

ATTACHMENTS SECTION I

TABULAR RADAR DATA

RADAR DATA PLOTS

Falmouth ASR Radar Data

<u>HH</u>	<u>MM</u>	<u>SS</u>	<u>ALT</u>	<u>RANGE</u>	<u>ACP</u>	<u>DEG</u>	<u>ET</u>	<u>flmthnorth</u>	<u>flmtheast</u>
1	34	7.72	5000	41	2938	258	5647.72	-18.9677859	-36.1959523
1	34	12.34	4900	40.75	2935	258	5652.34	-19.0224717	-35.8881551
1	34	17.05	4900	40.56	2935	258	5657.05	-18.9360754	-35.7188923
1	34	21.79	4800	40.31	2934	258	5661.79	-18.8775868	-35.4683194
1	34	26.53	4800	40.06	2933	258	5666.53	-18.8182247	-35.2177228
1	34	31.15	4800	39.88	2931	258	5671.15	-18.8445807	-35.0015069
1	34	35.86	4700	39.63	2931	258	5675.86	-18.7296862	-34.7797826
1	34	40.6	4700	39.44	2927	257	5680.6	-18.8567356	-34.4990762
1	34	45.34	4700	39.19	2925	257	5685.34	-18.8466361	-34.2216508
1	34	49.96	4600	39	2927	257	5689.96	-18.6520155	-34.1098708
1	34	54.67	4600	38.75	2923	257	5694.67	-18.7456637	-33.7772601
1	34	59.41	4600	38.56	2924	257	5699.41	-18.6039754	-33.6374284
1	35	4.15	4500	38.38	2919	257	5704.15	-18.7788975	-33.3395585
1	35	8.86	4400	38.13	2921	257	5708.86	-18.5570151	-33.1755374
1	35	13.48	4400	37.94	2916	256	5713.48	-18.7227118	-32.8693851
1	35	18.22	4300	37.69	2917	256	5718.22	-18.5520223	-32.6780859
1	35	22.96	4300	37.5	2913	256	5722.96	-18.6625893	-32.40045
1	35	27.67	4200	37.31	2916	256	5727.67	-18.4203094	-32.3172861
1	35	32.29	4200	37.06	2911	256	5732.29	-18.5489213	-31.9605043
1	35	37.03	4100	36.88	2906	255	5737.03	-18.7078432	-31.6648332
1	35	41.77	4000	36.63	2905	255	5741.77	-18.6333557	-31.4198826
1	35	46.48	4000	36.44	2905	255	5746.48	-18.5392674	-31.2547792
1	35	51.21	3900	36.25	2903	255	5751.21	-18.5418505	-31.0347284
1	35	55.84	3800	36	2896	255	5755.84	-18.7517055	-30.6239282
1	36	0.46	3800	35.81	2896	255	5760.46	-18.6553479	-30.4601412
1	36	5.29	3700	35.56	2896	255	5765.29	-18.5287062	-30.2448779
1	36	10.02	3700	35.31	2892	254	5770.02	-18.5882945	-29.9189526
1	36	19.27	3500	34.88	2889	254	5779.27	-18.5058775	-29.4675571
1	36	23.89	3400	34.69	2888	254	5783.89	-18.4534531	-29.2775421
1	36	28.84	3400	34.5	2885	254	5788.84	-18.4907315	-29.0324729
1	36	33.46	3300	34.25	2882	253	5793.46	-18.4947439	-28.7368619
1	36	38.2	3300	34.06	2882	253	5798.2	-18.3948938	-28.575186
1	36	42.82	3200	33.88	2878	253	5802.82	-18.4769503	-28.3124763
1	36	47.53	3200	33.69	2875	253	5807.53	-18.5073129	-28.06885
1	36	52.15	3100	33.5	2874	253	5812.15	-18.4492727	-27.8809708
1	36	57.01	3100	33.31	2873	253	5817.01	-18.3905625	-27.6931233
1	37	1.72	3000	33.13	2871	252	5821.72	-18.3796365	-27.4867661
1	37	6.34	3000	32.94	2867	252	5826.34	-18.4468681	-27.2172003
1	37	11.08	2900	32.75	2864	252	5831.08	-18.4696301	-26.9756662
1	37	15.82	2900	32.56	2862	252	5835.82	-18.4487725	-26.7618734
1	37	20.44	2800	32.31	2862	252	5840.44	-18.3110615	-26.5534753
1	37	25.15	2800	32.13	2857	251	5845.15	-18.4168709	-26.2666511
1	37	29.89	2700	31.94	2856	251	5849.89	-18.3516716	-26.0817666
1	37	34.63	2700	31.75	2851	251	5854.63	-18.4468378	-25.7873262
1	37	39.34	2600	31.56	2853	251	5859.34	-18.2596016	-25.6853799
1	37	44.08	2600	31.38	2848	250	5864.08	-18.3567021	-25.4003776
1	37	48.7	2500	31.19	2847	250	5868.7	-18.288006	-25.2170578
1	37	53.44	2500	31	2844	250	5873.44	-18.2966103	-24.9793493
1	37	58.27	2500	30.81	2840	250	5878.27	-18.3419522	-24.7147676
1	38	2.89	2400	30.63	2836	249	5882.89	-18.3906898	-24.4588838

Falmouth ASR Radar Data

1	38	7.63	2300	30.5	2835	249	5887.63	-18.3528178	-24.3261726
1	38	12.25	2300	30.38	2829	249	5892.25	-18.5084913	-24.0641647
1	38	16.87	2200	30.25	2823	248	5896.87	-18.6549785	-23.7935561
1	38	21.58	2200	30.19	2820	248	5901.58	-18.7298877	-23.6619242
1	38	26.32	2100	30.13	2813	247	5906.32	-18.9505769	-23.4175075
1	38	30.94	2100	30.13	2811	247	5910.94	-19.0235611	-23.3607898
1	38	35.68	2200	30.19	2804	246	5915.68	-19.3149064	-23.2072933
1	38	40.39	2200	30.25	2800	246	5920.39	-19.4970894	-23.1380967
1	38	45.13	2300	30.31	2798	246	5925.13	-19.6069158	-23.1261255
1	38	49.87	2300	30.38	2795	246	5929.87	-19.7593622	-23.0920855
1	38	54.58	2300	30.44	2790	245	5934.58	-19.9773736	-22.989789
1	39	4.06	2400	30.5	2795	246	5944.06	-19.8353156	-23.1847314
1	39	8.77	2400	30.44	2786	245	5948.77	-20.1203892	-22.8696779
1	39	13.39	2400	30.44	2788	245	5953.39	-20.0489065	-22.9297629
1	39	27.37	2400	30.38	2749	242	5967.37	-21.36759	-21.675599
1	39	31.99	2400	30.38	2756	242	5971.99	-21.1293467	-21.8983954
1	39	36.73	2400	30.44	2740	241	5976.73	-21.7121817	-21.4284431
1	39	41.44	2500	30.44	2741	241	5981.44	-21.6785207	-21.4607999
1	39	46.3	2500	30.44	2747	241	5986.3	-21.4764222	-21.6547959
1	39	51.01	2500	30.44	2742	241	5991.01	-21.6449617	-21.4932616
1	39	55.63	2400	30.38	2738	241	5995.63	-21.7371006	-21.3203577
1	40	0.49	2400	30.31	2740	241	6000.49	-21.6215757	-21.3352047
1	40	5.11	2300	30.13	2733	240	6005.11	-21.7270584	-20.9795604
1	40	9.82	2200	30	2730	240	6009.82	-21.7333395	-20.7899551
1	40	14.35	2200	29.81	2729	240	6014.35	-21.6311162	-20.6233425
1	40	19.18	2100	29.69	2721	239	6019.18	-21.8015466	-20.2789933
1	40	23.92	1800	29.69	2717	239	6023.92	-21.9284147	-20.1482696
1	40	28.63	1500	29.75	2712	238	6028.63	-22.1293397	-20.0248187

