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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SERVING A WORLD IN MOTION

Technology - ADSC

- ADSC conformance reporting in YEG end of May 2016
- RNP (4) Longitudinal Spring 2017

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SERVING A WORLD IN MOTION

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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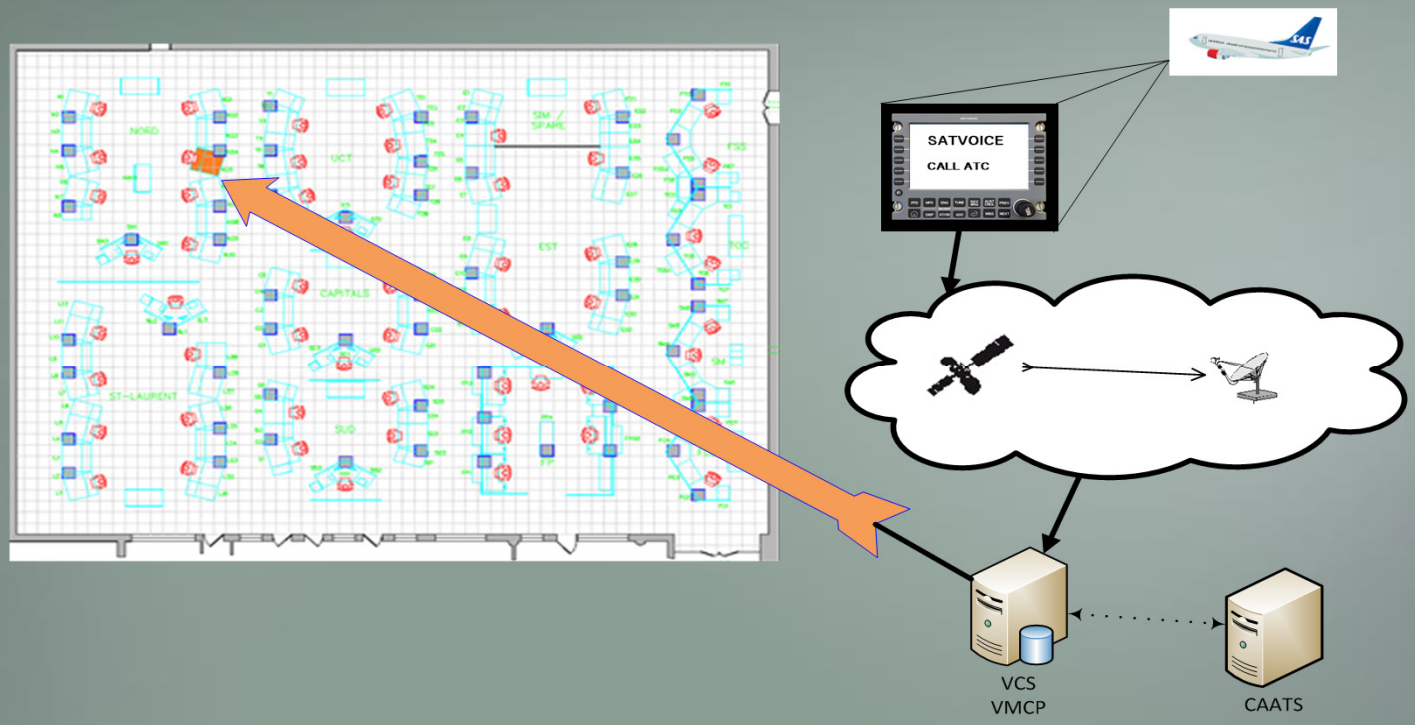
SERVING A WORLD IN MOTION

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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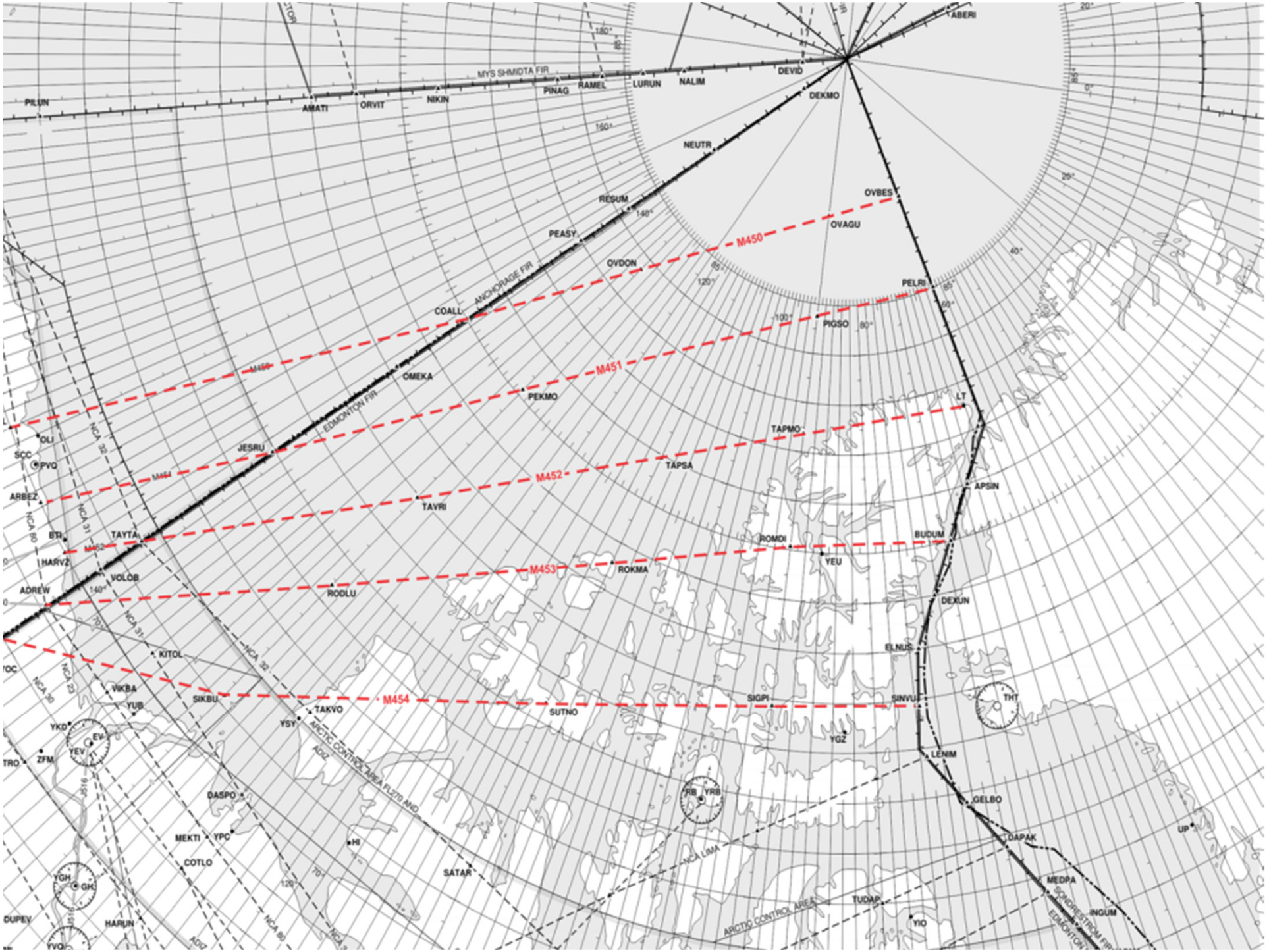
SERVING A WORLD IN MOTION

