-0.018	-0.015
NVA-094	NVA-094 CK	0.010	-0.002	-0.014
NVA-095	NVA-095 CK	-0.005	-0.003	0.004
NVA-096	NVA-096 CK	N/A	N/A	N/A
NVA-097	NVA-097 CK	0.005	0.030	-0.018
NVA-098	NVA-098 CK	0.021	0.000	-0.021
NVA-099	NVA-099 CK	-0.013	0.001	0.041
NVA-100	NVA-100 CK	-0.039	0.007	0.010
NVA-101	NVA-101 CK	0.016	-0.008	-0.009
NVA-102	NVA-102 CK	-0.004	-0.004	-0.019
NVA-103	NVA-103 CK	0.006	0.008	0.005
NVA-104	NVA-104 CK	0.000	0.002	0.018
NVA-105	NVA-105 CK	0.008	0.003	-0.012
NVA-106	NVA-106 CK	0.005	0.006	0.008
NVA-107	NVA-107 CK	N/A	N/A	N/A
NVA-108	NVA-108 CK	N/A	N/A	N/A
NVA-109	NVA-109 CK	-0.002	0.004	-0.016
NVA-110	NVA-110 CK	N/A	N/A	N/A
NVA-111	NVA-111 CK	N/A	N/A	N/A
NVA-112	NVA-112 CK	0.010	0.000	0.026
NVA-113	NVA-113 CK	-0.001	-0.001	0.006
NVA-114	NVA-114 CK	-0.005	-0.003	0.019
NVA-115	NVA-115 CK	-0.003	0.007	-0.002
NVA-116	NVA-116 CK	0.004	-0.004	-0.008
NVA-117	NVA-117 CK	-0.045	-0.008	0.002
NVA-118	NVA-118 CK	0.027	0.004	-0.033
NVA-119	NVA-119 CK	0.005	0.006	0.000
NVA-120	NVA-120 CK	N/A	N/A	N/A
NVA-121	NVA-121 CK	-0.004	0.002	-0.019
NVA-122	NVA-122 CK	0.009	0.022	0.015
NVA-123	NVA-123 CK	-0.002	0.004	-0.009
NVA-124	NVA-124 CK	-0.002	0.010	0.006
NVA-125	NVA-125 CK	-0.006	-0.005	0.029
NVA-126	NVA-126 CK	0.001	0.012	-0.015
NVA-127	NVA-127 CK	N/A	N/A	N/A

NVA-128	NVA-128 CK	N/A	N/A	N/A
NVA-129	NVA-129 CK	0.008	-0.002	0.025
NVA-130	NVA-130 CK	N/A	N/A	N/A
NVA-131	NVA-131 CK	-0.006	-0.007	-0.024
NVA-132	NVA-132 CK	-0.011	-0.003	0.012
NVA-133	NVA-133 CK	-0.017	-0.008	0.001
NVA-134	NVA-134 CK	0.003	0.007	0.016
NVA-135	NVA-135 CK	-0.018	-0.004	-0.007
NVA-137	NVA-137 CK	-0.008	-0.007	0.016
NVA-138	NVA-138 CK	-0.001	-0.009	0.010
NVA-139	NVA-139 CK	N/A	N/A	N/A
NVA-140	NVA-140 CK	N/A	N/A	N/A
NVA-141	NVA-141 CK	N/A	N/A	N/A
NVA-142	NVA-142 CK	N/A	N/A	N/A
NVA-143	NVA-143 CK	N/A	N/A	N/A
NVA-144	NVA-144 CK	N/A	N/A	N/A
NVA-145	NVA-145 CK	N/A	N/A	N/A
NVA-146	NVA-146 CK	-0.008	-0.003	-0.006
NVA-147	NVA-147 CK	-0.014	0.014	-0.008
NVA-148	NVA-148 CK	N/A	N/A	N/A
NVA-149	NVA-149 CK	N/A	N/A	N/A
NVA-150	NVA-150 CK	N/A	N/A	N/A
NVA-151	NVA-151 CK	N/A	N/A	N/A
NVA-152	NVA-152 CK	N/A	N/A	N/A
NVA-153	NVA-153 CK	-0.006	-0.013	0.012
NVA-154	NVA-154 CK	N/A	N/A	N/A
NVA-155	NVA-155 CK	N/A	N/A	N/A
NVA-156	NVA-156 CK	N/A	N/A	N/A
NVA-157	NVA-157 CK	N/A	N/A	N/A
NVA-158	NVA-158 CK	N/A	N/A	N/A
NVA-159	NVA-159 CK	N/A	N/A	N/A
NVA-160	NVA-160 CK	N/A	N/A	N/A
NVA-161	NVA-161 CK	N/A	N/A	N/A
NVA-162	NVA-162 CK	0.022	0.009	0.008
NVA-163	NVA-163 CK	N/A	N/A	N/A
NVA-164	NVA-164 CK	-0.001	-0.016	0.021
NVA-165	NVA-165 CK	N/A	N/A	N/A
NVA-166	NVA-166 CK	N/A	N/A	N/A
NVA-167	NVA-167 CK	-0.022	-0.003	0.002
NVA-168	NVA-168 CK	0.020	-0.007	-0.019
NVA-169	NVA-169 CK	N/A	N/A	N/A
NVA-170	NVA-170 CK	N/A	N/A	N/A
NVA-171	NVA-171 CK	N/A	N/A	N/A

NVA-172	NVA-172 CK	N/A	N/A	N/A
NVA-173	NVA-173 CK	N/A	N/A	N/A
NVA-174	NVA-174 CK	0.015	-0.023	0.001
NVA-175	NVA-175 CK	N/A	N/A	N/A
NVA-176	NVA-176 CK	N/A	N/A	N/A
NVA-177	NVA-177 CK	N/A	N/A	N/A
NVA-178	NVA-178 CK	N/A	N/A	N/A
NVA-179	NVA-179 CK	N/A	N/A	N/A
NVA-180	NVA-180 CK	N/A	N/A	N/A
NVA-181	NVA-181 CK	N/A	N/A	N/A
NVA-182	NVA-182 CK	N/A	N/A	N/A
NVA-183	NVA-183 CK	N/A	N/A	N/A
NVA-184	NVA-184 CK	N/A	N/A	N/A
NVA-185	NVA-185 CK	N/A	N/A	N/A
NVA-186	NVA-186 CK	N/A	N/A	N/A
NVA-187	NVA-187 CK	N/A	N/A	N/A
NVA-188	NVA-188 CK	N/A	N/A	N/A
NVA-189	NVA-189 CK	N/A	N/A	N/A
NVA-190	NVA-190 CK	N/A	N/A	N/A
NVA-191	NVA-191 CK	0.011	-0.013	0.003
NVA-192	NVA-192 CK	N/A	N/A	N/A
NVA-193	NVA-193 CK	N/A	N/A	N/A
NVA-194	NVA-194 CK	N/A	N/A	N/A
NVA-195	NVA-195 CK	N/A	N/A	N/A
NVA-196	NVA-196 CK	N/A	N/A	N/A
NVA-197	NVA-197 CK	N/A	N/A	N/A
NVA-198	NVA-198 CK	N/A	N/A	N/A
NVA-199	NVA-199 CK	N/A	N/A	N/A
NVA-200	NVA-200 CK	N/A	N/A	N/A
NVA-201	NVA-201 CK	N/A	N/A	N/A
NVA-202	NVA-202 CK	-0.010	0.003	0.014
NVA-203	NVA-203 CK	N/A	N/A	N/A
NVA-204	NVA-204 CK	N/A	N/A	N/A
NVA-205	NVA-205 CK	N/A	N/A	N/A
NVA-206	NVA-206 CK	N/A	N/A	N/A
NVA-207	NVA-207 CK	-0.005	-0.004	0.025
NVA-208	NVA-208 CK	0.000	0.003	-0.003
NVA-209	NVA-209 CK	N/A	N/A	N/A
NVA-210	NVA-210 CK	N/A	N/A	N/A
NVA-211	NVA-211 CK	N/A	N/A	N/A
NVA-212	NVA-212 CK	N/A	N/A	N/A
NVA-213	NVA-213 CK	N/A	N/A	N/A
NVA-214	NVA-214 CK	-0.018	-0.022	0.002

