NAV CANADA

SERVING A WORLD IN MOTION

NAV CANADA Update

Darryl Horn *Manager Polar Ops*

NAV CANADA Edmonton

CPWG 21 *Montreal, Quebec* *May 18-19, 2016*

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SERVING A WORLD IN MOTION

2015-2016 Polar Traffic Stats

		Total	*Flights per day*	*Growth*	*Rolling 12 Month Average*
2015	April	**1,142**	38.1	16%	7.4%
	May	**1,179**	38.0	12%	8.1%
	June	**1,074**	35.8	10%	8.6%
	July	**1,283**	41.4	12%	9.1%
	August	**1,339**	43.2	14%	9.6%
	September	**1,232**	41.1	12%	10.6%
	October	**1,363**	44.0	34%	14.4%
	November	**1,193**	39.8	18%	16.1%
	December	**1,170**	37.7	10%	16.9%
2016	January	**1,256**	40.5	10%	16.4%
	February	**1,126**	40.2	3%	14.1%
	March	**1,312**	42.3	6%	12.9%

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Outbound Canada to Russia

		PIREL	MAGUN	ABERI	DEVID	NALIM	LURUN	RAMEL	PINAG	NIKIN	SALET	ORVIT	AMATI	BARIP	Total	Growth
2015	April	45	18	138	28	2	43	159	128	95	16	170	19	15	876	8%
	May	138	7	227	21	0	35	106	53	68	11	168	18	3	855	-6%
	June	43	9	117	14	6	110	172	65	53	12	175	20	15	811	21%
	July	2	1	104	22	11	133	160	89	68	16	236	28	14	884	1%
	August	79	2	134	15	6	65	131	66	84	31	311	44	32	1000	21%
	September	121	26	147	17	3	41	119	79	93	26	245	41	37	995	14%
	October	111	29	97	22	6	67	227	91	91	16	239	42	35	1073	21%
	November	44	6	140	9	1	38	158	128	85	38	268	34	52	1001	23%
	December	126	10	87	11	1	64	146	64	86	36	264	30	31	956	10%
2016	January	29	0	168	23	6	55	155	73	93	16	245	41	31	1010	12%
	February	66	3	136	19	4	37	100	29	73	27	267	26	48	939	11%
	March	115	15	164	23	1	68	124	46	71	11	268	20	22	1031	2%

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Inbound Russia to Canada

		PIREL	MAGUN	ABERI	DEVID	NALIM	LURUN	RAMEL	PINAG	NIKIN	SALET	ORVIT	AMATI	BARIP	Total	Growth
2015	April	0	8	131	0	0	2	18	3	9	5	38	44	8	266	51%
	May	0	2	107	1	0	2	10	9	32	13	83	45	20	324	123%
	June	0	11	78	0	1	2	7	4	19	14	75	27	25	263	-14%
	July	0	6	133	2	2	16	39	7	18	19	97	36	24	399	46%
	August	0	0	121	1	2	12	34	14	26	10	57	25	37	339	-2%
	September	1	6	94	6	1	1	9	5	28	5	36	35	10	237	4%
	October	2	12	141	1	0	1	5	0	19	3	29	27	50	290	121%
	November	1	11	124	0	0	0	3	0	5	3	18	13	14	192	-2%
	December	0	14	118	2	0	0	2	0	13	0	16	19	13	197	1%
2016	January	0	8	126	2	0	0	0	1	7	0	18	40	29	246	4%
	February	0	10	96	0	0	0	2	1	12	1	11	28	18	187	-24%
	March	0	9	125	0	0	0	4	2	19	3	36	25	41	281	28%

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Technology - ADSC

- ADSC conformance reporting in YEG
  May 17, 2016
- RNP (4) Lateral Spring 2017

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Technology – SATVOICE DCPC

- Test phase coming soon
- For use in EG Polar Sector where VHF coverage does not exist
- Uses current avionics suite

