

Anchorage ARTCC

Airspace/Procedures and Traffic Management Update

Presented to: CPWG/5, Dallas, TX, USA

By: Anchorage ARTCC

Date: 1-3 April 2008



Federal Aviation
Administration



Topics:

- **Polar and RTE Traffic Count**
- **ZAN ATOP/Ocean21 Implementation**
 - Additional airspace
 - Arctic Airspace
 - ADS-C Separation
- **User Preferred Routings to the Russian Trans East**



Traffic Counts

- The following charts depict Anchorage's *westbound* Polar and RTE traffic count.
- Please note that traffic over VALDA represented 44% of the Polar and RTE traffic for 2007.

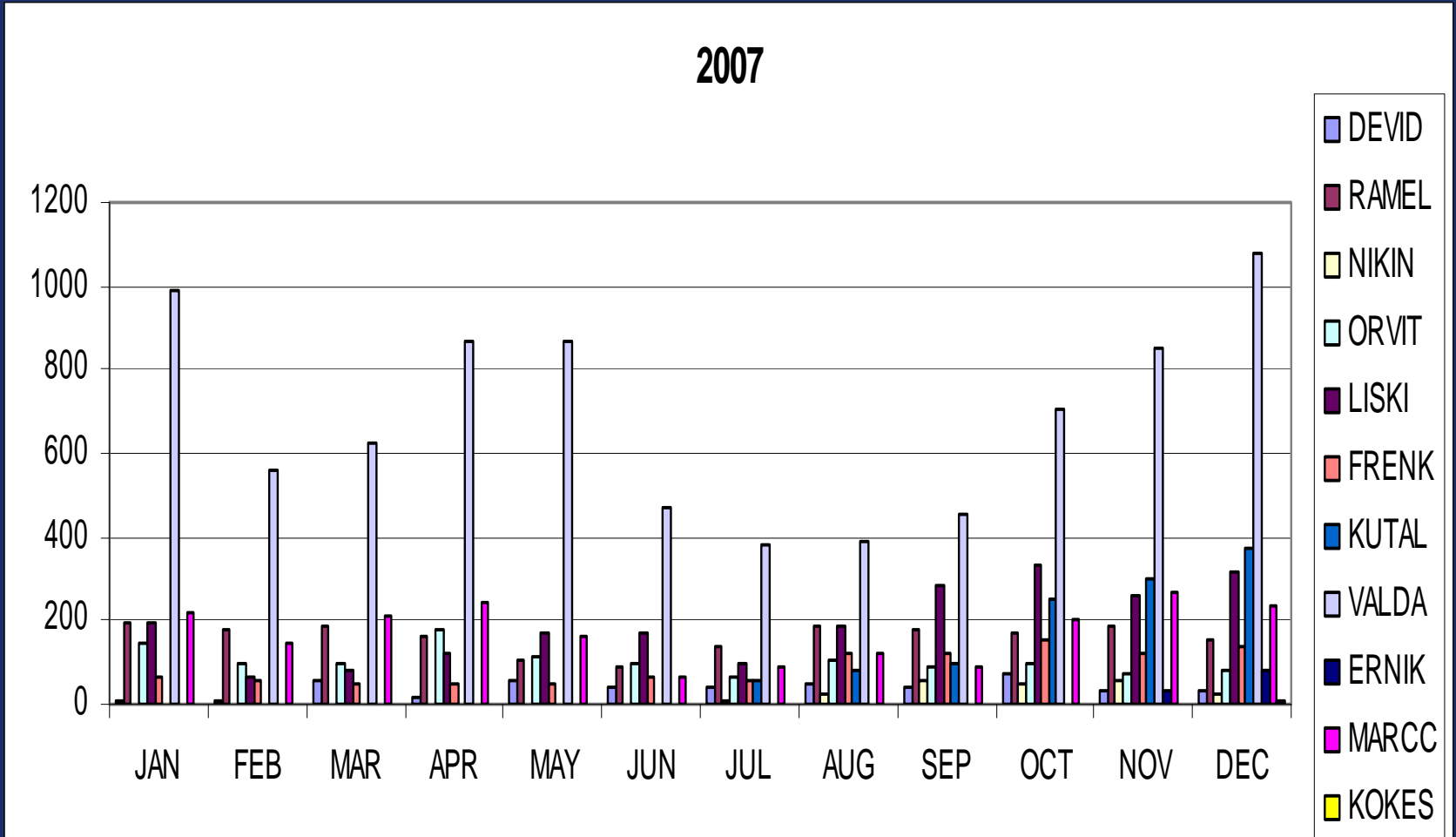


2007 Polar and RTE Traffic Count

2007	DEVID	RAMEL	NIKIN	ORVIT	LISKI	FRENK	KUTAL	VALDA	ERNIK	MARCC	KOKES	TOTAL
JAN	12	196		143	193	64		987		222	1	1818
FEB	11	179		97	68	54		559		150	1	1119
MAR	53	184		97	85	48		628		209	2	1306
APR	19	161		178	120	49		867		240	0	1634
MAY	57	109		116	168	47		869		163	1	1530
JUN	37	88		100	167	68		471		64	1	996
JUL	37	135	8	62	99	58	60	378		86	1	924
AUG	47	185	27	109	187	125	81	392		122	0	1275
SEP	41	182	55	92	281	118	96	452		89	0	1406
OCT	72	169	50	95	333	156	255	704		201	1	2036
NOV	35	187	56	73	261	119	303	850	31	269	4	2188
DEC	35	154	24	82	318	137	377	1075	79	238	6	2525
Total	456	1929	220	1244	2280	1043	1172	8232	110	2053	18	18757