NVA-215	NVA-215 CK	-0.029	-0.001	0.025
NVA-216	NVA-216 CK	N/A	N/A	N/A
NVA-217	NVA-217 CK	N/A	N/A	N/A
NVA-218	NVA-218 CK	N/A	N/A	N/A
NVA-219	NVA-219 CK	-0.014	0.006	-0.002
NVA-220	NVA-220 CK	N/A	N/A	N/A
NVA-221	NVA-221 CK	0.017	0.003	-0.002
NVA-222	NVA-222 CK	N/A	N/A	N/A
NVA-223	NVA-223 CK	-0.009	-0.002	-0.007
NVA-224	NVA-224 CK	N/A	N/A	N/A
NVA-225	NVA-225 CK	N/A	N/A	N/A
NVA-226	NVA-226 CK	0.012	-0.007	-0.005
NVA-227	NVA-227 CK	N/A	N/A	N/A
NVA-228	NVA-228 CK	N/A	N/A	N/A
NVA-229	NVA-229 CK	N/A	N/A	N/A
NVA-230	NVA-230 CK	N/A	N/A	N/A
NVA-231	NVA-231 CK	N/A	N/A	N/A
NVA-232	NVA-232 CK	0.010	-0.009	0.020
NVA-233	NVA-233 CK	N/A	N/A	N/A
NVA-234	NVA-234 CK	N/A	N/A	N/A
NVA-235	NVA-235 CK	-0.011	0.006	0.004
NVA-236	NVA-236 CK	N/A	N/A	N/A
NVA-237	NVA-237 CK	0.004	0.015	-0.003
NVA-238	NVA-238 CK	N/A	N/A	N/A
NVA-239	NVA-239 CK	0.001	0.003	0.038
NVA-240	NVA-240 CK	-0.009	0.012	0.036
NVA-241	NVA-241 CK	0.008	-0.003	0.028
NVA-242	NVA-242 CK	N/A	N/A	N/A
NVA-243	NVA-243 CK	-0.002	0.003	0.022
NVA-244	NVA-244 CK	N/A	N/A	N/A
NVA-245	NVA-245 CK	0.006	-0.006	0.025
NVA-246	NVA-246 CK	0.008	-0.007	-0.018
NVA-247	NVA-247 CK	-0.008	-0.012	-0.010
NVA-248	NVA-248 CK	0.018	0.006	0.008
NVA-249	NVA-249 CK	-0.006	-0.002	0.000
NVA-250	NVA-250 CK	N/A	N/A	N/A
NVA-251	NVA-251 CK	N/A	N/A	N/A
NVA-252	NVA-252 CK	-0.035	0.015	-0.024
NVA-253	NVA-253 CK	N/A	N/A	N/A
NVA-254	NVA-254 CK	N/A	N/A	N/A
NVA-255	NVA-255 CK	N/A	N/A	N/A
NVA-256	NVA-256 CK	-0.026	-0.008	-0.032
NVA-257	NVA-257 CK	N/A	N/A	N/A

NVA-258	NVA-258 CK	0.016	-0.022	-0.033
NVA-259	NVA-259 CK	0.012	0.024	0.028
NVA-260	NVA-260 CK	0.005	-0.007	-0.019
NVA-261	NVA-261 CK	0.006	0.001	0.012
NVA-262	NVA-262 CK	0.004	-0.014	-0.005
NVA-263	NVA-263 CK	0.008	-0.004	0.012
NVA-264	NVA-264 CK	0.003	0.015	0.019
NVA-265	NVA-265 CK	N/A	N/A	N/A
NVA-266	NVA-266 CK	N/A	N/A	N/A
NVA-267	NVA-267 CK	-0.005	0.029	0.035
NVA-268	NVA-268 CK	-0.018	0.014	0.015
NVA-269	NVA-269 CK	0.010	0.005	-0.009
NVA-270	NVA-270 CK	N/A	N/A	N/A
NVA-271	NVA-271 CK	0.013	0.007	0.015
NVA-272	NVA-272 CK	-0.004	-0.010	-0.004
NVA-273	NVA-273 CK	-0.013	0.018	-0.040
NVA-274	NVA-274 CK	N/A	N/A	N/A
NVA-275	NVA-275 CK	N/A	N/A	N/A
NVA-276	NVA-276 CK	N/A	N/A	N/A
NVA-277	NVA-277 CK	N/A	N/A	N/A
NVA-278	NVA-278 CK	0.035	-0.003	0.006
NVA-279	NVA-279 CK	-0.022	-0.004	0.036
NVA-280	NVA-280 CK	N/A	N/A	N/A
NVA-281	NVA-281 CK	N/A	N/A	N/A
NVA-282	NVA-282 CK	N/A	N/A	N/A
NVA-283	NVA-283 CK	N/A	N/A	N/A
NVA-284	NVA-284 CK	N/A	N/A	N/A
NVA-285	NVA-285 CK	N/A	N/A	N/A
NVA-286	NVA-286 CK	N/A	N/A	N/A
NVA-287	NVA-287 CK	N/A	N/A	N/A
NVA-288	NVA-288 CK	N/A	N/A	N/A
NVA-289	NVA-289 CK	N/A	N/A	N/A
NVA-290	NVA-290 CK	N/A	N/A	N/A
NVA-291	NVA-291 CK	N/A	N/A	N/A
NVA-292	NVA-292 CK	N/A	N/A	N/A
NVA-293	NVA-293 CK	N/A	N/A	N/A
NVA-294	NVA-294 CK	-0.004	0.004	0.012
NVA-295	NVA-295 CK	0.004	-0.030	-0.010
NVA-296	NVA-296 CK	N/A	N/A	N/A
NVA-297	NVA-297 CK	0.000	-0.001	-0.015
NVA-298	NVA-298 CK	N/A	N/A	N/A
NVA-299	NVA-299 CK	N/A	N/A	N/A
NVA-300	NVA-300 CK	N/A	N/A	N/A

NVA-301	NVA-301 CK	N/A	N/A	N/A
NVA-302	NVA-302 CK	N/A	N/A	N/A
NVA-303	NVA-303 CK	N/A	N/A	N/A
NVA-304	NVA-304 CK	N/A	N/A	N/A
NVA-305	NVA-305 CK	0.001	-0.012	0.040
NVA-306	NVA-306 CK	0.010	-0.017	-0.019
NVA-307	NVA-307 CK	N/A	N/A	N/A
NVA-308	NVA-308 CK	-0.024	0.040	0.023
NVA-309	NVA-309 CK	N/A	N/A	N/A
NVA-310	NVA-310 CK	0.049	-0.049	0.032
NVA-311	NVA-311 CK	N/A	N/A	N/A
NVA-312	NVA-312 CK	N/A	N/A	N/A
NVA-313	NVA-313 CK	0.018	-0.008	0.018
NVA-314	NVA-314 CK	-0.002	0.019	0.045
NVA-315	NVA-315 CK	N/A	N/A	N/A
NVA-316	NVA-316 CK	N/A	N/A	N/A
NVA-317	NVA-317 CK	N/A	N/A	N/A
NVA-318	NVA-318 CK	-0.025	0.001	-0.007
NVA-319	NVA-319 CK	N/A	N/A	N/A
NVA-320	NVA-320 CK	N/A	N/A	N/A
NVA-321	NVA-321 CK	N/A	N/A	N/A
NVA-322	NVA-322 CK	-0.006	-0.002	0.019
NVA-323	NVA-323 CK	N/A	N/A	N/A
NVA-324	NVA-324 CK	0.003	-0.025	-0.006
NVA-325	NVA-325 CK	-0.011	-0.033	-0.032
NVA-326	NVA-326 CK	N/A	N/A	N/A
NVA-327	NVA-327 CK	0.002	-0.016	-0.046
NVA-328	NVA-328 CK	0.030	-0.034	-0.027
NVA-329	NVA-329 CK	N/A	N/A	N/A
NVA-330	NVA-330 CK	N/A	N/A	N/A
NVA-331	NVA-331 CK	N/A	N/A	N/A
NVA-332	NVA-332 CK	N/A	N/A	N/A
NVA-333	NVA-333 CK	-0.006	0.010	-0.009
NVA-334	NVA-334 CK	-0.008	-0.003	0.030
NVA-335	NVA-335 CK	0.020	-0.007	0.031
NVA-336	NVA-336 CK	N/A	N/A	N/A
NVA-337	NVA-337 CK	0.020	-0.005	-0.001
NVA-338	NVA-338 CK	-0.006	0.028	-0.043
NVA-339	NVA-339 CK	N/A	N/A	N/A
NVA-340	NVA-340 CK	-0.006	0.000	0.020
NVA-341	NVA-341 CK	N/A	N/A	N/A
NVA-342	NVA-342 CK	N/A	N/A	N/A
NVA-343	NVA-343 CK	N/A	N/A	N/A

NVA-344	NVA-344 CK	N/A	N/A	N/A
NVA-345	NVA-345 CK	-0.013	0.005	-0.017
NVA-346	NVA-346 CK	N/A	N/A	N/A
NVA-347	NVA-347 CK	-0.009	0.022	0.044
NVA-348	NVA-348 CK	N/A	N/A	N/A
NVA-349	NVA-349 CK	-0.001	0.019	-0.019
NVA-350	NVA-350 CK	-0.007	-0.009	-0.022
NVA-351	NVA-351 CK	-0.005	0.029	0.044
NVA-352	NVA-352 CK	-0.025	-0.013	0.041
NVA-353	NVA-353 CK	0.037	-0.011	0.037
NVA-354	NVA-354 CK	0.005	-0.016	0.027
NVA-355	NVA-355 CK	-0.009	0.004	0.038
NVA-356	NVA-356 CK	N/A	N/A	N/A
NVA-357	NVA-357 CK	N/A	N/A	N/A
NVA-358	NVA-358 CK	N/A	N/A	N/A
NVA-359	NVA-359 CK	N/A	N/A	N/A
NVA-360	NVA-360 CK	0.011	-0.020	-0.011
NVA-361	NVA-361 CK	0.001	-0.004	-0.001
NVA-362	NVA-362 CK	-0.012	-0.001	0.001
NVA-363	NVA-363 CK	N/A	N/A	N/A
NVA-364	NVA-364 CK	N/A	N/A	N/A
NVA-365	NVA-365 CK	N/A	N/A	N/A
NVA-366	NVA-366 CK	-0.015	0.036	-0.048
NVA-367	NVA-367 CK	-0.003	0.000	0.049
NVA-368	NVA-368 CK	N/A	N/A	N/A
NVA-369	NVA-369 CK	0.024	0.043	0.008
NVA-370	NVA-370 CK	N/A	N/A	N/A
NVA-371	NVA-371 CK	N/A	N/A	N/A
NVA-372	NVA-372 CK	N/A	N/A	N/A
NVA-373	NVA-373 CK	-0.004	0.001	-0.017
NVA-374	NVA-374 CK	0.008	0.005	-0.005
NVA-375	NVA-375 CK	N/A	N/A	N/A
NVA-376	NVA-376 CK	0.000	0.000	-0.009
NVA-377	NVA-377 CK	N/A	N/A	N/A
NVA-378	NVA-378 CK	N/A	N/A	N/A
NVA-379	NVA-379 CK	0.007	0.007	0.000
NVA-380	NVA-380 CK	N/A	N/A	N/A
NVA-381	NVA-381 CK	0.006	0.004	0.013
NVA-382	NVA-382 CK	N/A	N/A	N/A
NVA-383	NVA-383 CK	N/A	N/A	N/A
NVA-384	NVA-384 CK	N/A	N/A	N/A
NVA-385	NVA-385 CK	N/A	N/A	N/A
NVA-386	NVA-386 CK	0.000	-0.010	0.008

