Stream B Datasets

Version 5.5
8/4/94

Assumed Parameters:
(All Sizes in GB)

DST Event	0.0002	DD Capacity	4.59	Raw File Size:	0.3
PAD Event	0.000028	Ave Fullnes	90%	EOF Mark Size:	0.00011
RAW Event	0.00015	Ave Tape U:	4.13	Max Concatenated File Size:	0.095
Integrated Lu	80000	(Inverse nb)		Ave # Raw files in a run:	5

P = PAD
D = DST
B=Both

Send requests for additional dataset copies to:
B0::PHILLIPS and FNALD::KOWALD

Total Size: 131
Total in Silo: 358

Dataset (production alias)	STREAM B TRIGGERS	Allocated Cross Section (nb)	Actual Cross Section (R61167) (nb)	Events in Run	DST Size (GB)	PAD Size (GB)	No Concat-enation DST File Size (GB)	No Concat-enation PAD File Size (GB)	Ave Concat-enated PAD File Size (GB)	PAD file Size (GB) if Max # files is: 60	# DST tapes if Concat enated to Max Size	# DST Tapes (Max Files 150	Ave # PAD Files per Tape	# PAD Tapes	# PAD Tapes (Max Files 150	Networked	Disk	Silo	Library	Trailer	Argonne	Chicago	Duke	Johns Hopkins	McGill	MIT	Michigan	New Mexico	Padova	Pisa	Rochester	Rockefeller	Rutgers	Toronto	Tsukuba	Tufts	Wisconsin	Yale
Tape P1B	**Combines QJTB and QSEB**	**48**	**51**	**4,080,000**	**816**		**0.0227**				**200**	**240**							**D**			**D**															
Tape QJTB		**37**	**41**	**3,280,000**	**656**		**0.0365**				**161**	**161**																									
J10 (QJ0B)	QCDB_JET1_100 or QCDA_JET_140	10	21	1,680,000		47		0.0026	0.0131	0.1571			307	12	24			P		P		P		P							P	P			P		
J07 (QJ7B)	QCDB_JET2_70	7	4	320,000		9		0.0005	0.0025	0.0299			1461	3	24			P		P		P		P								P			P		
J05 (QJ5B)	QCDB_JET3_50	4	4	320,000		9		0.0005	0.0025	0.0299			1461	3	24			P		P		P		P							P	P			P		
J02 (QJ2B)	QCDB_JET4_20_TEX_0	13	6	480,000		13		0.0007	0.0037	0.0449			1014	4	24			P		P		P		P								P		P	P		
J2F (QJFB)	QCDB_JET5_TWO_FWD	3	6	480,000		13		0.0007	0.0037	0.0449			1014	4	24			P		P				P								P			P		
Tape QSEB		**11**	**10**	**800,000**	**160**		**0.0089**				**40**	**120**							**D**			**D**														
SET (QSEB)	QCDB_SUMET1_175 or QCDA_SUMET_300	7	6	480,000		13	0.0053	0.0007	0.0037	0.0449			1014	4	24			P		P		P		P											P		
JTP (QSJB)	QCDB_SUMET2_125_4JETS or QCDA_SUMET2_150_6JET	4	4	320,000		9	0.0036	0.0005	0.0025	0.0299			1461	3	24			P	P	P		P				P	P		P					P			
TAPE PHOB		**60**	**75**	**6,000,000**	**1200**		**0.0668**				**295**	**295**							**D**			**D**														
P23 (GHIB)	PHOB_CEM3_23_ISOL	25	28	2,240,000		63	0.0125	0.0035	0.0175	0.2094			232	16	24			P	P		P	P															
P10 (GLOB)	PHOB_CEM4_10_ISOL	14	17	1,360,000		38	0.0076	0.0021	0.0106	0.1272			377	10	24			P	P		P	P			P													
PNI (GNIB)	Five Triggers:	9.3	14.8	1,184,000		33	0.0066	0.0018	0.0092	0.1107			431	9	24			P	P		P	P															
	PHOB_CEM2_10_NOISOL	*3*	*3.6*	288,000																																
