



Beam Physics Group

Internal

Tuning Activity Overview

April 13, 2022

Element Command Automated Summary

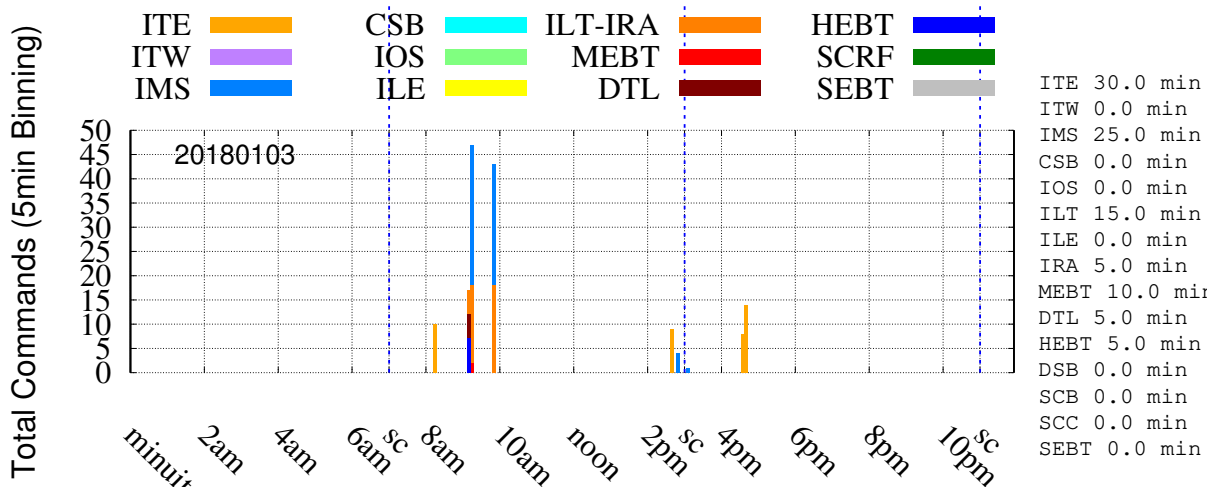
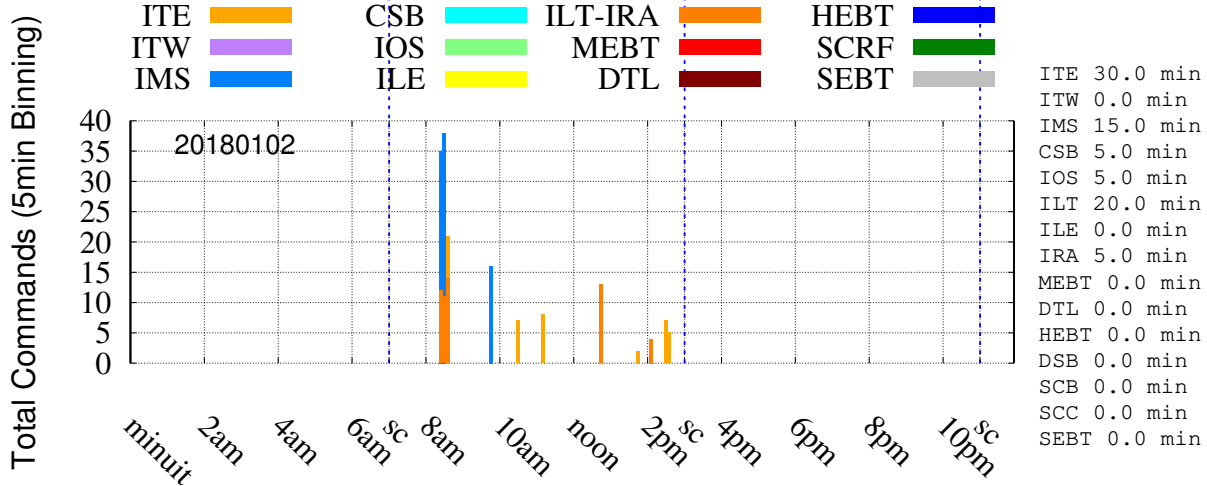
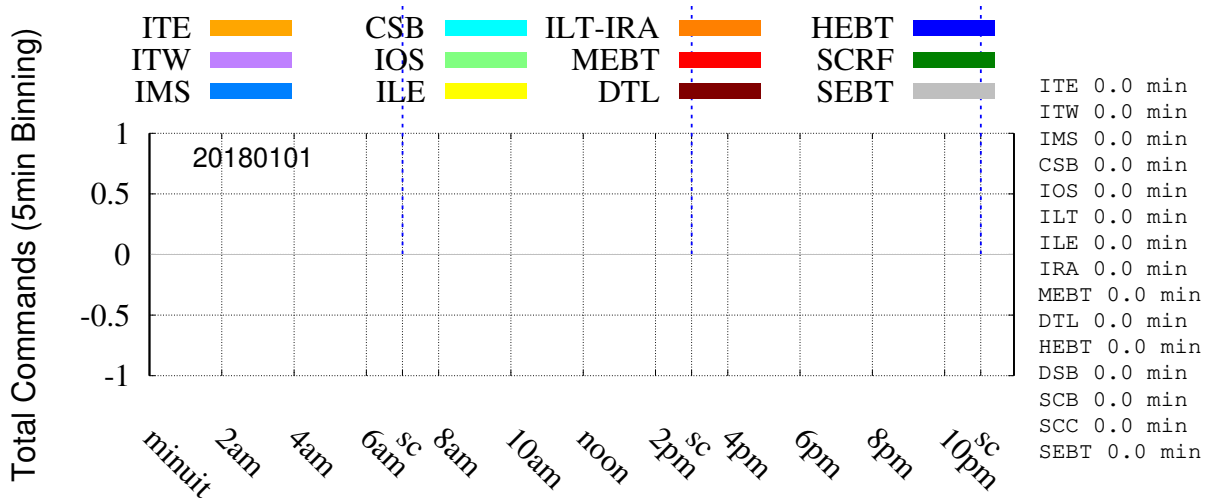
—

