



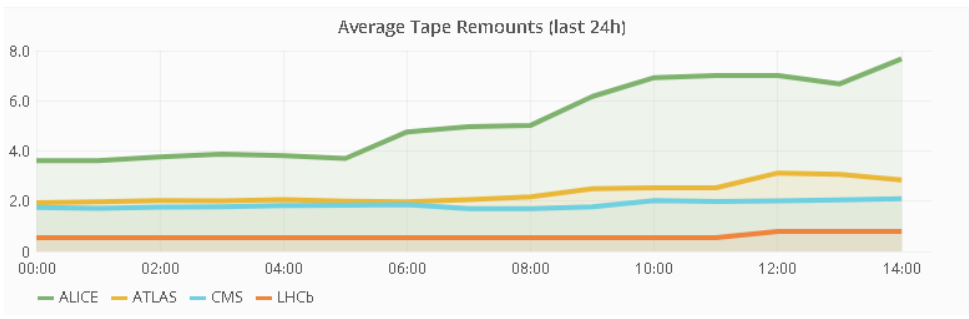
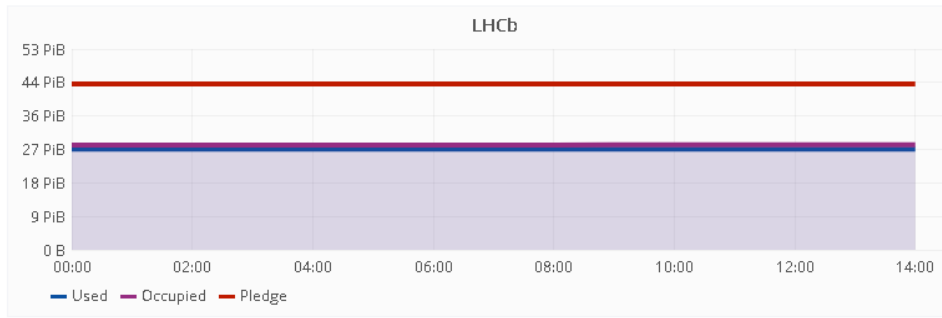
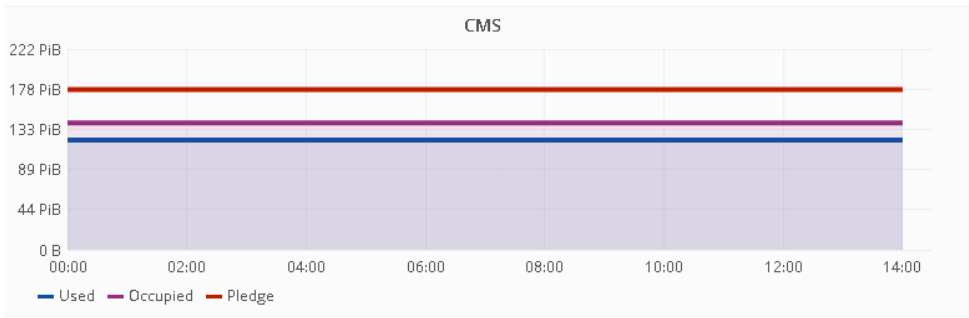
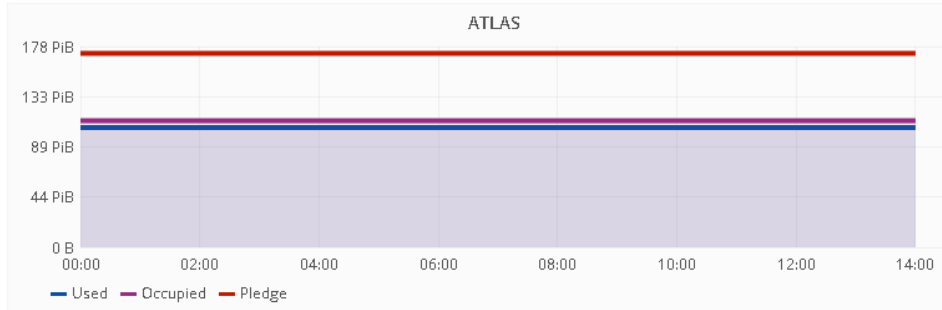
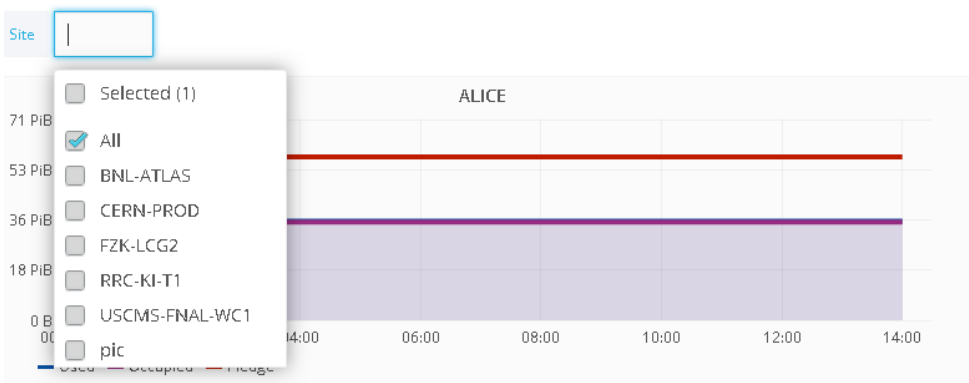
# Technology Overview