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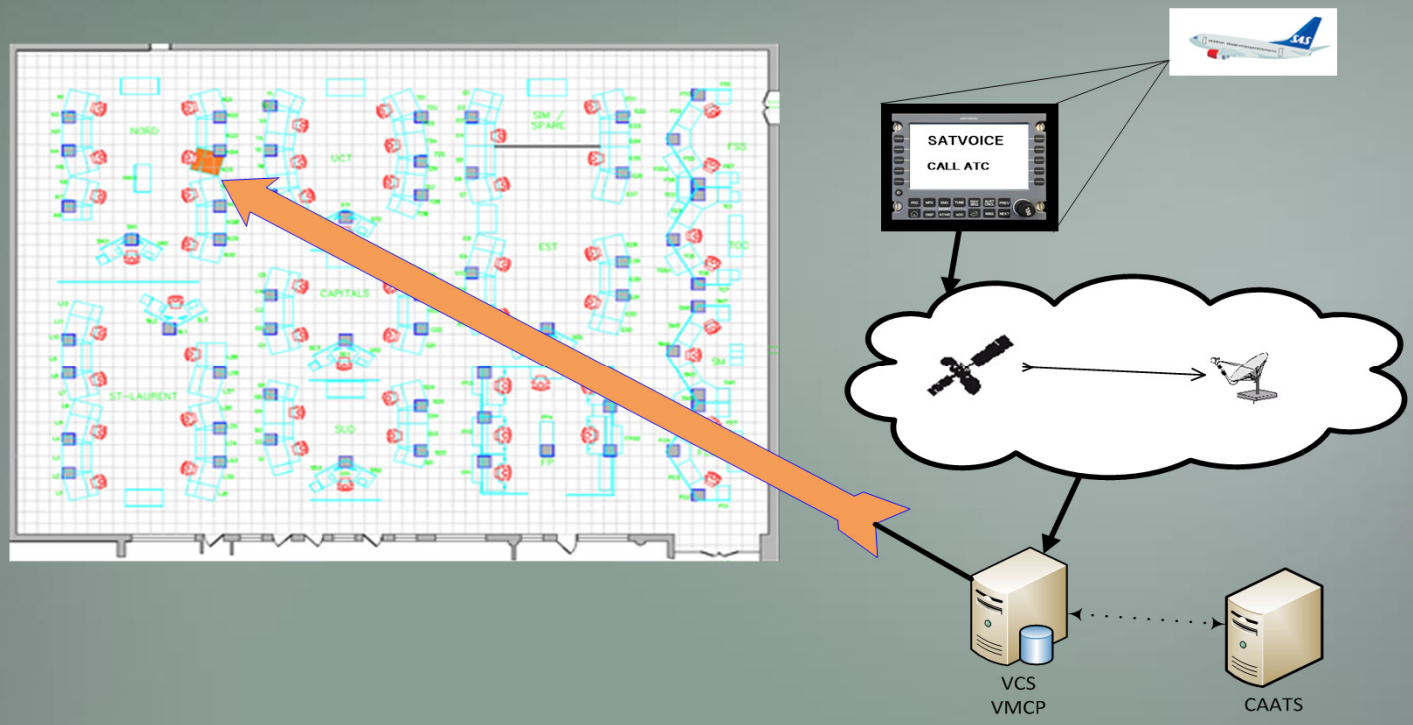
Technology – SATVOICE DCPC

- Only one phone number for EG ACC
- Call will be sent directly to the controller working that aircraft



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SERVING A WORLD IN MOTION

Northern Track Update

- Revoke Some NCA, Mike and Lima tracks
- Leave Named Fixes on these tracks as fixes in space
- Add any named fixes as required
- Change LAT LONG fixes on remaining tracks to five letter
- Will be in effect July 2016