ACK ASR Radar Data

<u>HH</u>	<u>MM</u>	<u>SS</u>	<u>ALT</u>	<u>RANGE</u>	<u>ACP</u>	<u>DEG</u>	<u>ET</u>	<u>acknorth</u>	<u>ackeast</u>
1	38	29.85	2100	44.97	3345	294	5909.85	-18.55489	-23.5688
1	38	34.38	2100	44.84	3339	293	5914.38	-18.98312	-23.503
1	38	39.21	2200	44.72	3333	293	5919.21	-19.40818	-23.4429
1	38	43.83	2200	44.64	3335	293	5923.83	-19.28363	-23.3446
1	38	48.33	2300	44.55	3333	293	5928.33	-19.43168	-23.2744
1	38	52.95	2300	44.48	3331	293	5932.95	-19.57653	-23.2237
1	38	57.57	2300	44.39	3329	293	5937.57	-19.72365	-23.1527
1	39	2.31	2400	44.3	3328	293	5942.31	-19.80292	-23.0723
1	39	6.81	2400	44.17	3325	292	5946.81	-20.02147	-22.9695
1	39	11.34	2400	44.02	3321	292	5951.34	-20.30841	-22.8539
1	39	15.84	2400	43.86	3320	292	5955.84	-20.39439	-22.703
1	39	20.58	2400	43.72	3320	292	5960.58	-20.41096	-22.564
1	39	25.2	2400	43.58	3315	291	5965.2	-20.75957	-22.4633
1	39	29.91	2400	43.45	3314	291	5969.91	-20.84021	-22.3414
1	39	34.32	2400	43.31	3314	291	5974.32	-20.8555	-22.2022
1	39	38.94	2400	43.2	3313	291	5978.94	-20.93338	-22.1001
1	39	43.56	2500	43.08	3310	291	5983.56	-21.14346	-22.0015
1	39	48.18	2500	42.95	3313	291	5988.18	-20.96032	-21.8514
1	39	52.92	2500	42.81	3305	290	5992.92	-21.49801	-21.7655
1	39	57.42	2400	42.64	3306	291	5997.42	-21.44912	-21.5902
1	40	1.83	2400	42.44	3308	291	6001.83	-21.33896	-21.3783
1	40	15.78	2100	41.78	3307	291	6015.78	-21.46872	-20.7283
1	40	20.4	2100	41.58	3304	290	6020.4	-21.67888	-20.5477
1	40	24.93	1800	41.38	3303	290	6024.93	-21.76084	-20.3549
1	40	29.43	1500	41.28	3304	290	6029.43	-21.707	-20.2497
1	40	34.26	1000	41.38	3292	289	6034.26	-22.45652	-20.4143

Navy VACAPES Data

<u>HH</u>	<u>MM</u>	<u>SS</u>	<u>ALT</u>	<u>RANGE</u>	<u>DEG</u>	<u>ET</u>	<u>vacnorth</u>	<u>vaceast</u>
1	35	20.1	4200	67	232.82	5720.1	-18.5324	-32.1548
1	35	32.1	4000	66.5	232.38	5732.1	-18.6361	-31.4465
1	35	43.9	3800	66	232.03	5743.9	-18.6496	-30.8037
1	35	55.8	3700	65.53	231.77	5755.8	-18.5945	-30.2498
1	36	7.9	3500	65	231.33	5767.9	-18.6576	-29.5233
1	36	19.9	3300	64.5	231.15	5779.9	-18.5034	-29.0063
1	36	44.1	3100	63.63	230.54	5804.1	-18.4831	-27.9012
1	36	55.9	3000	63.13	230.14	5815.9	-18.5047	-27.2339
1	37	8	2800	62.63	230.01	5828	-18.2933	-26.7591
1	37	19.8	2700	62.25	229.66	5839.8	-18.3398	-26.2228
1	37	31.9	2600	61.75	229.48	5851.9	-18.1638	-25.716
1	37	43.9	2500	61.23	228.96	5863.9	-18.2468	-24.9578
1	37	55.9	2300	60.88	228.34	5875.9	-18.5117	-24.2587
1	38	7.8	2200	60.63	227.81	5887.8	-18.7629	-23.6973
1	38	20	2200	60.63	227.46	5900	-19.0365	-23.4478
1	38	31.9	2200	60.88	227.11	5911.9	-19.4788	-23.3797
1	38	43.8	2300	61.44	226.49	5923.8	-20.3445	-23.3348
1	38	55.9	2500	61.13	226.14	5935.9	-20.4009	-22.8519
1	39	19.9	2400	61	225.35	5959.9	-20.9133	-22.1713
1	39	31.6	2500	61.13	224.82	5971.6	-21.405	-21.8645
1	39	43.7	2400	61	224.3	5983.7	-21.7013	-21.3785
1	39	55.7	2200	60.75	224.03	5995.7	-21.722	-20.9987
1	40	7.7	2100	60.38	223.42	6007.7	-21.9004	-20.277
1	40	19.7	1200	60.63	223.07	6019.7	-22.3362	-20.1795

New York ARTCC ARSR Radar Data
N9253N

<u>HH</u>	<u>MM</u>	<u>SS</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>	<u>ALT</u>	<u>NORTH NM</u>	<u>EAST NM</u>
0	44	46	40.985033	-74.1420038	1700	-37.2249403	-163.935899
0	44	58	40.987255	-74.136726	1800	-37.1017313	-163.691898
0	45	10	40.990033	-74.1286704	1900	-36.9504314	-163.320823
0	45	34	41.004755	-74.1128371	1800	-36.0970787	-162.567463
0	46	10	41.020033	-74.0861704	1700	-35.2305129	-161.323006
0	46	22	41.024477	-74.0750593	1700	-34.984615	-160.809509
0	46	34	41.035588	-74.0617259	1700	-34.3428656	-160.179292
0	46	46	41.037811	-74.0536704	1600	-34.2243931	-159.809188
0	46	58	41.041977	-74.0458926	1700	-33.9888979	-159.447706
0	47	10	41.048922	-74.0350592	1700	-33.592281	-158.940986
0	47	22	41.046977	-74.0267259	1700	-33.7242277	-158.568887
0	47	34	41.051144	-74.0161703	1600	-33.4935398	-158.081167
0	47	46	41.053922	-74.0022814	1500	-33.3521828	-157.446135
0	47	58	41.062533	-73.9917259	1500	-32.8548298	-156.948267
0	48	10	41.073088	-73.9839481	1500	-32.2357431	-156.571434
0	48	22	41.068922	-73.9783925	1500	-32.4957463	-156.330259
0	48	34	41.077533	-73.9706147	1400	-31.9931668	-155.957808
0	48	46	41.081977	-73.9595036	1400	-31.7465763	-155.445065
0	48	58	41.0842	-73.948948	1400	-31.6322288	-154.96275
0	49	10	41.0867	-73.9378369	1300	-31.5020766	-154.454333
0	49	22	41.086977	-73.9267258	1300	-31.5052404	-153.951544
0	49	35	41.091144	-73.918948	1400	-31.2692063	-153.590645
0	49	47	41.097811	-73.9106147	1400	-30.8840784	-153.198467
0	49	59	41.1042	-73.9028369	1400	-30.5145929	-152.832112
0	50	11	41.110588	-73.8975591	1300	-30.1405889	-152.5784
0	50	23	41.1192	-73.8953369	1200	-29.6278744	-152.457582
0	50	35	41.125589	-73.8903369	1200	-29.2534317	-152.216866
0	50	47	41.136144	-73.8906147	1300	-28.6198007	-152.205215
0	50	59	41.144477	-73.8853369	1300	-28.1291867	-151.947512
0	51	11	41.150311	-73.8886702	1400	-27.7734544	-152.084819
0	51	23	41.158922	-73.8831147	1500	-27.2667219	-151.814352
0	51	35	41.163366	-73.8806147	1500	-27.0044961	-151.691176
0	51	47	41.169755	-73.8753369	1700	-26.6306206	-151.438851
0	51	59	41.176144	-73.8700591	1900	-26.2567257	-151.186567
0	52	11	41.180589	-73.8622813	2100	-26.0038259	-150.825993
0	52	23	41.182533	-73.8570035	2200	-25.8964486	-150.583684
0	52	35	41.182811	-73.8486702	2400	-25.8944183	-150.207687
0	52	47	41.183089	-73.8403368	2500	-25.8922897	-149.83133
0	52	59	41.183366	-73.8320035	2700	-25.8901866	-149.45533
0	53	11	41.183644	-73.8239479	2700	-25.8874438	-149.091151
0	53	23	41.183644	-73.8156146	2900	-25.9019336	-148.715781
0	53	35	41.183644	-73.807559	3100	-25.9159101	-148.352942
0	53	47	41.184477	-73.7961701	3350	-25.8855978	-147.837951
0	54	11	41.1867	-73.7828368	3600	-25.7752078	-147.232079
0	54	23	41.188922	-73.7742257	3800	-25.6566696	-146.839168
0	54	35	41.1892	-73.7664479	3900	-25.6532727	-146.487895
0	54	47	41.191422	-73.7578368	4000	-25.5345972	-146.094664
0	54	59	41.1917	-73.7497812	4200	-25.5316626	-145.731214
0	55	11	41.191977	-73.7417257	4200	-25.5285718	-145.367066
0	55	23	41.191977	-73.7333923	4400	-25.542701	-144.991695