NVA-387	NVA-387 CK	-0.006	0.002	-0.001
NVA-388	NVA-388 CK	-0.001	0.009	0.000
NVA-389	NVA-389 CK	0.008	-0.014	0.002
NVA-390	NVA-390 CK	-0.009	0.003	-0.017
NVA-391	NVA-391 CK	-0.009	0.006	-0.015
NVA-392	NVA-392 CK	N/A	N/A	N/A
NVA-393	NVA-393 CK	0.033	-0.017	-0.033
NVA-394	NVA-394 CK	N/A	N/A	N/A
NVA-395	NVA-395 CK	N/A	N/A	N/A
NVA-396	NVA-396 CK	N/A	N/A	N/A
NVA-397	NVA-397 CK	N/A	N/A	N/A
NVA-398	NVA-398 CK	N/A	N/A	N/A
NVA-399	NVA-399 CK	-0.012	-0.001	-0.018
NVA-400	NVA-400 CK	0.002	0.004	0.017
NVA-401	NVA-401 CK	-0.006	0.008	-0.018
NVA-402	NVA-402 CK	0.004	0.008	0.039
NVA-403	NVA-403 CK	N/A	N/A	N/A
NVA-404	NVA-404 CK	N/A	N/A	N/A
NVA-405	NVA-405 CK	N/A	N/A	N/A
NVA-406	NVA-406 CK	N/A	N/A	N/A
NVA-407	NVA-407 CK	-0.013	0.002	0.006
NVA-408	NVA-408 CK	-0.013	0.015	-0.006
NVA-409	NVA-409 CK	-0.002	-0.003	-0.012
NVA-410	NVA-410 CK	N/A	N/A	N/A
NVA-411	NVA-411 CK	N/A	N/A	N/A
NVA-412	NVA-412 CK	0.001	0.006	0.030
NVA-413	NVA-413 CK	-0.030	0.023	-0.026
NVA-414	NVA-414 CK	-0.002	0.000	0.005
NVA-415	NVA-415 CK	N/A	N/A	N/A
NVA-416	NVA-416 CK	N/A	N/A	N/A
NVA-417	NVA-417 CK	N/A	N/A	N/A
NVA-418	NVA-418 CK	0.002	0.013	-0.002
NVA-419	NVA-419 CK	N/A	N/A	N/A
NVA-420	NVA-420 CK	0.013	0.007	0.004
NVA-421	NVA-421 CK	-0.024	0.014	-0.015
NVA-422	NVA-422 CK	N/A	N/A	N/A
NVA-423	NVA-423 CK	0.002	-0.009	0.023
NVA-424	NVA-424 CK	-0.002	-0.002	0.018
NVA-425	NVA-425 CK	-0.002	-0.007	0.000
NVA-426	NVA-426 CK	-0.004	0.006	-0.009
NVA-427	NVA-427 CK	-0.033	0.018	0.003
NVA-428	NVA-428 CK	0.005	0.022	0.003
NVA-429	NVA-429 CK	N/A	N/A	N/A

NVA-430	NVA-430 CK	N/A	N/A	N/A
NVA-431	NVA-431 CK	N/A	N/A	N/A
NVA-432	NVA-432 CK	N/A	N/A	N/A
NVA-433	NVA-433 CK	N/A	N/A	N/A
NVA-434	NVA-434 CK	N/A	N/A	N/A
NVA-435	NVA-435 CK	-0.007	0.007	-0.048
NVA-436	NVA-436 CK	0.005	0.009	-0.005
NVA-437	NVA-437 CK	-0.002	-0.004	-0.015
NVA-438	NVA-438 CK	0.006	-0.001	-0.020
NVA-439	NVA-439 CK	-0.002	-0.006	0.004
NVA-440	NVA-440 CK	0.017	-0.008	0.014
NVA-441	NVA-441 CK	N/A	N/A	N/A
NVA-442	NVA-442 CK	0.000	-0.007	-0.001
NVA-443	NVA-443 CK	-0.020	-0.003	-0.030
NVA-444	NVA-444 CK	-0.027	-0.008	-0.021
NVA-445	NVA-445 CK	0.003	0.001	-0.036
NVA-446	NVA-446 CK	0.015	-0.004	0.021
NVA-447	NVA-447 CK	0.003	0.001	-0.027
NVA-448	NVA-448 CK	0.009	-0.003	-0.027
NVA-449	NVA-449 CK	0.004	-0.002	0.021
NVA-450	NVA-450 CK	-0.008	-0.010	0.016
NVA-451	NVA-451 CK	-0.001	0.023	-0.033
NVA-452	NVA-452 CK	-0.005	0.000	-0.037
NVA-453	NVA-453 CK	N/A	N/A	N/A
NVA-454	NVA-454 CK	0.012	-0.005	-0.034
NVA-455	NVA-455 CK	0.022	0.006	-0.014
NVA-456	NVA-456 CK	N/A	N/A	N/A
NVA-457	NVA-457 CK	N/A	N/A	N/A
NVA-458	NVA-458 CK	0.001	0.014	0.034
NVA-459	NVA-459 CK	N/A	N/A	N/A
NVA-460	NVA-460 CK	N/A	N/A	N/A
NVA-461	NVA-461 CK	N/A	N/A	N/A
NVA-462	NVA-462 CK	N/A	N/A	N/A
NVA-463	NVA-463 CK	N/A	N/A	N/A
NVA-464	NVA-464 CK	N/A	N/A	N/A
NVA-465	NVA-465 CK	N/A	N/A	N/A
NVA-466	NVA-466 CK	N/A	N/A	N/A
NVA-467	NVA-467 CK	0.004	-0.015	0.017
NVA-468	NVA-468 CK	0.009	-0.024	0.022
NVA-469	NVA-469 CK	0.004	-0.003	-0.026
NVA-470	NVA-470 CK	-0.013	0.017	-0.013
NVA-471	NVA-471 CK	N/A	N/A	N/A
NVA-472	NVA-472 CK	N/A	N/A	N/A

NVA-473	NVA-473 CK	0.016	0.014	-0.013
NVA-474	NVA-474 CK	0.023	0.014	0.025
NVA-475	NVA-475 CK	0.018	0.010	0.013
NVA-476	NVA-476 CK	N/A	N/A	N/A
NVA-477	NVA-477 CK	N/A	N/A	N/A
NVA-478	NVA-478 CK	N/A	N/A	N/A
NVA-479	NVA-479 CK	0.023	-0.014	-0.010
NVA-480	NVA-480 CK	-0.014	-0.010	-0.029
NVA-481	NVA-481 CK	-0.007	-0.004	-0.017
NVA-482	NVA-482 CK	-0.019	-0.005	-0.014
NVA-483	NVA-483 CK	0.004	0.001	-0.001
NVA-484	NVA-484 CK	N/A	N/A	N/A
NVA-485	NVA-485 CK	N/A	N/A	N/A
NVA-486	NVA-486 CK	-0.008	0.012	-0.011
NVA-487	NVA-487 CK	-0.006	-0.012	-0.005
NVA-488	NVA-488 CK	0.009	0.009	0.000
NVA-489	NVA-489 CK	0.022	0.027	0.018
NVA-490	NVA-490 CK	-0.008	0.000	0.004
NVA-491	NVA-491 CK	N/A	N/A	N/A
NVA-492	NVA-492 CK	N/A	N/A	N/A
NVA-493	NVA-493 CK	N/A	N/A	N/A
NVA-494	NVA-494 CK	N/A	N/A	N/A
NVA-495	NVA-495 CK	-0.014	-0.007	-0.030
NVA-496	NVA-496 CK	0.017	0.001	0.048
NVA-497	NVA-497 CK	0.015	-0.032	-0.038
NVA-498	NVA-498 CK	0.014	-0.025	-0.011
NVA-499	NVA-499 CK	-0.002	-0.003	-0.032
NVA-500	NVA-500 CK	-0.006	0.001	-0.018
NVA-501	NVA-501 CK	-0.011	0.006	0.018
NVA-502	NVA-502 CK	-0.012	-0.008	-0.031
NVA-503	NVA-503 CK	N/A	N/A	N/A
NVA-504	NVA-504 CK	0.011	-0.005	0.011
NVA-505	NVA-505 CK	0.002	-0.016	0.025
NVA-506	NVA-506 CK	0.009	0.005	-0.002
NVA-507	NVA-507 CK	0.022	0.016	-0.040
NVA-508	NVA-508 CK	-0.017	-0.011	-0.023
NVA-509	NVA-509 CK	0.018	0.005	-0.009
NVA-510	NVA-510 CK	0.022	0.014	0.013
NVA-511	NVA-511 CK	-0.026	-0.007	0.014
NVA-512	NVA-512 CK	-0.029	0.038	0.042
NVA-513	NVA-513 CK	0.024	-0.011	0.003
NVA-514	NVA-514 CK	0.020	0.017	0.005
NVA-515	NVA-515 CK	N/A	N/A	N/A

