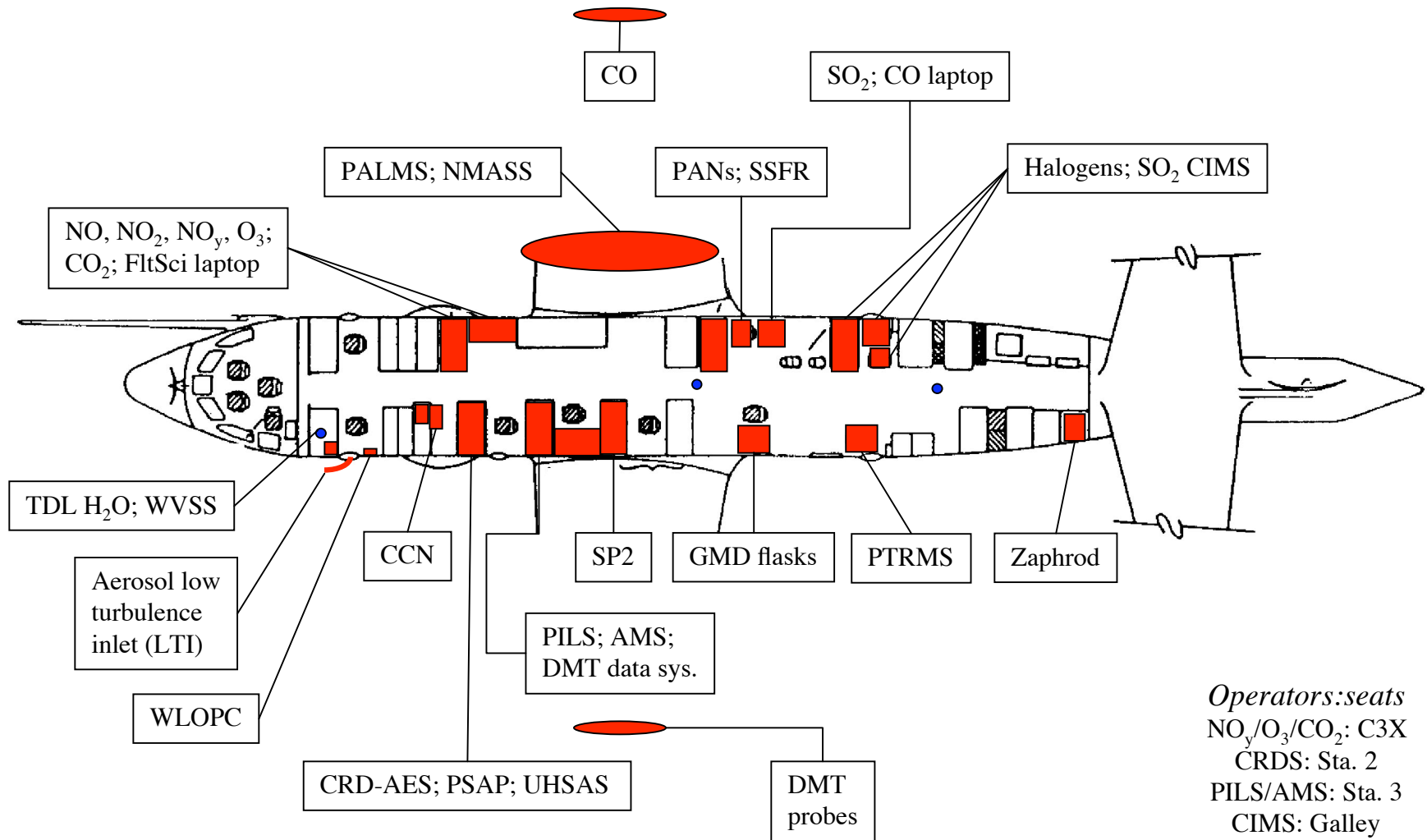


N43RF layout - ARCPAC 2008

NOAA-CSD

version 7

12-28-2007



Operators: seats
NO_y/O₃/CO₂: C3X
CRDS: Sta. 2
PILS/AMS: Sta. 3
CIMS: Galley
Other operator: Galley