New York ARTCC ARSR Radar Data
N9253N

0	55	35	41.192255	-73.7220034	4500	-25.5451809	-144.477466
0	55	47	41.190311	-73.7108923	4600	-25.6804553	-143.98067
0	55	59	41.1842	-73.705059	4700	-26.0568783	-143.731203
0	56	11	41.182811	-73.6967256	4900	-26.154181	-143.358816
0	56	23	41.178644	-73.6886701	5000	-26.4175856	-143.004683
0	56	35	41.176977	-73.6803367	5000	-26.5313596	-142.632162
0	56	47	41.174755	-73.6689478	5200	-26.6835872	-142.123575
0	56	59	41.177533	-73.6581145	5300	-26.5347824	-141.628846
0	57	11	41.179477	-73.6528367	5500	-26.4268914	-141.38707
0	57	23	41.179477	-73.6445034	5600	-26.4405766	-141.01124
0	57	35	41.180033	-73.6333922	5500	-26.4252867	-140.508149
0	57	47	41.186422	-73.6228367	5500	-26.059099	-140.017972
0	57	59	41.188922	-73.6120033	5500	-25.9266307	-139.523657
0	58	11	41.188922	-73.6008922	5500	-25.9445464	-139.022162
0	58	23	41.186977	-73.5897811	5500	-26.0790638	-138.524788
0	58	35	41.185589	-73.5756144	5500	-26.1850642	-137.888286
0	58	47	41.187811	-73.5650589	5500	-26.0685515	-137.407156
0	58	59	41.188366	-73.5508922	5500	-26.0577016	-136.766558
0	59	11	41.188366	-73.5403366	5500	-26.0743859	-136.290118
0	59	23	41.190589	-73.5264477	5500	-25.9629149	-135.658602
0	59	35	41.1892	-73.512281	5500	-26.0684469	-135.022054
0	59	47	41.187255	-73.5014477	5500	-26.2020197	-134.537077
0	59	59	41.191422	-73.4903366	5500	-25.9692874	-134.026988
1	00	11	41.192255	-73.4767254	5500	-25.9403575	-133.410937
1	00	23	41.191977	-73.4658921	5500	-25.9737266	-132.922534
1	00	35	41.192811	-73.4517254	5500	-25.9454732	-132.281419
1	00	47	41.190866	-73.4408921	5500	-26.0787044	-131.796372
1	00	59	41.191144	-73.4270032	5500	-26.0831787	-131.168907
1	01	11	41.191422	-73.4161698	5500	-26.0829318	-130.679362
1	01	23	41.193644	-73.4025587	5500	-25.9701359	-130.060563
1	01	35	41.193644	-73.3911698	5500	-25.9872508	-129.546511
1	01	47	41.194477	-73.3775587	5500	-25.9576135	-128.930507
1	01	59	41.1942	-73.3667254	5500	-25.990421	-128.442076
1	02	11	41.192811	-73.3525587	5500	-26.0947729	-127.805357
1	02	23	41.196977	-73.3420031	5500	-25.8603462	-127.320776
1	02	35	41.195589	-73.3278364	5500	-25.9645149	-126.684052
1	02	47	41.195311	-73.3172809	5500	-25.996635	-126.208147
1	02	59	41.197811	-73.3031142	5500	-25.8672711	-125.563897
1	03	11	41.196144	-73.2922809	5500	-25.9829965	-125.07812
1	03	23	41.196422	-73.2811697	5500	-25.9823858	-124.576068
1	03	35	41.1967	-73.2672808	5500	-25.9856986	-123.948636
1	03	47	41.198922	-73.2567253	5500	-25.8674719	-123.467985
1	03	59	41.1992	-73.2428364	5500	-25.8706066	-122.840575
1	04	11	41.1992	-73.2317253	5500	-25.8863763	-122.339064
1	04	23	41.199477	-73.2181141	5500	-25.8889379	-121.724191
1	04	35	41.200033	-73.2039475	5500	-25.8755132	-121.083728
1	04	47	41.200311	-73.1928363	5500	-25.8743885	-120.581701
1	04	59	41.200311	-73.1792252	5500	-25.8933414	-119.967346
1	05	11	41.200866	-73.1681141	5500	-25.8754045	-119.464811
1	05	23	41.201144	-73.1575585	5500	-25.8733062	-118.987865
1	05	35	41.203089	-73.1433918	5500	-25.7760895	-118.344906

New York ARTCC ARSR Radar Data
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1	05	47	41.2017	-73.1295029	5500	-25.8784117	-117.720529
1	05	59	41.201977	-73.1189474	5500	-25.8761001	-117.243588
1	06	11	41.203922	-73.1050585	5500	-25.7782212	-116.613215
1	06	23	41.2042	-73.0942251	5500	-25.7761477	-116.123752
1	06	35	41.202811	-73.0800585	5500	-25.8784851	-115.486786
1	06	47	41.2067	-73.0695029	5500	-25.6592055	-115.00349
1	06	59	41.205311	-73.0583918	5500	-25.7573116	-114.504432
1	07	11	41.205589	-73.0445029	5500	-25.7590044	-113.877063
1	07	23	41.205589	-73.030614	5500	-25.7772653	-113.250178
1	07	36	41.207811	-73.0197806	5500	-25.6580866	-112.757366
1	07	47	41.208366	-73.0086695	5500	-25.6392212	-112.254914
1	07	59	41.208089	-72.9950584	5500	-25.6735315	-111.641058
1	08	12	41.208644	-72.9839473	5500	-25.6545224	-111.138613
1	08	24	41.208922	-72.9731139	5500	-25.651762	-110.649181
1	08	36	41.211144	-72.959225	5500	-25.5361499	-110.018563
1	08	48	41.211422	-72.9450584	5500	-25.5374731	-109.378705
1	09	0	41.2117	-72.9345028	5500	-25.5341417	-108.901831
1	09	12	41.213922	-72.9233917	5500	-25.4147637	-108.396655
1	09	24	41.2142	-72.9095028	5500	-25.4154743	-107.769358
1	09	36	41.214477	-72.8956139	5500	-25.4160841	-107.142063
1	09	48	41.2167	-72.8850583	5500	-25.2957926	-106.662032
1	10	0	41.218922	-72.8739472	5500	-25.1761253	-106.15696
1	10	12	41.218922	-72.8603361	5500	-25.1928061	-105.542693
1	10	24	41.2192	-72.8492249	5500	-25.1896817	-105.040801
1	10	36	41.219755	-72.8350583	5500	-25.1735189	-104.400569
1	10	48	41.2217	-72.8214471	5500	-25.0732348	-103.783208
1	11	0	41.221977	-72.810336	5500	-25.069884	-103.281336
1	11	12	41.2242	-72.7997805	5500	-24.9491187	-102.801475
1	11	24	41.224477	-72.7856138	5500	-24.9492584	-102.161733
1	11	36	41.225033	-72.7747804	5500	-24.9287022	-101.671985
1	11	48	41.227255	-72.7608915	5500	-24.8116419	-101.041774
1	12	00	41.227255	-72.7500582	5500	-24.8242852	-100.552908
1	12	12	41.227811	-72.7361693	5500	-24.8070647	-99.925303
1	12	24	41.227811	-72.7222804	5500	-24.8230834	-99.2985506
1	12	37	41.230033	-72.7111693	5500	-24.7024647	-98.7937809
1	12	49	41.232255	-72.7006137	5500	-24.5811487	-98.3141117
1	13	01	41.232533	-72.686447	5500	-24.5805525	-97.6744431
1	13	13	41.232811	-72.6758915	5500	-24.5757908	-97.1977231
1	13	25	41.233089	-72.6617248	5500	-24.5750114	-96.5580587
1	13	37	41.235033	-72.6511692	5500	-24.4700913	-96.0788879
1	13	49	41.235589	-72.6400581	5500	-24.4490791	-95.5767115
1	14	01	41.237533	-72.6261692	5500	-24.3477061	-94.9471802
1	14	13	41.237811	-72.6122803	5500	-24.3462543	-94.3200934
1	14	25	41.238089	-72.601447	5500	-24.3413845	-93.8308793
1	14	37	41.238366	-72.5903359	5500	-24.3367534	-93.3291337
1	14	49	41.240311	-72.576447	5500	-24.235018	-92.6996845
1	15	01	41.240589	-72.5625581	5500	-24.2332048	-92.0726225
1	15	13	41.241144	-72.5520025	5500	-24.2110877	-91.5955732
1	15	25	41.243366	-72.5378358	5500	-24.0926947	-90.953273
1	15	37	41.243644	-72.5242247	5500	-24.0903102	-90.3387721
1	15	49	41.243644	-72.5131136	5500	-24.1019006	-89.8374529