NVA-516	NVA-516 CK	N/A	N/A	N/A
NVA-517	NVA-517 CK	N/A	N/A	N/A
NVA-518	NVA-518 CK	-0.002	-0.021	-0.020
NVA-519	NVA-519 CK	-0.001	0.010	0.041
NVA-520	NVA-520 CK	N/A	N/A	N/A
NVA-521	NVA-521 CK	N/A	N/A	N/A
NVA-522	NVA-522 CK	N/A	N/A	N/A
NVA-523	NVA-523 CK	N/A	N/A	N/A
NVA-524	NVA-524 CK	N/A	N/A	N/A
NVA-525	NVA-525 CK	-0.009	-0.001	0.035
NVA-526	NVA-526 CK	N/A	N/A	N/A
NVA-527	NVA-527 CK	N/A	N/A	N/A
NVA-528	NVA-528 CK	N/A	N/A	N/A
NVA-529	NVA-529 CK	0.002	-0.015	-0.011
NVA-530	NVA-530 CK	-0.012	0.004	0.037
NVA-531	NVA-531 CK	0.034	-0.010	0.002
NVA-532	NVA-532 CK	-0.006	0.022	0.006
NVA-533	NVA-533 CK	0.019	-0.006	0.032
NVA-534	NVA-534 CK	-0.008	0.008	0.002
NVA-535	NVA-535 CK	-0.007	-0.004	0.014
NVA-536	NVA-536 CK	0.005	-0.006	-0.044
NVA-537	NVA-537 CK	0.006	0.003	-0.025
NVA-538	NVA-538 CK	N/A	N/A	N/A
NVA-539	NVA-539 CK	N/A	N/A	N/A
NVA-540	NVA-540 CK	N/A	N/A	N/A
NVA-541	NVA-541 CK	-0.003	0.012	-0.016
NVA-542	NVA-542 CK	-0.003	0.007	-0.028
NVA-543	NVA-543 CK	-0.020	0.003	-0.006
NVA-544	NVA-544 CK	-0.023	-0.004	-0.044
NVA-545	NVA-545 CK	-0.020	-0.011	-0.017
NVA-546	NVA-546 CK	0.012	-0.026	-0.046
NVA-547	NVA-547 CK	-0.046	0.034	0.042
NVA-548	NVA-548 CK	N/A	N/A	N/A
NVA-549	NVA-549 CK	N/A	N/A	N/A
NVA-550	NVA-550 CK	N/A	N/A	N/A
NVA-551	NVA-551 CK	N/A	N/A	N/A
NVA-552	NVA-552 CK	0.021	-0.006	-0.020
NVA-553	NVA-553 CK	0.011	-0.034	0.011
NVA-554	NVA-554 CK	0.009	-0.001	0.048
NVA-555	NVA-555 CK	N/A	N/A	N/A
NVA-556	NVA-556 CK	N/A	N/A	N/A
NVA-557	NVA-557 CK	0.007	0.008	0.011
NVA-558	NVA-558 CK	-0.021	0.012	-0.012

NVA-559	NVA-559 CK	N/A	N/A	N/A
NVA-560	NVA-560 CK	N/A	N/A	N/A
NVA-561	NVA-561 CK	N/A	N/A	N/A
NVA-562	NVA-562 CK	N/A	N/A	N/A
NVA-563	NVA-563 CK	N/A	N/A	N/A
NVA-564	NVA-564 CK	0.001	-0.004	0.030
NVA-565	NVA-565 CK	-0.011	0.003	0.005
NVA-566	NVA-566 CK	0.016	0.006	0.003
NVA-567	NVA-567 CK	-0.004	-0.002	-0.010
NVA-568	NVA-568 CK	N/A	N/A	N/A
NVA-569	NVA-569 CK	N/A	N/A	N/A
NVA-570	NVA-570 CK	N/A	N/A	N/A
NVA-571	NVA-571 CK	N/A	N/A	N/A
NVA-572	NVA-572 CK	N/A	N/A	N/A
NVA-573	NVA-573 CK	N/A	N/A	N/A
NVA-574	NVA-574 CK	N/A	N/A	N/A
NVA-575	NVA-575 CK	0.010	0.006	-0.036
NVA-576	NVA-576 CK	0.025	0.015	-0.033
NVA-577	NVA-577 CK	0.017	0.009	-0.003
NVA-578	NVA-578 CK	-0.034	-0.034	-0.001
NVA-579	NVA-579 CK	0.000	-0.010	0.032
NVA-580	NVA-580 CK	-0.003	-0.001	0.007
NVA-581	NVA-581 CK	-0.018	0.028	0.016
NVA-582	NVA-582 CK	-0.017	0.006	-0.015
NVA-583	NVA-583 CK	N/A	N/A	N/A
NVA-584	NVA-584 CK	N/A	N/A	N/A
NVA-585	NVA-585 CK	0.008	0.046	-0.043
NVA-586	NVA-586 CK	N/A	N/A	N/A
NVA-587	NVA-587 CK	N/A	N/A	N/A
NVA-588	NVA-588 CK	N/A	N/A	N/A
NVA-589	NVA-589 CK	N/A	N/A	N/A
NVA-590	NVA-590 CK	N/A	N/A	N/A
NVA-591	NVA-591 CK	N/A	N/A	N/A
NVA-592	NVA-592 CK	N/A	N/A	N/A
NVA-593	NVA-593 CK	0.010	0.011	-0.028
NVA-594	NVA-594 CK	-0.001	0.017	-0.011
NVA-595	NVA-595 CK	-0.004	-0.009	0.020
NVA-596	NVA-596 CK	N/A	N/A	N/A
NVA-597	NVA-597 CK	0.011	-0.005	-0.042
NVA-598	NVA-598 CK	-0.009	0.021	0.023
NVA-599	NVA-599 CK	-0.029	0.005	-0.014
NVA-600	NVA-600 CK	0.017	-0.006	0.039
NVA-601	NVA-601 CK	N/A	N/A	N/A

NVA-602	NVA-602 CK	0.017	-0.006	0.039
NVA-603	NVA-603 CK	N/A	N/A	N/A
NVA-604	NVA-604 CK	0.007	-0.003	-0.028
NVA-605	NVA-605 CK	N/A	N/A	N/A
NVA-606	NVA-606 CK	-0.011	0.011	-0.001
NVA-607	NVA-607 CK	-0.003	0.008	-0.032
NVA-608	NVA-608 CK	0.000	-0.009	-0.018
NVA-609	NVA-609 CK	0.017	-0.004	-0.046
NVA-610	NVA-610 CK	N/A	N/A	N/A
NVA-611	NVA-611 CK	N/A	N/A	N/A
NVA-612	NVA-612 CK	-0.035	-0.015	0.026
NVA-613	NVA-613 CK	N/A	N/A	N/A
NVA-614	NVA-614 CK	N/A	N/A	N/A
NVA-615	NVA-615 CK	-0.008	-0.007	0.006
NVA-616	NVA-616 CK	0.000	0.002	0.027
NVA-617	NVA-617 CK	N/A	N/A	N/A
NVA-618	NVA-618 CK	N/A	N/A	N/A
NVA-619	NVA-619 CK	0.005	-0.006	0.006
NVA-620	NVA-620 CK	0.000	-0.014	0.049
NVA-621	NVA-621 CK	N/A	N/A	N/A
NVA-622	NVA-622 CK	N/A	N/A	N/A
NVA-623	NVA-623 CK	N/A	N/A	N/A
NVA-624	NVA-624 CK	0.029	-0.008	-0.049
NVA-625	NVA-625 CK	0.016	-0.007	-0.032
NVA-626	NVA-626 CK	0.008	0.016	-0.012
NVA-627	NVA-627 CK	N/A	N/A	N/A
NVA-628	NVA-628 CK	-0.012	0.020	-0.012
NVA-629	NVA-629 CK	N/A	N/A	N/A
NVA-630	NVA-630 CK	N/A	N/A	N/A
NVA-631	NVA-631 CK	N/A	N/A	N/A
NVA-632	NVA-632 CK	-0.017	0.003	-0.021
NVA-633	NVA-633 CK	N/A	N/A	N/A
NVA-634	NVA-634 CK	0.000	-0.007	-0.015
NVA-635	NVA-635 CK	N/A	N/A	N/A
NVA-636	NVA-636 CK	N/A	N/A	N/A
NVA-637	NVA-637 CK	N/A	N/A	N/A
NVA-638	NVA-638 CK	N/A	N/A	N/A
NVA-639	NVA-639 CK	N/A	N/A	N/A
NVA-640	NVA-640 CK	N/A	N/A	N/A
NVA-641	NVA-641 CK	0.011	-0.003	-0.001
NVA-642	NVA-642 CK	-0.008	0.013	0.023
NVA-643	NVA-643 CK	-0.015	0.010	-0.006
NVA-644	NVA-644 CK	-0.022	0.001	0.001