ARCPAC 2008
GMD flask analyses

Halocarbon group analysis:	
CFCs	Hydrocarbons
CFC-13	Propane
CFC-115	n-Butane
CFC-12	Isopentane
CFC-114	n-Pentane
CFC-11	Acetylene
CFC-113	Benzene
HFCs	Other Chlorinated Haloalkanes
HFC-23	Methyl chloride
HFC-125	Chloroethane
HFC-143a	Dichloromethane
HFC-134a	Chloroform
HFC-152a	Carbon tetrachloride
HFC-227ea	Methyl Chloroform
HFC-365mfc	Trichloroethylene
	Tetrachloroethylene
HCFCs	Other Brominated Haloalkanes
HCFC-22	Methyl bromide
HCFC-142b	Dibromomethane
HCFC-141b	Bromoform
HCFC-124	
HCFC-21	Others
	Iodomethane
Halons	Sulfur Compounds
H-1301	OCS
H-1211	
H-2402	Carbon disulfide

Carbon cycle group analysis:
CO ₂
CH ₄
CO
SF ₆
N ₂ O
H ₂

INSTAAR isotope analysis:
¹³ C of CO ₂
¹⁸ O of CO ₂
¹³ C of CH ₄ (instead of halocarbons)

compounds for us--any potential sampling or analysis artifacts have not been explored or characterized. For many of the compounds indicated in red text we do not have calibration scales (exceptions include propane, pentanes and acetylene).

P-3 schedule update - Feb. 21, 2008

IPY 2008 N43RF target schedule v7.1

2 of 4

!!!

Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Feb 2008					1	2 <i>Groundhog Day</i>
3	4	5	6	7	8	9
<p style="text-align: center;">IPY integration</p> <p style="text-align: center;">Sta. 5: PANs/SSFR and radiometer heads; RWS83: AMPS pod/PALMS/NIMASS</p>						
10	11	12	13	14	15	16
<p style="text-align: center;">IPY integration</p> <p style="text-align: center;">Sta. 2: CRD-AES/PSAP; Sta. 7: Halogens/SO2 CIMS; LIPF pumps</p>						
17	18	19	20	21	22	23
<p style="text-align: center;">AOC prep. and fuel tank work</p> <p><i>President's Day</i></p> <p>Fedex CCP/PIP</p> <p>Fedex CAS/UHSAS</p>						
24	25	26	27	28	29	
<p style="text-align: center;">AOC prep. and fuel tank work</p> <p style="text-align: center;">Aviation safety training</p> <p style="text-align: center;">Cargo relabeling</p>						

P-3 schedule update - Feb. 21, 2008

IPY 2008 N43RF target schedule v7.1

2 of 4

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17	18	19	20	21	22	23
<p>AOC prep. and fuel tank work</p>						
	<i>President's Day</i> Fedex CCP/PIP				Fedex CAS/UHSAS	
24	25	26	27	28	29	
<p>AOC prep. and fuel tank work</p>						
<p>Aviation safety training</p> <p>Cargo relabeling</p>						

•Aviation training is unchanged

•Integration work is moved to following week

•Truck 3 departure moved to Friday of following week
- Nowak can still relabel and redirect boxes as needed for trucks 3 & 5

P-3 schedule update - Feb. 21, 2008

IPY 2008 N43RF target schedule v7.1

3 of 4

Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
March 2008						1
2	3	4	5	6	7	8
	IPY integration		Dual Pass.: GMD flasks; Sta. 8: PTRMS; DMT probes, UHSAS		Truck 3 FL-CO	
9	10	11	12	13	14	15
Daylight Saving	AOC prep., CCT, & config. flight				Truck 4 CO-AK Aircraft out of hangar	
16	17	18	19	20	21	22
	IPY integration		Power checks & check flights		transit to CO	Denver
	Hangar door replacement		CSD packing	Truck 5 FL-CO		Truck 5 arrives CO
23	24	25	26	27	28	29
Easter	first flight in CO?	Denver			transit to AK	Fairbanks
	Truck 4 arrives AK			CSD packing	Air freight CO-AK	1-day air freight arrives AK

- PTRMS & GMD flasks now integrating in the first week of March
- access and power for PANs, PILS, SP2, NOy, etc.

