

Beamline 7ID Schedule

APS ICMS Document APS_1257296

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Beamline 7ID Schedule for 2008-2 (Final)

[See this link for APS Operational data and schedules.](#)

[Here is the link for the FY2008 schedule of the APS.](#)

One period of 324 bunch mode runs is scheduled, from Jul. 16 to Jul. 28.

Note that from Jul. 30 to Aug. 7, the APS runs in hybrid mode with a large current singlet of 16 mA. The run starts Jun 10th at 8am and ends Aug. 7, at 4pm.

Schedule for the summer run of 2008 (period is called 2008-2 by APS)

[Here is the link for the FY2008 schedule of the APS.](#)

The (STAFF) flag indicates beamline staff time. The (PUP) label indicates beam awarded to Partner User Proposals and each APS GUP proposal is labelled with its proper number. A list of all [current APS Partner User Proposals is available here](#).

The (COMM) label is reserved for commissioning and alignment. Special laser alignment And commissioning period allocated by XOR management are labelled (ALIGN).

Dates	Shifts	User
06/10 8AM - 06/11 4PM	: 04	: E. Landahl (7ID-C COMM 4)
06/11 4PM - 06/17 8AM	: 17	: A. Grigoriev (7ID-C GUP-10110 17)
06/18 8AM - 06/24 8AM	: 18	: R. Crowell (7ID-D STAFF 18)
06/25 8AM - 06/25 4PM	: 01	: D. Walko (7ID-C COMM 1)
06/25 4PM - 07/01 4PM	: 18	: K. Finkelstein (7ID-C GUP-8493 18)
07/01 4PM - 07/03 8AM	: 05	: L. Young (7ID-D) and B. Adams (7ID-C) (COMM 2 + PUP-63 3)
07/07 8AM - 07/09 8AM	: 06	: L. Young (7ID-D PUP-63 5 + STAFF 1)
07/09 8AM - 07/10 8AM	: 03	: D. Walko (7ID-C COMM 2 + STAFF 1)
07/10 8AM - 07/15 8AM	: 15	: H. Lemke (7ID-C GUP-8551 15)
07/16 8AM - 07/17 8AM	: 03	: E. Dufresne (7ID-B STAFF 3)

07/17 8AM - 07/22 8AM : 15 : T. Hufnagel (7ID-B GUP-9731 15)
 07/23 8AM - 07/25 8AM : 06 : E. Dufresne (7ID-B COMM 3 + STAFF
 3)
 07/25 8AM - 07/28 8AM : 09 : A. Mukasyan (7ID-B GUP-9741 9)
 07/30 8AM - 07/31 4PM : 04 : X. Li (7ID-C COMM 1 + GUP-9847 3)
 07/31 4PM - 08/07 4PM : 36.5 : B. Adams (PUP-63 10 + GUP-9827
 22.5 + 4 STAFF)

Operational notes

None at this time. Five extra days of beamtime (15.5 shifts) were made available once the new fiscal year was passed. The final APS schedule is shown below as well as the original one first sent. Below is **BOLD** and in parenthesis, the revised total after the run was extended.

