

D0 Upgrade Schedule
Forward Preshower Detector

ID	Task Name	Duration	Start	Finish	1999												2000											
					J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
1346	FORWARD PRESHOWER FABRICATION	218.6 w	4/4/96	9/1/00																								
1347	Conceptual Design	21 w	4/4/96	8/30/96																								
1348	M3-Forward Preshower TDR Submitted	0 w	2/2/98	2/2/98																								
1349	Engineering Design	69 w	9/3/96	1/30/98																								
1350	Design Complete	0 w	1/30/98	1/30/98																								
1351	Detector R&D	28 w	10/29/96	5/27/97																								
1352	Prototype Beam Test	13 w	6/2/97	9/2/97																								
1353	PREPARE FIBERS/CONNECTORS	157.4 w	6/26/97	9/1/00																								
1354	Procure Fibers	22 w	6/26/97	12/2/97																								
1355	Cut/Sort/Polish WLS Fibers	7.4 w	6/23/98	8/13/98																								
1356	Aluminize WLS Fiber Ends	6.4 w	7/8/98	8/20/98																								
1357	Test Prepared WLS Fibers	4 w	7/24/98	8/20/98																								
1358	Procure Connectors - (both detector ends) (UIC MOU)	0.2 w	9/16/97	9/16/97																								
1359	Manufacture Connectors (both detector ends)	45 w	3/2/98	1/29/99																								
1360	Assemble/Polish Connectors (Wavelength shifter side)	52 w	2/15/99	3/3/00																								
1361	Begin Connector Assembly - WLS Side	0 w	2/15/99	2/15/99	★ 2/15																							
1362	Connector Assemblies Complete - WLS Side	0 w	3/3/00	3/3/00	★ 3/3																							
1363	Manufacture Connectors (VLPC end)	4 w	1/7/00	2/4/00																								
1364	Fabricate Clear Fiber Bundles	9 w	6/30/00	9/1/00																								
1365	Clear Fiber Bundles Complete	0 w	9/1/00	9/1/00	◆																							
1366	PREPARE SCINTILLATOR	89.6 w	8/6/97	6/2/99																								
1367	Procure Extrusions FY97	4 w	8/6/97	9/3/97																								
1368	Procure Extrusions FY98	24.4 w	3/2/98	8/20/98																								
1369	Scintillator Procurement Complete	0 w	8/20/98	8/20/98																								
1370	Inspect/Test Scintillator	2 w	8/21/98	9/3/98																								
1371	Wrap Scintillator	38 w	8/21/98	6/2/99																								
1372	MODULE ASSEMBLY	84.6 w	7/10/98	4/1/00																								
1373	Procure Materials	6 w	7/10/98	8/20/98																								
1374	Fab Assembly/Align Fixt	8 w	7/24/98	9/18/98																								
1375	Fab Storage Containers	8 w	8/21/98	10/16/98																								
1376	Prepare Components	9 w	8/21/98	10/23/98																								

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					J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
1377	Fabricate Modules	49.4 w	10/26/98	10/26/99																								
1378	<i>M2-Forward Preshower Module Fabrication Begun</i>	<i>0 w</i>	<i>11/4/98</i>	<i>11/4/98</i>	4																							
1379	<i>1st Module Complete</i>	<i>0 w</i>	<i>11/24/98</i>	<i>11/24/98</i>	1/24																							
1380	Cable Modules	52 w	3/1/99	3/17/00	0%																							
1381	Install Calibration System	52 w	3/8/99	3/24/00	0%																							
1382	Inspect/Test Modules	52 w	3/15/99	4/1/00	00%																							
1383	<i>M3-Forward Preshower Modules 50% Complete</i>	<i>0 w</i>	<i>9/20/99</i>	<i>9/20/99</i>	★ 9/20																							
1384	<i>Module Fabrication and Testing Complete</i>	<i>0 w</i>	<i>4/1/00</i>	<i>4/1/00</i>	★ 4/1																							
1385	Calibration System	81 w	5/4/98	12/17/99																								
1386	R&D	40 w	5/4/98	2/26/99																								
1387	Fabricate Production Parts	41 w	3/1/99	12/17/99	0%																							
1388	<i>Calibration System Ready</i>	<i>0 w</i>	<i>12/17/99</i>	<i>12/17/99</i>	★ 12/17																							
1389	DETECTOR ASSEMBLY	94.2 w	5/18/98	4/17/00																								
1390	Fabricate Support Components	20 w	5/18/98	10/7/98																								
1391	Prepare Components	4 w	5/18/98	6/15/98																								
1392	Fabricate Lead Absorber	24 w	9/13/99	3/14/00	100%																							
1393	Assemble Support Structures	33 w	7/19/99	3/22/00	100%																							
1394	Insert Modules in Supports-South	1 w	2/18/00	2/24/00	100%																							
1395	Inspect/Align Modules/Detectors-South	1 w	2/18/00	2/24/00	100%																							
1396	<i>M3-1st Forward Preshower Detector Complete</i>	<i>0 w</i>	<i>2/24/00</i>	<i>2/24/00</i>	★ 2/24																							
1397	Ship First Detector to FNAL	1 w	4/11/00	4/17/00	100%																							
1398	Insert Modules in Supports-North	0.2 w	4/3/00	4/3/00	100%																							
1399	Inspect/Align Modules/Detectors-North	0.2 w	4/3/00	4/3/00	100%																							
1400	<i>M3-2nd Forward Preshower Detector Complete</i>	<i>0 w</i>	<i>4/3/00</i>	<i>4/3/00</i>	★ 4/3																							
1401	Ship Second Detector to FNAL	1 w	4/11/00	4/17/00	100%																							
1402	Install FPS-South	1.4 w	4/18/00	4/26/00	100%																							
1403	<i>M3-Forward Preshower-South Installed</i>	<i>0 w</i>	<i>4/26/00</i>	<i>4/26/00</i>	★ 4/26																							
1404	Install FPS-North	0.4 w	4/27/00	4/28/00	100%																							
1405	Hookup FPS-North	3 w	8/28/00	9/18/00																								
1406	Hookup FPS-South	3 w	10/5/00	10/25/00																								
1407	Commission FPS	18 w	9/19/00	1/30/01																								