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1	16	50	41.248644	-72.4528357	5500	-23.8635774	-87.1110818
1	17	02	41.250866	-72.4389468	5500	-23.7441687	-86.4815173
1	17	14	41.2492	-72.4250579	5500	-23.8580528	-85.8571138
1	17	26	41.251422	-72.4142246	5500	-23.7354238	-85.3654427
1	17	38	41.253366	-72.4003357	5500	-23.6324047	-84.736317
1	17	50	41.253644	-72.3895024	5500	-23.6263327	-84.2472241
1	18	02	41.253922	-72.3753357	5500	-23.6234292	-83.6077542
1	18	14	41.256144	-72.3617246	5500	-23.5031887	-82.9908744
1	18	26	41.256422	-72.3506134	5500	-23.497163	-82.4892723
1	18	38	41.258366	-72.3397801	5500	-23.3907815	-81.9981071
1	18	50	41.258922	-72.326169	5500	-23.3703144	-81.3833977
1	19	02	41.260866	-72.3120023	5500	-23.2669133	-80.741914
1	19	14	41.2592	-72.301169	5500	-23.3770398	-80.2552745
1	19	26	41.261144	-72.2875578	5500	-23.2729409	-79.6388833
1	19	38	41.263366	-72.2733912	5500	-23.1525815	-78.9971287
1	19	50	41.263644	-72.2628356	5500	-23.1455369	-78.5206455
1	20	02	41.2642	-72.2486689	5500	-23.1250228	-77.8809404
1	20	14	41.266144	-72.23478	5500	-23.0207974	-77.2521269
1	20	26	41.266422	-72.2239467	5500	-23.0137865	-76.763136
1	20	38	41.268366	-72.2103355	5500	-22.9091361	-76.146902
1	20	50	41.268644	-72.1995022	5500	-22.9019866	-75.6579288
1	21	02	41.270866	-72.1853355	5500	-22.7809727	-75.016366
1	21	14	41.2692	-72.1745022	5500	-22.8903833	-74.5296369
1	21	26	41.271422	-72.1608911	5500	-22.7687084	-73.9131715
1	21	50	41.2717	-72.1328355	5500	-22.7758448	-72.6474199
1	22	02	41.273922	-72.1222799	5500	-22.6513212	-72.1688508
1	22	14	41.275866	-72.108391	5500	-22.5461754	-71.5402776
1	22	26	41.276422	-72.0945021	5500	-22.5242878	-70.9132512
1	22	38	41.276422	-72.083391	5500	-22.5333801	-70.4121164
1	22	50	41.2767	-72.0695021	5500	-22.5279829	-69.7853982
1	23	02	41.278922	-72.0586688	5500	-22.4033314	-69.2944265
1	23	14	41.278922	-72.0420021	5500	-22.4166335	-68.5427453
1	23	26	41.2792	-72.0311687	5500	-22.4085299	-68.0538604
1	23	38	41.281144	-72.0172798	5500	-22.302721	-67.4254449
1	23	50	41.281144	-72.0033909	5500	-22.3135156	-66.7990585
1	24	02	41.2817	-71.989502	5500	-22.2908651	-66.1721055
1	24	14	41.283922	-71.9789465	5500	-22.1655476	-65.6938113
1	24	26	41.283644	-71.9650576	5500	-22.192736	-65.0677229
1	24	39	41.286144	-71.9539465	5500	-22.0510265	-64.5641481
1	24	51	41.286422	-71.9400576	5500	-22.0446888	-63.937527
1	25	03	41.286422	-71.9261687	5500	-22.0549226	-63.311179
1	25	15	41.288366	-71.9153353	5500	-21.9461289	-62.8207504
1	25	27	41.290866	-71.9017242	5500	-21.805932	-62.2045558
1	25	39	41.290866	-71.8878353	5500	-21.8158873	-61.5782447
1	25	51	41.293089	-71.8739464	5500	-21.6923626	-60.9498514
1	26	02	41.295311	-71.8628353	5500	-21.5667942	-60.4467534
1	26	15	41.293366	-71.8489464	5500	-21.693174	-59.8222657
1	26	27	41.297533	-71.8353352	5500	-21.4524686	-59.2047077
1	26	39	41.297811	-71.8245019	5500	-21.4431937	-58.7159771
1	26	51	41.297811	-71.8103352	5500	-21.452775	-58.0771962
1	27	03	41.300033	-71.7970019	5500	-21.3283165	-57.474027

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1	27	15	41.302255	-71.7858908	5500	-21.2022998	-56.9710917
1	27	27	41.302533	-71.7717241	5500	-21.1949223	-56.3321086
1	27	39	41.304478	-71.7608907	5500	-21.0852513	-55.8419909
1	27	51	41.304478	-71.7442241	5500	-21.0959581	-55.0905501
1	28	03	41.305033	-71.7333907	5500	-21.0694943	-54.6016462
1	28	15	41.307255	-71.7225574	5500	-20.942933	-54.1113638
1	28	27	41.3092	-71.7056129	5500	-20.8367685	-53.3458316
1	28	39	41.309478	-71.6945018	5500	-20.8269286	-52.8446763
1	28	51	41.311422	-71.6839462	5500	-20.7166507	-52.3672293
1	29	03	41.313644	-71.6700573	5500	-20.5916421	-51.7393187
1	29	15	41.313922	-71.6558907	5500	-20.5834065	-51.100454
1	29	27	41.317811	-71.6422795	5500	-20.3579943	-50.4838359
1	29	39	41.316144	-71.6314462	5500	-20.4643355	-49.9967685
1	29	51	41.316422	-71.6172795	5500	-20.4558139	-49.3579308
1	30	03	41.320311	-71.6036684	5500	-20.2301262	-48.7414356
1	30	15	41.320589	-71.5925573	5500	-20.219694	-48.2403753
1	30	27	41.320866	-71.5758906	5500	-20.2122611	-47.4888923
1	30	39	41.322811	-71.5681128	5500	-20.0998127	-47.1368867
1	30	51	41.324755	-71.5511684	5500	-19.9922782	-46.3717216
1	31	03	41.325033	-71.540335	5500	-19.9813933	-45.8832213
1	31	15	41.3292	-71.5264461	5500	-19.738629	-45.2542924
1	31	27	41.327255	-71.5125572	5500	-19.8625704	-44.6296352
1	31	39	41.3292	-71.5014461	5500	-19.7515706	-44.1275069
1	31	51	41.3317	-71.4908905	5500	-19.6068791	-43.6500736
1	32	03	41.3317	-71.4770016	5500	-19.6138511	-43.0241025
1	32	15	41.333644	-71.4631127	5500	-19.5040106	-42.3968622
1	32	27	41.3342	-71.4520016	5500	-19.4760888	-41.8957402
1	32	39	41.335866	-71.4353349	5500	-19.3840655	-41.1435442
1	32	51	41.338089	-71.4242238	5500	-19.2559433	-40.641406
1	33	03	41.338089	-71.4106127	5500	-19.2623027	-40.0280078
1	33	15	41.342533	-71.3995016	5500	-19.0006509	-39.5245719
1	33	27	41.340311	-71.3828349	5500	-19.1415951	-38.7748456
1	33	36	41.338644	-71.368946	5500	-19.2478226	-38.1499244
1	33	48	41.340589	-71.3583904	5400	-19.1356996	-37.6730112
1	34	00	41.340589	-71.3445015	5200	-19.1416187	-37.0469368
1	34	12	41.342811	-71.3275571	5100	-19.0153843	-36.2820173
1	34	48	41.347255	-71.2892237	4800	-18.764206	-34.5519916
1	35	00	41.347533	-71.2753348	4700	-18.7529968	-33.9259354
1	35	00	41.347533	-71.2753348	4700	-18.7529968	-33.9259354
1	35	12	41.349478	-71.2614459	4500	-18.6416041	-33.2989529
1	35	24	41.351422	-71.2503348	4400	-18.5291026	-32.7972482
1	35	36	41.351978	-71.2364459	4300	-18.5009389	-32.1711091
1	35	48	41.349755	-71.2228348	4100	-18.6392576	-31.5587712
1	36	00	41.349755	-71.2092236	3900	-18.644096	-30.9453382
1	36	12	41.3517	-71.1953347	3800	-18.5322704	-30.3185598
1	36	24	41.350033	-71.1783903	3600	-18.6380943	-29.5557248
1	36	36	41.353922	-71.1672792	3400	-18.40836	-29.0532123
1	36	48	41.3542	-71.1567236	3300	-18.3951669	-28.5774485
1	37	00	41.353922	-71.1425569	3200	-18.4164331	-27.9392351
1	37	12	41.352255	-71.1289458	3100	-18.5207814	-27.3266324
1	37	24	41.356422	-71.1175569	2900	-18.2741767	-26.8116551