	PHOB_CEM1_23_NOISOL	*3*	*4.2*	336,000																																
	PHOB_CEM5_50_NOISOL	*2*	*5.3*	424,000																																
	PHOA_CEM_70_NOISOL	*1*	*1.2*	96,000																																
	PHOA_PHO_JET	*0.3*	*0.5*	40,000																																
DIP (GGMB)	Five Triggers:	3.6	8.8	704,000		20	0.0039	0.0011	0.0055	0.0658			709	6	24			P	P		P	B															
	PHOB_DIPHO_16	*2*	*4.3*	344,000																																
	PHOB_DIPHO_CEM16_PEM18		*2.2*	176,000																																
	PHOB_DIPHO_10_ISO	*1*	*1.9*	152,000																																
	PHOA_DIPHO_*	*0.6*	*0.4*	32,000																																
PMU (GMUB)	Three Triggers:	15	15.3	1,224,000		34	0.0068	0.0019	0.0095	0.1144			418	9	24			P	P	P	P	P															
	PHOB_CEM4_10_ISOL_CMU	*5*	*12*	960,000																																
	PHOB_CEM4_10_ISOL_CMX	*5*	*3.3*	264,000																																
	PHOB_PHO10_FWD_JET	*5*		0																																
Tape P2B	**Combines MUCB,MULB,& MUFB**	**57.9**	**53.3**	**4,264,000**	**852.8**	**119**	**0.0158**				**209**	**360**								**D**			**D**	**D**	**D**										**D**	**D**	
TAPE MUCB		**22.9**	**23**	**1,840,000**	**368**	**52**	**0.0205**	**0.0029**	**0.0143**	**0.1720**	**90**	**120**	**281**	**13**	**24**							**B**	**B**	**B**	**P**		**P**							**P**		**B**	**B**	
CMH	Nine Triggers:	22.9	23	1,840,000																																
	MUOB_CMU_CMP_15	*6.8*	*8*	640,000																																
	MUOB_CMP_ONLY_15	*0.9*	*2*	160,000																																
	MUOB_CMU_ONLY_15	*10*	*8*	640,000																																
	MUOB_CMX_15	*5.2*	*5*	400,000																																
	MUOB_CMU_ETA_GAP_15		*5*																																	
	MUOA_CM*	*6*	*5.8*	464,000																																
Tape MULB		**24**	**25**	**2,000,000**	**400**	**56**	**0.0223**	**0.0031**	**0.0156**	**0.1870**	**98**	**120**	**259**	**14**	**24**					**B**	**P**	**P**		**P**	**P**	**P**		**P**	**P**		**P**	**P**			**P**			
CML	Two Triggers:	24	25	2,000,000																																
	MUOB_CMU_CMP_8	*24*	*25*	2,000,000																																
	MUOB_CMX_8	*0*	*0*	0																																
Tape MUFB		***11***	***5.3***	**424,000**	**84.8**	**12**	**0.0047**	**0.0007**	**0.0033**	**0.0396**	**21**	**120**	**1135**	**4**	**24**																						**B**	
FMU	Three Triggers plus a Filter:	11	5.3	424,000																																
	MUOB_FMU_15	*5*	*2.1*	168,000																																
	MUOB_FMU_DIMUON	*2*	*0.2*	16,000																																
	MUOB_FMU_4_JET_20	*2*	*1.1*	88,000																																
	Filter FMUFLT/PAR=FMU_VOL1	*2*	*2*	160,000																																