NVA-645	NVA-645 CK	N/A	N/A	N/A
NVA-646	NVA-646 CK	N/A	N/A	N/A
NVA-647	NVA-647 CK	0.038	0.015	-0.033
NVA-648	NVA-648 CK	N/A	N/A	N/A
NVA-649	NVA-649 CK	N/A	N/A	N/A
NVA-650	NVA-650 CK	-0.025	0.022	0.018
NVA-651	NVA-651 CK	N/A	N/A	N/A
NVA-652	NVA-652 CK	0.001	-0.010	0.008
NVA-653	NVA-653 CK	-0.005	0.004	-0.008
NVA-654	NVA-654 CK	-0.003	-0.003	0.010
NVA-655	NVA-655 CK	0.001	0.006	0.003
NVA-656	NVA-656 CK	-0.006	0.002	0.000
NVA-657	NVA-657 CK	0.008	-0.002	-0.016
NVA-658	NVA-658 CK	0.022	0.003	-0.018
NVA-659	NVA-659 CK	-0.009	-0.017	-0.044
NVA-660	NVA-660 CK	0.017	0.005	0.009
NVA-661	NVA-661 CK	0.000	0.004	0.006
NVA-662	NVA-662 CK	-0.006	-0.004	0.003
NVA-663	NVA-663 CK	0.000	0.004	-0.022
NVA-664	NVA-664 CK	N/A	N/A	N/A
NVA-665	NVA-665 CK	N/A	N/A	N/A
NVA-666	NVA-666 CK	-0.001	-0.009	0.004
NVA-667	NVA-667 CK	0.002	0.010	0.010
NVA-668	NVA-668 CK	-0.004	-0.006	0.031
NVA-669	NVA-669 CK	0.004	-0.003	-0.026
NVA-670	NVA-670 CK	0.016	0.002	-0.002
NVA-671	NVA-671 CK	-0.026	0.001	0.019
NVA-672	NVA-672 CK	N/A	N/A	N/A
NVA-673	NVA-673 CK	N/A	N/A	N/A
NVA-674	NVA-674 CK	-0.011	0.004	0.003
NVA-675	NVA-675 CK	-0.007	-0.005	0.002
NVA-676	NVA-676 CK	N/A	N/A	N/A
NVA-677	NVA-677 CK	-0.002	0.006	0.039
NVA-678	NVA-678 CK	0.004	-0.003	0.031
NVA-679	NVA-679 CK	-0.017	0.004	-0.001
NVA-680	NVA-680 CK	N/A	N/A	N/A
NVA-681	NVA-681 CK	-0.003	0.007	-0.021
NVA-682	NVA-682 CK	N/A	N/A	N/A
NVA-683	NVA-683 CK	N/A	N/A	N/A
NVA-684	NVA-684 CK	0.000	-0.006	0.001
NVA-685	NVA-685 CK	0.015	0.009	0.002
NVA-686	NVA-686 CK	N/A	N/A	N/A
NVA-687	NVA-687 CK	0.007	-0.002	0.030

NVA-688	NVA-688 CK	0.012	-0.033	0.021
NVA-689	NVA-689 CK	-0.001	-0.003	-0.015
NVA-690	NVA-690 CK	N/A	N/A	N/A
NVA-691	NVA-691 CK	N/A	N/A	N/A
NVA-692	NVA-692 CK	N/A	N/A	N/A
NVA-693	NVA-693 CK	-0.007	-0.004	-0.049
NVA-694	NVA-694 CK	-0.006	0.006	-0.035
NVA-695	NVA-695 CK	-0.006	0.009	0.031
NVA-696	NVA-696 CK	N/A	N/A	N/A
NVA-697	NVA-697 CK	N/A	N/A	N/A
NVA-698	NVA-698 CK	N/A	N/A	N/A
NVA-699	NVA-699 CK	N/A	N/A	N/A
NVA-700	NVA-700 CK	N/A	N/A	N/A
NVA-701	NVA-701 CK	-0.027	-0.025	0.010
NVA-702	NVA-702 CK	N/A	N/A	N/A
NVA-703	NVA-703 CK	0.000	0.004	-0.020
NVA-704	NVA-704 CK	N/A	N/A	N/A
NVA-705	NVA-705 CK	N/A	N/A	N/A
NVA-706	NVA-706 CK	-0.002	0.008	-0.025
NVA-707	NVA-707 CK	0.025	-0.016	-0.031
NVA-708	NVA-708 CK	N/A	N/A	N/A
NVA-709	NVA-709 CK	0.041	0.007	0.029
NVA-710	NVA-710 CK	0.025	-0.012	0.034
NVA-711	NVA-711 CK	0.034	-0.010	0.015
NVA-712	NVA-712 CK	N/A	N/A	N/A
NVA-713	NVA-713 CK	N/A	N/A	N/A
NVA-714	NVA-714 CK	N/A	N/A	N/A
NVA-715	NVA-715 CK	N/A	N/A	N/A
VVA-1	VVA-1 CK	-0.014	0.009	-0.006
VVA-2	VVA-2 CK	-0.013	-0.001	-0.009
VVA-3	VVA-3 CK	-0.002	-0.004	-0.004
VVA-4	VVA-4 CK	0.005	0.004	-0.013
VVA-5	VVA-5 CK	-0.011	-0.003	0.000
VVA-6	VVA-6 CK	0.010	0.004	0.039
VVA-7	VVA-7 CK	0.005	-0.001	-0.012
VVA-8	VVA-8 CK	-0.036	0.010	0.032
VVA-9	VVA-9 CK	0.021	0.003	-0.007
VVA-10	VVA-10 CK	-0.010	-0.016	-0.015
VVA-11	VVA-11 CK	N/A	N/A	N/A
VVA-12	VVA-12 CK	0.002	-0.009	-0.007
VVA-13	VVA-13 CK	N/A	N/A	N/A
VVA-14	VVA-14 CK	0.001	-0.011	-0.010
VVA-15	VVA-15 CK	-0.006	0.021	-0.004

VVA-16	VVA-16 CK	0.018	-0.009	-0.009
VVA-17	VVA-17 CK	0.005	0.003	-0.001
VVA-18	VVA-18 CK	0.008	-0.002	-0.038
VVA-19	VVA-19 CK	-0.003	-0.004	0.002
VVA-20	VVA-20 CK	0.007	0.001	-0.009
VVA-21	VVA-21 CK	0.007	0.009	0.034
VVA-22	VVA-22 CK	0.025	0.009	0.025
VVA-23	VVA-23 CK	N/A	N/A	N/A
VVA-24	VVA-24 CK	-0.013	-0.002	0.040
VVA-25	VVA-25 CK	0.005	0.003	-0.018
VVA-26	VVA-26 CK	0.021	0.002	-0.005
VVA-27	VVA-27 CK	0.022	0.011	-0.034
VVA-28	VVA-28 CK	-0.003	-0.012	0.007
VVA-29	VVA-29 CK	N/A	N/A	N/A
VVA-30	VVA-30 CK	0.002	-0.019	-0.025
VVA-31	VVA-31 CK	N/A	N/A	N/A
VVA-32	VVA-32 CK	N/A	N/A	N/A
VVA-33	VVA-33 CK	-0.043	0.010	0.022
VVA-34	VVA-34 CK	0.012	-0.009	-0.029
VVA-35	VVA-35 CK	0.007	0.009	-0.009
VVA-36	VVA-36 CK	0.012	-0.010	0.015
VVA-37	VVA-37 CK	N/A	N/A	N/A
VVA-38	VVA-38 CK	-0.021	0.013	-0.006
VVA-39	VVA-39 CK	N/A	N/A	N/A
VVA-40	VVA-40 CK	0.017	0.009	-0.025
VVA-41	VVA-41 CK	N/A	N/A	N/A
VVA-42	VVA-42 CK	N/A	N/A	N/A
VVA-43	VVA-43 CK	0.000	0.017	-0.016
VVA-44	VVA-44 CK	0.005	-0.003	0.012
VVA-45	VVA-45 CK	-0.007	-0.011	-0.021
VVA-46	VVA-46 CK	-0.012	0.020	0.022
VVA-47	VVA-47 CK	0.012	-0.009	-0.029
VVA-48	VVA-48 CK	-0.006	0.005	0.004
VVA-49	VVA-49 CK	N/A	N/A	N/A
VVA-50	VVA-50 CK	N/A	N/A	N/A
VVA-51	VVA-51 CK	N/A	N/A	N/A
VVA-52	VVA-52 CK	N/A	N/A	N/A
VVA-53	VVA-53 CK	N/A	N/A	N/A
VVA-54	VVA-54 CK	N/A	N/A	N/A
VVA-55	VVA-55 CK	0.015	-0.011	-0.008
VVA-56	VVA-56 CK	-0.001	0.002	0.016
VVA-57	VVA-57 CK	-0.008	0.001	0.002
VVA-58	VVA-58 CK	N/A	N/A	N/A