Site	Libraries	Total HEP Slots	Drives	Total HEP media capacity	Software	Contact	Valid as of
CH - CERN	4xSL8500, 1xTS4500, 1xTS3500	68000	40xT10000D, 46xTS1150, 2xTS1155	210+ PB	<a href="#">CASTOR</a>	<a href="mailto:tape-operations@cern.ch">tape-operations@cern.ch</a>	Sep 2017
CA - Triumf	1xTS3500, 1xTS4500	7000	6xLTO5, 18xLTO6, 8xLTO7	18 PB	<a href="#">Tapeguy</a>	<a href="mailto:simonliuxt@triumf.ca">simonliuxt@triumf.ca</a>	Nov 2017
DE - KIT-GridKa	1xSL8500	10000	17xT10000C, 12xT10000D	78 PB	<a href="#">IBM Spectrum Protect</a>	<a href="mailto:dataprotection@lists.kit.edu">dataprotection@lists.kit.edu</a>	Nov 2017
ES - PIC	1xSL8500	4080	4xLTO5, 8xT10000C, 5xT10000D	13 PB	<a href="#">Enstore</a>	<a href="mailto:storage@pic.es">storage@pic.es</a>	Nov 2017
FR - <a href="#">CCIN2P3</a>	4xSL8500	40000	50xT10000D	54 PB	<a href="#">HPSS</a>	<a href="mailto:hpsmaster@cc.in2p3.fr">hpsmaster@cc.in2p3.fr</a>	Oct 2017
GB - STFC-RAL	2xSL8500	10000	21xT10000D	44 PB	<a href="#">CASTOR</a>	<a href="mailto:tim.folkes@stfc.ac.uk">tim.folkes@stfc.ac.uk</a>	Nov 2017
IT - INFN-CNAF	1xSL8500	?	17xT10000D	65 PB	<a href="#">IBM Spectrum Protect</a>	<a href="mailto:storage@lists.cnaf.infn.it">storage@lists.cnaf.infn.it</a>	Sep 2017
KR - GSDC-KISTI	1xTS3500	800	8xTS1140	3.5 PB	<a href="#">IBM Spectrum Protect</a> + <a href="#">IBM Spectrum Scale</a>	<a href="mailto:sahn@kisti.re.kr">sahn@kisti.re.kr</a>	Nov 2017
NL - NIKHEF-SARA	2xSL8500	20000	12xT10000C, 10xT10000D	12PB	<a href="#">DMF</a>	<a href="mailto:ds-tg@surfsara.nl">ds-tg@surfsara.nl</a>	Nov 2017
RU - NRC-KI	1xTS3500	2642	9xTS1140	7 PB	<a href="#">Enstore</a>	<a href="mailto:gridops@grid.kiae.ru">gridops@grid.kiae.ru</a>	Nov 2017
RU - JINR	1xTS3500	3240	11xLTO6	8 PB	<a href="#">Enstore</a>	<a href="mailto:tw@jinr.ru">tw@jinr.ru</a>	Nov 2017
Scandinavia - NDGF	?xTS3500	?	LTO, TS11XX	9 PB	<a href="#">IBM Spectrum Protect</a> + <a href="#">ENDIT</a>	<a href="mailto:support@ndgf.org">support@ndgf.org</a>	Nov 2017
TW - ASGC (no tape)	TS3500	?	LTO4	?	<a href="#">CASTOR</a>	?	Jul 2010
US - BNL	4xSL8500	36000	LTO3, LTO4, LTO6, LTO7	44 PB	<a href="#">HPSS</a>	<a href="mailto:David.Yu@bnl.gov">David.Yu@bnl.gov</a>	Oct 2017
US - FNAL	7xSL8500	70000	61xT10000C, 23xT10000D, 18xLTO4	125+ PB	<a href="#">Enstore</a>	<a href="mailto:oleynik@fnal.gov">oleynik@fnal.gov</a>	Nov 2017



# Tape Metrics dashboard

- <http://cern.ch/go/bTt6>





# Tape Metrics

- <https://twiki.cern.ch/twiki/bin/view/HEPTape/TapeMetricsJSON>
- 6 sites out of 15 report
- Others?
  - "Working on it..." – what is the status?
  - Completely silent – why?
- Next step:
  - Tape drive performance comparison?



# Dedicated Tape session @ HEPiX

- When:  
17 May 2018 (Thursday), starting 17:30
- Where:  
Spring HEPiX 2018 Workshop  
Chamberlin Hall  
University of Wisconsin-Madison  
USA
- What:  
Discuss tape topics / issues / solutions  
CERN will present near-term plans  
Other contributions welcome