Beamline 7ID Schedule

APS ICMS Document APS_1203405

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Beamline 7ID Schedule for 2007-2 (Final)

See this link for APS Operational data and schedules.
Here is the link for the FY2007 schedule of the APS.

Two periods of 324 bunch mode runs are scheduled, from Jul. 5 to 16 and from Aug. 15 to 23.
Note that from Jun. 20 to Jul. 4, the APS runs in hybrid mode with a large current singlet
of 16 mA. The run starts May 30th at 8am and ends Aug 23, at 8am.

Schedule for the summer run of 2007
(period is called 2007-2 by APS)

Here is the link for the FY2007 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
05/30	8AM	-	06/04	0AM	14	**7ID Commissioning (7ID-C and D COMM 14)
06/04	0AM	-	06/05	8AM	04	D. Walko (7ID-C GUP-5476 3 + STAFF 1)
06/06	8AM	-	06/07	8AM	03	E. Landahl (7ID-C and E ALIGN)
06/07	8AM	-	06/12	8AM	15	D. Reis (7ID-C GUP-7853 15)
06/13	8AM	-	06/15	8AM	06	D. Walko (7ID-C STAFF 6)
06/15	8AM	-	06/18	8AM	09	S.H. Lee (7ID-C GUP-8271 9)
06/20	8AM	-	06/22	8AM	06	B. Adams (7ID-C STAFF 6)
06/22	8AM	-	06/26	8AM	12	E. Landahl (7ID-C PUP-63 12)
06/27	8AM	-	07/04	8AM	21	D. Reis (7ID-D GUP-4748 21)

07/04 8AM - 07/05 8AM : 03 : Studies, 4 hrs used for ps-10Hz-tilt
07/05 8AM - 07/10 8AM : 15 : Yan Sun w/ Jin Wang (7ID-C GUP-8105 15)
07/11 8AM - 07/13 8AM : 06 : D. Arms (7ID-D STAFF 6)
07/13 8AM - 07/14 8AM : 03 : A. Khounsary (7ID-C GUP-8333 3)
07/14 8AM - 07/16 8AM : 06 : A. Khounsary (7ID-C STAFF 6)
07/18 8AM - 07/20 8AM : 06 : D. Arms (7ID-D STAFF 6)
07/20 8AM - 07/24 8AM : 12 : V. Stoica (7ID-C GUP-6288 12)
07/25 8AM - 07/26 8AM : 03 : E. Landahl (7ID-C and E ALIGN 03)
07/26 8AM - 07/31 8AM : 15 : R. Merlin (7ID-C GUP-6488 15)
08/01 8AM - 08/02 8AM : 03 : Staff (7ID-C COMM 3)
08/02 8AM - 08/07 8AM : 15 : K. Gaffney (7ID-C GUP-6348 15)
08/08 8AM - 08/09 8AM : 03 : E. Landahl (7ID-C and E ALIGN 03)
08/09 8AM - 08/14 8AM : 15 : M. Highland (7ID-C GUP-8059 15)
08/15 8AM - 08/17 8AM : 06 : B. Adams (7ID-C STAFF 6)
08/17 8AM - 08/23 8AM : 18 : A. Lukaszew (7ID-C GUP-7574 18)

