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NAV CANADA Update

Darryl Horn *Manager Polar Ops*

NAV CANADA Edmonton

CPWG 20 *Anchorage, Alaska* *October 27-28, 2015*

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2014-2015 Polar Traffic Stats

		Total	*Flights per day*	*Growth*	*Rolling 12 Month Average*
2014	October	**1,019**	32.9	-10%	3.0%
	November	**1,009**	33.6	-3%	1.9%
	December	**1,061**	34.2	1%	1.1%
2015	January	**1,139**	36.7	15%	2.3%
	February	**1,094**	39.1	35%	5.1%
	March	**1,235**	39.8	19%	6.1%
	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%

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Outbound Canada to Russia

		PIREL	MAGUN	ABERI	DEVID	NALIM	LURUN	RAMEL	PINAG	NIKIN	SALET	ORVIT	AMATI	BARIP	Total	Growth
2014	October	76	7	125	27	1	33	99	65	112	0	300	43	0	888	-4%
	November	179	32	96	62	7	28	112	27	110	2	141	14	3	813	-10%
	December	105	10	44	8	0	33	108	93	89	13	294	45	24	866	-2%
2015	January	111	43	222	43	3	53	132	37	107	1	127	20	3	902	8%
	February	159	20	83	12	4	28	126	73	118	14	176	23	12	848	29%
	March	132	49	147	25	1	53	173	57	128	6	206	27	11	1015	23%
	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%

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Inbound Russia to Canada

		PIREL	MAGUN	ABERI	DEVID	NALIM	LURUN	RAMEL	PINAG	NIKIN	SALET	ORVIT	AMATI	BARIP	Total	Growth
2014	October	0	1	59	1	0	4	6	2	4	0	40	14	0	131	-36%
	November	0	2	96	8	0	1	7	2	10	0	53	12	5	196	44%
	December	2	15	127	6	0	3	6	2	8	0	14	8	4	195	19%
2015	January	0	6	106	4	0	1	4	1	7	0	65	23	20	237	59%
	February	2	22	115	3	0	1	10	10	10	1	29	20	23	246	59%
	March	1	12	77	1	1	0	8	4	7	5	55	26	23	220	5%
	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%

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Technology - ADSC

- ADSC conformance reporting in YEG Summer 2016
- ADSC in YVR 2016

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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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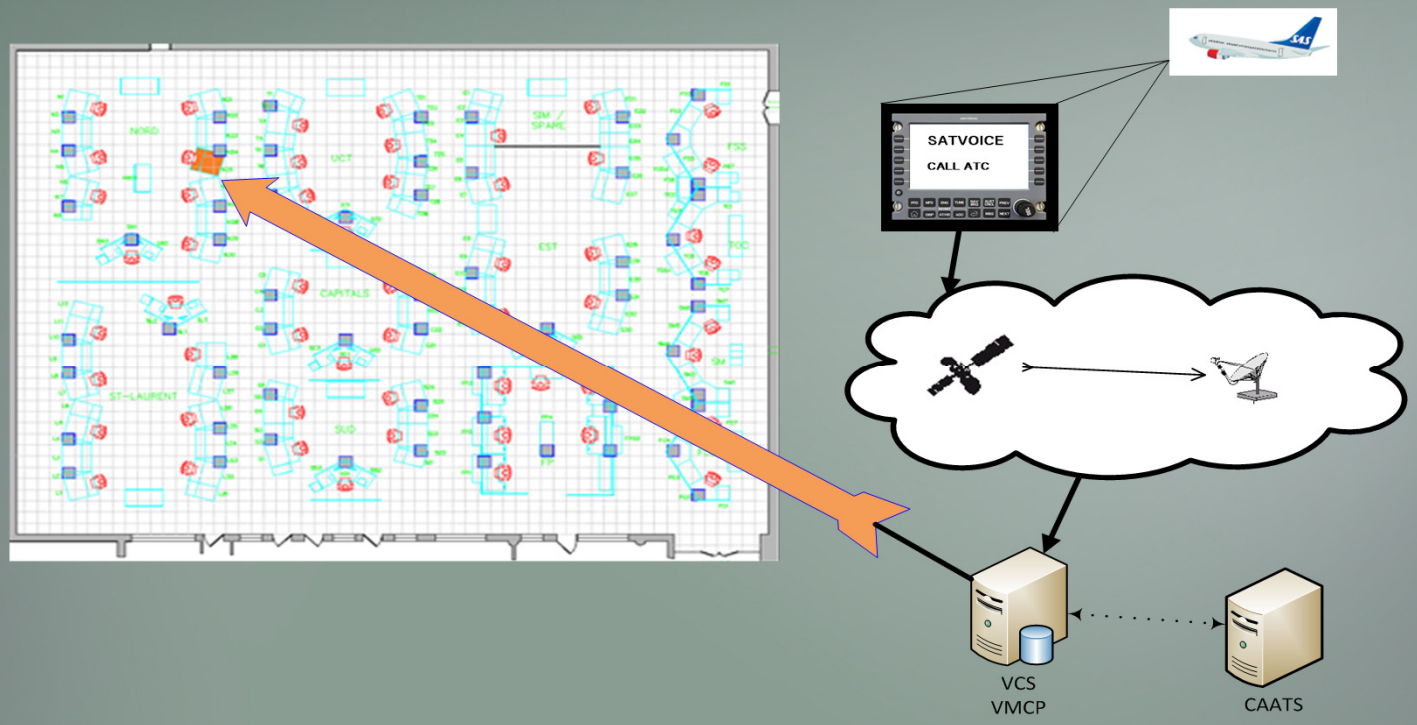
Technology – SATVOICE DCPC