2007 Polar and RTE Traffic Count



ZAN Polar and RTE Traffic Count

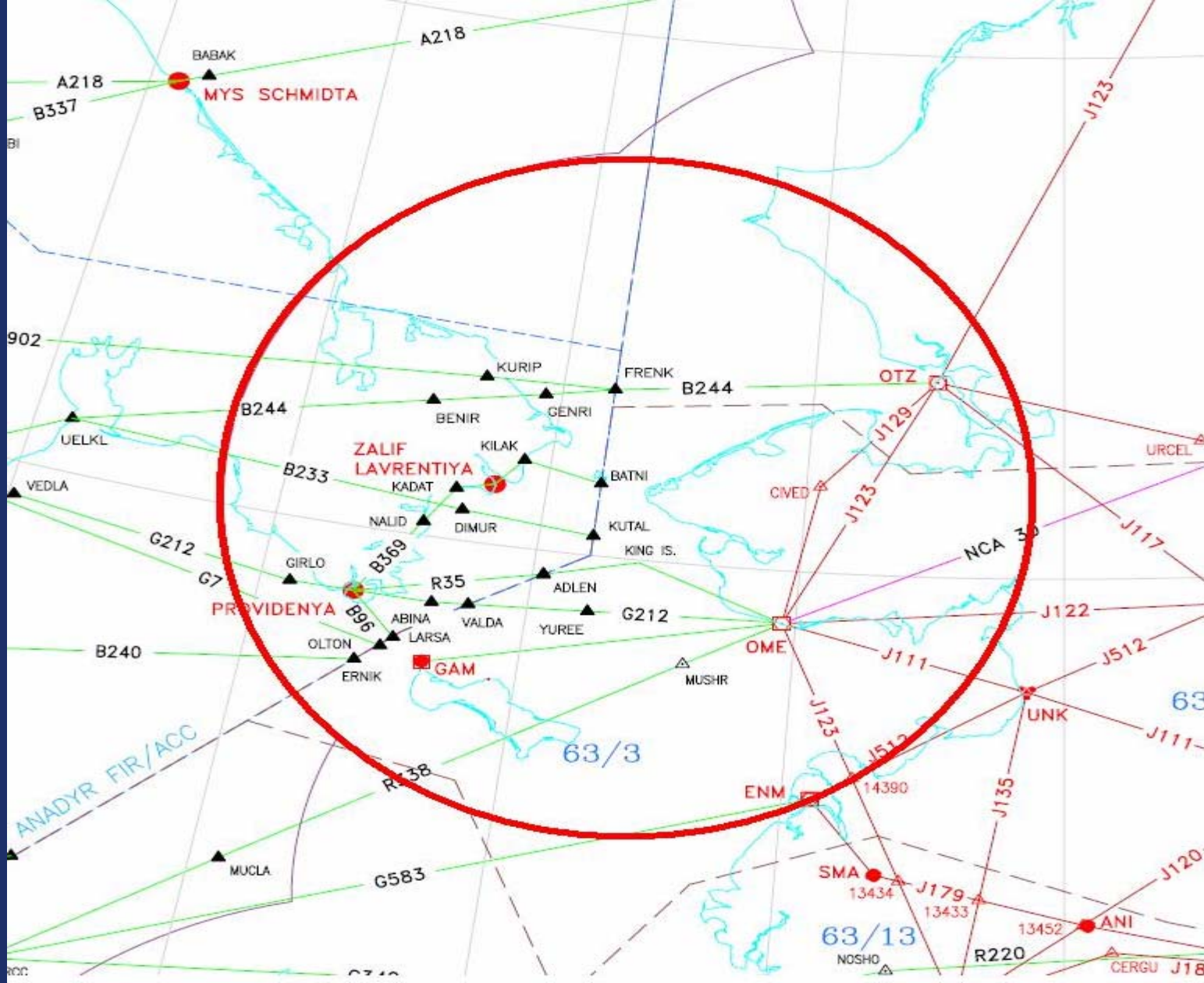
	2000	2001	2002	2003	2004	2005	2006	2007
JAN	384	493	457	477	483	750	1119	1818
FEB	366	558	306	356	497	723	1279	1119
MAR	470	464	476	390	574	930	1546	1306
APR	403	544	421	292	633	698	1277	1634
MAY	336	246	447	218	578	748	1310	1530
JUN	449	438	400	189	583	799	1057	996
JUL	352	410	363	220	408	707	1175	924
AUG	369	427	361	357	535	758	810	1275
SEP	378	452	441	370	657	1134	1112	1406
OCT	588	417	518	466	1038	1233	1521	2036
NOV	593	409	544	521	1029	964	1195	2188
DEC	617	525	552	670	1163	1055	2056	2525
Total	5305	5383	5286	4526	8178	10499	15457	18757
% Increase		1%	-2%	-14%	81%	28%	47%	21%



2008 Polar and RTE Traffic Count

2008	DEVID	RAMEL	NIKIN	ORVIT	LISKI	FRENK	KUTAL	VALDA	ERNIK	MARCC	KOKES	TOTAL
JAN	25	203	31	87	303	56	324	834	99	263	9	2234
FEB												
MAR												
APR												
MAY												
JUN												
JUL												
AUG												
SEP												
OCT												
NOV												
DEC												