- Truck 3 (FL-CO) now departs Friday March 7
-Brock is truck 3 czar
-9 AM load at AOC
-unload at DSRC

- Truck 4 (CO-AK) now departs Friday March 14
-Hübler is truck 4 czar
-9 AM load at DSRC
-Air-ride, T-controlled and dedicated shipment to AK

- Hangar door work to begin on March 17
-aircraft on ramp
-Access route TBD

P-3 schedule update - Feb. 21, 2008

IPY 2008 N43RF target schedule v7.1

3 of 4

Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
March 2008						1
2	3	4	5	6	7	8
	IPY integration		Dual Pass.: GMD flasks; Sta. 8: PTRMS; DMT probes, UHSAS		Truck 3 FL-CO	
9	10	11	12	13	14	15
Daylight Saving	AOC prep., CCT, & config. flight				Truck 4 CO-AK	Aircraft out of hangar
	Truck 3 arrives CO					
16	17	18	19	20	21	22
	IPY integration		Power checks & check flights		transit to CO	Denver
	Hangar door replacement		CSD packing	Truck 5 FL-CO		Truck 5 arrives CO
23	24	25	26	27	28	29
Easter	first flight in CO?	Denver			transit to AK	Fairbanks
	Truck 4 arrives AK			CSD packing	Air freight CO-AK	1-day air freight arrives AK

- Truck 5 (FL-CO)

- Brock is truck 5 czar
- 9 AM load at AOC
- departs after P-3 takeoff
- unload Sat. at RAF

- Transit flight ~ 6 hrs




- ETA 5 PM at RAF
- rides to DSRC for transit flight science crew?

