

APS FY 2009 Long Range Operations Schedule

Run 2008-03

Run 2009-01

Run 2009-02

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

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

Breakdown of User Shifts by Fill Pattern for FY2009

Number of 8-hour User Shifts

	24 Singlets - Top-Up	Hybrid Fill - Top-Up	324 Singlets - Non Top-Up	Total Shifts
Run 2008-3	122	36	48	206
Run 2009-1				
Run 2009-2				
SUM	122	36	48	206

Lattice Parameters for FY 2009

Run 2008-03

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