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
ANCHORAGE FIR
EDMONTON FIR
ARCTIC CONTROL AREA
ARCTIC CONTROL AREA FL270 AND
NCA LIMA
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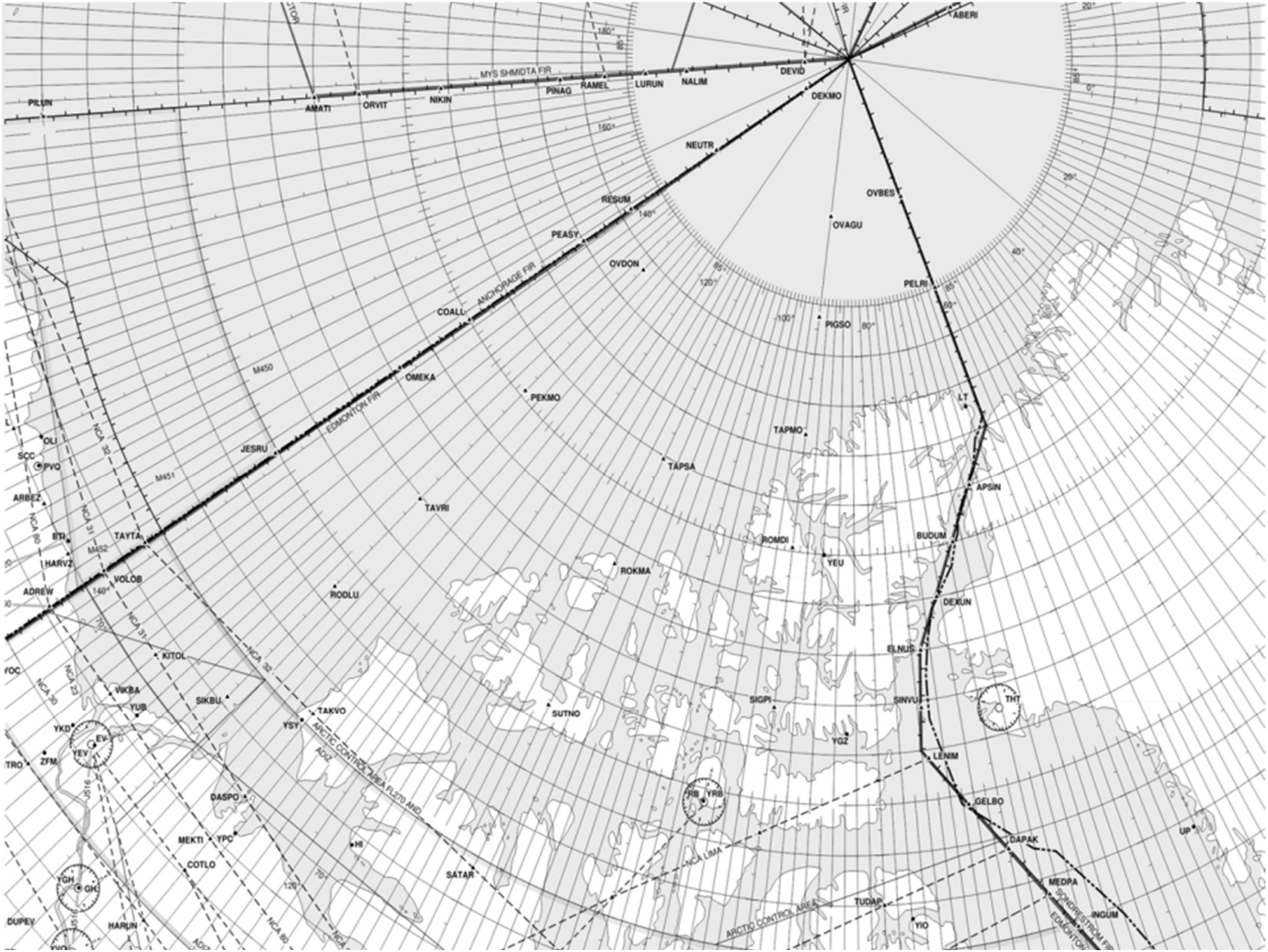

MYS SHMIDTA FIR
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ARCTIC CONTROL AREA FL270 AND