Operational notes

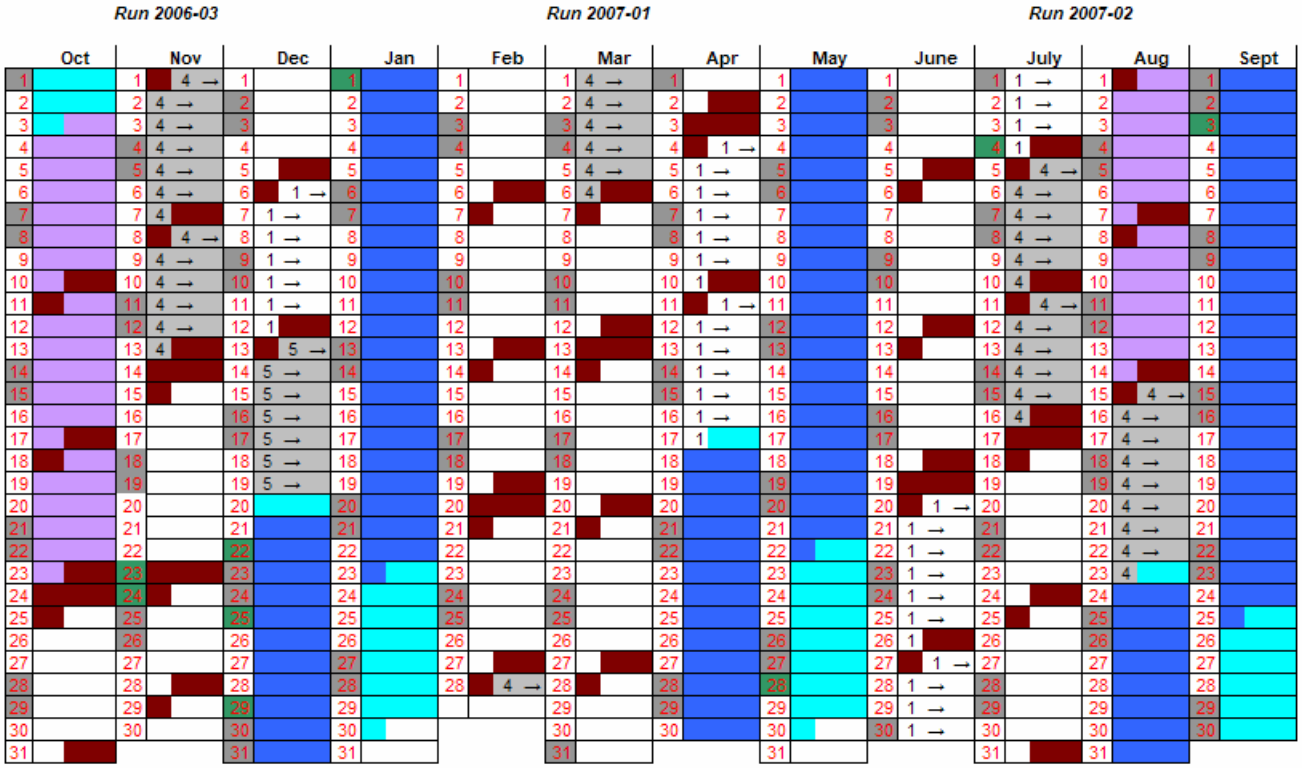
**The beamline was down for 1 shifts on 5/30/07 8AM to 5/30/07 4PM due to a scheduled beamline review. A monochromator fault occurred on Friday June 1
(vacuum chamber opened) and beam wasn't available from about 6/1 4PM to 6/3 4PM.
The laser amplifier failed also from June 21-26, so laser-pump/x-ray probe experiments
were cancelled and replaced by an x-ray experiments (Pilatus characterization).

Allocation statistics

total	216 shifts	
operation allowance (8%)	17 shifts	
GUP baseline	199 shifts	
	Avail. shifts	Allocated shifts
COMM (beamline alignment)	17	14+3=17
ALIGN (laser optimization)	9	9
Modified GUP baseline	190 shifts	
Staff (20% of 190)	38	1+6+6+6+6+6+6=37
PUP-37	0	0
PUP-63	19	12=12
Allocated GUP	133	3+15+9+21+15+3+12+15+15+15+18=141
total:	216	216
N.B. GUP+PUP(80% of 190)	152	153

Last updated by Eric Dufresne on 09/18/2007 v4.

APS FY 2007
Long Range Operations Schedule



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

Top-Up Operations is standard unless indicated in fill pattern

SOM Periods
1 Hybrid Fill - (singlet)
4 324 Singlets - Non Top-Up
5 1296 Singlets - Non Top-Up

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

Weekends
Lab Holidays

Fill pattern is 24 singlets unless otherwise indicated by number

Breakdown of User Shifts by Fill Pattern for FY2007

Number of 8-hour User Shifts

	24 Singlets - Top-Up	Hybrid Fill - Top-Up	324 Singlets - Non Top-Up	1296 Singlets - Non Top-Up	Total Shifts
Run 2006-3	125	18	33	20	196
Run 2007-1	138	36	36	0	210
Run 2007-2	123	39	54	0	216
SUM	386	93	123	20	622

Lattice Parameters for FY 2007

Runs 2006-3, Run 2007-1 (3/14-4/17), Run 2007-2

	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

Runs 2007-1 (1/30-3/12)

	Default ID lattice functions			Special sectors	Special ID lattice functions		
Lattice name	BetaX	EtaX	BetaY		BetaX	EtaX	BetaY
Standard	20	0.17	3	8ID	2	0.06	5
RHB	20	0.17	3	8ID, 32ID	3	0.08	5