TRIUMF

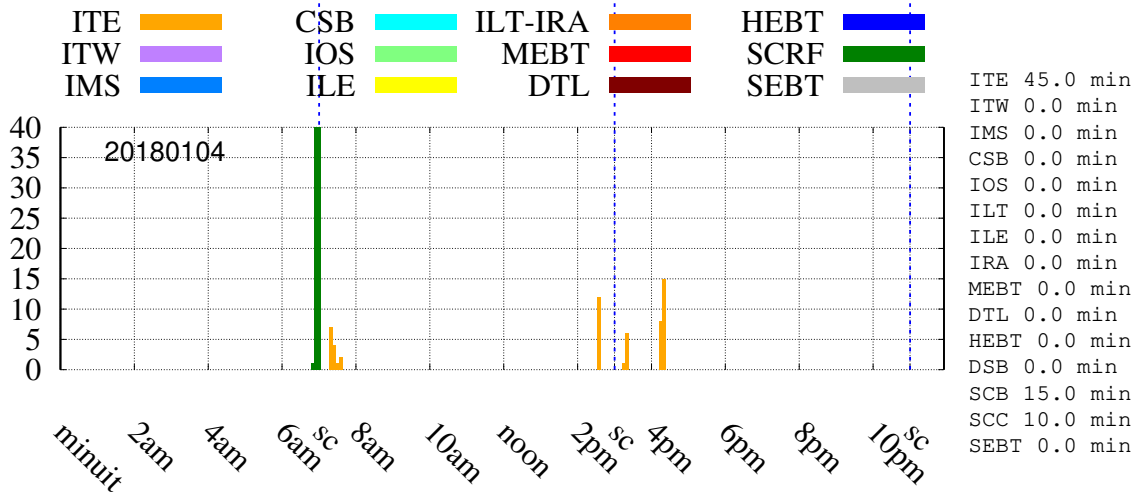
Abstract: This automated report displays commands that were registered on the controls network at TRIUMF-ISAC. Command counts are binned in 5.0 minute intervals over a 24 hour day. Graphs display the total number of recorded commands, color coded by sections at ISAC.

