

# January

2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>Holidays</b>		LINAC turnon Q1/Q2 bellows	LINAC turnon Q1/Q2 bellows	Pump down IR2 <b>Vacuum leak in HER bellows</b>	LINAC turnon Q1/Q2 water	LINAC turnon SVT hookup
	<i>Beams off</i>	<i>Beams off</i>	<i>Beams off</i>	<i>Beams off</i>		Regen IR2 NEG's
<b>7</b>	<b>8</b>	<b>ROD</b> <span style="background-color: orange; padding: 2px;">8</span> <b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>
LINAC turnon Close det. doors Solenoid up	LINAC turnon Vac Ik HER arc 5 Vac Ik LER arc 7 Vac Ik HER arc 7 e- to NDR	LINAC ROD Vac Ik LER reg 6  e+source process	PPS damping ring PPS QD/QF HER IR2 intermediates	QD4R SK3,SK5  PPS RF stations	QD4R SK3,SK5	QD4R   e- into HER
<b>14</b>	<b>Scrub</b> <b>15</b>	<b>16</b>	<b>ROD</b> <span style="background-color: orange; padding: 2px;">8</span> <b>17</b>	<b>Scrub</b> <b>18</b>	<b>Scrub</b> <b>19</b>	<b>Scrub</b> <b>20</b>
QDS1E string bkwds Reg 12 RF LCW  e- into HER e+ into LER	HER TFB setup RF sations Collisions Lp=10 15 mA HER 50 mA LER	LER TFB setup RF stations Lp = 100 250 mA LER 150 mA HER	RF stations Lp = 90 nb=567 350 mA LER 310 mA HER	RF stations nb=567 500 x 480 Lp 0.40 Lint 0.0	Gateway 6 hrs IR2 access LER TFB  600x400 Lp 1.05 Lint 0.0	LER TFB 6 hrs Linac 1-6  nb=1149 640x600 Lp 1.05 Lint 0.0
<b>Scrub</b> <b>21</b>	<b>Scrub</b> <b>22</b>	<b>Scrub</b> <b>23</b>	<b>Scrub</b> <b>24</b>	<b>Scrub</b> <b>25</b>	<b>MD</b> <span style="background-color: pink; padding: 2px;">2</span> <b>26</b>	<b>Collide</b> <b>27</b>
Linac 1-6 No scrubbing  Lp 0.20 Lint 0.0	SDR septum TFB work  nb=1173 Lp 0.94 Lint 0.0	Linac  LER LFB setup nb=1722 950x770 Lp 0.87 Lint 0.0	   1260x700 Lp 1.21 Lint 1.2	LER LFB setup  nb=1173 1350x700 Lp 1.79 Lint 2.5	Characterization IR2 access for TC HER LFB setup 4 beam losses 1300x850 Lp 2.14 Lint 9.6	Steered LER Trickle tuneup Lumi factor 0.97 3 beam losses 1340x950 Lp 3.78 Lint 163
<b>Collide</b> <b>28</b>	<b>Collide</b> <b>29</b>	<b>Collide</b> <b>30</b>	<b>ROD</b> <span style="background-color: orange; padding: 2px;">12</span> <b>31</b>			
Lumi factor 0.92 3 beam losses 1445x1000 Lp 4.38 Lint 305	L118 subbooster nb=1170 Lumi factor 0.935 5 beam losses 1590x1100 Lp 5.29 Lint 336	EP01 Fast dither comm  7 beam losses 1525x1050 Lp 4.97 Lint 247	EP01, EP02  1 loss in 6 hrs 1450x1050 Lp 4.45 Lint 40			