Dataset Version 5.5	STREAM B TRIGGERS	Allocated Cross Section (nb)	Actual Cross Section (R61167) (nb)	Events in Run	DST Size (GB)	PAD Size (GB)	No Concat-enation DST File Size (GB)	No Concat-enation PAD File Size (GB)	Ave Concat-enated PAD File Size (GB)	PAD file Size (GB) if Max # files is: 60	# DST tapes if Concat enated to Max Tapes	# DST Tapes (Max Files 150	Ave # PAD Files per Tape	# PAD Tapes	# PAD Tapes (Max Files 150	Networked	Disk	Silo	Library	Trailer	Chicago	Duke	Johns Hopkins	LBL	McGill	MIT	Michigan	New Mexico	Penn	Pisa	Rochester	Rockefeller	Rutgers	Texas A&M	Texas Tech	Toronto	Tufts	Yale
Tape ECLB		**44**	**60**	**4,800,000**	**960**	**134**	**0.0534**	**0.0075**	**0.0374**	**0.4488**	**237**	**237**	**109**	**33**	**33**				**B**	**P**	**P**		**P**		**P**		**P**	**P**		**P**	**P**					**P**		
E L L	Three Triggers:	44	60	4,800,000																																
	ELEB_CEM_8_6	*40*	*55*	4,400,000																																
	ELEB_CEM_8	*2*	*4*	320,000																																
	ELEB_CEM_5_5	*2*	*1*	80,000																																
Tape ECMB		**12**	**15.5**	**1,240,000**	**248**	**35**	**0.0138**	**0.0019**	**0.0097**	**0.1159**	**61**	**120**	**413**	**9**	**24**				**B**			**B**	**B**	**P**	**P**	**P**		**P**								**P**	**B**	
ELH	Seven Triggers:	12	15.5	1,240,000																																
	ELEB_CEM_18_LOOSE	*6.3*	*13*	1,040,000																																
	ELEB_NO_CFT		*6*	480,000																																
	ELEA_NO_CFT																																			
	ELEA_CEM_*	*9.4*	*11.1*	888,000																																
Tape EPMB		**43**	**49**	**3,920,000**	**784**	**110**	**0.0436**	**0.0061**	**0.0305**	**0.3665**	**192**	**194**	**133**	**28**	**28**				**B**		**P**															**P**	
P E L	Five Triggers:	43	49	3,920,000																																
	ELEB_PEM_20	*37*	*43*	3,440,000																																
	ELEB_15_PEM_15_MET	*21*	*16*	1,280,000																																
	ELEA_PEM_*	*3.6*	*2.9*	232,000																																
P E S†	ELEB_PEM_20_TIGHT	7	11	880,000	176	25	0.0098	0.0014	0.0069	0.0823		120	574	7	120						B																
Tape PSIB		**24**	**28**	**2,240,000**	**448**	**63**	**0.0249**	**0.0035**	**0.0175**	**0.2094**	**111**	**120**	**232**	**16**	**24**			**P**	**B**	**P**	**P**		**B**		**P**		**P**			**P**				**P**	**B**	**P**		**P**
P S I	Three Triggers:	24	28	2,240,000																																
	PSIB_DIMUON_JPSI	*24*	*28*	2,240,000																																
	PSIA_DIMUON_JPSI_*	*9*	*12.8*	1,024,000																																
Tape P3B	**Combines BHMB and BXXB**	***35***	***41.4***	**3,312,000**	**662.4**		**0.0184**				**164**	**240**							**D**			**D**	**D**														
Tape BHMB		**26**	**28**	**2,240,000**	**448**	**63**	**0.0249**	**0.0035**	**0.0175**	**0.2094**	**111**	**120**	**232**	**16**	**24**			**P**	**B**	**P**	**P**		**B**		**P**		**P**			**P**					**P**		**P**
D M H	PSIB_DIMUON_HIGHMASS	26	28	2,240,000																																
Tape BXXB		**9**	**13.4**	**1,072,000**	**214.4**		**0.0119**				**53**	**120**							**D**			**D**	**D**														
DEM (BEMB)	Two Triggers:	3	7.4	592,000		17		0.0009	0.0046	0.0554			834	5	24			P	P	P	P	P	P		P												P
	PSIB_E_CMUP	3	3	240,000																																
	PSIB_E_CMX		4.4	352,000																																
DML (BLMB)	PSIB_DIMUON_LOWMASS	2	1.4	112,000		3.1		0.0002	0.0009	0.0105			3431	2	24			P	P	P	P	P	P		P										P		P
UPS (BYSB)	PSIB_DIMUON_UPSILON	4	4.6	368,000		10		0.0006	0.0029	0.0344			1290	3	24		P	P	P	P	P	P	P	P										P	P		P
Tape XDLB		**15**	**30**	**2,400,000**	**480**	**67**	**0.0267**	**0.0037**	**0.0187**	**0.2244**	**118**	**120**	**216**	**17**	**24**							**B**								**D**		**P**			**D**			
D I L	Four Triggers plus a filter:	15	30	2,400,000																																
	EXOB_DIL_TOP or Filter TDLFLT	*5*	*16*	1,280,000																																
	EXOB_DIL_EWK	*10*	*7*	560,000																																
	EXOB_DIL_EXO		*12*	960,000																																
	EXOA_DIL	*0.8*	*1.6*	128,000																																
Tape P4B	**Combines XMBB,XOXB,& XTAB**	**53.5**	**46**	**3,680,000**	**736**		**0.0137**				**180**	**360**							**D**			**D**	**D**														**D**	
Tape XMBB		**7.5**	**14**	**1,120,000**	**224**	**31**	**0.0125**	**0.0017**	**0.0087**	**0.1047**	**56**	**120**	**455**	**8**	**24**				**B**		**P**						**P**					**P**						
M B S	OTHB_MIN_BIAS	7.5	14	1,120,000																																
Tape XOXB		**25**	**20**	**1,600,000**	**320**	**45**	**0.0178**	**0.0025**	**0.0125**	**0.1496**	**79**	**120**	**322**	**12**	**24**							**B**	**B**							**P**			**P**				**B**	
EXO	Five Triggers plus a Filter:	25	20	1,600,000																																
	EXOB_MET_30_COSFLT or EXOB_MET_30_TRK_3	*15*	*20*	1,600,000																																
	EXOB_MET_20_COSFLT	*3*	*0*	0																																
	EXOA_MET_70_*	*1*	*0.9*	72,000																																
	Filter METFLT/par=5	*?*	*?*																																	
Tape XTAB		**21**	**12**	**960,000**	**192**	**27**	**0.0107**	**0.0015**	**0.0075**	**0.0898**	**48**	**120**	**528**	**7**	**120**					**D**	**P**												**P**					
T A U	Five Triggers:	21	12	960,000																																
	EXOB_TAU_20_MET_10	*8*	*0*	0																																
	EXOB_TAU_10_MET_10_2JETS	*8*	*0*	0																																
	EXOB_TAU_20_BKG	*5*	*0*	0																																
	EXOB_TAU_10		*9*	720,000																																
	EXOB_TAU_10_BKG	*0*	*4*	320,000																																
	EXOA_DITAU	*0.5*	*0*	0																																
	Tape Totals:	392.4	449.2	35,936,000	7187	1006						3,407			877																						
	GOAL	350	350	28,000,000	5600	784																															