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1	37	36	41.356422	-71.1070013	2800	-18.2773825	-26.3360402
1	37	48	41.358644	-71.0958902	2700	-18.1473169	-25.8345148
1	38	00	41.358366	-71.0792235	2600	-18.1688615	-25.0837181
1	38	12	41.3542	-71.0625569	2400	-18.4236304	-24.3343151
1	38	24	41.350033	-71.0517235	2300	-18.6766943	-23.8477069
1	38	36	41.346144	-71.0461679	2200	-18.9115882	-23.5987491
1	38	48	41.338089	-71.0433902	2300	-19.395888	-23.47655
1	39	00	41.329478	-71.034779	2400	-19.9150999	-23.0916058
1	39	12	41.323089	-71.032279	2600	-20.2993284	-22.9812959
1	39	36	41.314755	-71.0153346	2500	-20.8038874	-22.2203102
1	39	48	41.306422	-71.0100568	2600	-21.3054617	-21.9852495
1	40	00	41.300589	-70.9989457	2500	-21.6583284	-21.4861561
1	40	12	41.300589	-70.9906123	2300	-21.6602802	-21.1102965
1	40	24	41.298366	-70.9739457	2200	-21.7976091	-20.3594283

Air Force
84th RADES Radar Data

Query Output											
Id	Trk	Time	MsgType	Height	MC	M3	Lat	Lon			
RIV	52	00:44:47.020	Bcn		1600	1200	40 58 59.550 N	074 08 34.641 W			
RIV	52	00:44:58.980	Bcn		1700	1200	40 59 08.781 N	074 07 49.478 W			
RIV	52	00:45:11.040	Bcn		1800	1200	40 59 20.484 N	074 07 42.416 W			
RIV	52	00:45:34.795	Bcn		1700	1200	41 00 10.828 N	074 06 46.037 W			
RIV	52	00:46:10.950	Bcn		1600	1200	41 01 08.170 N	074 05 07.555 W			
RIV	52	00:46:22.795	Bcn		1600	1200	41 01 22.865 N	074 04 35.135 W			
RIV	52	00:46:34.850	Reinf	102000	1600	1200	41 02 05.195 N	074 03 47.570 W			
RIV	52	00:46:46.915	Reinf	102000	1500	1200	41 02 13.501 N	074 03 15.980 W			
RIV	52	00:46:58.840	Reinf	102000	1600	1200	41 02 27.351 N	074 02 43.212 W			
RIV	52	00:47:11.015	Bcn		1600	1200	41 02 52.288 N	074 02 08.065 W			
RIV	52	00:47:22.950	Reinf	102000	1600	1200	41 02 48.781 N	074 01 38.690 W			
RIV	52	00:47:34.885	Bcn		1500	1200	41 03 00.811 N	074 00 56.005 W			
RIV	52	00:47:46.960	Bcn		1400	1200	41 03 12.551 N	074 00 13.273 W			
RIV	52	00:47:58.905	Bcn		1400	1200	41 03 41.704 N	073 59 36.457 W			
RIV	52	00:48:10.835	Reinf	102000	0	1200	41 04 19.455 N	073 58 44.146 W			
RIV	52	00:48:22.890	Reinf	800	1400	1200	41 04 02.228 N	073 58 41.163 W			
RIV	52	00:48:34.950	Reinf	102000	1300	1200	41 04 37.171 N	073 58 12.180 W			
RIV	52	00:48:47.000	Reinf	102000	1300	1200	41 04 48.851 N	073 57 38.776 W			
RIV	52	00:48:58.950	Bcn		1300	1200	41 04 58.794 N	073 56 55.612 W			
RIV	52	00:49:10.975	Bcn		1200	1200	41 05 08.450 N	073 56 12.437 W			
RIV	52	00:50:23.200	Reinf	102000	1100	1200	41 07 08.780 N	073 53 43.328 W			
RIV	52	00:50:35.120	Bcn		1100	1200	41 07 32.159 N	073 53 25.054 W			
RIV	52	00:50:47.195	Reinf	800	1200	1200	41 08 09.390 N	073 53 22.053 W			
RIV	52	00:50:59.130	Reinf	800	1200	1200	41 08 39.583 N	073 53 10.866 W			
RIV	52	00:51:11.190	Reinf	102000	1300	1200	41 08 56.737 N	073 53 14.654 W			
RIV	52	00:51:23.125	Reinf	1200	1400	1200	41 09 26.872 N	073 53 02.872 W			
RIV	52	00:51:35.280	Reinf	800	1400	1200	41 09 46.918 N	073 52 54.822 W			
RIV	52	00:51:47.135	Reinf	1200	1600	1200	41 10 09.659 N	073 52 35.026 W			
RIV	52	00:51:59.290	Reinf	1200	1800	1200	41 10 32.227 N	073 52 15.018 W			
RIV	52	00:52:11.115	Reinf	102000	2000	1200	41 10 47.328 N	073 51 47.537 W			
RIV	52	00:52:23.160	Reinf	1600	2100	1200	41 10 52.419 N	073 51 24.343 W			
RIV	52	00:52:35.230	Reinf	102000	2300	1200	41 10 55.005 N	073 50 51.716 W			
RIV	52	00:52:47.150	Reinf	2400	2400	1200	41 10 59.875 N	073 50 28.527 W			
RIV	52	00:52:59.230	Reinf	102000	2600	1200	41 10 57.396 N	073 49 58.111 W			
RIV	52	00:53:11.155	Reinf	2000	2600	1200	41 10 59.621 N	073 49 25.574 W			

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RIV	52	00:53:23.115	Reinf	2800	2800	1200	41 10 56.966 N	073 48 55.203 W		
RIV	52	00:53:35.035	Reinf	2400	3000	1200	41 10 58.931 N	073 48 22.671 W		
RIV	52	00:53:47.090	Reinf	3200	3200	1200	41 11 00.753 N	073 47 50.160 W		
RIV	52	00:54:11.210	Bcn		3500	1200	41 11 11.118 N	073 46 52.357 W		
RIV	52	00:54:23.160	Bcn		3700	1200	41 11 15.087 N	073 46 29.222 W		
RIV	52	00:54:35.185	Reinf	3200	3800	1200	41 11 20.869 N	073 45 54.574 W		
RIV	52	00:54:47.155	Reinf	3600	3900	1200	41 11 24.598 N	073 45 31.474 W		
RIV	52	00:54:59.185	Reinf	4000	4100	1200	41 11 30.005 N	073 44 56.820 W		
RIV	52	00:55:11.020	Reinf	4000	4100	1200	41 11 30.795 N	073 44 24.491 W		
RIV	52	00:55:23.085	Reinf	3600	4300	1200	41 11 27.052 N	073 43 54.393 W		
RIV	52	00:55:35.145	Reinf	4000	4400	1200	41 11 27.587 N	073 43 22.099 W		
RIV	52	00:55:47.175	Reinf	4400	4500	1200	41 11 20.930 N	073 42 42.839 W		
RIV	52	00:55:59.145	Reinf	4800	4600	1200	41 10 59.881 N	073 42 21.700 W		
RIV	52	00:56:11.190	Reinf	4400	4800	1200	41 10 55.952 N	073 41 51.682 W		
RIV	52	00:56:23.130	Reinf	4400	4900	1200	41 10 40.840 N	073 41 16.798 W		
RIV	52	00:56:35.070	Reinf	4400	4900	1200	41 10 36.848 N	073 40 46.878 W		
RIV	52	00:56:47.005	Reinf	5200	5100	1200	41 10 25.914 N	073 40 09.809 W		
RIV	52	00:56:59.055	Reinf	5200	5200	1200	41 10 38.105 N	073 39 31.365 W		
RIV	52	00:57:11.130	Reinf	4800	5400	1200	41 10 44.657 N	073 39 06.393 W		
RIV	52	00:57:23.055	Reinf	5600	5500	1200	41 10 44.212 N	073 38 34.425 W		
RIV	52	00:57:35.100	Reinf	4800	5400	1200	41 10 47.614 N	073 38 00.388 W		
RIV	52	00:57:46.940	Reinf	5200	5400	1200	41 11 06.473 N	073 37 17.564 W		
RIV	52	00:57:59.110	Reinf	4800	5400	1200	41 11 17.020 N	073 36 39.080 W		
RIV	52	00:58:11.150	Reinf	6400	5400	1200	41 11 16.492 N	073 35 55.989 W		
RIV	52	00:58:23.110	Reinf	6000	5400	1200	41 11 08.136 N	073 35 17.427 W		
RIV	52	00:58:35.050	Reinf	5200	5400	1200	41 11 07.148 N	073 34 34.491 W		
RIV	52	00:58:47.115	Reinf	5200	5400	1200	41 11 13.227 N	073 33 47.193 W		
RIV	52	00:58:59.050	Reinf	5200	5400	1200	41 11 15.200 N	073 33 02.198 W		
RIV	52	00:59:11.215	Reinf	5200	5400	1200	41 11 13.225 N	073 32 19.527 W		
RIV	52	00:59:23.245	Reinf	5200	5400	1200	41 11 21.519 N	073 31 30.232 W		
RIV	52	00:59:35.210	Reinf	5200	5400	1200	41 11 18.841 N	073 30 47.760 W		
RIV	52	00:59:47.160	Reinf	5600	5400	1200	41 11 12.474 N	073 30 07.621 W		
RIV	52	00:59:59.200	Reinf	5600	5400	1200	41 11 26.133 N	073 29 25.245 W		
RIV	52	01:00:11.260	Reinf	5200	5400	1200	41 11 29.143 N	073 28 38.554 W		
RIV	52	01:00:23.310	Reinf	5200	5400	1200	41 11 28.413 N	073 27 54.243 W		
RIV	52	01:00:35.360	Reinf	5200	5400	1200	41 11 30.519 N	073 27 07.785 W		
RIV	52	01:00:47.295	Reinf	5200	5400	1200	41 11 25.837 N	073 26 25.988 W		