*Some tracks will remain for Airspace Diversions

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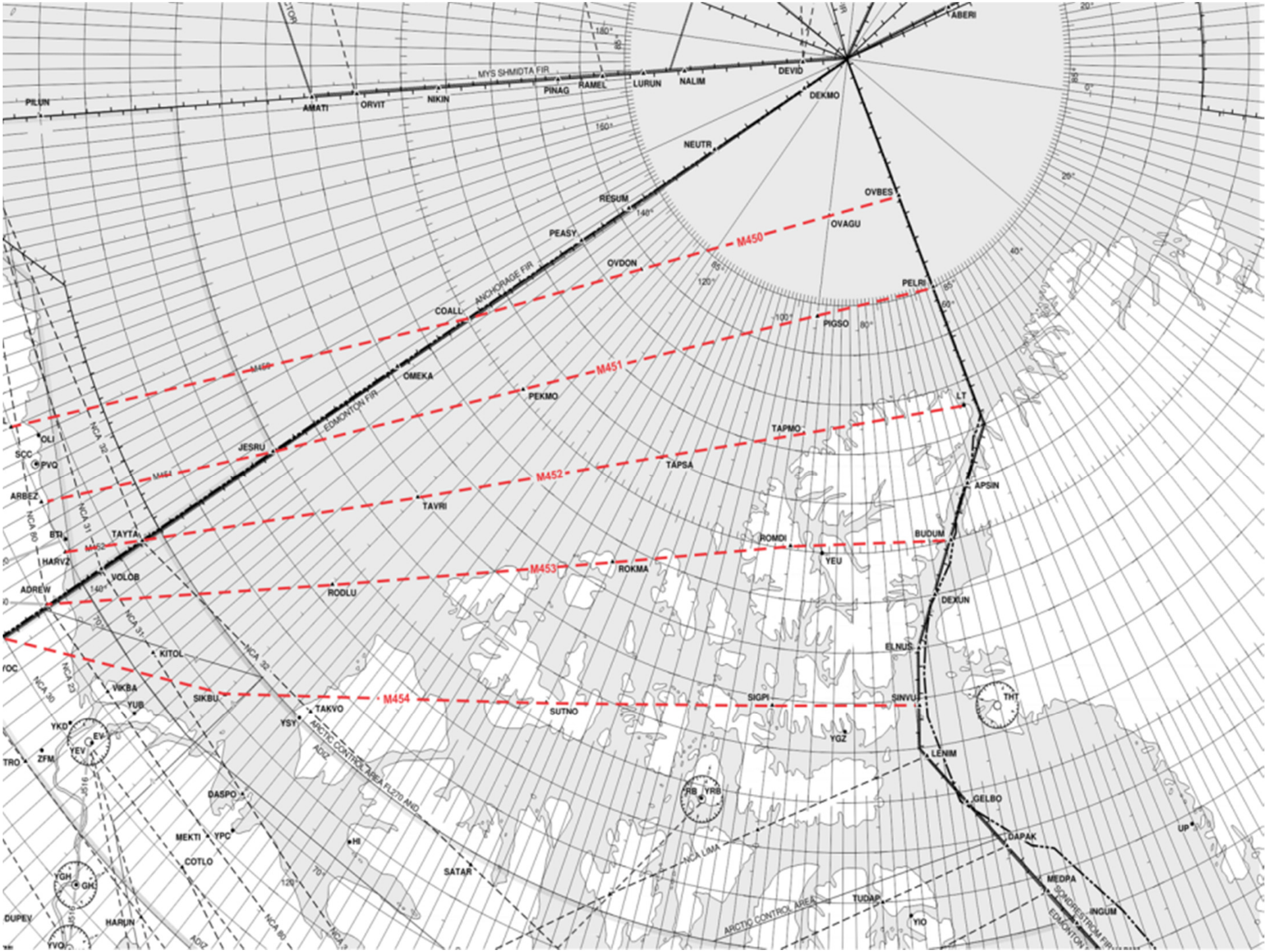
Redundant Tracks

- Revoke M450, M451, M452, M453, M454
- Revoke NCA L, NCA H, NCA N, NCA D, NCA F, NCA T, NCA U, NCA V, NCA W
- Revoke NCA LAT1, 2, 3, 4, 5, 6, 10, 50, 51, 52, 53, 54



