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)

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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)
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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.

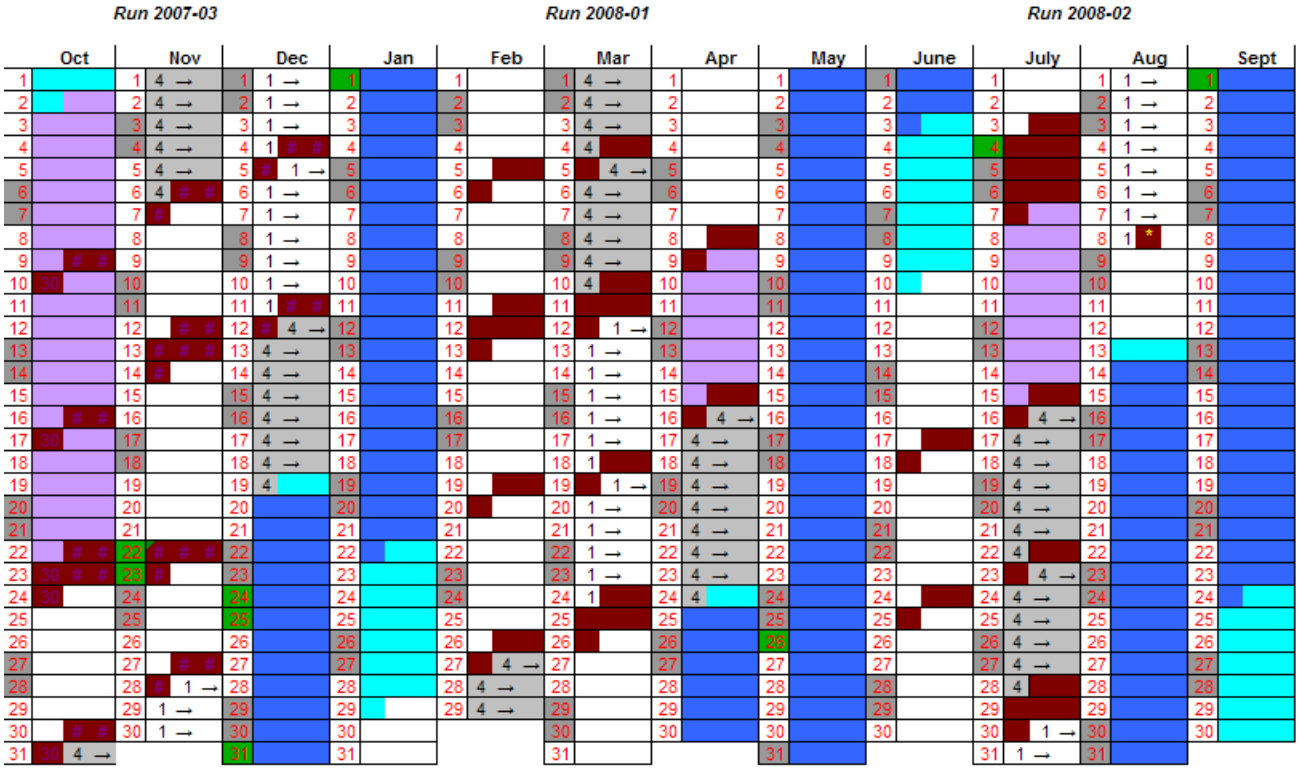
Allocation statistics

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



User Operation in standard lattice
User Operation in Reduced Horizontal Beam Lattice (RHB)

SOM Periods
1 Hybrid Fill - (singlet)
4 324 Singlets - Non Top-Up

Machine Studies
30 Maintenance
30 Shifts set aside for Studies/ Machine Intervention as Needed