- Fedex/air freight ships after P-3 departs for Fairbanks

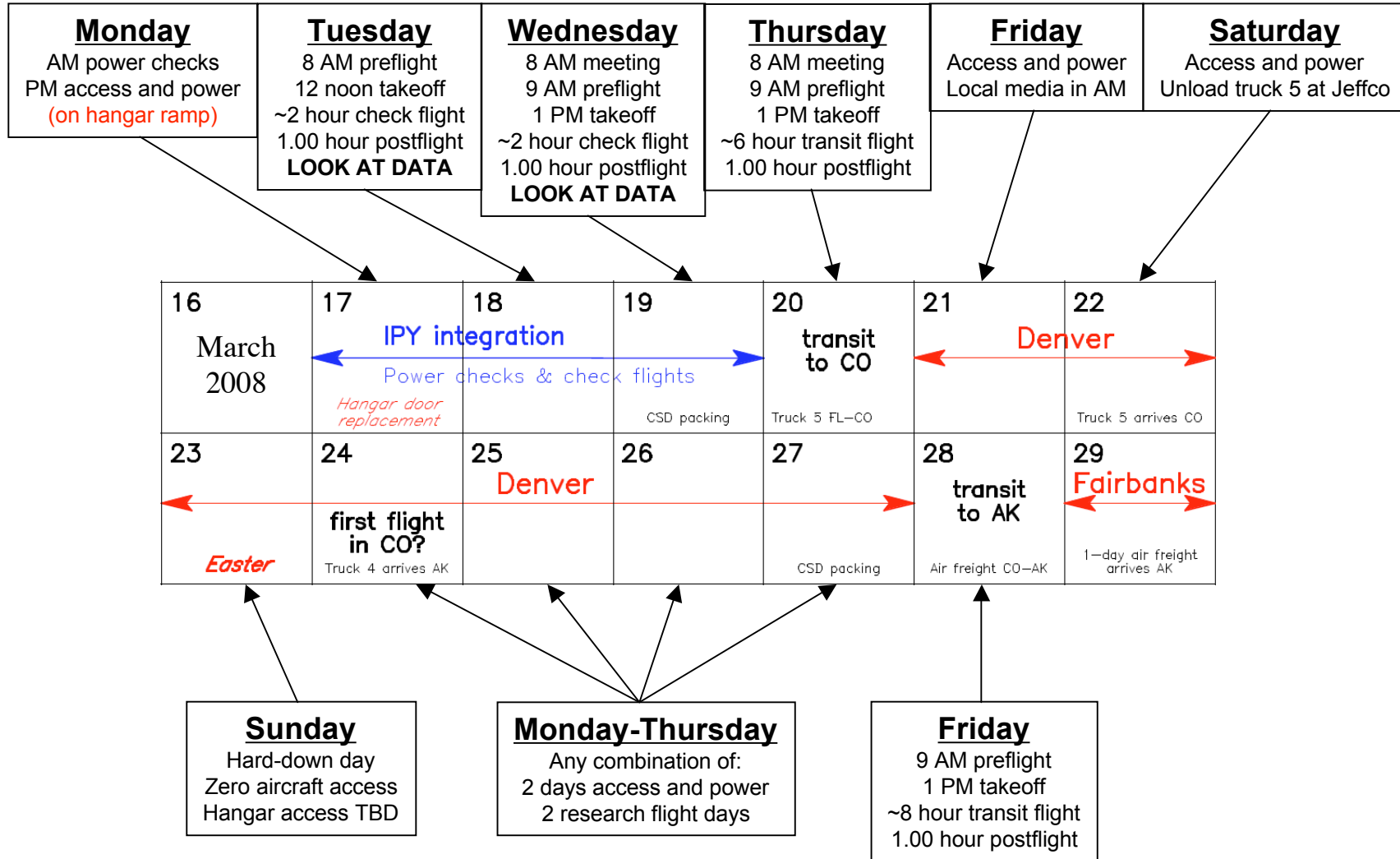
- Stark is shipping czar

P-3 schedule update - Feb. 21, 2008

Further details of two busy weeks:

16	17	18	19	20	21	22
	 IPY integration Power checks & check flights <i>Hangar door replacement</i>		CSD packing	transit to CO Truck 5 FL-CO	 Denver	Truck 5 arrives CO
23	24	25	26	27	28	29
<i>Easter</i>	first flight in CO? Truck 4 arrives AK	Denver		CSD packing	transit to AK Air freight CO-AK	 Fairbanks 1-day air freight arrives AK

P-3 schedule update - Feb. 21, 2008



P-3 schedule update - Feb. 21, 2008

IPY 2008 N43RF target schedule v7.1

4 of 4

Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
30 2-day air freight arrives AK April 2008	31 3-day air freight arrives AK	1 Fairbanks first flight in AK	2	3	4	5
6	7	8 Fairbanks	9	10	11	12
13	14	15 Fairbanks <i>Tax Day</i>	16	17	18	19
20	21 Fairbanks	22 CSD packing	23 transit to CO Truck 6 AK-CO	24 IPY de-integration Metro Airport	25	26
27	28	29	30 Truck 6 arrives CO	31		

Relatively fluid schedule
at this point

Cathy and Gerd will
orient incoming travelers
in Fairbanks

P-3 departs April 23;
commercial red-eye to
CO at ~1 AM April 24
-transit science crew will begin
de-integration on the 24th
-Commercial fliers: go home,
get some sleep, show up at
RAF on the 25th
-Pull everything at Jeffco
except windows & venturi

Truck 6 arrival TBD in
early May in Boulder

[P-3 schedule update](#) - Feb. 21, 2008

This info will be emailed and posted for reference

We hope the fuel tank repairs go smoothly

Thanks for your patience in this process

Questions?