VVA-59	VVA-59 CK	N/A	N/A	N/A
VVA-60	VVA-60 CK	N/A	N/A	N/A
VVA-61	VVA-61 CK	-0.005	0.008	0.004
VVA-62	VVA-62 CK	N/A	N/A	N/A
VVA-63	VVA-63 CK	N/A	N/A	N/A
VVA-64	VVA-64 CK	N/A	N/A	N/A
VVA-65	VVA-65 CK	N/A	N/A	N/A
VVA-66	VVA-66 CK	N/A	N/A	N/A
VVA-67	VVA-67 CK	-0.015	-0.017	0.000
VVA-68	VVA-68 CK	-0.004	0.003	0.011
VVA-69	VVA-69 CK	N/A	N/A	N/A
VVA-70	VVA-70 CK	N/A	N/A	N/A
VVA-71	VVA-71 CK	N/A	N/A	N/A
VVA-72	VVA-72 CK	-0.018	0.030	-0.022
VVA-73	VVA-73 CK	-0.019	0.023	-0.012
VVA-74	VVA-74 CK	N/A	N/A	N/A
VVA-75	VVA-75 CK	N/A	N/A	N/A
VVA-76	VVA-76 CK	N/A	N/A	N/A
VVA-77	VVA-77 CK	N/A	N/A	N/A
VVA-78	VVA-78 CK	N/A	N/A	N/A
VVA-79	VVA-79 CK	0.007	-0.007	0.001
VVA-80	VVA-80 CK	-0.008	-0.012	0.031
VVA-81	VVA-81 CK	0.018	-0.005	0.018
VVA-82	VVA-82 CK	N/A	N/A	N/A
VVA-83	VVA-83 CK	N/A	N/A	N/A
VVA-84	VVA-84 CK	N/A	N/A	N/A
VVA-85	VVA-85 CK	N/A	N/A	N/A
VVA-86	VVA-86 CK	N/A	N/A	N/A
VVA-87	VVA-87 CK	N/A	N/A	N/A
VVA-88	VVA-88 CK	N/A	N/A	N/A
VVA-89	VVA-89 CK	-0.011	0.020	-0.023
VVA-90	VVA-90 CK	N/A	N/A	N/A
VVA-91	VVA-91 CK	N/A	N/A	N/A
VVA-92	VVA-92 CK	N/A	N/A	N/A
VVA-93	VVA-93 CK	N/A	N/A	N/A
VVA-94	VVA-94 CK	N/A	N/A	N/A
VVA-95	VVA-95 CK	N/A	N/A	N/A
VVA-96	VVA-96 CK	N/A	N/A	N/A
VVA-97	VVA-97 CK	-0.011	-0.031	0.041
VVA-98	VVA-98 CK	0.006	-0.011	-0.039
VVA-99	VVA-99 CK	0.009	-0.008	0.020
VVA-100	VVA-100 CK	N/A	N/A	N/A
VVA-101	VVA-101 CK	N/A	N/A	N/A

VVA-102	VVA-102 CK	N/A	N/A	N/A
VVA-103	VVA-103 CK	N/A	N/A	N/A
VVA-104	VVA-104 CK	N/A	N/A	N/A
VVA-105	VVA-105 CK	N/A	N/A	N/A
VVA-106	VVA-106 CK	N/A	N/A	N/A
VVA-107	VVA-107 CK	N/A	N/A	N/A
VVA-108	VVA-108 CK	N/A	N/A	N/A
VVA-109	VVA-109 CK	N/A	N/A	N/A
VVA-110	VVA-110 CK	N/A	N/A	N/A
VVA-111	VVA-111 CK	0.003	0.004	0.015
VVA-112	VVA-112 CK	0.023	-0.012	0.007
VVA-113	VVA-113 CK	N/A	N/A	N/A
VVA-114	VVA-114 CK	N/A	N/A	N/A
VVA-115	VVA-115 CK	N/A	N/A	N/A
VVA-116	VVA-116 CK	N/A	N/A	N/A
VVA-117	VVA-117 CK	N/A	N/A	N/A
VVA-118	VVA-118 CK	-0.016	-0.017	0.006
VVA-119	VVA-119 CK	-0.025	0.005	0.015
VVA-120	VVA-120 CK	N/A	N/A	N/A
VVA-121	VVA-121 CK	0.006	0.001	0.030
VVA-122	VVA-122 CK	0.006	0.005	0.002
VVA-123	VVA-123 CK	-0.018	0.004	0.041
VVA-124	VVA-124 CK	-0.002	-0.011	-0.020
VVA-125	VVA-125 CK	0.003	-0.009	-0.023
VVA-126	VVA-126 CK	N/A	N/A	N/A
VVA-127	VVA-127 CK	0.014	-0.002	0.009
VVA-128	VVA-128 CK	0.014	0.001	0.000
VVA-129	VVA-129 CK	N/A	N/A	N/A
VVA-130	VVA-130 CK	N/A	N/A	N/A
VVA-131	VVA-131 CK	N/A	N/A	N/A
VVA-132	VVA-132 CK	N/A	N/A	N/A
VVA-133	VVA-133 CK	0.023	-0.004	-0.011
VVA-134	VVA-134 CK	0.010	-0.016	0.017
VVA-135	VVA-135 CK	N/A	N/A	N/A
VVA-136	VVA-136 CK	-0.008	0.002	0.002
VVA-137	VVA-137 CK	N/A	N/A	N/A
VVA-138	VVA-138 CK	-0.004	-0.009	0.006
VVA-139	VVA-139 CK	N/A	N/A	N/A
VVA-140	VVA-140 CK	N/A	N/A	N/A
VVA-141	VVA-141 CK	0.018	0.005	0.025
VVA-142	VVA-142 CK	N/A	N/A	N/A
VVA-143	VVA-143 CK	-0.018	0.004	0.010
VVA-144	VVA-144 CK	N/A	N/A	N/A

VVA-145	VVA-145 CK	0.010	0.000	0.006
VVA-146	VVA-146 CK	N/A	N/A	N/A
VVA-147	VVA-147 CK	N/A	N/A	N/A
VVA-148	VVA-148 CK	N/A	N/A	N/A
VVA-149	VVA-149 CK	-0.008	-0.017	0.013
VVA-150	VVA-150 CK	N/A	N/A	N/A
VVA-151	VVA-151 CK	N/A	N/A	N/A
VVA-152	VVA-152 CK	N/A	N/A	N/A
VVA-153	VVA-153 CK	N/A	N/A	N/A
VVA-154	VVA-154 CK	N/A	N/A	N/A
VVA-155	VVA-155 CK	N/A	N/A	N/A
VVA-156	VVA-156 CK	N/A	N/A	N/A
VVA-157	VVA-157 CK	-0.014	0.012	0.004
VVA-158	VVA-158 CK	N/A	N/A	N/A
VVA-159	VVA-159 CK	N/A	N/A	N/A
VVA-160	VVA-160 CK	N/A	N/A	N/A
VVA-161	VVA-161 CK	N/A	N/A	N/A
VVA-162	VVA-162 CK	-0.009	0.005	0.013
VVA-163	VVA-163 CK	N/A	N/A	N/A
VVA-164	VVA-164 CK	-0.010	-0.022	0.023
VVA-165	VVA-165 CK	N/A	N/A	N/A
VVA-166	VVA-166 CK	N/A	N/A	N/A
VVA-167	VVA-167 CK	N/A	N/A	N/A
VVA-168	VVA-168 CK	-0.010	0.004	0.045
VVA-169	VVA-169 CK	N/A	N/A	N/A
VVA-170	VVA-170 CK	-0.009	-0.002	0.021
VVA-171	VVA-171 CK	N/A	N/A	N/A
VVA-172	VVA-172 CK	N/A	N/A	N/A
VVA-173	VVA-173 CK	N/A	N/A	N/A
VVA-174	VVA-174 CK	0.021	-0.012	-0.014
VVA-175	VVA-175 CK	-0.003	-0.019	-0.007
VVA-176	VVA-176 CK	0.021	0.006	-0.023
VVA-177	VVA-177 CK	0.008	0.014	0.002
VVA-178	VVA-178 CK	N/A	N/A	N/A
VVA-179	VVA-179 CK	0.020	-0.013	0.029
VVA-180	VVA-180 CK	N/A	N/A	N/A
VVA-181	VVA-181 CK	N/A	N/A	N/A
VVA-182	VVA-182 CK	N/A	N/A	N/A
VVA-183	VVA-183 CK	N/A	N/A	N/A
VVA-184	VVA-184 CK	N/A	N/A	N/A
VVA-185	VVA-185 CK	N/A	N/A	N/A
VVA-186	VVA-186 CK	N/A	N/A	N/A
VVA-187	VVA-187 CK	N/A	N/A	N/A

VVA-188	VVA-188 CK	0.026	0.042	-0.031
VVA-189	VVA-189 CK	0.024	-0.011	-0.018
VVA-190	VVA-190 CK	N/A	N/A	N/A
VVA-191	VVA-191 CK	N/A	N/A	N/A
VVA-192	VVA-192 CK	0.007	0.005	0.013
VVA-193	VVA-193 CK	N/A	N/A	N/A
VVA-194	VVA-194 CK	0.020	0.011	0.002
VVA-195	VVA-195 CK	-0.009	0.000	-0.007
VVA-196	VVA-196 CK	-0.013	0.011	-0.046
VVA-197	VVA-197 CK	-0.012	0.011	-0.001
VVA-198	VVA-198 CK	N/A	N/A	N/A
VVA-199	VVA-199 CK	N/A	N/A	N/A
VVA-200	VVA-200 CK	N/A	N/A	N/A
VVA-201	VVA-201 CK	0.004	-0.020	0.007
VVA-202	VVA-202 CK	-0.010	-0.006	-0.028
VVA-203	VVA-203 CK	N/A	N/A	N/A
VVA-204	VVA-204 CK	N/A	N/A	N/A
VVA-205	VVA-205 CK	-0.010	-0.011	0.010
VVA-206	VVA-206 CK	N/A	N/A	N/A
VVA-207	VVA-207 CK	N/A	N/A	N/A
VVA-208	VVA-208 CK	0.023	-0.025	0.041
VVA-209	VVA-209 CK	0.029	0.025	-0.043
VVA-210	VVA-210 CK	0.004	0.007	-0.037
VVA-211	VVA-211 CK	0.017	0.008	-0.038
VVA-212	VVA-212 CK	0.015	-0.015	0.042
VVA-213	VVA-213 CK	0.028	-0.021	0.020
VVA-214	VVA-214 CK	-0.006	-0.004	0.003
VVA-215	VVA-215 CK	-0.011	0.005	0.007
VVA-216	VVA-216 CK	-0.023	0.007	0.016
VVA-217	VVA-217 CK	N/A	N/A	N/A
VVA-218	VVA-218 CK	N/A	N/A	N/A
VVA-219	VVA-219 CK	N/A	N/A	N/A
VVA-220	VVA-220 CK	N/A	N/A	N/A
VVA-221	VVA-221 CK	N/A	N/A	N/A
VVA-222	VVA-222 CK	-0.010	0.003	-0.042
VVA-223	VVA-223 CK	-0.002	-0.002	-0.023
VVA-224	VVA-224 CK	0.005	-0.005	-0.023
VVA-225	VVA-225 CK	N/A	N/A	N/A
VVA-226	VVA-226 CK	N/A	N/A	N/A
VVA-227	VVA-227 CK	N/A	N/A	N/A
VVA-228	VVA-228 CK	-0.012	0.010	-0.011
VVA-229	VVA-229 CK	0.005	0.001	-0.005
VVA-230	VVA-230 CK	N/A	N/A	N/A