MYS SHMIDTA FIR
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ANCHORAGE FIR
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M453
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M454
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ARCTIC CONTROL AREA FL270 AND
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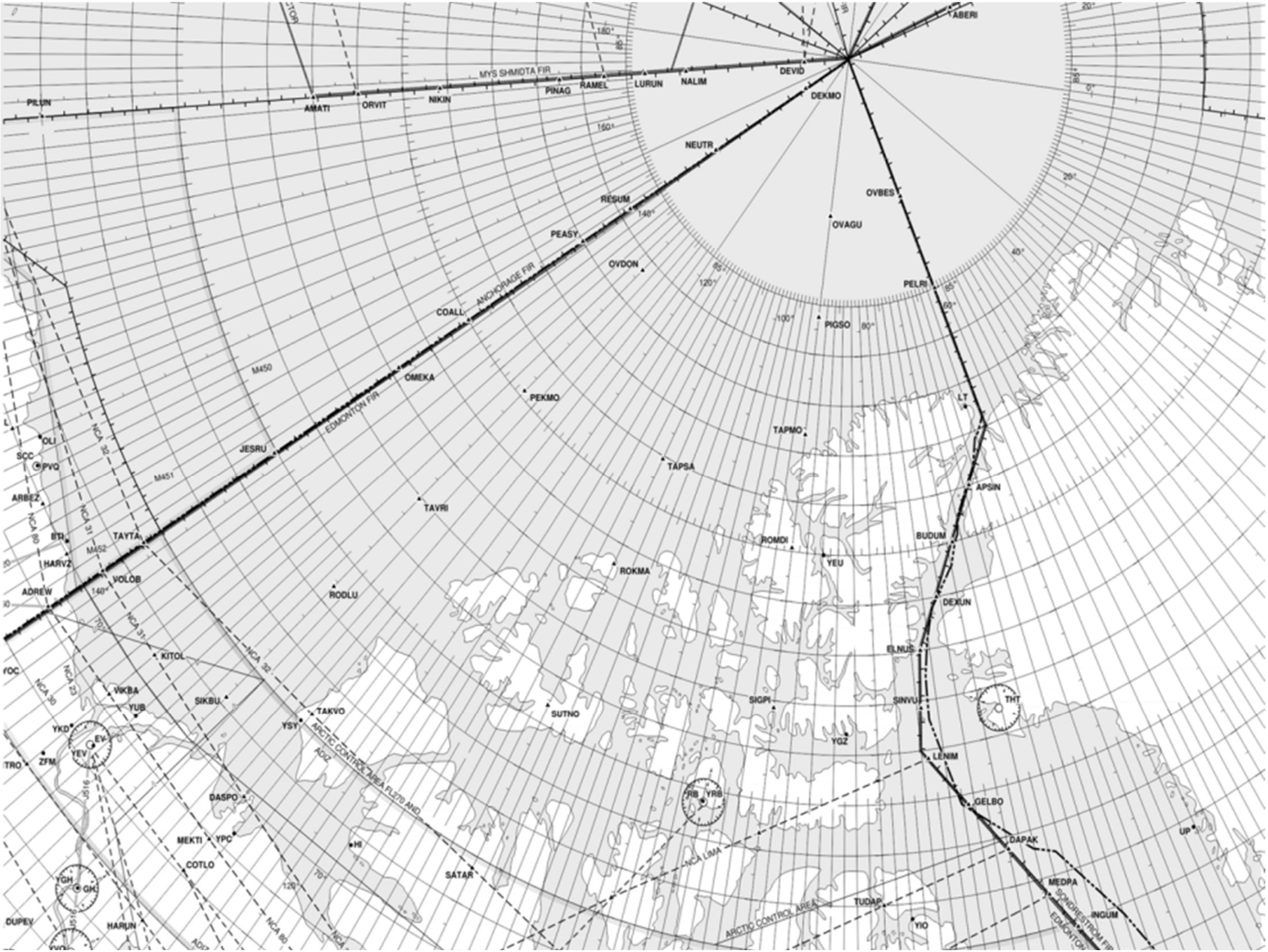