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



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Safety

- Feasibility of lowering ADS-B coverage from 280 to 200 over Hudson Bay
- Planning for CPDLC Phase 4
- Clearances via CPDLC being reviewed
- Lowering Medium Term Conflict Prediction from 280 to 200

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Military Airspace

- Issues with Cold Lake Range and long haul routes
- Some evenings and weekends FL290 and above is now being released on an adhoc basis
- NOTAM is now being issued when not active

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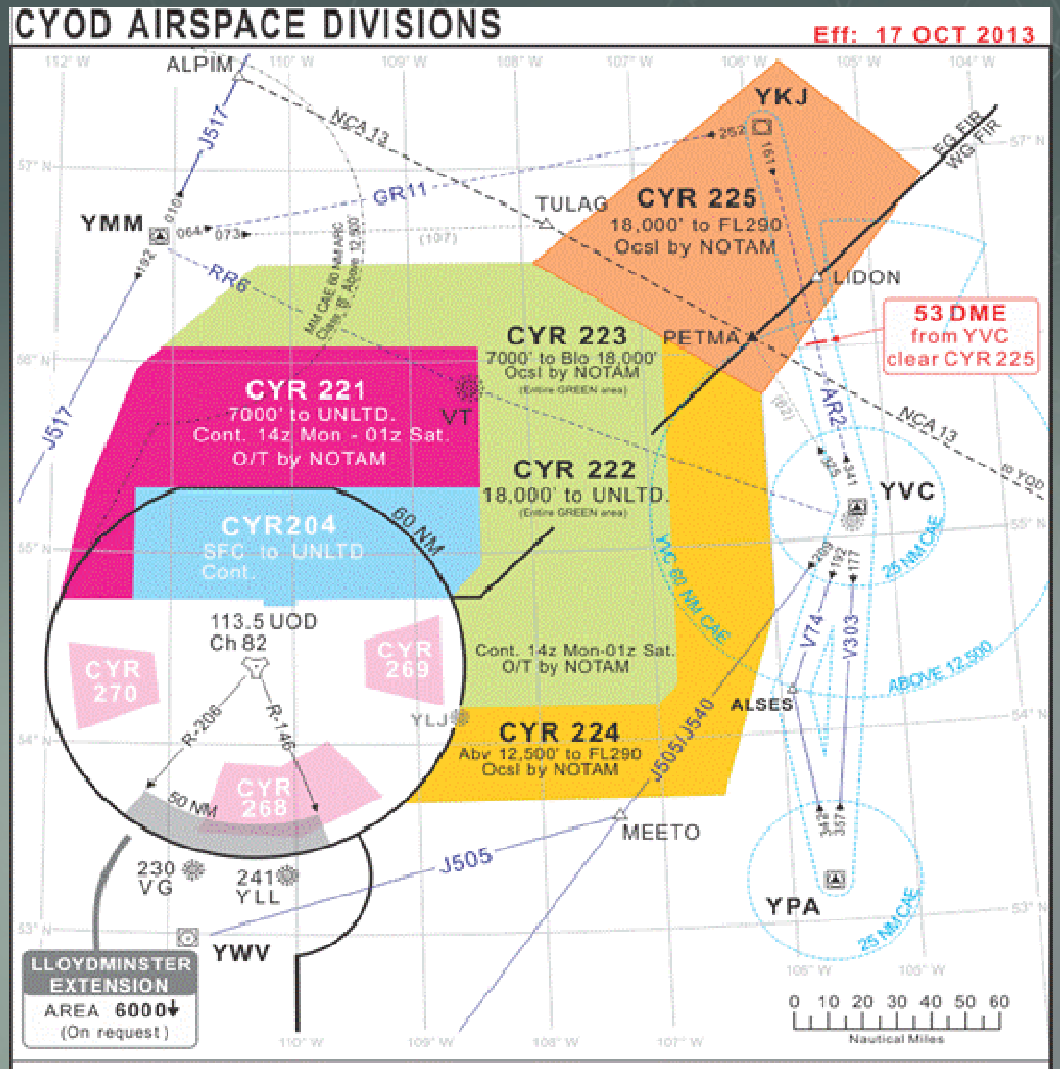

CYR 204 - SFC to UNLTD / Cont.
CYR 221 - 7000' to UNLTD / Cont. 14z Mon - 01z Sat. / O/T by NOTAM
CYR 222 - 18,000' to UNLTD / Cont. 14z Mon - 01z Sat. / O/T by NOTAM
CYR 223 - 7000' to Below 18,000' / Ocsl by NOTAM
CYR 224 - Above 12,500' to FL290 / Ocsl by NOTAM
CYR 225 - 18,000' to FL290 / Ocsl by NOTAM
CYR 268 - 7000' to FL260 / 15-01z (DT 14-2359z) Mon-Fri. / O/T by NOTAM
CYR 269 - 7000' to FL260 / 15-01z (DT 14-2359z) Mon-Fri. / O/T by NOTAM
CYR 270 - 7000' to FL260 / 15-01z (DT 14-2359z) Mon-Fri. / O/T by NOTAM

CVIDS: UOD+3, VC+2, KJ+3

EG GeoSPAT-JRL 13.09.26

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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

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Customer Service

- Continued support for PBN
- T and Q route implementation
- Review of ground based NAV AIDS underway
- RNP for YYC and YEG

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Thank you

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