VVA-231	VVA-231 CK	N/A	N/A	N/A
VVA-232	VVA-232 CK	N/A	N/A	N/A
VVA-233	VVA-233 CK	0.003	-0.008	-0.010
VVA-234	VVA-234 CK	0.003	-0.005	-0.029
VVA-235	VVA-235 CK	-0.001	0.008	0.003
VVA-236	VVA-236 CK	N/A	N/A	N/A
VVA-237	VVA-237 CK	N/A	N/A	N/A
VVA-238	VVA-238 CK	N/A	N/A	N/A
VVA-239	VVA-239 CK	0.005	0.000	-0.001
VVA-240	VVA-240 CK	0.006	-0.002	-0.006
VVA-241	VVA-241 CK	-0.010	-0.009	0.001
VVA-242	VVA-242 CK	-0.002	-0.005	-0.019
VVA-243	VVA-243 CK	0.000	0.006	-0.004
VVA-244	VVA-244 CK	0.013	-0.001	0.036
VVA-245	VVA-245 CK	-0.004	0.007	0.004
VVA-246	VVA-246 CK	-0.003	-0.005	-0.003
VVA-247	VVA-247 CK	N/A	N/A	N/A
VVA-248	VVA-248 CK	N/A	N/A	N/A
VVA-249	VVA-249 CK	-0.004	-0.011	-0.027
VVA-250	VVA-250 CK	0.005	0.003	-0.039
VVA-251	VVA-251 CK	0.002	-0.007	0.010
VVA-252	VVA-252 CK	-0.005	0.002	-0.003
VVA-253	VVA-253 CK	-0.008	0.001	0.010
VVA-254	VVA-254 CK	0.008	0.007	0.040
VVA-255	VVA-255 CK	-0.012	-0.002	0.008
VVA-256	VVA-256 CK	0.022	-0.031	-0.018
VVA-257	VVA-257 CK	-0.012	-0.003	-0.007
VVA-258	VVA-258 CK	N/A	N/A	N/A
VVA-259	VVA-259 CK	-0.011	0.024	0.015
VVA-260	VVA-260 CK	0.015	0.009	0.039
VVA-261	VVA-261 CK	0.000	-0.008	0.020
VVA-262	VVA-262 CK	-0.012	0.009	0.037
VVA-263	VVA-263 CK	-0.017	0.003	0.044
VVA-264	VVA-264 CK	-0.028	0.003	0.027
VVA-265	VVA-265 CK	N/A	N/A	N/A
VVA-266	VVA-266 CK	N/A	N/A	N/A
VVA-267	VVA-267 CK	-0.004	-0.016	-0.032
VVA-268	VVA-268 CK	-0.002	-0.005	-0.001
VVA-269	VVA-269 CK	N/A	N/A	N/A
VVA-270	VVA-270 CK	N/A	N/A	N/A
VVA-271	VVA-271 CK	N/A	N/A	N/A
VVA-272	VVA-272 CK	N/A	N/A	N/A
VVA-273	VVA-273 CK	-0.009	0.002	0.030

VVA-274	VVA-274 CK	-0.018	0.003	0.027
VVA-275	VVA-275 CK	0.008	-0.007	0.001
VVA-276	VVA-276 CK	0.008	0.005	0.047
VVA-277	VVA-277 CK	-0.009	0.009	0.039
VVA-278	VVA-278 CK	N/A	N/A	N/A
VVA-279	VVA-279 CK	N/A	N/A	N/A
VVA-280	VVA-280 CK	0.042	-0.014	-0.038
VVA-281	VVA-281 CK	N/A	N/A	N/A
VVA-282	VVA-282 CK	N/A	N/A	N/A
VVA-283	VVA-283 CK	N/A	N/A	N/A
VVA-284	VVA-284 CK	-0.002	0.008	0.009
VVA-285	VVA-285 CK	N/A	N/A	N/A
VVA-286	VVA-286 CK	0.014	-0.014	-0.007
VVA-287	VVA-287 CK	N/A	N/A	N/A
VVA-288	VVA-288 CK	0.003	0.000	0.009
VVA-289	VVA-289 CK	0.026	-0.001	0.043
VVA-290	VVA-290 CK	N/A	N/A	N/A
VVA-291	VVA-291 CK	N/A	N/A	N/A
VVA-292	VVA-292 CK	0.038	-0.031	-0.034
VVA-293	VVA-293 CK	-0.001	-0.004	-0.002
VVA-294	VVA-294 CK	0.005	0.021	-0.029
VVA-295	VVA-295 CK	N/A	N/A	N/A
VVA-296	VVA-296 CK	0.000	-0.006	-0.007
VVA-297	VVA-297 CK	0.009	0.006	0.021
VVA-298	VVA-298 CK	0.005	-0.005	-0.001
VVA-299	VVA-299 CK	N/A	N/A	N/A
VVA-300	VVA-300 CK	0.032	-0.008	0.009
VVA-301	VVA-301 CK	N/A	N/A	N/A
VVA-302	VVA-302 CK	N/A	N/A	N/A
VVA-303	VVA-303 CK	N/A	N/A	N/A
VVA-304	VVA-304 CK	N/A	N/A	N/A
VVA-305	VVA-305 CK	N/A	N/A	N/A
VVA-306	VVA-306 CK	N/A	N/A	N/A
VVA-307	VVA-307 CK	N/A	N/A	N/A
VVA-308	VVA-308 CK	N/A	N/A	N/A
VVA-309	VVA-309 CK	N/A	N/A	N/A
VVA-310	VVA-310 CK	N/A	N/A	N/A
VVA-311	VVA-311 CK	0.026	-0.036	0.041
VVA-312	VVA-312 CK	-0.003	-0.004	0.037
VVA-313	VVA-313 CK	-0.003	-0.003	0.033
VVA-314	VVA-314 CK	0.016	0.010	0.013
VVA-315	VVA-315 CK	0.006	-0.016	-0.006
VVA-316	VVA-316 CK	N/A	N/A	N/A

VVA-317	VVA-317 CK	-0.002	0.003	-0.041
VVA-318	VVA-318 CK	0.003	0.003	0.027
VVA-319	VVA-319 CK	-0.010	0.009	0.025
VVA-320	VVA-320 CK	0.008	0.000	-0.029
VVA-321	VVA-321 CK	0.023	0.015	-0.005
VVA-322	VVA-322 CK	-0.005	0.007	0.019
VVA-323	VVA-323 CK	N/A	N/A	N/A
VVA-324	VVA-324 CK	N/A	N/A	N/A
VVA-325	VVA-325 CK	0.002	-0.020	-0.019
VVA-326	VVA-326 CK	-0.009	0.001	-0.016
VVA-327	VVA-327 CK	0.000	-0.004	-0.004
VVA-328	VVA-328 CK	0.011	0.000	-0.040
VVA-329	VVA-329 CK	-0.016	0.005	0.004
VVA-330	VVA-330 CK	-0.014	0.006	-0.003
VVA-331	VVA-331 CK	-0.021	0.023	-0.001
VVA-332	VVA-332 CK	N/A	N/A	N/A
VVA-333	VVA-333 CK	N/A	N/A	N/A
VVA-334	VVA-334 CK	0.003	0.011	0.001
VVA-335	VVA-335 CK	0.006	0.008	-0.006
VVA-336	VVA-336 CK	-0.002	0.011	-0.021
VVA-337	VVA-337 CK	0.007	0.015	-0.025
VVA-338	VVA-338 CK	-0.012	0.012	-0.046
VVA-339	VVA-339 CK	-0.034	-0.010	-0.032
VVA-340	VVA-340 CK	0.001	0.004	0.015
VVA-341	VVA-341 CK	0.003	0.016	0.044
VVA-342	VVA-342 CK	-0.026	-0.004	0.020
VVA-343	VVA-343 CK	0.012	0.015	0.046
VVA-344	VVA-344 CK	0.031	-0.017	-0.001
VVA-345	VVA-345 CK	0.016	-0.015	0.001
VVA-346	VVA-346 CK	N/A	N/A	N/A
VVA-347	VVA-347 CK	N/A	N/A	N/A
VVA-348	VVA-348 CK	N/A	N/A	N/A
VVA-349	VVA-349 CK	-0.019	-0.006	0.011
VVA-350	VVA-350 CK	N/A	N/A	N/A
VVA-351	VVA-351 CK	N/A	N/A	N/A
VVA-352	VVA-352 CK	N/A	N/A	N/A
VVA-353	VVA-353 CK	N/A	N/A	N/A
VVA-354	VVA-354 CK	-0.013	0.018	-0.013
VVA-355	VVA-355 CK	N/A	N/A	N/A
VVA-356	VVA-356 CK	N/A	N/A	N/A
VVA-357	VVA-357 CK	-0.015	0.003	0.040
VVA-358	VVA-358 CK	0.004	-0.001	-0.021
VVA-359	VVA-359 CK	-0.016	0.007	0.027

