

Production over Holidays

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Reprocessing

- Period B,D

- Period B data distribution:

Tier-1	Datasets	TBs	DS@disk(files/TB)	DS@tape(files/TB)
BNL	290	1 (802/ 0.0)		289(234325/142.0)
FZK	167	13 (6624/ 5.0)		154(131179/ 76.0)
IN2P3-CC	163	0 (0/ 0.0)		163(119751/ 69.0)
INFN-T1	112	0 (0/ 0.0)		112(84221/ 52.0)
NDGF-T1	78	0 (0/ 0.0)		78(42289/ 21.0)
PIC	59	0 (0/ 0.0)		59(41537/ 23.0)
RAL	151	0 (0/ 0.0)		151(115086/ 68.0)
SARA-MATRIX	86	0 (0/ 0.0)		86(41727/ 24.0)
TAIWAN	92	0 (0/ 0.0)		92(72925/ 41.0)
TRIUMF	130	0 (0/ 0.0)		130(89190/ 51.0)

- Plan to run in automatic mode with MCP, no data preplacement
- Period D after B is (mostly) done

Multi-Core Production

- 200M events for DC14 preparation/validation – 2M jobs
- Previous testing: ~2500 job slots (20k cores)
- More configured now
- Message to sites:
 - ➔ Configure MCORE queues fully dynamically if experienced with it
 - ➔ Static allocation otherwise: 50% of production resources for T1 and big T2s
- No massive single-core production (apart from reprocessing). Single-core only sites will be mostly empty.
- Follow directions on:
 - ➔ <https://twiki.cern.ch/twiki/bin/viewauth/AtlasComputing/AtlasMulticore>
 - ➔ SGE (define one PE as FZK), SLURM (mcore ready) – trivial configuration for dynamic sites – attach the same batch queue to MCORE
 - ➔ torque/maui, others, not quite clear