MYS SHMIDTA FIR
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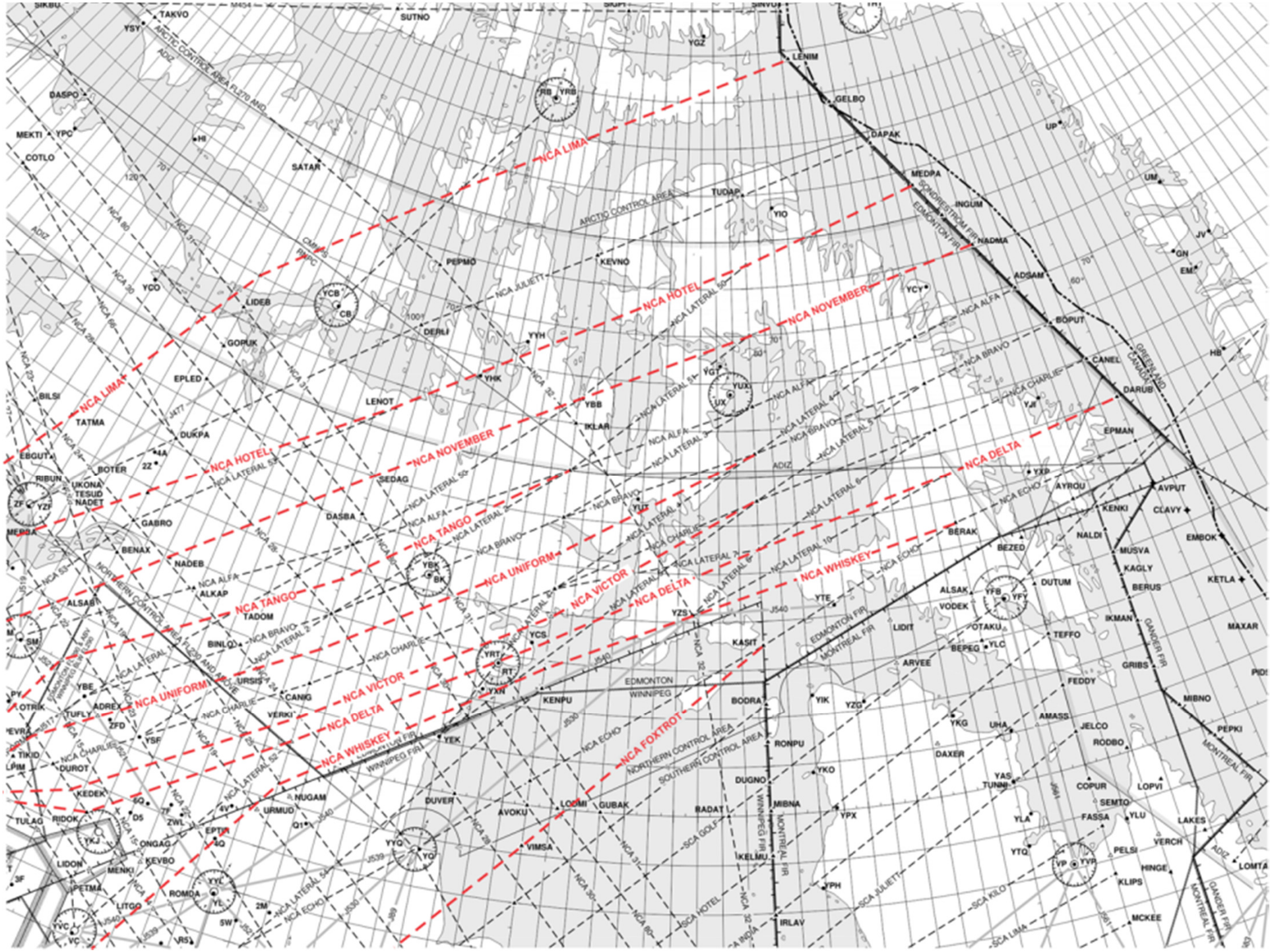
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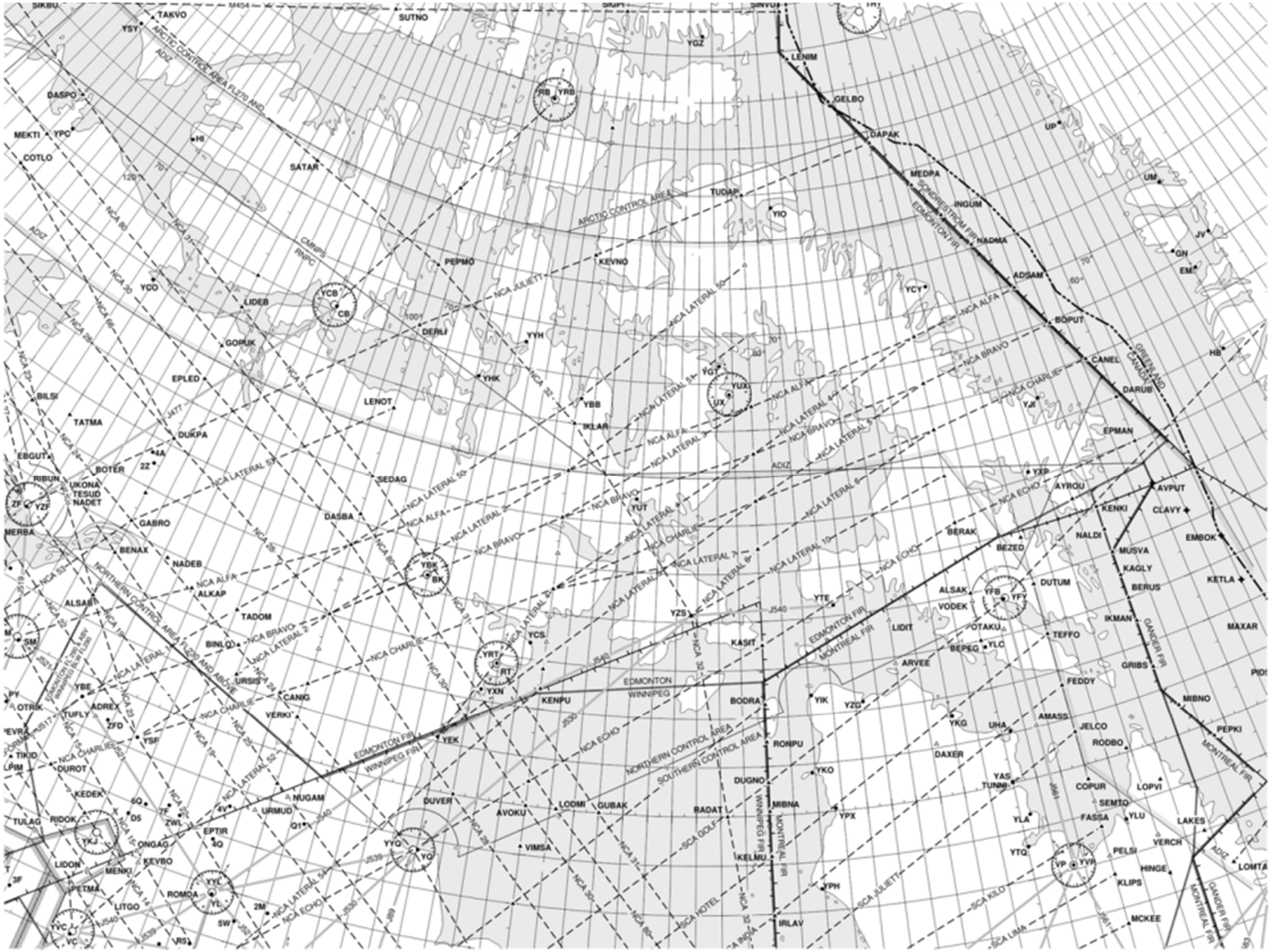
ARCTIC CONTROL AREA FL270 AND ABOVE
NORTHERN CONTROL AREA FL230 AND ABOVE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ARCTIC CONTROL AREA