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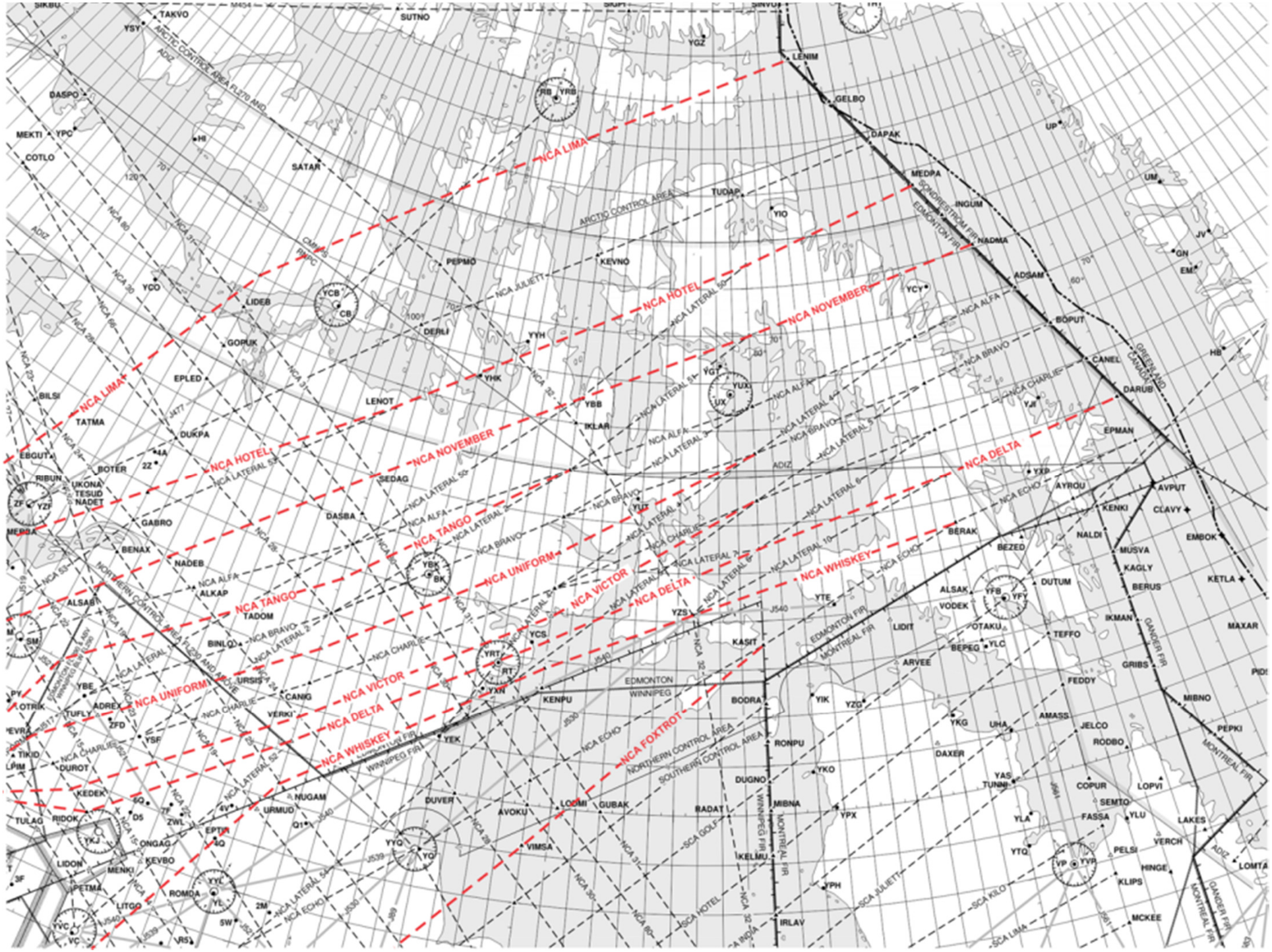
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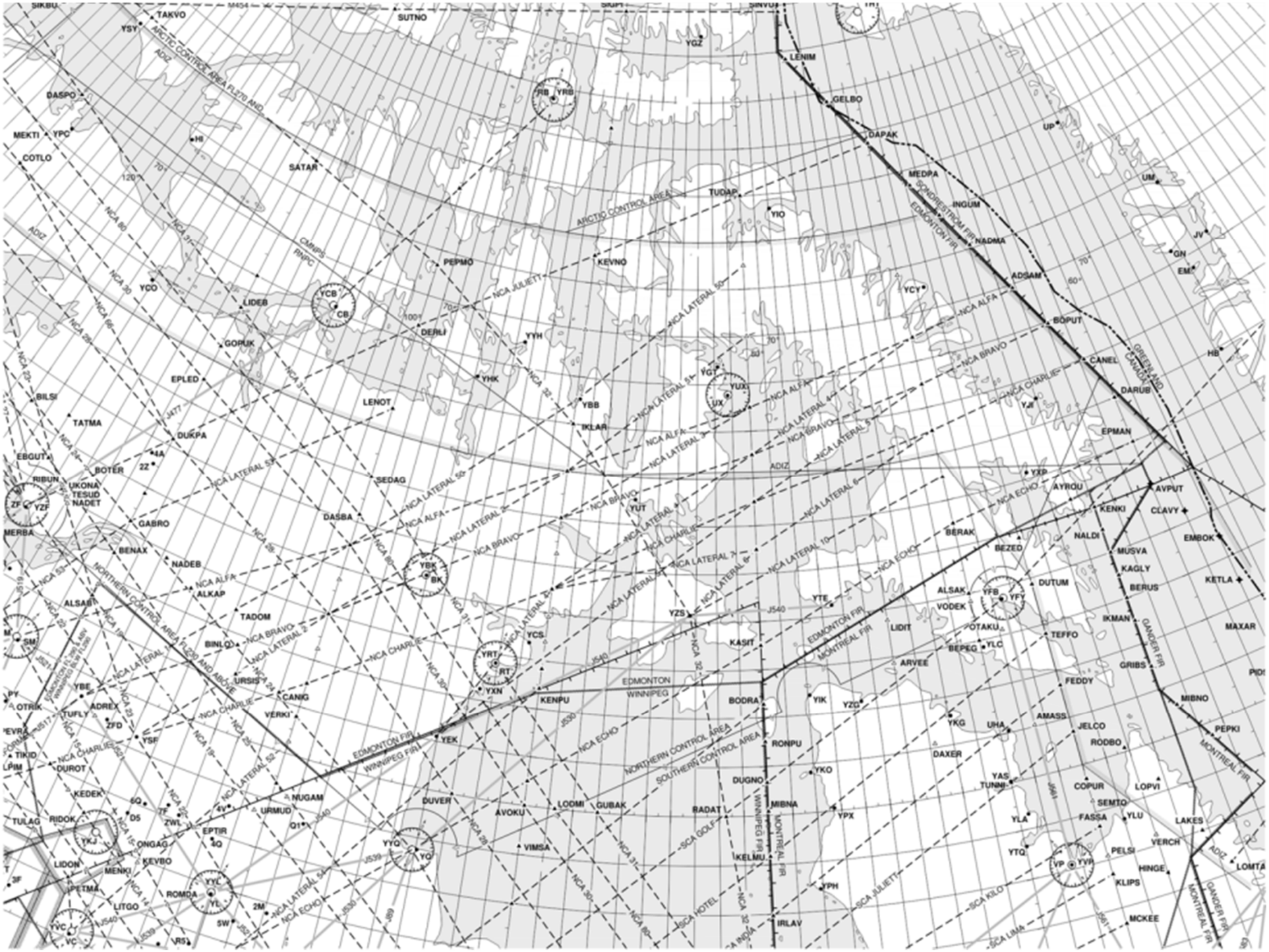
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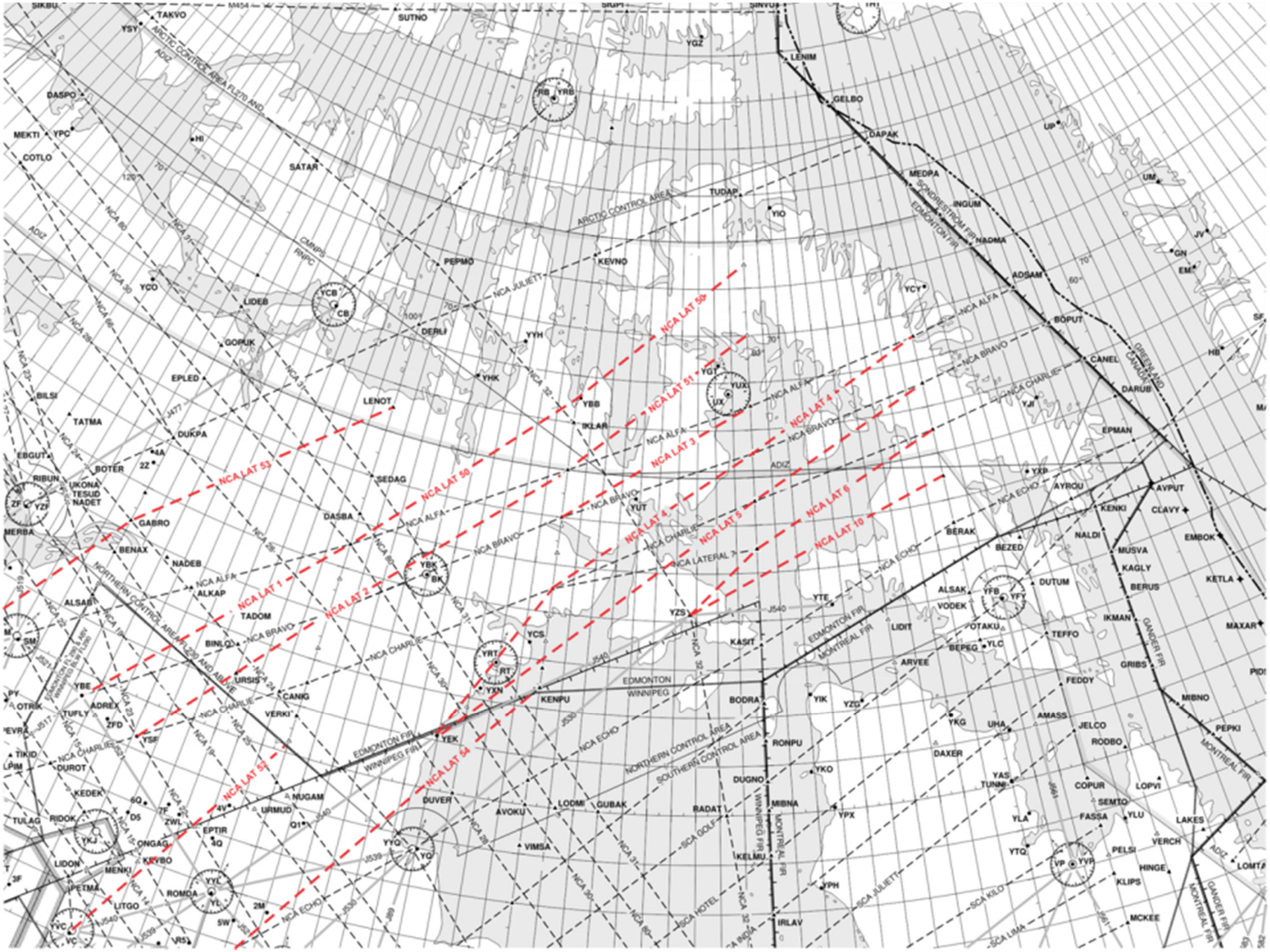
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MONTREAL FIR
GANDER FIR
SONDRESTROM FIR