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RIV	52	01:00:59.135	Reinf	5600	5400	1200	41 11 27.097 N	073 25 39.791 W		
RIV	52	01:01:11.195	Reinf	5600	5400	1200	41 11 27.884 N	073 24 53.731 W		
RIV	52	01:01:23.130	Reinf	5200	5400	1200	41 11 31.192 N	073 24 05.542 W		
RIV	52	01:01:35.060	Reinf	5600	5400	1200	41 11 34.769 N	073 23 28.353 W		
RIV	52	01:01:47.135	Reinf	5200	5400	1200	41 11 39.930 N	073 22 38.129 W		
RIV	52	01:01:59.180	Reinf	5600	5400	1200	41 11 35.888 N	073 21 54.938 W		
RIV	52	01:02:11.240	Reinf	4800	5400	1200	41 11 34.275 N	073 21 09.628 W		
RIV	52	01:02:23.270	Reinf	5600	5400	1200	41 11 44.423 N	073 20 26.020 W		
RIV	52	01:02:35.315	Bcn		5400	1200	41 11 41.779 N	073 19 41.049 W		
RIV	52	01:02:47.285	Reinf	5200	5400	1200	41 11 41.309 N	073 18 53.977 W		
RIV	52	01:02:59.210	Reinf	5600	5400	1200	41 11 47.053 N	073 18 13.049 W		
RIV	52	01:03:11.280	Reinf	5600	5400	1200	41 11 45.465 N	073 17 26.359 W		
RIV	52	01:03:23.205	Reinf	5200	5400	1200	41 11 45.151 N	073 16 50.338 W		
RIV	52	01:03:35.250	Reinf	5600	5400	1200	41 11 47.425 N	073 15 59.444 W		
RIV	52	01:03:47.305	Reinf	5600	5400	1200	41 11 51.003 N	073 15 19.119 W		
RIV	52	01:03:59.255	Reinf	5600	5400	1200	41 11 51.862 N	073 14 28.677 W		
RIV	52	01:04:11.195	Bcn		5400	1200	41 11 54.281 N	073 13 48.705 W		
RIV	52	01:04:23.245	Reinf	5600	5400	1200	41 11 53.745 N	073 12 58.775 W		
RIV	52	01:04:35.295	Reinf	5600	5400	1200	41 11 59.357 N	073 12 14.535 W		
RIV	52	01:04:47.255	Reinf	5600	5400	1200	41 12 00.028 N	073 11 35.149 W		
RIV	52	01:04:59.190	Reinf	5600	5400	1200	41 11 57.384 N	073 10 46.065 W		
RIV	52	01:05:11.260	Reinf	5600	5400	1200	41 12 00.964 N	073 10 02.477 W		
RIV	52	01:05:23.420	Reinf	5600	5400	1200	41 12 01.890 N	073 09 21.449 W		
RIV	52	01:05:35.340	Reinf	5600	5400	1200	41 12 06.056 N	073 08 35.952 W		
RIV	52	01:05:47.405	Reinf	6000	5400	1200	41 12 04.240 N	073 07 43.518 W		
RIV	52	01:05:59.445	Reinf	5600	5400	1200	41 12 06.761 N	073 06 58.617 W		
RIV	52	01:06:11.515	Bcn		5400	1200	41 12 10.259 N	073 06 11.629 W		
RIV	52	01:06:23.335	Reinf	5600	5400	1200	41 12 09.504 N	073 05 29.666 W		
RIV	52	01:06:35.380	Reinf	5600	5400	1200	41 12 09.740 N	073 04 45.659 W		
RIV	52	01:06:47.445	Reinf	6000	5400	1200	41 12 19.621 N	073 04 01.467 W		
RIV	52	01:06:59.510	Reinf	5600	5400	1200	41 12 16.754 N	073 03 20.430 W		
RIV	52	01:07:11.550	Reinf	5600	5400	1200	41 12 17.732 N	073 02 32.633 W		
RIV	52	01:07:23.590	Reinf	5600	5400	1200	41 12 17.778 N	073 01 45.245 W		
RIV	52	01:07:35.745	Reinf	5600	5400	1200	41 12 22.863 N	073 01 04.347 W		
RIV	52	01:07:47.705	Reinf	5600	5400	1200	41 12 27.208 N	073 00 23.622 W		
RIV	52	01:07:59.660	Reinf	5600	5400	1200	41 12 25.980 N	072 59 34.941 W		
RIV	52	01:08:11.685	Reinf	5600	5400	1200	41 12 29.973 N	072 58 52.369 W		

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RIV	52	01:08:23.740	Reinf	5600	5400	1200	41 12 31.971 N	072 58 12.442 W		
RIV	52	01:08:35.800	Bcn		5400	1200	41 12 25.603 N	072 57 16.470 W		
RIV	52	01:08:47.840	Reinf	5600	5400	1200	41 12 40.361 N	072 56 38.868 W		
RIV	52	01:08:59.905	Reinf	5600	5400	1200	41 12 41.016 N	072 55 57.373 W		
RIV	52	01:09:11.965	Reinf	5600	5400	1200	41 12 49.488 N	072 55 16.008 W		
RIV	52	01:09:23.915	Reinf	5600	5400	1200	41 12 50.442 N	072 54 30.143 W		
RIV	52	01:09:35.940	Reinf	5600	5400	1200	41 12 50.442 N	072 53 44.672 W		
RIV	52	01:09:48.015	Reinf	5600	5400	1200	41 12 58.013 N	072 52 58.736 W		
RIV	52	01:10:00.055	Reinf	5600	5400	1200	41 13 03.055 N	072 52 17.748 W		
RIV	52	01:10:12.115	Reinf	5600	5400	1200	41 13 01.746 N	072 51 28.297 W		
RIV	52	01:10:24.160	Reinf	5600	5400	1200	41 13 05.075 N	072 50 47.673 W		
RIV	52	01:10:36.205	Reinf	5600	5400	1200	41 13 08.873 N	072 50 02.196 W		
RIV	52	01:10:48.270	Reinf	5600	5400	1200	41 13 12.271 N	072 49 14.354 W		
RIV	52	01:11:00.195	Reinf	5600	5400	1200	41 13 12.571 N	072 48 36.667 W		
RIV	52	01:11:12.370	Reinf	5600	5400	1200	41 13 21.837 N	072 47 49.031 W		
RIV	52	01:11:24.425	Reinf	5600	5400	1200	41 13 21.479 N	072 47 06.550 W		
RIV	52	01:11:36.560	Bcn		5400	1200	41 13 28.391 N	072 46 21.135 W		
RIV	52	01:11:48.505	Reinf	5600	5400	1200	41 13 34.044 N	072 45 38.023 W		
RIV	52	01:12:00.565	Reinf	5600	5400	1200	41 13 31.651 N	072 44 50.877 W		
RIV	52	01:12:12.525	Reinf	5600	5400	1200	41 13 35.717 N	072 44 05.137 W		
RIV	52	01:12:24.575	Bcn		5400	1200	41 13 38.823 N	072 43 19.264 W		
RIV	52	01:12:36.710	Reinf	5600	5400	1200	41 13 40.776 N	072 42 38.406 W		
RIV	52	01:12:48.785	Reinf	5600	5400	1200	41 13 49.571 N	072 41 52.610 W		
RIV	52	01:13:00.725	Reinf	5600	5400	1200	41 13 49.906 N	072 41 11.426 W		
RIV	52	01:13:12.780	Reinf	5600	5400	1200	41 13 56.874 N	072 40 24.806 W		
RIV	52	01:13:25.045	Reinf	5600	5400	1200	41 13 55.465 N	072 39 40.825 W		
RIV	52	01:13:36.965	Reinf	5600	5400	1200	41 14 00.671 N	072 38 56.096 W		
RIV	52	01:13:48.920	Reinf	5600	5400	1200	41 14 05.183 N	072 38 13.547 W		
RIV	52	01:14:00.970	Reinf	5600	5400	1200	41 14 08.617 N	072 37 28.008 W		
RIV	52	01:14:13.010	Reinf	5600	5400	1200	41 14 10.803 N	072 36 39.492 W		
RIV	52	01:14:25.185	Reinf	5600	5400	1200	41 14 12.681 N	072 35 55.882 W		
RIV	52	01:14:37.220	Reinf	5600	5400	1200	41 14 14.131 N	072 35 14.607 W		
RIV	52	01:14:49.180	Reinf	5600	5400	1200	41 14 22.130 N	072 34 30.794 W		
RIV	52	01:15:01.450	Reinf	5600	5400	1200	41 14 20.968 N	072 33 43.531 W		
RIV	52	01:15:13.505	Reinf	5600	5400	1200	41 14 27.187 N	072 32 58.585 W		
RIV	52	01:15:25.430	Reinf	5600	5400	1200	41 14 32.520 N	072 32 13.021 W		
RIV	52	01:15:37.380	Reinf	5600	5400	1200	41 14 36.261 N	072 31 24.202 W		