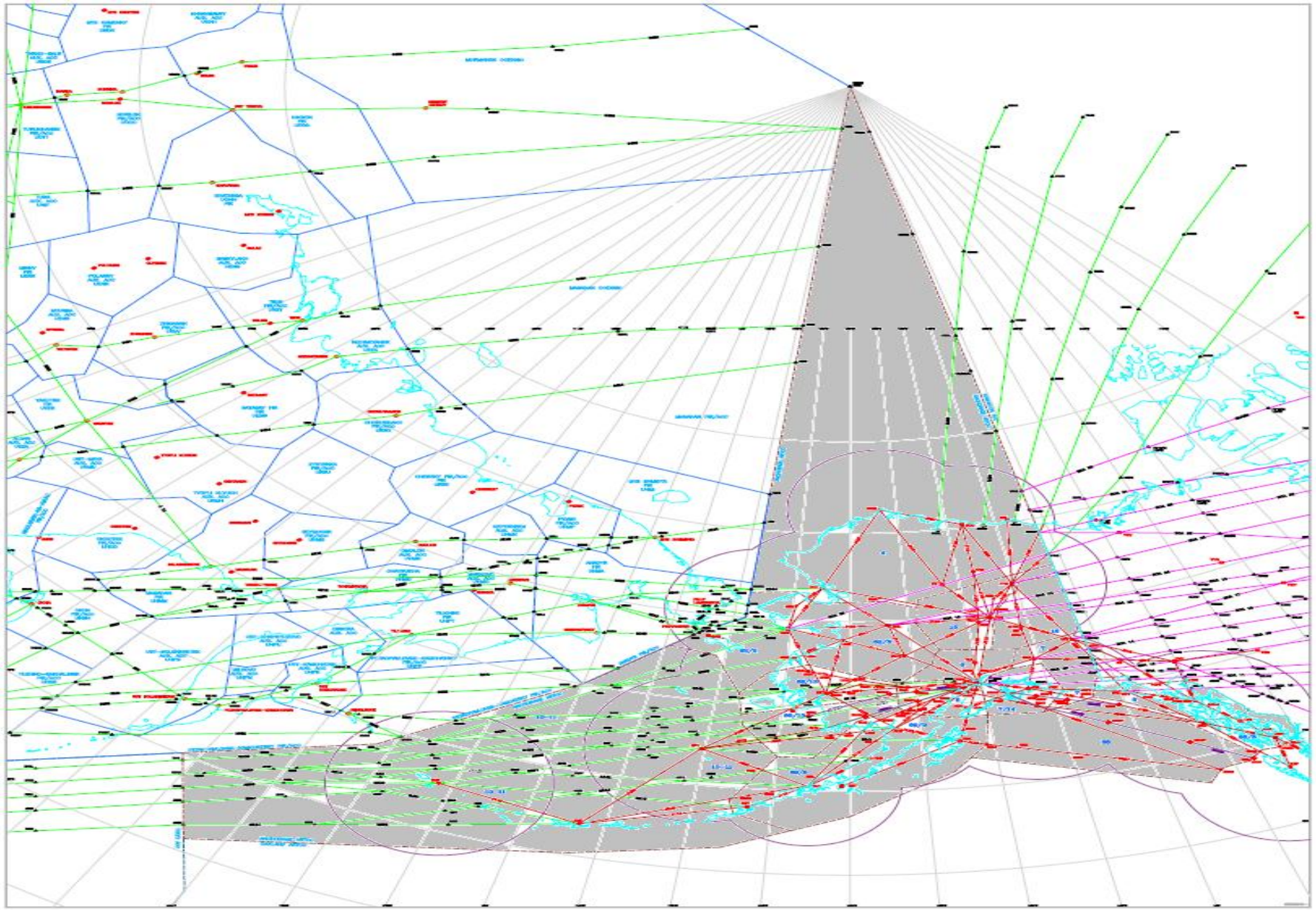


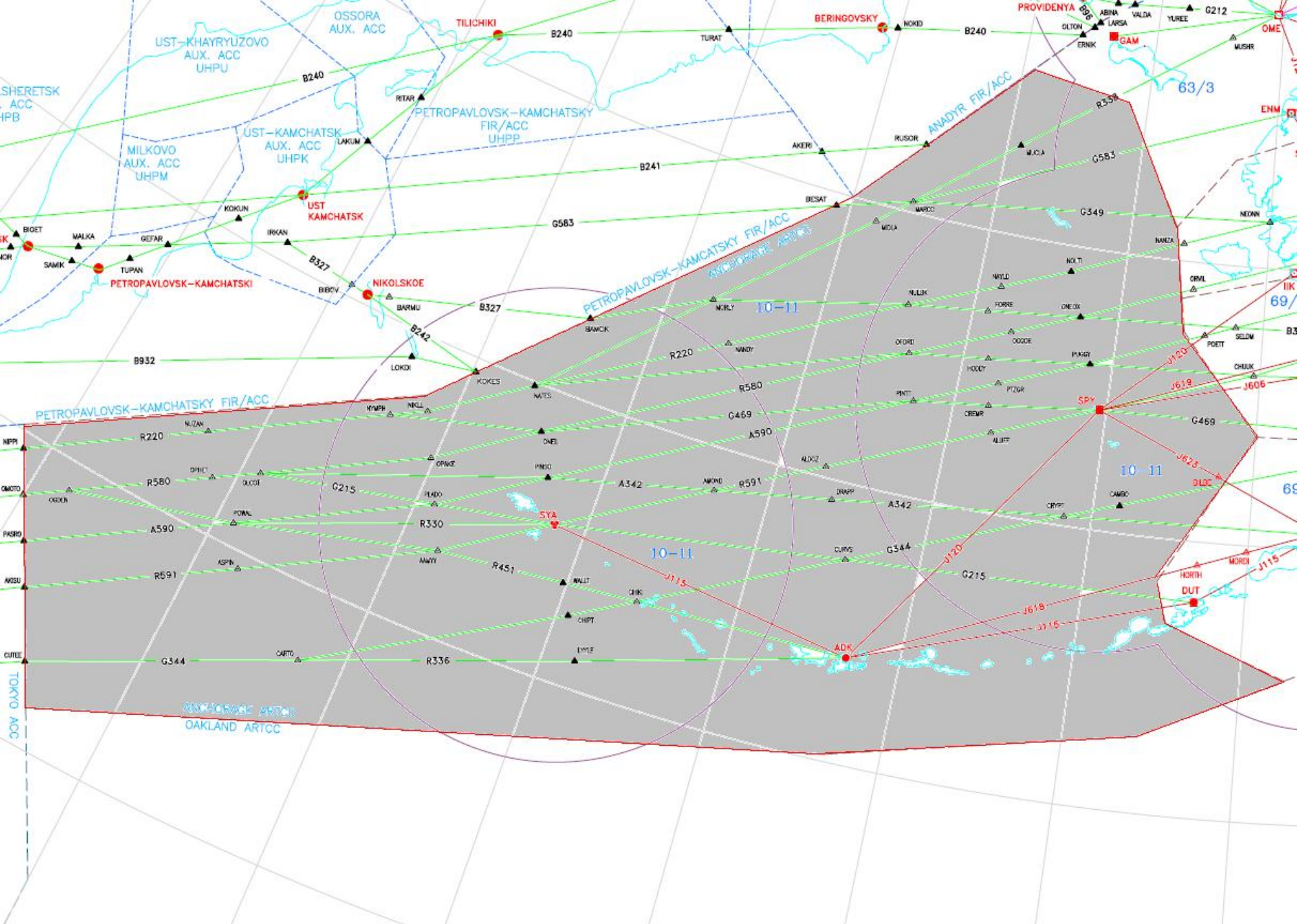


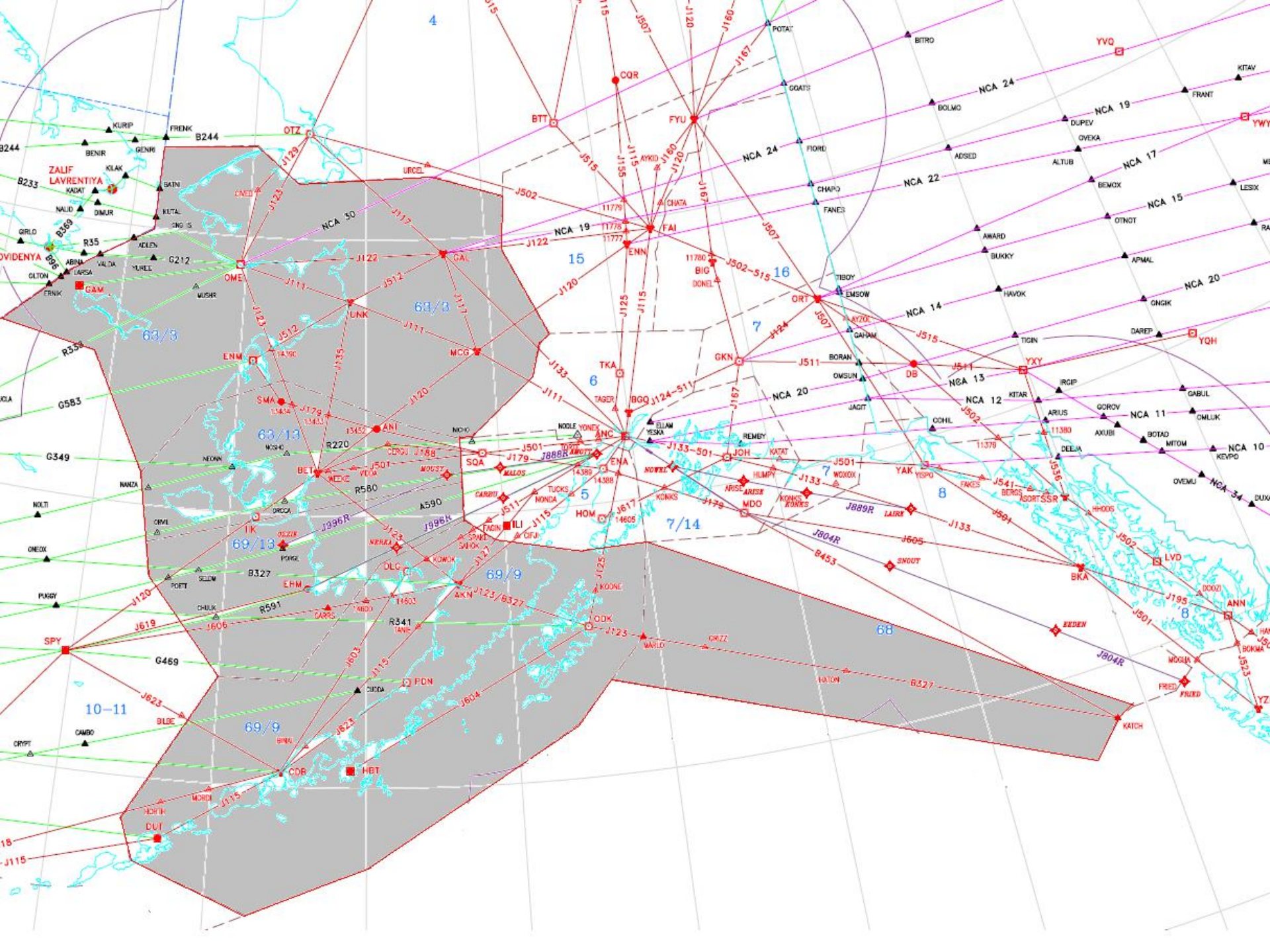
Anchorage ARTCC ATOP/Ocean 21 Implementation