# February

2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				<b>Collide</b> 1	<b>Collide</b> 2	<b>Collide</b> 3
				LINAC sect. 1-2 RF 4-3 2 station running 2 losses in 6 hrs 1200x1000 Lp 3.61 Lint 38	RF 4-3 2 station running 9 beam losses 1450x1050 Lp 4.3 Lint 219	RF 4-3 2 station running 8 beam losses 1300x1020 Lp 4.43 Lint 260
<b>Collide</b> 4	<b>Collide</b> 5	<b>Collide</b> 6	<b>Collide</b> 7	<b>Collide</b> 8	<b>Collide</b> 9	<b>Collide</b> 10
RF 4-3 2 station running 6 beam losses 1450x1050 Lp 4.47 Lint 331	RF 4-3 2 station running 7 beam losses 1300x1050 Lp 4.47 Lint 261	Acid leak 7 hrs SVT 3 hrs Q2 cooling 3 hrs 6 beam losses 1500x1300 Lp 5.74 Lint 172	RF 4-3, 12-1, 12-4 RF 4-4, 12-6, 4-6 12 beam losses 1600x1200 Lp 5.86 Lint 389	RF 4-4 on 2hrs 13 beam losses 1600x1175 Lp 6.10 Lint 370	RF4-6,12-6 on 3hr 1-3 PFNcap 4.5 hr 9 losses in 17 hrs 1625x1225 Lp 6.44 Lint 287	RF 4-3, 12-1, 12-4 RF 12-6 cav vac 10 beam losses nb=1262 1650x1300 Lp 6.59 Lint 438
<b>Collide</b> 11	<b>Collide</b> 12	<b>ROD</b> 18 13	<b>Collide</b> 14	<b>Collide</b> 15	<b>Collide</b> 16	<b>Collide</b> 17
6 beam losses nb=1354 1750x1350 Lp 7.14 Lint 520	MCC pwr out 3hr Recovery 5 hrs RF 4-3 on 2 losses in 16 hrs 1775x1350 Lp 7.03 Lint 283	ROD start 05:45 2 losses in 6 hrs 1750x1350 Lp 5.86 Lint 98	ROD continues IR6 has leak First beam 22:00 Lp 8 Lint 0	Owl shift recovry RF 12-4on,12-6rdy HER abt kkr 1.6hr nb=1446 1850x1325 Lp 6.08 Lint 142	RF 12-6 on RF 12-1 ready 6 beam losses 1950x1400 Lp 6.52 Lint 402	MP00 failure 3 hrs 12-1,12-6 pkd 10 beam losses nb=1538 1950x1400 Lp 6.85 Lint 365
<b>Collide</b> 18	<b>Collide</b> 19	<b>Collide</b> 20	<b>Collide</b> 21	<b>Collide</b> 22	<b>Collide</b> 23	<b>Collide</b> 24
RF 12-1, 12-6 7 beam losses 1950x1400 Lp 6.60 Lint 470	6 beam losses 1950x1400 Lp 6.57 Lint 479	EP02, SVT, PX00 UPS 8hrs 7 beam losses 1950x1400 Lp 6.60 Lint 327	RF 4-6, 4-2 Pkd 15 beam losses 2070x1380 Lp 6.47 Lint 308	Access to tighten flange bolts 1hr LER char. 10 beam losses 2175x1500 Lp 7.52 Lint 368	8 beam losses 2250x1550 Lp 8.03 Lint 465	HER IP XP -150ur nb=1630 13 beam losses 2325x1625 Lp 8.24 Lint 541
<b>Collide</b> 25	<b>Collide</b> 26	<b>Collide</b> 27	<b>Collide</b> 28			
20 beam losses 2300x1550 Lp 8.27 Lint 482	Lower LER Xtune 10 beam losses 2350x1560 Lp 8.17 Lint 508	nb=1722 13 beam losses 2550x1750 Lp 8.81 Lint 483	SVT 1.5hr SDR QD 2 hr 12 beam losses 2300x1850 Lp 8.97 Lint 426			