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RIV	52	01:15:49.315	Reinf	5600	5400	1200	41 14 33.398 N	072 30 43.577 W		
RIV	52	01:16:01.495	Reinf	5600	5400	1200	41 14 43.806 N	072 29 55.615 W		
RIV	52	01:16:13.525	Reinf	5600	5400	1200	41 14 46.314 N	072 29 10.584 W		
RIV	52	01:16:25.590	Reinf	5600	5400	1200	41 14 49.743 N	072 28 30.486 W		
RIV	52	01:16:37.640	Reinf	5600	5400	1200	41 14 50.619 N	072 27 44.578 W		
RIV	52	01:16:49.575	Reinf	5600	5400	1200	41 14 51.601 N	072 27 00.967 W		
RIV	52	01:17:01.630	Reinf	6000	5400	1200	41 14 58.470 N	072 26 12.445 W		
RIV	52	01:17:13.805	Reinf	5600	5400	1200	41 14 56.678 N	072 25 25.229 W		
RIV	52	01:17:25.855	Reinf	5600	5400	1200	41 15 03.968 N	072 24 40.943 W		
RIV	52	01:17:37.775	Reinf	6000	5400	1200	41 15 09.289 N	072 23 53.326 W		
RIV	52	01:17:49.830	Reinf	5600	5400	1200	41 15 08.586 N	072 23 13.042 W		
RIV	52	01:18:01.900	Reinf	6000	5400	1200	41 15 13.574 N	072 22 27.168 W		
RIV	52	01:18:13.825	Reinf	6000	5400	1200	41 15 17.765 N	072 21 40.765 W		
RIV	52	01:18:25.770	Reinf	6000	5400	1200	41 15 22.566 N	072 20 56.613 W		
RIV	52	01:18:37.830	Reinf	5600	5400	1200	41 15 26.655 N	072 20 11.991 W		
RIV	52	01:18:50.110	Reinf	5600	5400	1200	41 15 28.496 N	072 19 24.145 W		
RIV	52	01:19:01.935	Reinf	5600	5400	1200	41 15 32.652 N	072 18 41.413 W		
RIV	52	01:19:14.105	Reinf	5600	5400	1200	41 15 32.913 N	072 17 52.713 W		
RIV	52	01:19:26.040	Reinf	6000	5400	1200	41 15 33.999 N	072 17 06.400 W		
RIV	52	01:19:38.100	Reinf	6000	5400	1200	41 15 43.593 N	072 16 18.963 W		
RIV	52	01:19:50.045	Reinf	6000	5400	1200	41 15 44.980 N	072 15 34.608 W		
RIV	52	01:20:02.085	Reinf	5600	5400	1200	41 15 47.539 N	072 14 52.727 W		
RIV	52	01:20:14.030	Reinf	6000	5400	1200	41 15 53.229 N	072 14 01.092 W		
RIV	52	01:20:26.200	Reinf	6000	5400	1200	41 15 56.470 N	072 13 21.325 W		
RIV	52	01:20:38.130	Reinf	6000	5400	1200	41 16 00.698 N	072 12 28.813 W		
RIV	52	01:20:50.175	Reinf	6000	5400	1200	41 16 02.803 N	072 11 48.409 W		
RIV	52	01:21:02.220	Reinf	5600	5400	1200	41 16 09.768 N	072 11 00.780 W		
RIV	52	01:21:14.190	Reinf	6000	5400	1200	41 16 08.652 N	072 10 16.941 W		
RIV	52	01:21:26.350	Reinf	5600	5400	1200	41 16 14.374 N	072 09 28.584 W		
NOR	52	01:21:35.550	Bcn		5400	1200	41 16 13.354 N	072 08 31.551 W		
RIV	52	01:21:50.225	Reinf	5600	5400	1200	41 16 16.482 N	072 07 55.167 W		
RIV	52	01:22:02.275	Reinf	5600	5400	1200	41 16 25.062 N	072 07 11.537 W		
RIV	52	01:22:14.340	Reinf	5600	5400	1200	41 16 28.350 N	072 06 21.828 W		
RIV	52	01:22:26.265	Reinf	5200	5400	1200	41 16 30.987 N	072 05 31.791 W		
RIV	52	01:22:38.420	Reinf	5200	5400	1200	41 16 33.169 N	072 04 54.779 W		
RIV	52	01:22:50.485	Reinf	5600	5400	1200	41 16 34.671 N	072 04 04.200 W		
RIV	52	01:23:02.415	Reinf	5600	5400	1200	41 16 40.812 N	072 03 19.140 W		