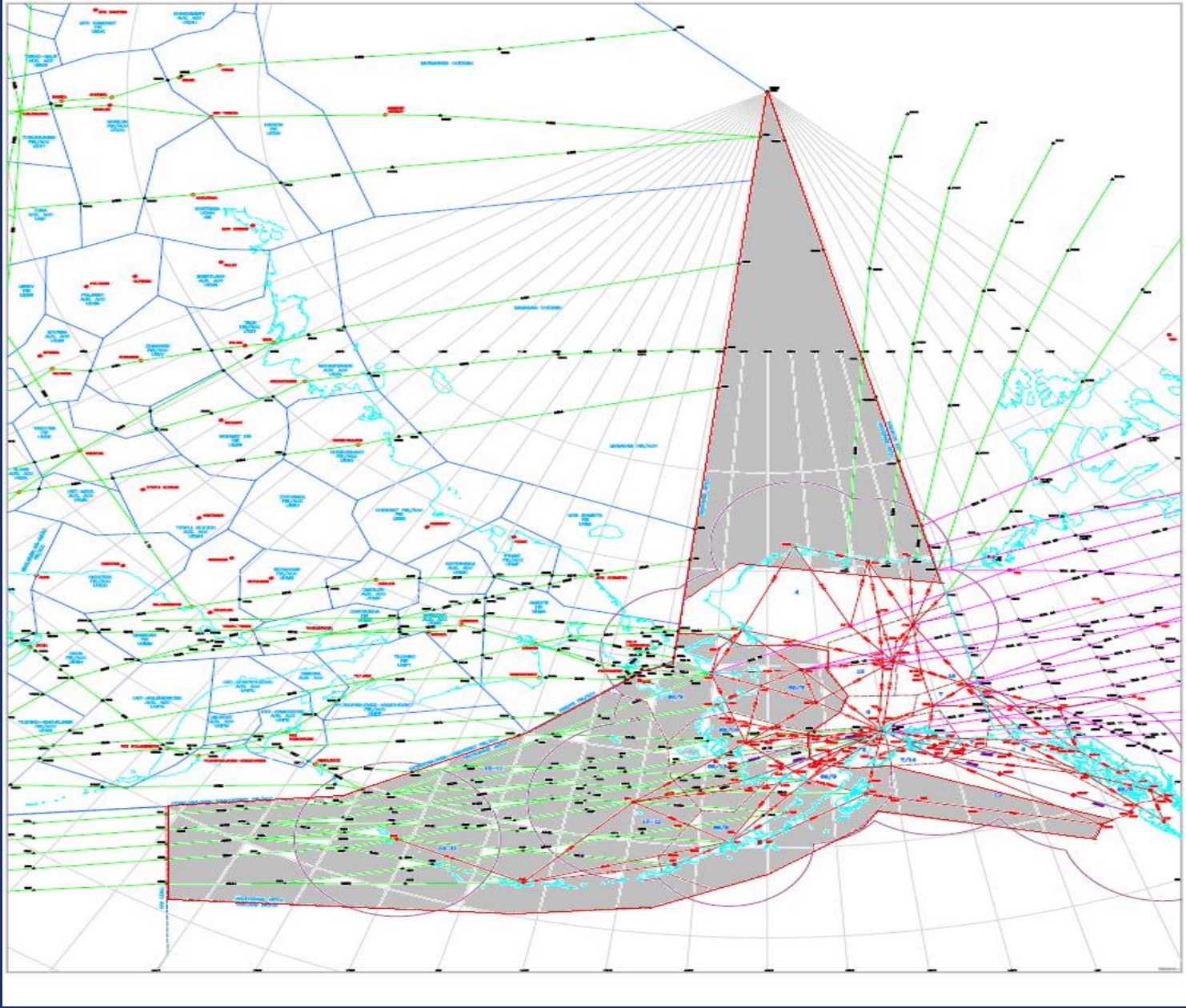
- **Additional Airspace**
 - Other “high” sectors.
 - Anchorage Arctic FIR.
- **ADS-C Separation**
 - 50 Nautical Mile Longitudinal Separation.