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NORTHERN CONTROL AREA FL220 AND ABOVE
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SOUTHERN CONTROL AREA
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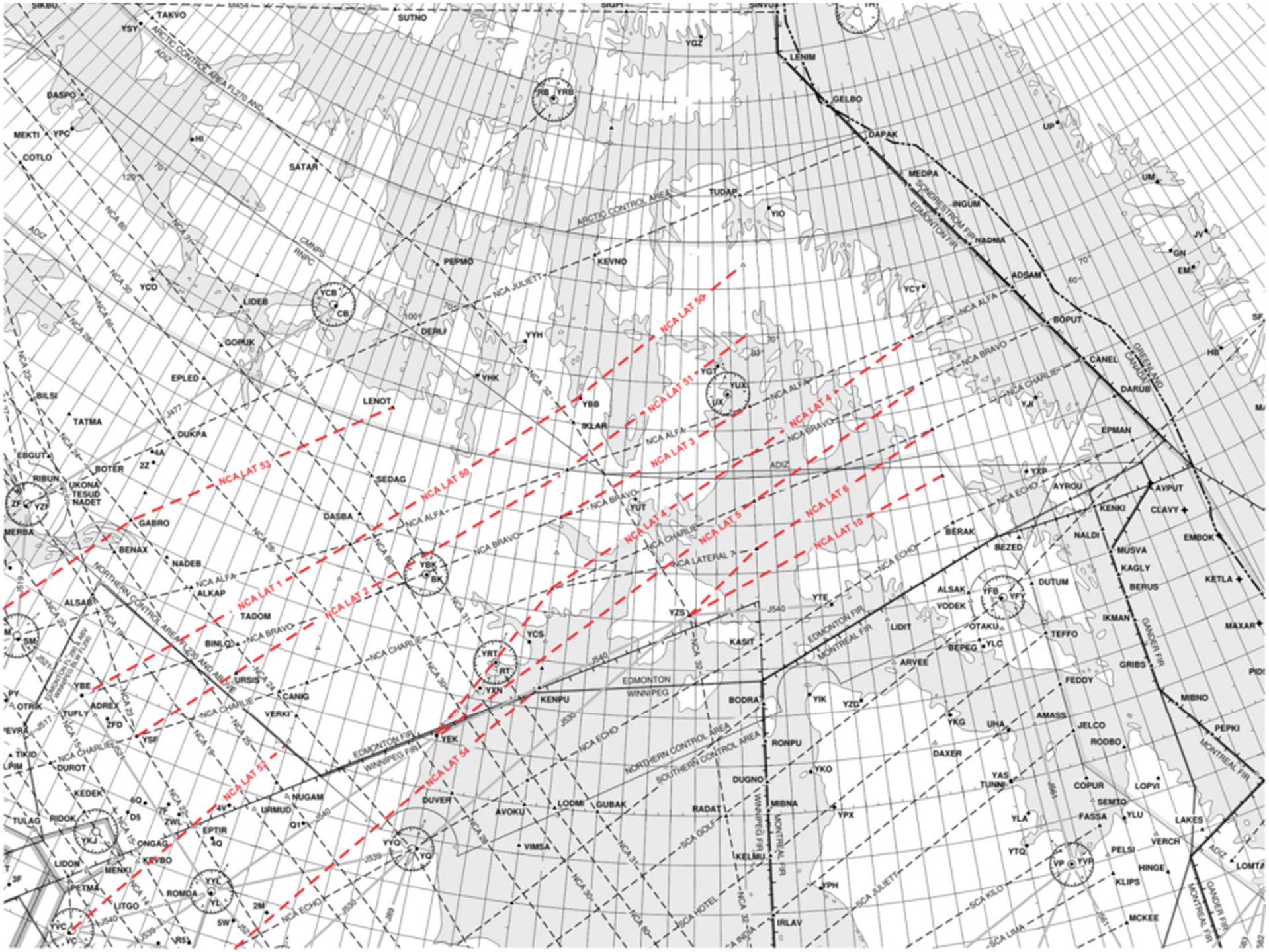
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ARCTIC CONTROL AREA FL370 AND ABOVE