VVA-360	VVA-360 CK	N/A	N/A	N/A
VVA-361	VVA-361 CK	N/A	N/A	N/A
VVA-362	VVA-362 CK	N/A	N/A	N/A
VVA-363	VVA-363 CK	0.037	-0.003	0.028
VVA-364	VVA-364 CK	0.036	0.001	-0.022
VVA-365	VVA-365 CK	-0.012	0.005	0.041
VVA-366	VVA-366 CK	0.016	-0.007	-0.017
VVA-367	VVA-367 CK	0.010	-0.007	-0.003
VVA-368	VVA-368 CK	-0.005	-0.003	0.027
VVA-369	VVA-369 CK	0.007	-0.008	0.036
VVA-370	VVA-370 CK	N/A	N/A	N/A
VVA-371	VVA-371 CK	-0.012	0.005	0.002
VVA-372	VVA-372 CK	0.026	0.018	0.033
VVA-373	VVA-373 CK	-0.011	-0.034	0.032
VVA-374	VVA-374 CK	-0.015	-0.034	0.029
VVA-375	VVA-375 CK	0.001	-0.024	0.008
VVA-376	VVA-376 CK	-0.018	0.002	0.039
VVA-377	VVA-377 CK	N/A	N/A	N/A
VVA-378	VVA-378 CK	N/A	N/A	N/A
VVA-379	VVA-379 CK	N/A	N/A	N/A
VVA-380	VVA-380 CK	N/A	N/A	N/A
VVA-381	VVA-381 CK	N/A	N/A	N/A
VVA-382	VVA-382 CK	0.008	-0.002	-0.022
VVA-383	VVA-383 CK	N/A	N/A	N/A
VVA-384	VVA-384 CK	N/A	N/A	N/A
VVA-385	VVA-385 CK	-0.023	-0.004	0.026
VVA-386	VVA-386 CK	-0.004	-0.016	-0.043
VVA-387	VVA-387 CK	0.028	-0.014	0.010
VVA-388	VVA-388 CK	0.003	-0.006	-0.032
VVA-389	VVA-389 CK	0.002	-0.001	0.013
VVA-390	VVA-390 CK	N/A	N/A	N/A
VVA-391	VVA-391 CK	N/A	N/A	N/A
VVA-392	VVA-392 CK	N/A	N/A	N/A
VVA-393	VVA-393 CK	N/A	N/A	N/A
VVA-394	VVA-394 CK	N/A	N/A	N/A
VVA-395	VVA-395 CK	-0.031	-0.020	-0.009
VVA-396	VVA-396 CK	0.004	0.016	0.002
VVA-397	VVA-397 CK	0.021	0.008	0.027
VVA-398	VVA-398 CK	-0.011	-0.006	-0.032
VVA-399	VVA-399 CK	N/A	N/A	N/A
VVA-400	VVA-400 CK	N/A	N/A	N/A
VVA-401	VVA-401 CK	N/A	N/A	N/A
VVA-402	VVA-402 CK	N/A	N/A	N/A

VVA-403	VVA-403 CK	N/A	N/A	N/A
VVA-404	VVA-404 CK	N/A	N/A	N/A
VVA-405	VVA-405 CK	-0.007	-0.001	0.050
VVA-406	VVA-406 CK	-0.016	-0.007	-0.036
VVA-407	VVA-407 CK	-0.003	-0.009	0.031
VVA-408	VVA-408 CK	0.014	0.004	-0.050
VVA-409	VVA-409 CK	N/A	N/A	N/A
VVA-410	VVA-410 CK	N/A	N/A	N/A
VVA-411	VVA-411 CK	N/A	N/A	N/A
VVA-412	VVA-412 CK	0.015	-0.017	0.009
VVA-413	VVA-413 CK	N/A	N/A	N/A
VVA-414	VVA-414 CK	0.012	0.004	-0.021
VVA-415	VVA-415 CK	0.005	0.010	0.004
VVA-416	VVA-416 CK	N/A	N/A	N/A
VVA-417	VVA-417 CK	0.007	-0.009	0.038
VVA-418	VVA-418 CK	N/A	N/A	N/A
VVA-419	VVA-419 CK	N/A	N/A	N/A
VVA-420	VVA-420 CK	0.015	0.006	-0.008
VVA-421	VVA-421 CK	-0.003	-0.002	-0.010
VVA-422	VVA-422 CK	N/A	N/A	N/A
VVA-423	VVA-423 CK	-0.005	-0.008	-0.005
VVA-424	VVA-424 CK	N/A	N/A	N/A
VVA-425	VVA-425 CK	N/A	N/A	N/A
VVA-426	VVA-426 CK	N/A	N/A	N/A
VVA-427	VVA-427 CK	0.000	-0.004	0.047
VVA-428	VVA-428 CK	-0.007	0.005	0.003
VVA-429	VVA-429 CK	N/A	N/A	N/A
VVA-430	VVA-430 CK	-0.003	-0.003	0.045
VVA-431	VVA-431 CK	N/A	N/A	N/A
VVA-432	VVA-432 CK	N/A	N/A	N/A
VVA-433	VVA-433 CK	N/A	N/A	N/A
VVA-434	VVA-434 CK	N/A	N/A	N/A
VVA-435	VVA-435 CK	N/A	N/A	N/A
VVA-436	VVA-436 CK	N/A	N/A	N/A
VVA-437	VVA-437 CK	N/A	N/A	N/A
VVA-438	VVA-438 CK	N/A	N/A	N/A
VVA-439	VVA-439 CK	N/A	N/A	N/A
VVA-440	VVA-440 CK	N/A	N/A	N/A
VVA-441	VVA-441 CK	-0.009	-0.002	0.014
VVA-442	VVA-442 CK	0.003	0.007	0.005
VVA-443	VVA-443 CK	N/A	N/A	N/A
VVA-444	VVA-444 CK	0.002	0.003	-0.009
VVA-445	VVA-445 CK	0.015	-0.003	-0.031

VVA-446	VVA-446 CK	-0.008	-0.003	0.022
VVA-447	VVA-447 CK	0.008	-0.008	-0.006
VVA-448	VVA-448 CK	N/A	N/A	N/A
VVA-449	VVA-449 CK	0.008	-0.002	0.043
VVA-450	VVA-450 CK	0.012	0.021	-0.028
VVA-451	VVA-451 CK	-0.020	-0.001	-0.001
VVA-452	VVA-452 CK	-0.003	0.007	-0.045
VVA-453	VVA-453 CK	N/A	N/A	N/A
VVA-454	VVA-454 CK	N/A	N/A	N/A
VVA-455	VVA-455 CK	-0.005	-0.006	-0.003
VVA-456	VVA-456 CK	-0.024	0.019	0.007
VVA-457	VVA-457 CK	N/A	N/A	N/A
VVA-458	VVA-458 CK	N/A	N/A	N/A
VVA-459	VVA-459 CK	-0.006	0.008	0.024
VVA-460	VVA-460 CK	-0.004	-0.004	-0.004
VVA-461	VVA-461 CK	0.004	0.015	-0.012
VVA-462	VVA-462 CK	0.042	0.039	-0.324
VVA-463	VVA-463 CK	N/A	N/A	N/A
VVA-464	VVA-464 CK	N/A	N/A	N/A
VVA-465	VVA-465 CK	N/A	N/A	N/A
VVA-466	VVA-466 CK	N/A	N/A	N/A
VVA-467	VVA-467 CK	N/A	N/A	N/A
VVA-468	VVA-468 CK	N/A	N/A	N/A
VVA-469	VVA-469 CK	N/A	N/A	N/A
VVA-470	VVA-470 CK	-0.010	0.003	0.027
VVA-471	VVA-471 CK	N/A	N/A	N/A
VVA-472	VVA-472 CK	0.002	0.001	-0.009
VVA-473	VVA-473 CK	-0.002	0.003	0.015
VVA-474	VVA-474 CK	N/A	N/A	N/A
VVA-475	VVA-475 CK	0.026	0.007	-0.002
VVA-476	VVA-476 CK	N/A	N/A	N/A
VVA-477	VVA-477 CK	N/A	N/A	N/A
VVA-478	VVA-478 CK	N/A	N/A	N/A
VVA-479	VVA-479 CK	N/A	N/A	N/A
VVA-480	VVA-480 CK	N/A	N/A	N/A
VVA-481	VVA-481 CK	N/A	N/A	N/A
VVA-482	VVA-482 CK	N/A	N/A	N/A
VVA-483	VVA-483 CK	N/A	N/A	N/A
VVA-484	VVA-484 CK	N/A	N/A	N/A
VVA-485	VVA-485 CK	N/A	N/A	N/A