Anchorage ARTCC ATOP/Ocean 21 Implementation

- **ADS-C 50 Nautical Mile Longitudinal Separation.**
 - Safety Risk Management process continues.
 - Goal is to implement 50 NM standard before the end of 2008.



User Preferred Routings to the Russian Trans East

- UPR flights must flight plan around active military airspace. Operators can refer to FAA's Special Use Airspace webpage located at <http://sua.faa.gov/sua/Welcome.do> to identify which airspaces are active.
- UPR flights may enter the Anchorage FIR airspace:
 - Anywhere over or east of waypoint KATCH.
 - Anywhere between KATCH and 152° 30' west longitude, so long as the flight overflies at least one of the following fixes: KATCH, HATON, GRIZZ, MARLO or ODK.
 - Anywhere over or west of 152° 30' West Longitude and east of 159° West Longitude.

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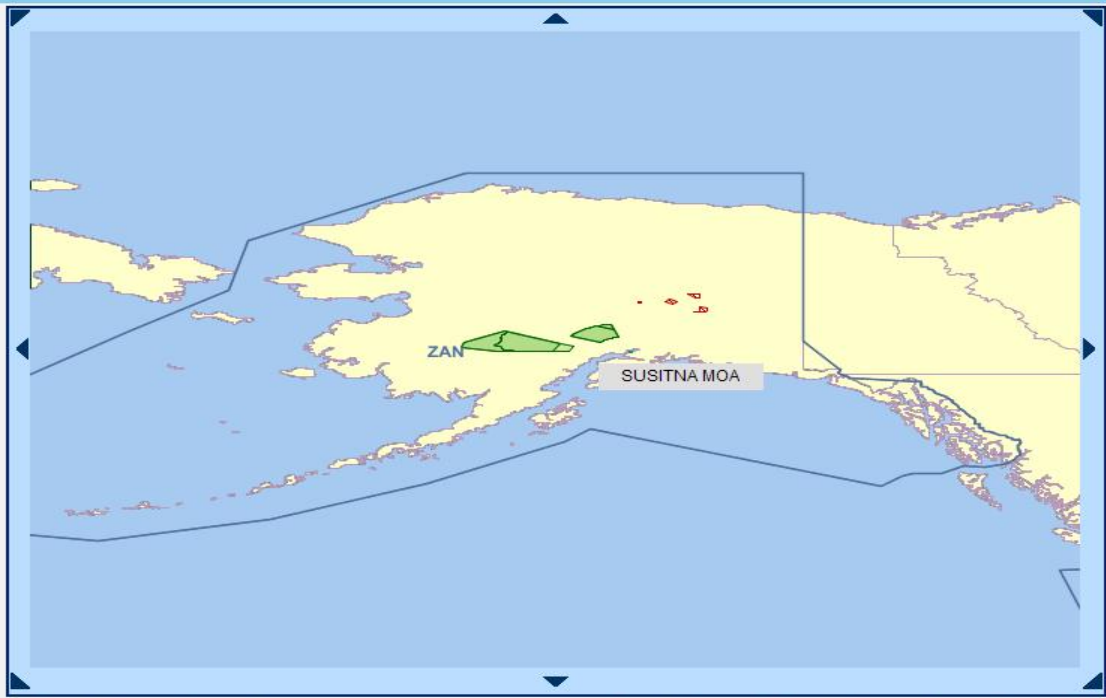




Federal Aviation Administration

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Depicted Special Use Airspace (SUA) and Air Traffic Control Assigned Airspace (ATCAA) data may not be complete. Pilots should use this information for planning purposes only. For the latest SUA information, call your local Flight Service Station at 1-800-WX-BRIEF. Information concerning ATCAA airspace can be obtained from the associated Air Route Traffic Control Center.



Map Query Reset Map

Center:

State:

Airspace Types

- SUA
 - ATCAA
 - Aerial Refueling Route
 - Alert
 - MOA
 - Other
 - Prohibited
 - Restricted
 - Warning
- MTR
 - Instrument Route
 - Slow Route
 - Visual Route