SCA GOLF
SCA HOTEL
SCA INDIA
SCA JULIETT
SCA KILO
SCA LIMA
ADIZ
CMNPS
RNPC
SIKBU
TAKVO
YSY
SUTNO
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NADMA
ADSAM
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CANEL
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BERUS
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OTRIK
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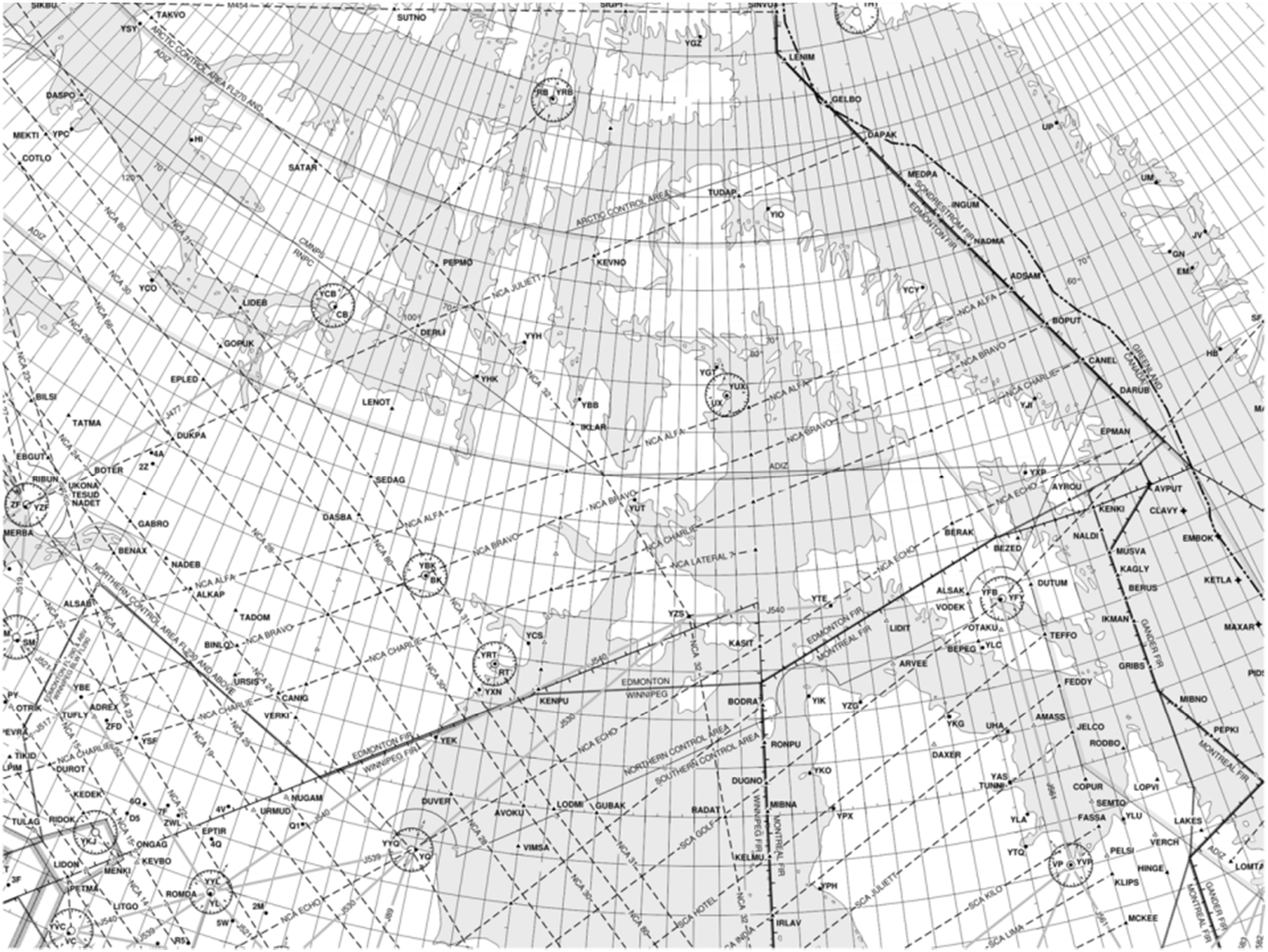
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NCA 100
ARCTIC CONTROL AREA
ARCTIC CONTROL AREA FL270 AND ABOVE
NORTHERN CONTROL AREA FL220 AND ABOVE
NORTHERN CONTROL AREA
SOUTHERN CONTROL AREA
SCA GOLF
SCA HOTEL
SCA INDIA
SCA JULIETT
SCA KILO
SCA LIMA
EDMONTON FIR
WINNIPEG FIR
MONTREAL FIR
GANDER FIR
SONDRESTROM FIR
GREENLAND
CANADA
EDMONTON
WINNIPEG
ADIZ
CMNPS
RNPC
70°
60°
80°
100°
120°

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

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SERVING A WORLD IN MOTION

Thank you

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