Allocation statistics

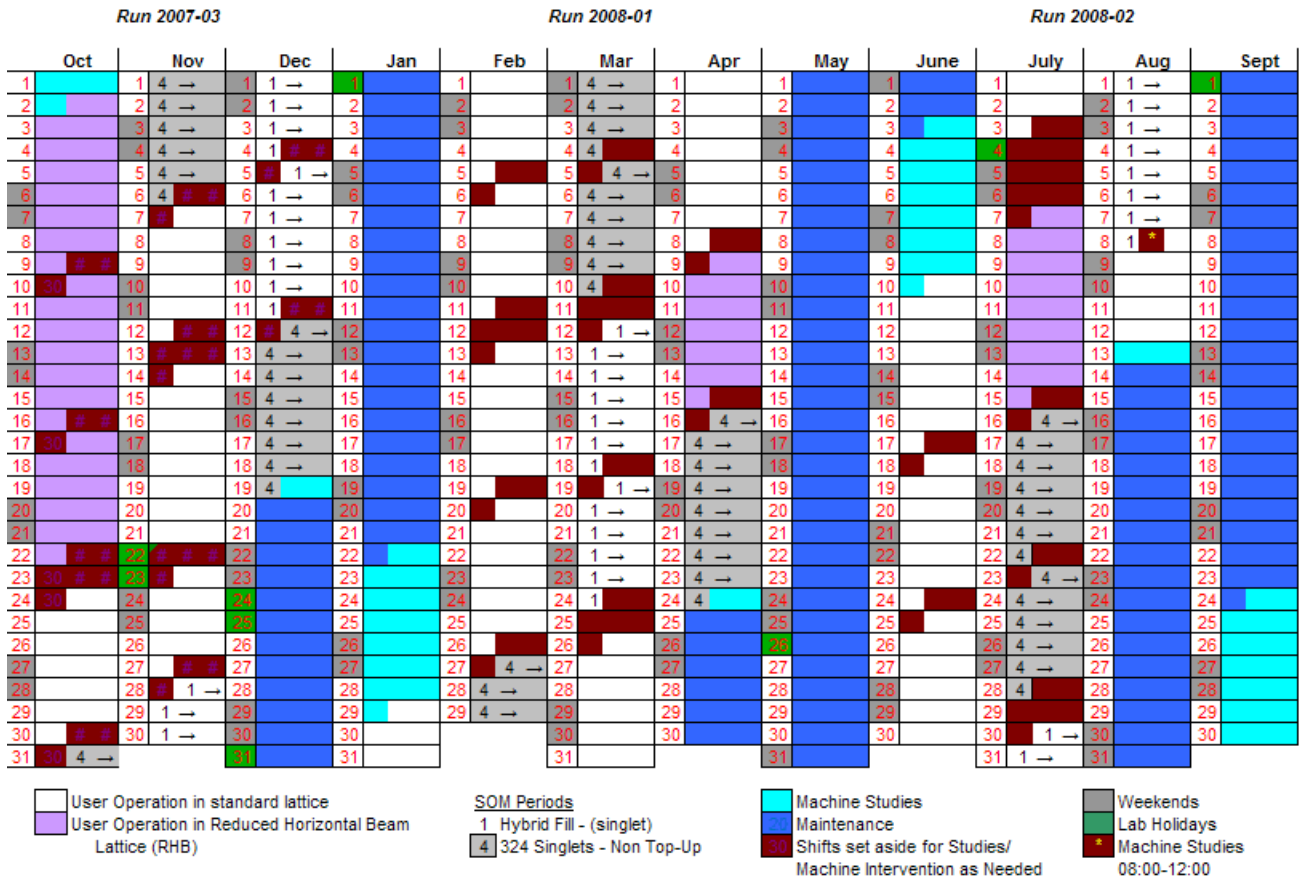
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total                145 shifts      (160.5)
operation allowance (8%) 12 shifts      (13)
GUP baseline        133 shifts      (147.5)