Map Layers

- Lat/Long Grid
- Cities
- Way Points
- Airports
- Centers

Update Map

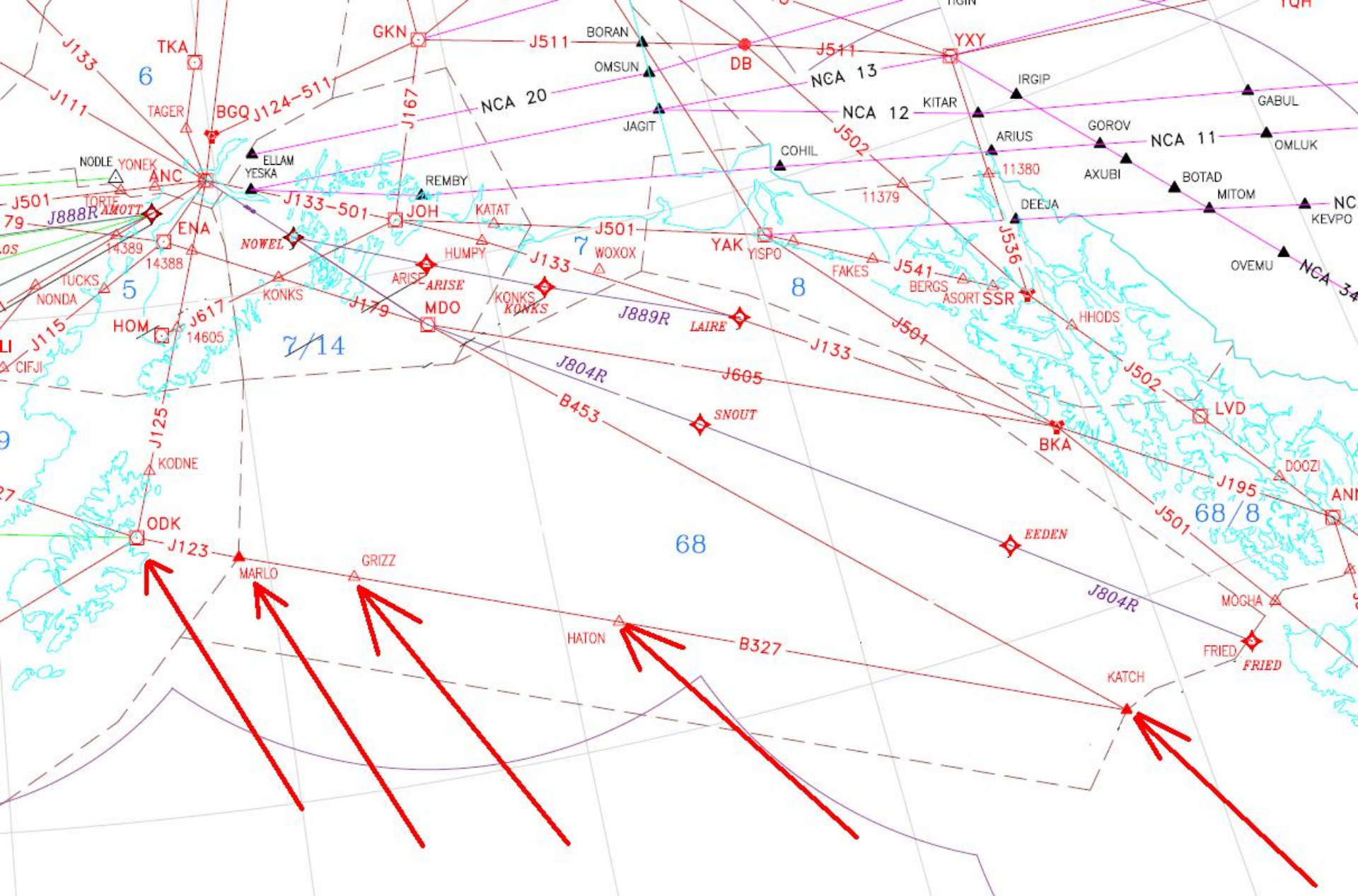
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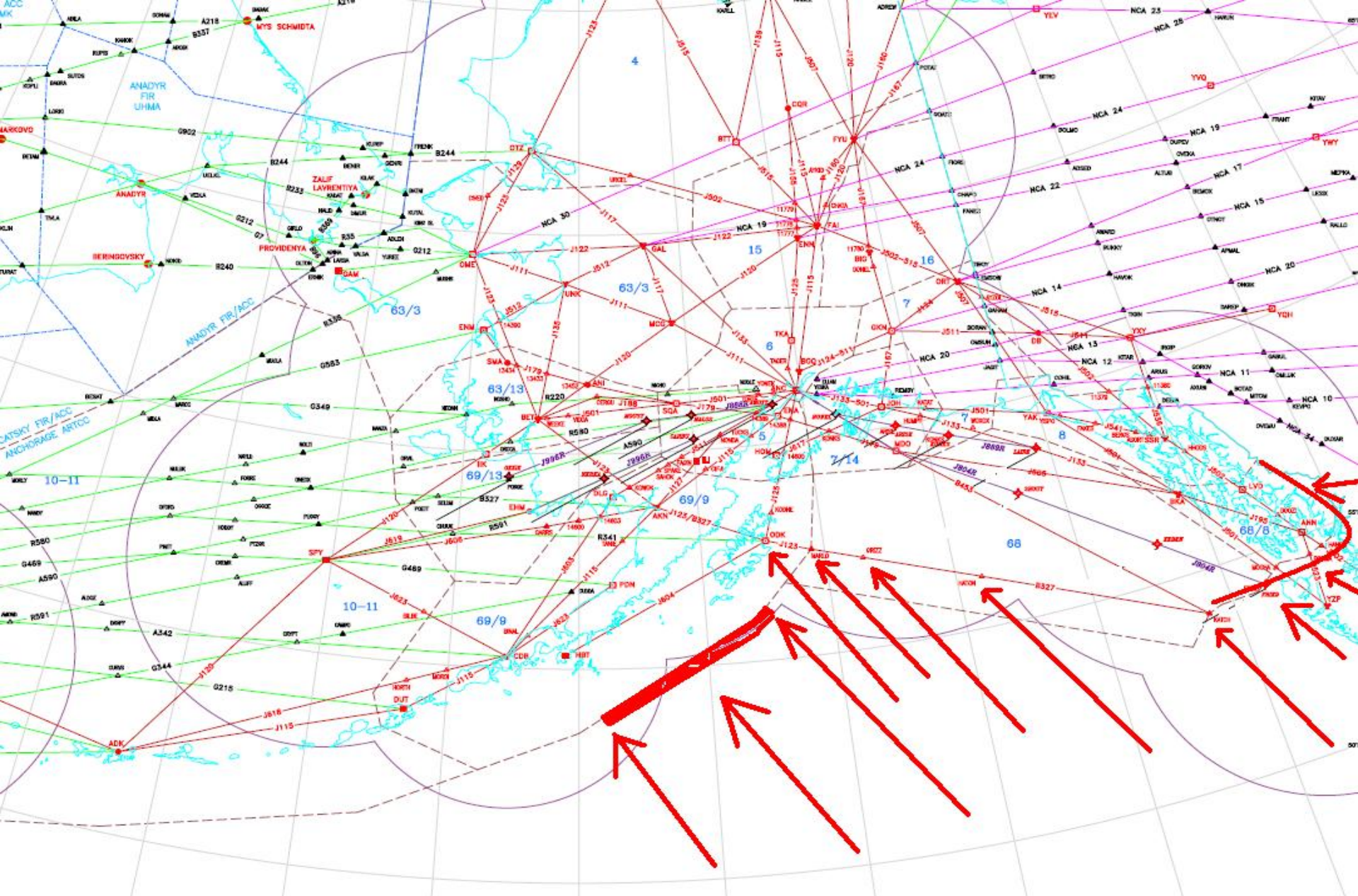
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* AGL