Weekends
Lab Holidays
* Machine Studies 08:00-12:00

Top-Up Operations is standard unless indicated in fill pattern

Fill pattern is 24 singlets unless otherwise indicated by number

Breakdown of User Shifts by Fill Pattern for FY2008

Number of 8-hour User Shifts

	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

Run 2007-03, FY2008-2

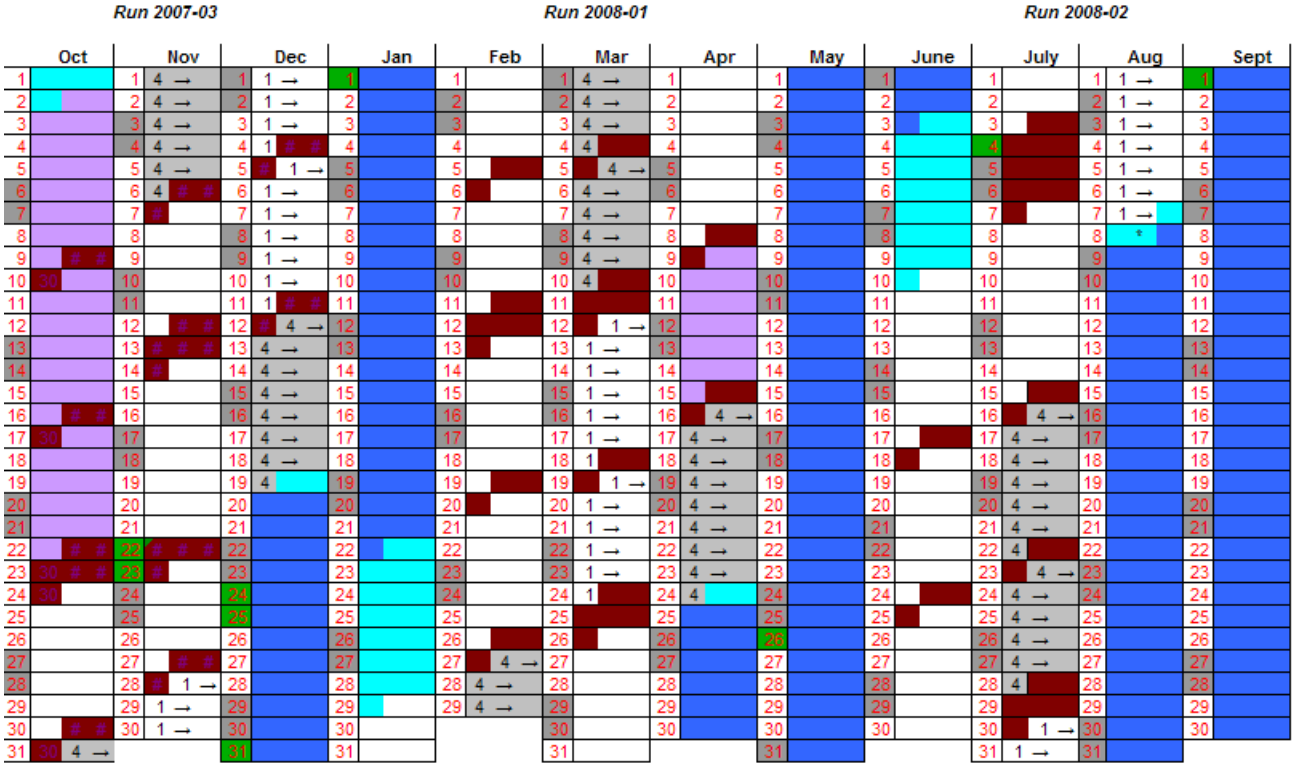
	Default ID lattice functions			Special sectors	Special ID lattice functions		
Lattice name	BetaX	EtaX	BetaY		BetaX	EtaX	BetaY
Standard	20	0.17	3	None	N/A	N/A	N/A
RHB	20	0.17	3	32ID	4	0.07	5

Run 2008-1

	Default ID lattice functions			Special sectors	Special ID lattice functions		
Lattice name	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



User Operation in standard lattice
User Operation in Reduced Horizontal Beam Lattice (RHB)

SOM Periods
1 Hybrid Fill - (singlet)
4 324 Singlets - Non Top-Up

Machine Studies
Maintenance
Shifts set aside for Studies/ Machine Intervention as Needed

Weekends
Lab Holidays

Top-Up Operations is standard unless indicated in fill pattern

Fill pattern is 24 singlets unless otherwise indicated by number

*Machine studies on 8/8/08 ends at 12:00

Breakdown of User Shifts by Fill Pattern for FY2008

Number of 8-hour User Shifts

	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	87	25	33	145
SUM	338	94	129	561

Lattice Parameters for FY 2008

Run 2007-03

	Default ID lattice functions			Special sectors	Special ID lattice functions		
Lattice name	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

Run 2008-1, 2008-2

	Default ID lattice functions			Special sectors	Special ID lattice functions		
Lattice name	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