                        Avail. shifts  Allocated shifts
COMM (beamline alignment) 12(13)      (13)
ALIGN (laser optimization) 0              0
Staff {20% of 133(147.5)} 27(30)      (30)
PUP-63                18              10+5+3 =18
Allocated GUP          88(99.5)      (99.5)
total:                 145(160.5)     145(160.5)
  
```

Last updated by [Eric Dufresne](#) on 09/10/2008 v2. Added in ICMS APS_1257296

APS FY 2008 Long Range Operations Schedule



Breakdown of User Shifts by Fill Pattern for FY2008

	24 Singlets - Top-Up	Hybrid Fill - Top-Up	324 Singlets - Non Top-Up	Total Shifts
Run 2007-3	122	36	39	197
Run 2008-1	129	33	57	219
Run 2008-2	100.5	27	33	160.5
SUM	351.5	96	129	576.5

Lattice Parameters for FY 2008

Lattice name	Default ID lattice functions			Special sectors	Special ID lattice functions		
	BetaX	EtaX	BetaY		BetaX	EtaX	BetaY
Standard	20	0.17	3	None	N/A	N/A	N/A
RHB	20	0.17	3	32ID	4	0.07	5

Lattice name	Default ID lattice functions			Special sectors	Special ID lattice functions		
	BetaX	EtaX	BetaY		BetaX	EtaX	BetaY
Standard	20	0.17	3	None	N/A	N/A	N/A
RHB	20	0.17	3	8ID, 32ID	3	0.08	5

Below is the original APS schedule posted by APS before the FY08 budget was passed by Congress

APS FY 2008 Long Range Operations Schedule

Run 2007-03				Run 2008-01				Run 2008-02			
Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	4 →	1 1 →	1	1	4 →	1	1	4 →	1	1 1 →	1
2	4 →	2 1 →	2	2	4 →	2	2	4 →	2	2 1 →	2
3	4 →	3 1 →	3	3	4 →	3	3	4 →	3	3 1 →	3
4	4 →	4 1 →	4	4	4 →	4	4	4 →	4	4 1 →	4
5	4 →	5 1 →	5	5	4 →	5	5	4 →	5	5 1 →	5
6	4 →	6 1 →	6	6	4 →	6	6	4 →	6	6 1 →	6
7	4 →	7 1 →	7	7	4 →	7	7	4 →	7	7 1 →	7
8	4 →	8 1 →	8	8	4 →	8	8	4 →	8	8 1 →	8
9	4 →	9 1 →	9	9	4 →	9	9	4 →	9	9 1 →	9
10	4 →	10 1 →	10	10	4 →	10	10	4 →	10	10 1 →	10
11	4 →	11 1 →	11	11	4 →	11	11	4 →	11	11 1 →	11
12	4 →	12 4 →	12	12	1 →	12	12	12	12	12	12
13	4 →	13 4 →	13	13	1 →	13	13	13	13	13	13
14	4 →	14 4 →	14	14	1 →	14	14	14	14	14	14
15	4 →	15 4 →	15	15	1 →	15	15	15	15	15	15
16	4 →	16 4 →	16	16	1 →	16	4 →	16	16	4 →	16
17	4 →	17 4 →	17	17	1 →	17	4 →	17	17	4 →	17
18	4 →	18 4 →	18	18	1 →	18	4 →	18	18	4 →	18
19	4 →	19 4 →	19	19	1 →	19	4 →	19	19	4 →	19
20	4 →	20 4 →	20	20	1 →	20	4 →	20	20	4 →	20
21	4 →	21 4 →	21	21	1 →	21	4 →	21	21	4 →	21
22	4 →	22 4 →	22	22	1 →	22	4 →	22	22	4 →	22
23	4 →	23 4 →	23	23	1 →	23	4 →	23	23	4 →	23
24	4 →	24 4 →	24	24	1 →	24	4 →	24	24	4 →	24
25	4 →	25 4 →	25	25	1 →	25	4 →	25	25	4 →	25
26	4 →	26 4 →	26	26	4 →	26	4 →	26	26	4 →	26
27	4 →	27 4 →	27	27	4 →	27	4 →	27	27	4 →	27
28	4 →	28 4 →	28	28	4 →	28	4 →	28	28	4 →	28
29	4 →	29 4 →	29	29	4 →	29	4 →	29	29	4 →	29
30	4 →	30 4 →	30	30	4 →	30	4 →	30	30	4 →	30
31	4 →	31 4 →	31	31	4 →	31	4 →	31	31	4 →	31

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|--|---|---|
| <p>□ User Operation in standard lattice</p> <p>■ User Operation in Reduced Horizontal Beam Lattice (RHB)</p> <p>Top-Up Operations is standard unless indicated in fill pattern</p> | <p>SOM Periods</p> <p>1 Hybrid Fill - (singlet)</p> <p>4 324 Singlets - Non Top-Up</p> <p>Fill pattern is 24 singlets unless otherwise indicated by number</p> | <p>■ Machine Studies</p> <p>■ Maintenance</p> <p>■ Shifts set aside for Studies/ Machine Intervention as Needed</p> <p>■ Weekends</p> <p>■ Lab Holidays</p> <p>*Machine studies on 8/8/08 ends at 12:00</p> |
|--|---|---|

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Run 2007-3	122	36	39	197
Run 2008-1	129	33	57	219
Run 2008-2	87	25	33	145
SUM	338	94	129	561

Lattice Parameters for FY 2008

Lattice name	Default ID lattice functions			Special sectors	Special ID lattice functions		
	BetaX	EtaX	BetaY		BetaX	EtaX	BetaY
Standard	20	0.17	3	None	N/A	N/A	N/A
RHB	20	0.17	3	32ID	4	0.07	5

Lattice name	Default ID lattice functions			Special sectors	Special ID lattice functions		
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Standard	20	0.17	3	None	N/A	N/A	N/A
RHB	20	0.17	3	8ID, 32ID	3	0.08	5