Type	Zoom	Airspace Name ▲	Start Time	End Time	Center ID	State	Min Alt	Max Alt
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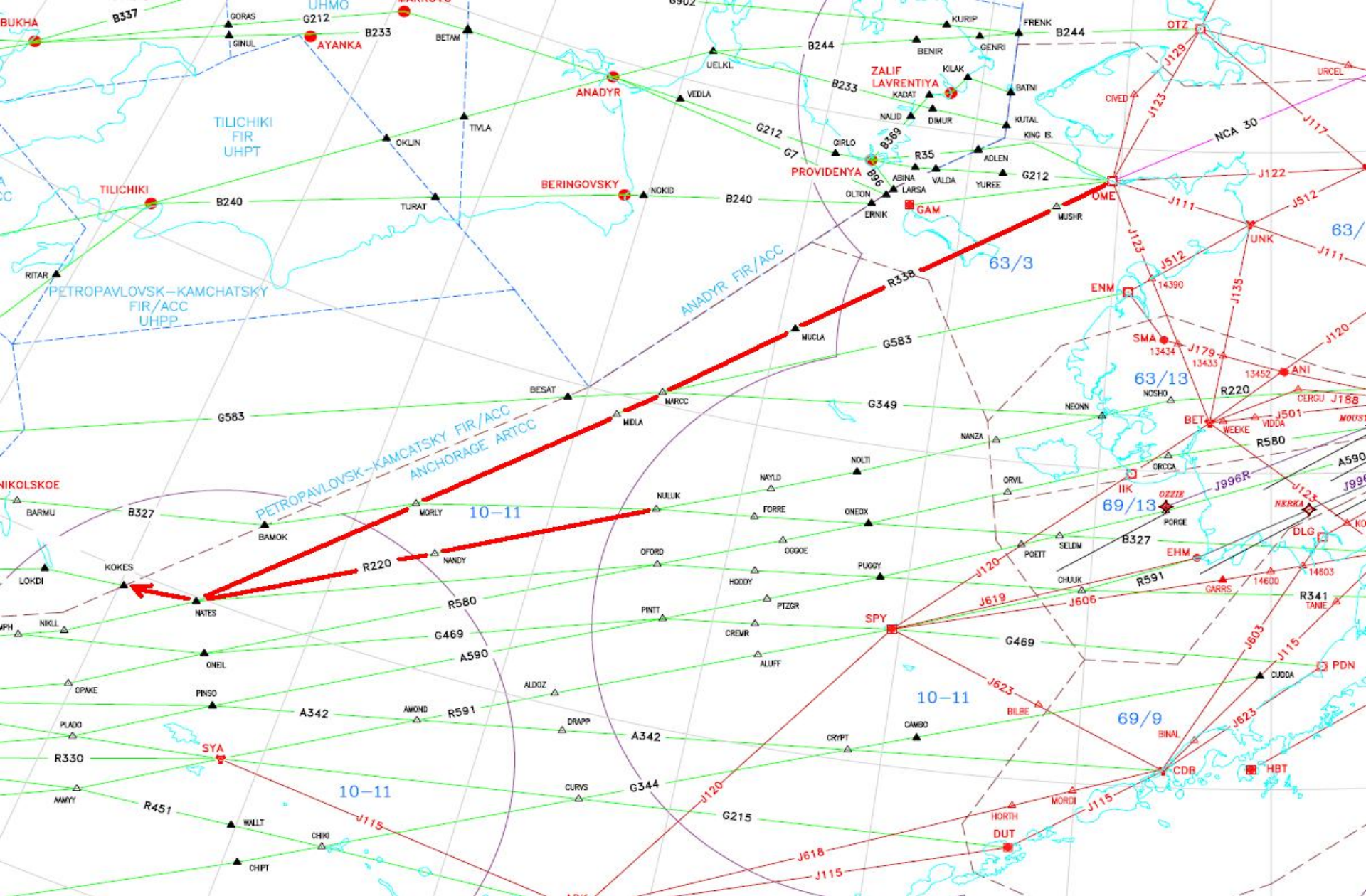