# March

# 2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				<b>Collide</b> 1	<b>Collide</b> 2	<b>Collide</b> 3
				BaBar bkgds SDR QD 1.5 hr  9 beam losses 2300x1700 Lp 8.20 Lint 433	IP orbit HER LFB amp#1  16 beam losses 2500x1600 Lp 8.06 Lint 399	Steer LER  4 beam losses 2550x1650 Lp 8.54 Lint 646
<b>Collide</b> 4	<b>MD</b> 12 5	<b>Collide</b> 6	<b>ROD</b> 12 7	<b>Collide</b> 8	<b>Collide</b> 9	<b>Collide</b> 10
LER sol PS  6 beam losses 2550x1650 Lp 8.83 Lint 563	Char 2hr IP apertures 10hr HER LFB  8 beam losses 2550x1650 Lp 8.73 Lint 215	LCLS PPS HER betaY knob  9 beam losses 2550x1650 Lp 8.45 Lint 401	MD + STDZ 2hr Bkr in Reg 4 3hr  1 loss in 4 hrs 2450x1600 Lp 8.07 Lint 59	Bkr in Reg 4 3hr TFB & LFB reset QF5R tweak  9 losses in 19 hrs 2525x1625 Lp 8.21 Lint 353	PR12 sextupole 12 hrs  10 losses in 15 hr 2450x1625 Lp 8.27 Lint 265	LER PS 2 hrs  14 beam losses 2500x1600 Lp 8.28 Lint 391
<b>Collide</b> 11	<b>Collide</b> 12	<b>MD</b> 3 13	<b>Collide</b> 14	<b>Collide</b> 15	<b>Collide</b> 16	<b>Collide</b> 17
LINAC LI00 corr 8 hrs  9 losses in 16 hrs 2400x1600 Lp 8.11 Lint 331	ESA BOSIC 4hrs LCLS trips e+ wtr flo 2.5hrs  10 beam losses 2500x1500 Lp 7.97 Lint 346	Char. Rings Try MIA sol QF5R tweak  2 beam losses 2500x1600 Lp 8.32 Lint 441	PR08 corr bulk gateway  9 beam losses 2500x1675 Lp 8.90 Lint 518	DB install 1.5 hr   12 beam losses 2525x1700 Lp 8.98 Lint 493	RFS 12-1 on MIA corr atmpd  13 beam losses 2600x1750 Lp 9.36 Lint 514	12 beam losses 2600x1750 Lp 9.57 Lint 566
<b>Collide</b> 18	<b>Collide</b> 19	<b>MD</b> 8 20	<b>Collide</b> 21	<b>Collide</b> 22	<b>Collide</b> 23	<b>Collide</b> 24
11 beam losses 2700x1800 Lp 9.66 Lint 639	LCLS PPS LI01 chicane  8 beam losses 2700x1800 Lp 9.59 Lint 540	Char rings, HER TFB, LFBs, SK1s LI01 chc,LCLS 2h  7 beam losses 2650x1700 Lp 9.21 Lint 318	LER LFB, pwr dip   15 beam losses 2650x1750 Lp 9.20 Lint 518	Sect 5 wtr pump QDCX2 + stdz  7 beam losses 2650x1700 Lp 9.29 Lint 453	12-6 tuners HER LFB  11 beam losses 2675x1700 Lp 9.43 Lint 609	HER LFB  12 beam losses 2700x1425 Lp 8.05 Lint 565
<b>Collide</b> 25	<b>ROD</b> 18 26	<b>ROD</b> 24 27	<b>ROD</b> 18 28	<b>Collide</b> 29	<b>Collide</b> 30	<b>Collide</b> 31
HER LFB 3hr  0 beam losses 2550x1400 Lp 7.88 Lint 545	12-6 available  0 losses in 6 hrs 2550x1425 Lp 8.04 Lint 119	Lp 0 Lint 0	Lp 0 Lint 0	BaBar 3.3 hrs Lower LER Xtune HER LFB  9 losses in 19 hrs 2200x1400 Lp 6.71 Lint 261	HER LFB LI01 QWs 2.5 hrs  6 beam losses 2500x1550 Lp 7.82 Lint 507	HER LFB BaBar bkgds  6 beam losses 2525x1600 Lp 8.42 Lint 467

April

2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>Collide</b> 1 HER LFB 12kV 4 beam losses 2450x1625 Lp 8.23 Lint 594	<b>Collide</b> 2 HER LFB 12kV 7 beam losses 2550x1425 Lp 8.27 Lint 441	<b>Collide</b> 3 HER LFB 12kV PEP water 14:00 9 losses in 10 hrs 2300x1700 Lp 8.33 Lint 166	<b>MD</b> 8 Decker skew qds PEP water No beams Lp 0 Lint 0	<b>Collide</b> 5 HER LFB PEP water 2 losses in 5 hrs 2200x1500 Lp 7.35 Lint 72	<b>Collide</b> 6 HER LFB, LER TFB Reg 12 PPS Chpr PSs 0 losses in 10 hrs 2500x1700 Lp 7.92 Lint 409	<b>Collide</b> 7 Vac Ik IR 2 7045 beams off 1400 2500x1700 Lp 8.40 Lint 329
<b>Collide</b> 8 No beams Vac Ik IR 2 Lp 0 Lint 0	<b>Collide</b> 9 No beams Vac Ik IR 2 Lp 0 Lint 0	<b>Collide</b> 10 No beams 19 hrs Vac Ik IR 2 Vibration found 0 losses in 7 hrs 2500x1500 Lp 7.40 Lint 111	<b>Collide</b> 11 FLUM comp vib 9 beam losses 2500x1700 Lp 8.92 Lint 563	<b>Collide</b> 12 12-6 12 kV 4 hrs SBD LER 6 hrs RFS 4-1 NIRP 7 losses in 13 hrs 2500x1750 Lp 8.79 Lint 295	<b>Collide</b> 13 RF 4-2 1hr 12-6 still off 9 beam losses 2600x1800 Lp 9.56 Lint 558	<b>Collide</b> 14 nb=1725 8 beam losses 2700x1850 Lp 9.69 Lint 684
<b>Collide</b> 15 4 beam losses 2800x1850 Lp 10.29 Lint 745	<b>Collide</b> 16 15 beam losses 2800x1825 Lp 10.08 Lint 500	<b>Collide</b> 17 BSY DM 3 hrs HER LFB klix 4hr 9 losses in 16 hrs 2800x1825 Lp 10.09 Lint 360	<b>Collide</b> 18 MD Char. 1.5 hrs 10 beam losses 2750x1825 Lp 10.14 Lint 587	<b>ROD</b> 12 Install ST brace Install PM skews 3 losses in 7 hrs 2700x1825 Lp 9.56 Lint 199	<b>MD</b> 20 Recover Lumi 23 hr coverage 10 beam losses 2200x1400 Lp 5.15 Lint 96	<b>Collide</b> 21 Recover Lumi 23 hr coverage LER LFB 7 hrs 5 beam losses 2600x1500 Lp 6.79 Lint 186
<b>Collide</b> 22 Recover Lumi 23 hr coverage 9 beam losses 2600x1600 Lp 7.14 Lint 345	<b>Collide</b> 23 IR2 vacuum leak 7 beam losses 2500x1600 Lp 7.50 Lint 424	<b>Collide</b> 24 IR2 vacuum leak 16 beam losses 2525x1675 Lp 7.93 Lint 391	<b>Collide</b> 25 IR2 vacuum leak 14 beam losses 2650x1450 Lp 7.68 Lint 341	<b>ROD</b> 10 reseal IR2 leak SDR RF wtr leak 5 losses in 7 hrs 2350x1450 Lp 7.22 Lint 98	<b>Collide</b> 27 SDR RF wtr leak Power dip HER to 1800 mA Lp 0 Lint 0	<b>Collide</b> 28 SDR RF wtr leak Beams on swing 1 loss in 4 hrs 1800x1000 Lp 4.07 Lint 22
<b>Collide</b> 29 Reg 4 cav flow 2h 7 beam losses 2300x1350 Lp 6.48 Lint 342	<b>Collide</b> 30 5 beam losses 2500x1600 Lp 8.06 Lint 503					