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RIV	52	01:23:14.490	Reinf	4800	5400	1200	41 16 41.101 N	072 02 27.990 W		
RIV	52	01:23:26.425	Reinf	5600	5400	1200	41 16 43.483 N	072 01 39.484 W		
RIV	52	01:23:38.365	Reinf	5200	5400	1200	41 16 48.125 N	072 00 53.644 W		
RIV	52	01:23:50.410	Reinf	5200	5400	1200	41 16 49.442 N	072 00 04.641 W		
RIV	52	01:24:02.480	Reinf	5200	5400	1200	41 16 53.123 N	071 59 18.332 W		
RIV	52	01:24:14.405	Reinf	5600	5400	1200	41 16 59.327 N	071 58 34.746 W		
RIV	52	01:24:26.350	Reinf	5200	5400	1200	41 16 56.071 N	071 57 42.120 W		
RIV	52	01:24:38.620	Reinf	5200	5400	1200	41 17 07.588 N	071 57 04.021 W		
RIV	52	01:24:50.570	Reinf	5200	5400	1200	41 17 09.534 N	071 56 16.878 W		
RIV	52	01:25:02.510	Reinf	6000	5400	1200	41 17 07.818 N	071 55 26.577 W		
RIV	52	01:25:14.550	Reinf	4800	5400	1200	41 17 15.275 N	071 54 44.986 W		
RIV	52	01:25:26.630	Reinf	4800	5400	1200	41 17 26.707 N	071 53 55.032 W		
RIV	52	01:25:38.560	Reinf	5200	5400	1200	41 17 23.531 N	071 53 04.112 W		
RIV	52	01:25:50.610	Reinf	5200	5400	1200	41 17 30.021 N	071 52 22.010 W		
RIV	52	01:26:02.450	Reinf	5200	5400	1200	41 17 36.246 N	071 51 39.765 W		
RIV	52	01:26:14.620	Reinf	5200	5400	1200	41 17 35.173 N	071 50 51.342 W		
RIV	52	01:26:26.565	Reinf	5200	5400	1200	41 17 44.804 N	071 50 00.413 W		
RIV	52	01:26:38.590	Reinf	4800	5400	1200	41 17 50.097 N	071 49 17.710 W		
RIV	52	01:26:50.540	Reinf	5600	5400	1200	41 17 47.757 N	071 48 28.790 W		
RIV	52	01:27:02.480	Reinf	5200	5400	1200	41 17 56.340 N	071 47 37.332 W		
RIV	52	01:27:14.535	Reinf	4800	5400	1200	41 18 04.483 N	071 46 57.267 W		
RIV	52	01:27:26.610	Reinf	4800	5400	1200	41 18 08.611 N	071 46 14.022 W		
RIV	52	01:27:38.655	Reinf	5600	5400	1200	41 18 12.467 N	071 45 30.657 W		
RIV	52	01:27:50.485	Reinf	4800	5400	1200	41 18 11.953 N	071 44 32.427 W		
RIV	52	01:28:02.640	Reinf	4800	5400	1200	41 18 15.128 N	071 43 48.793 W		
RIV	52	01:28:14.575	Reinf	5200	5400	1200	41 18 22.086 N	071 43 08.144 W		
RIV	52	01:28:26.735	Reinf	5200	5400	1200	41 18 28.475 N	071 42 15.648 W		
RIV	52	01:28:38.785	Reinf	4800	5400	1200	41 18 30.841 N	071 41 31.667 W		
RIV	52	01:28:50.625	Reinf	4800	5400	1200	41 18 37.148 N	071 40 50.708 W		
RIV	52	01:29:02.695	Reinf	4400	5400	1200	41 18 42.641 N	071 39 57.815 W		
RIV	52	01:29:14.735	Reinf	5200	5400	1200	41 18 48.521 N	071 39 16.656 W		
RIV	52	01:29:26.780	Reinf	5200	5400	1200	41 18 57.810 N	071 38 26.671 W		
RIV	52	01:29:38.720	Reinf	5600	5400	1200	41 18 54.433 N	071 37 38.988 W		
RIV	52	01:29:50.575	Reinf	4800	5400	1200	41 18 55.162 N	071 36 54.378 W		
RIV	52	01:30:02.845	Reinf	4800	5400	1200	41 19 08.199 N	071 36 07.219 W		
RIV	52	01:30:14.790	Reinf	4400	5400	1200	41 19 13.035 N	071 35 25.601 W		
RIV	52	01:30:26.725	Reinf	5600	5400	1200	41 19 11.834 N	071 34 28.669 W		

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RIV	52	01:30:38.775	Reinf	5200	5400	1200	41 19 20.897 N	071 33 50.072 W		
RIV	52	01:30:50.710	Reinf	4400	5400	1200	41 19 23.757 N	071 32 56.113 W		
RIV	52	01:31:02.760	Reinf	4400	5400	1200	41 19 27.722 N	071 32 14.148 W		
RIV	52	01:31:14.705	Reinf	4000	5400	1200	41 19 39.737 N	071 31 26.448 W		
RIV	52	01:31:26.650	Reinf	4800	5400	1200	41 19 33.507 N	071 30 37.845 W		
RIV	52	01:31:38.830	Reinf	5600	5400	1200	41 19 41.829 N	071 29 58.891 W		
RIV	52	01:31:50.775	Reinf	4800	5400	1200	41 19 53.362 N	071 29 10.949 W		
RIV	52	01:32:02.720	Reinf	102000	5400	1200	41 19 51.329 N	071 28 25.340 W		
RIV	52	01:32:14.770	Reinf	3600	5400	1200	41 19 57.392 N	071 27 33.957 W		
RIV	52	01:32:26.825	Reinf	4400	5400	1200	41 20 00.001 N	071 26 51.469 W		
RIV	52	01:32:38.755	Bcn		5400	1200	41 20 05.628 N	071 25 59.915 W		
RIV	52	01:32:50.805	Reinf	102000	5400	1200	41 20 13.146 N	071 25 20.590 W		
RIV	52	01:33:02.855	Bcn		5400	1200	41 20 13.032 N	071 24 25.570 W		
RIV	52	01:33:14.685	Reinf	4400	5400	1200	41 20 25.674 N	071 23 49.447 W		
RIV	52	01:33:26.630	Reinf	4400	5400	1200	41 20 19.602 N	071 22 50.930 W		
RIV	52	01:33:38.690	Reinf	4800	5400	1200	41 20 32.068 N	071 22 14.699 W		
RIV	52	01:33:50.840	Reinf	4400	5200	1200	41 20 42.093 N	071 21 25.984 W		
RIV	52	01:34:02.805	Reinf	4400	5100	1200	41 20 40.725 N	071 20 30.503 W		
RIV	52	01:34:14.740	Reinf	5200	4900	1200	41 20 44.709 N	071 19 38.271 W		
RIV	52	01:34:26.700	Reinf	4000	4800	1200	41 20 48.451 N	071 18 45.986 W		
RIV	52	01:34:38.735	Reinf	2000	4700	1200	41 20 48.955 N	071 18 02.748 W		
RIV	52	01:34:50.695	Reinf	102000	4600	1200	41 21 03.988 N	071 17 17.097 W		
RIV	52	01:35:02.740	Reinf	102000	4600	1200	41 21 10.096 N	071 16 37.176 W		
RIV	52	01:35:14.675	Reinf	800	4400	1200	41 21 07.168 N	071 15 41.193 W		
RIV	52	01:35:26.730	Reinf	102000	4300	1200	41 21 06.971 N	071 14 57.733 W		
RIV	52	01:35:38.790	Reinf	2400	4100	1200	41 21 15.593 N	071 14 08.437 W		
RIV	52	01:35:50.830	Reinf	2400	4000	1200	41 21 11.802 N	071 13 12.272 W		
RIV	52	01:36:02.995	Reinf	102000	3800	1200	41 21 23.388 N	071 12 35.467 W		
RIV	52	01:36:14.825	Reinf	2400	3600	1200	41 21 25.364 N	071 11 42.572 W		
RIV	52	01:36:26.865	Reinf	2800	3500	1200	41 21 20.781 N	071 10 46.204 W		
RIV	52	01:36:38.915	Reinf	102000	3300	1200	41 21 19.410 N	071 10 02.410 W		
RIV	52	01:36:50.875	Bcn		3200	1200	41 21 20.632 N	071 09 09.355 W		
RIV	52	01:37:02.805	Reinf	102000	3000	1200	41 21 25.335 N	071 08 28.896 W		
RIV	52	01:37:14.870	Reinf	102000	2900	1200	41 21 29.938 N	071 07 48.425 W		
RIV	52	01:37:26.815	Reinf	2000	2800	1200	41 21 37.204 N	071 06 58.658 W		
RIV	52	01:37:38.745	Reinf	2000	2600	1200	41 21 34.982 N	071 06 14.641 W		
RIV	52	01:37:50.915	Reinf	102000	2500	1200	41 21 41.968 N	071 05 24.776 W		

Air Force
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RIV	52	01:38:02.850	Bcn		2400	1200	41 21 39.384 N	071 04 40.696 W		
NOR	52	01:38:10.905	Bcn		2300	1200	41 21 19.069 N	071 03 38.579 W		
RIV	52	01:38:38.810	Reinf	102000	2200	1200	41 20 55.077 N	071 02 42.722 W		
RIV	52	01:38:50.960	Reinf	2000	2300	1200	41 20 13.716 N	071 02 22.851 W		
RIV	52	01:39:03.020	Reinf	1600	2400	1200	41 19 52.980 N	071 02 13.118 W		
RIV	52	01:39:14.955	Bcn		2400	1200	41 19 27.736 N	071 01 50.903 W		
RIV	52	01:39:26.890	Reinf	3200	-1000	1200	41 18 43.755 N	071 01 10.301 W		
RIV	52	01:39:38.845	Bcn		2500	1200	41 18 49.012 N	071 01 20.206 W		
RIV	52	01:39:51.015	Bcn		2500	1200	41 18 29.823 N	071 00 32.582 W		
RIV	52	01:40:02.935	Bcn		2400	1200	41 18 15.625 N	070 59 55.044 W		
NOR	52	01:40:10.670	Reinf	102000	2200	1200	41 18 08.520 N	070 59 16.613 W		
NOR	52	01:40:22.710	Reinf	1200	2100	1200	41 17 58.267 N	070 58 18.436 W		
NOR	52	01:40:34.755	Bcn		1200	1200	41 17 32.044 N	070 58 10.285 W		