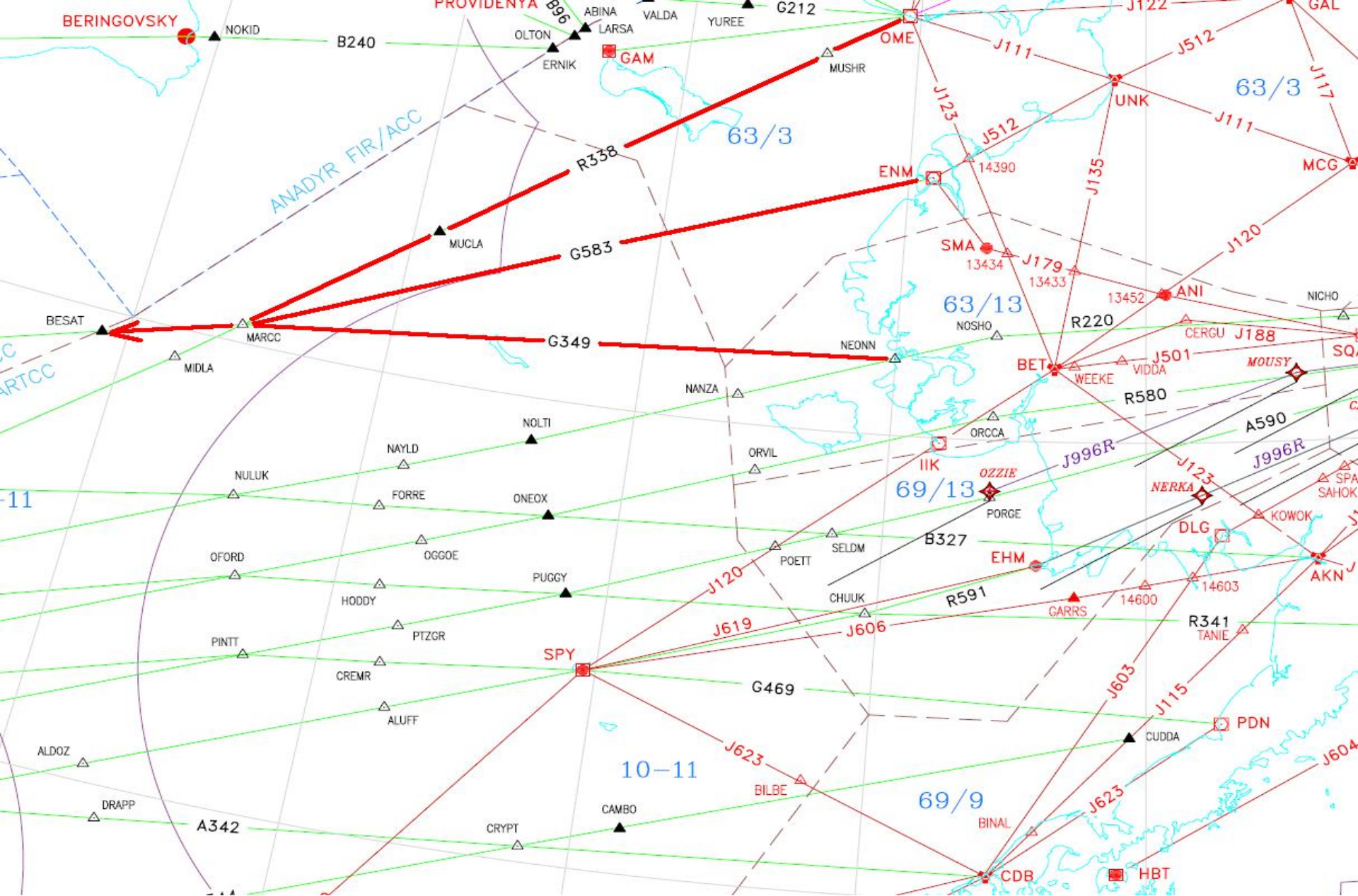


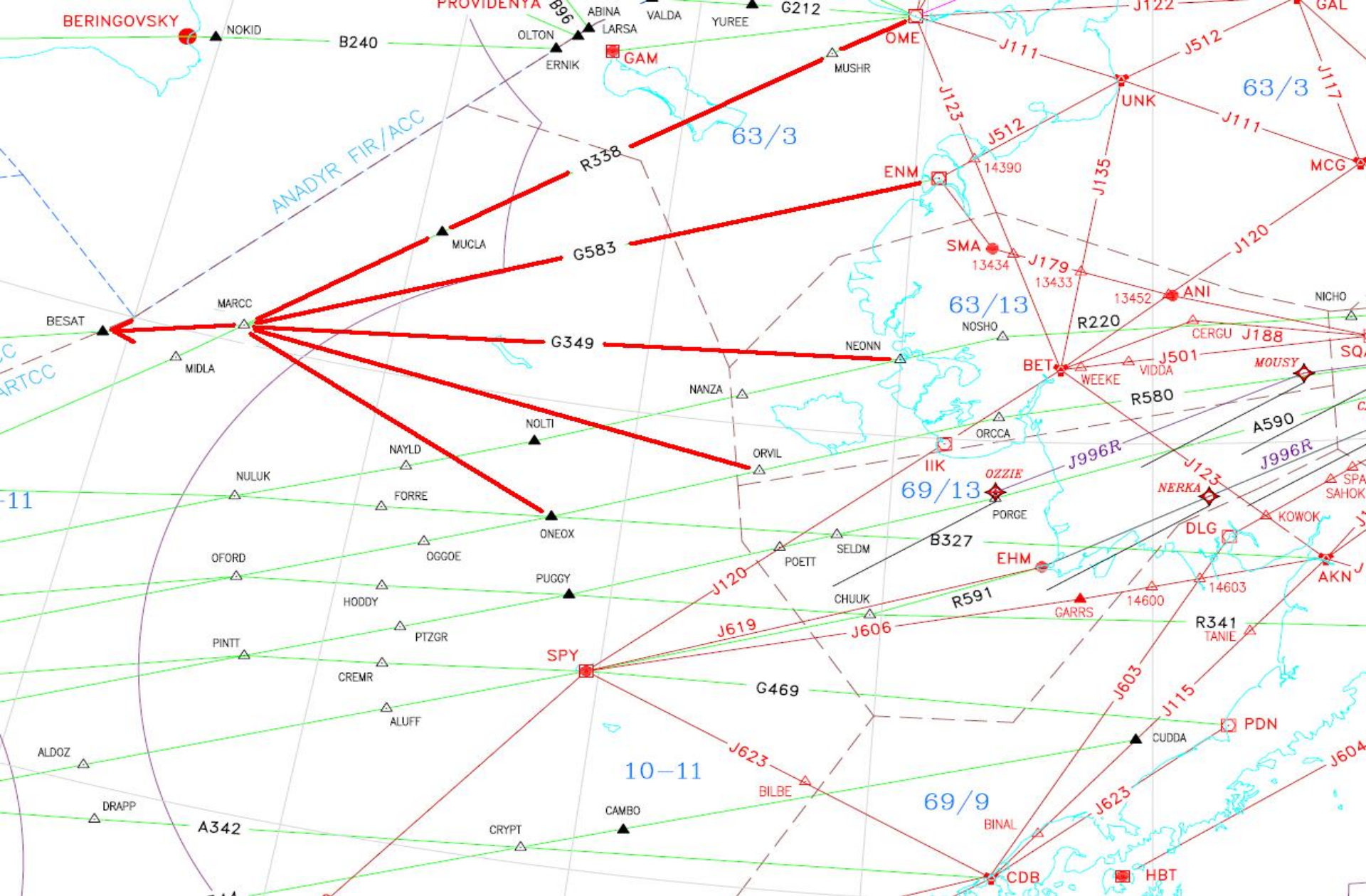
UPRs to the Russian Trans East – cont'd

- Flights entering Anchorage airspace east of KATCH must remain within the Anchorage FIR and *not* enter the Edmonton FIR.
- UPR flights to KOKES shall flight plan via NULUK R220 NATES Direct KOKES.
- UPR flights to BESAT for flights crossing BESAT between 1900 UTC and 0700 UTC shall flight plan via OME R338 MARCC G583 BESAT, or ENM G583 BESAT, or NEONN G349 MARCC G583 BESAT. Flights crossing BESAT between 0701 UTC and 1859 UTC may also file via ONEOX direct MARCC G583 BESAT or ORVIL direct MARCC G583 BESAT.









UPRs to the Russian Trans East – cont'd

- **UPR flights to ERNIK, VALDA, KUTAL and FRENK may file direct to those points provided other requirements noted above are complied with.**
- **Flights on established routes, airways or published flex tracks will be afforded priority for altitude assignment over UPR flights.**



UPRs to the Russian Trans East – cont'd

- **UPDATE –**
 - RTE UPR procedures now include the Vancouver Airport.
 - CYVR V317 YZT then UPR or
 - CYVR J528 TRENA then UPR.
 - Customers no longer required to file around Vancouver ACC military airspaces, i.e. CYD101, 163, 164 or 166.



Questions?