May

2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		<b>ROD</b> 1 Char rings 1hr HER Q4 chamber Q2 magnet 1 loss in 5 hrs 2500x1600 Lp 8.00 Lint 123	<b>ROD</b> 2 HER Q4 chamber Q2 magnet	<b>ROD</b> 3 HER Q4 chamber Q2 magnet	<b>ROD</b> 4 Q2 magnet	<b>ROD</b> 5 Q2 magnet
<b>ROD</b> 6 Q2 magnet	<b>ROD</b> 7 Q2 magnet	<b>ROD</b> 8 Q2 magnet	<b>ROD</b> 9 Q2 magnet	<b>ROD</b> 10 Q2 magnet HER Q4 chamber	<b>ROD</b> 11 Q2 magnet HER Q4 chamber	<b>ROD</b> 12 Q2 magnet HER Q4 chamber
<b>ROD</b> 13 Q2 magnet HER Q4 chamber	<b>ROD</b> 14 Q2 magnet HER Q4 chamber	<b>ROD</b> 15 Q2 magnet HER Q4 chamber	Scrubbing 16 Scrubbing Steering Optics Corrs. 3 losses in 10 hrs 2000x950 Lp 2.87 Lint 0	Collide 17 Scrubbing Delivery at 11:00 BIC 7 beam losses 2300x1425 Lp 6.65 Lint 235	Collide 18 Scrubbing BIC 10 beam losses 2525x1625 Lp 8.08 Lint 447	Collide 19 Scrubbing HER SF klixon 3h 12 beam losses 2600x1675 Lp 8.33 Lint 444
Collide 20 11 beam losses 2550x1600 Lp 8.34 Lint 551	Collide 21 NDR Kicker 13 hr 5 losses in 5 hrs 2475x1550 Lp 8.13 Lint 255	Collide 22 PPS 3 hrs RF work to increase currents 16 beam losses 2550x1650 Lp 8.34 Lint 344	Collide 23 QF7R PS 8 hrs LER PSs PR08 micro 1 hr 12 beam losses 2550x1650 Lp 8.29 Lint 242	Collide 24 QF7R PS RF on Tap changes PPS 30MCC loop 9 losses in 17 hrs 2500x1680 Lp 8.29 Lint 181	Collide 25 PEP ring timing nb=1728 PR03 micro 11 beam losses 2400x1600 Lp 8.31 Lint 465	Collide 26 PPS PR04 Reg 8 wtr ump 8 beam losses 2400x1600 Lp 8.22 Lint 502
Collide 27 3 beam losses 2400x1600 Lp 8.17 Lint 611	Collide 28 11 beam losses 2400x1625 Lp 8.41 Lint 515	Collide 29 16 MV HER IR10 bkr trip twice 4-4 offline 8 beam losses 2400x1600 Lp 8.27 Lint 454	Collide 30 Char rings IR10 bkr replace HER LFB @1600 8 losses in 19 hrs 2400x1625 Lp 8.65 Lint 449	Collide 31 HER LFB gro-dmp SDR kkr, LER PS E+ bkr 6 beam losses 2450x1500 Lp 8.40 Lint 489		