NORTHERN CONTROL AREA FL220 AND ABOVE
EDMONTON FIR / WINNIPEG FIR / MONTREAL FIR
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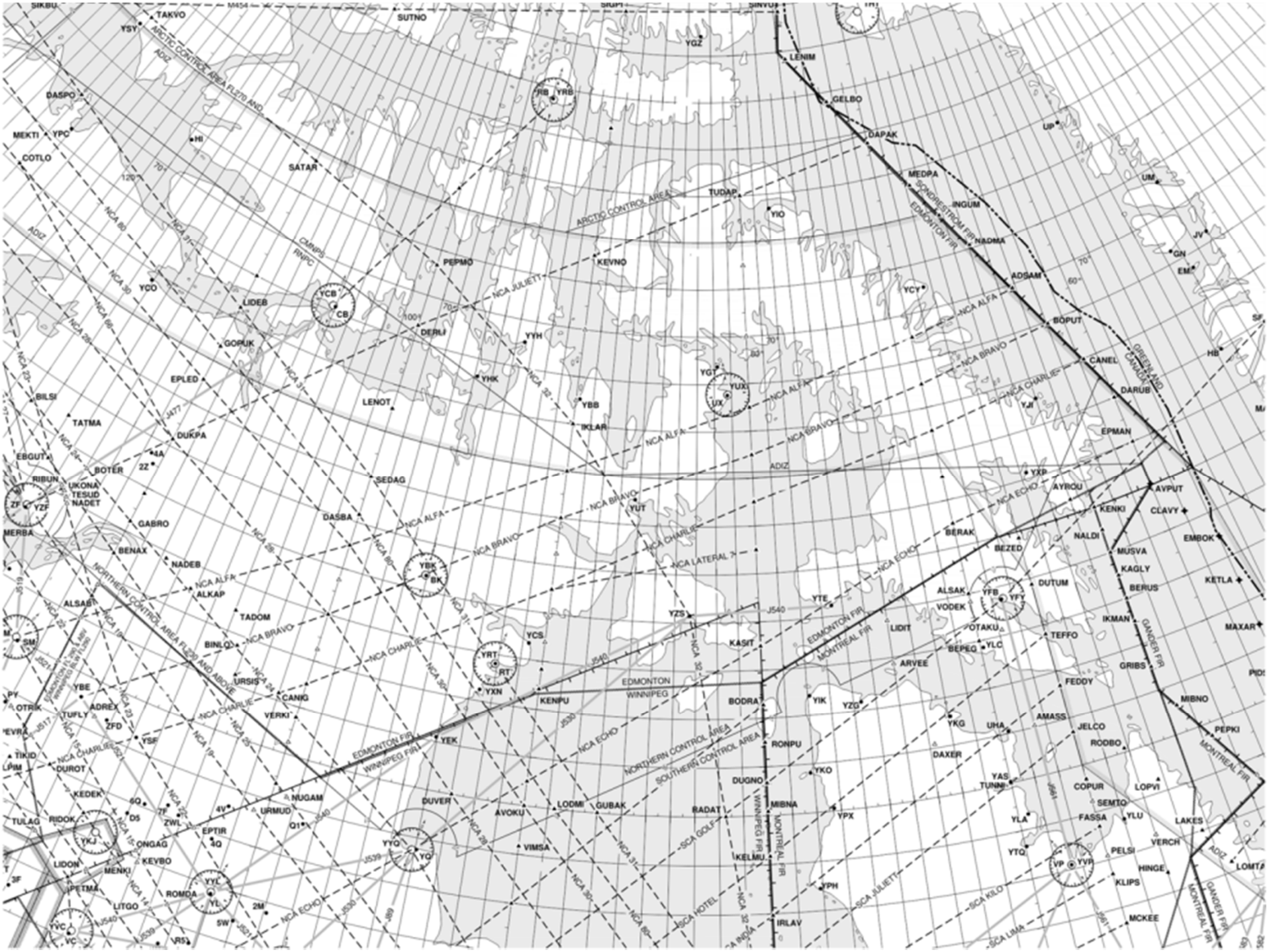
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J530
J537
J539
J540
J541
J545
J547
J551
J553
J561
J575
J579
J589
M454
Q1
6Q
7F
4V
D5
3F
2F
5F
4A
22

NAV CANADA

SERVING A WORLD IN MOTION

Customer Service

- Continued support for PBN
- Support for Anchorage Sector “64” implementation
- Support of ISAVIA’s ADS-B corridor
- WestJet intro to Arctic Ops
- Korean Air flight planning
- China Hainan solar radiation
- KLM / Icelandair Cold Lake

NAV CANADA

SERVING A WORLD IN MOTION

Thank you

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