From: 2018-01-01,

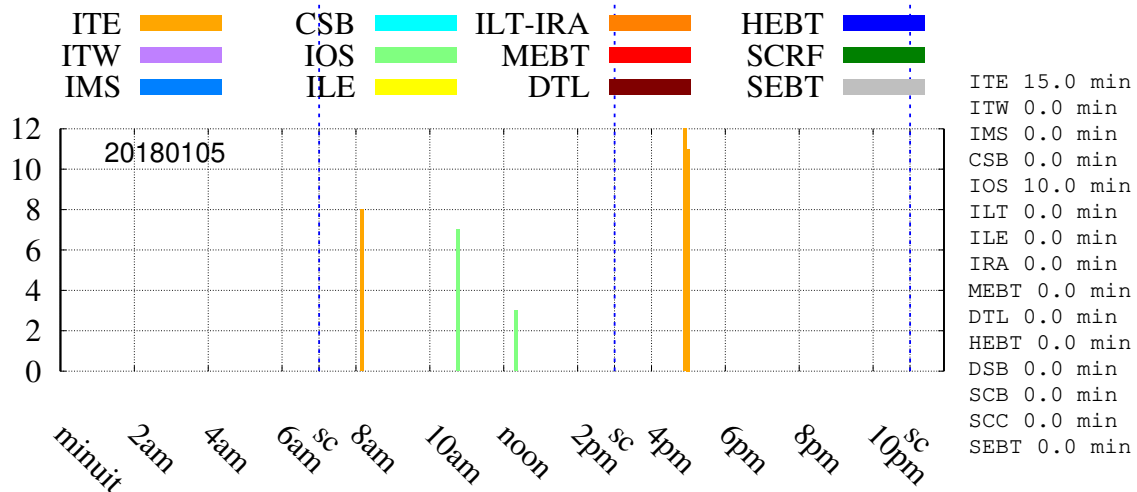
Until: 2018-12-31



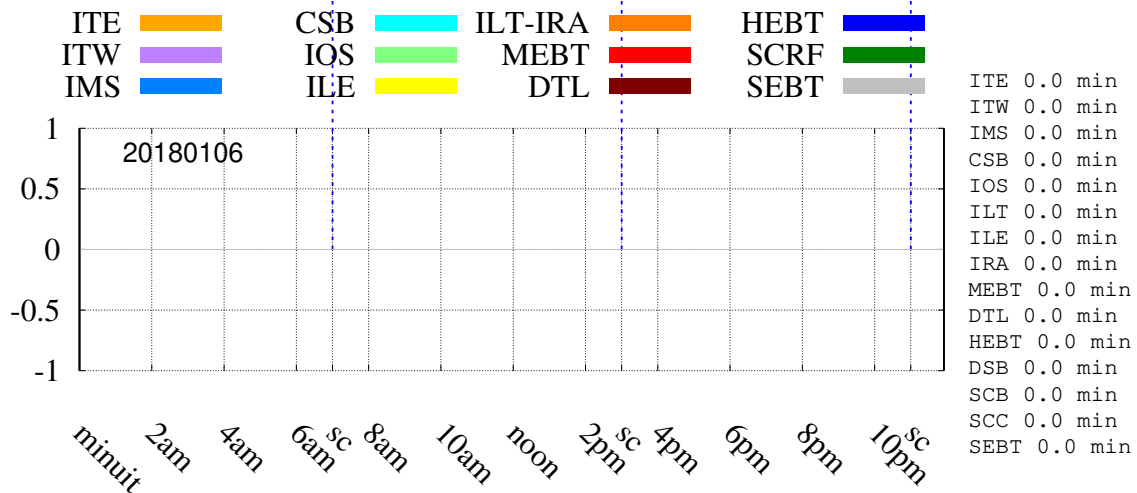
Total Commands (5min Binning)

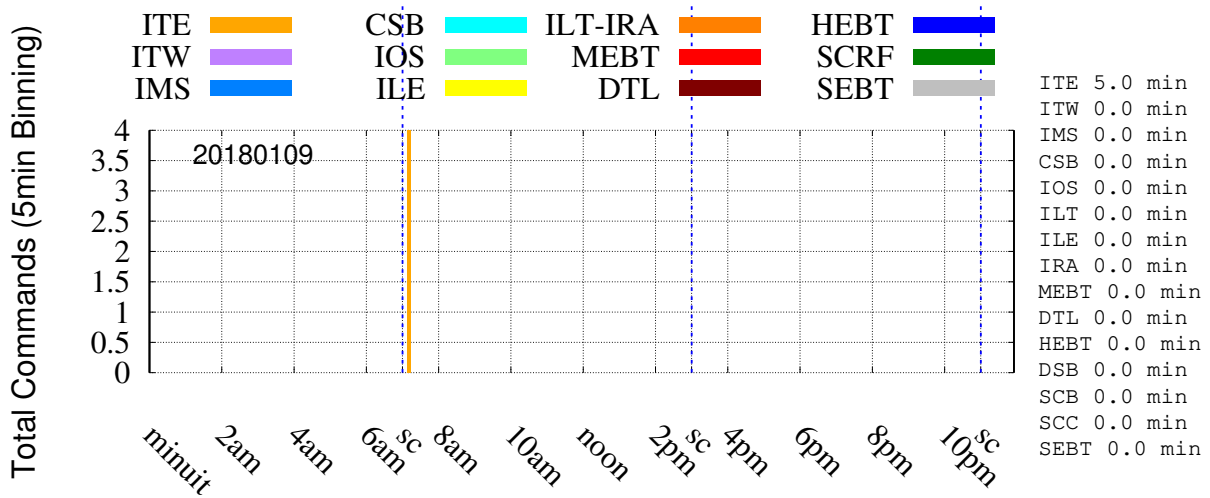
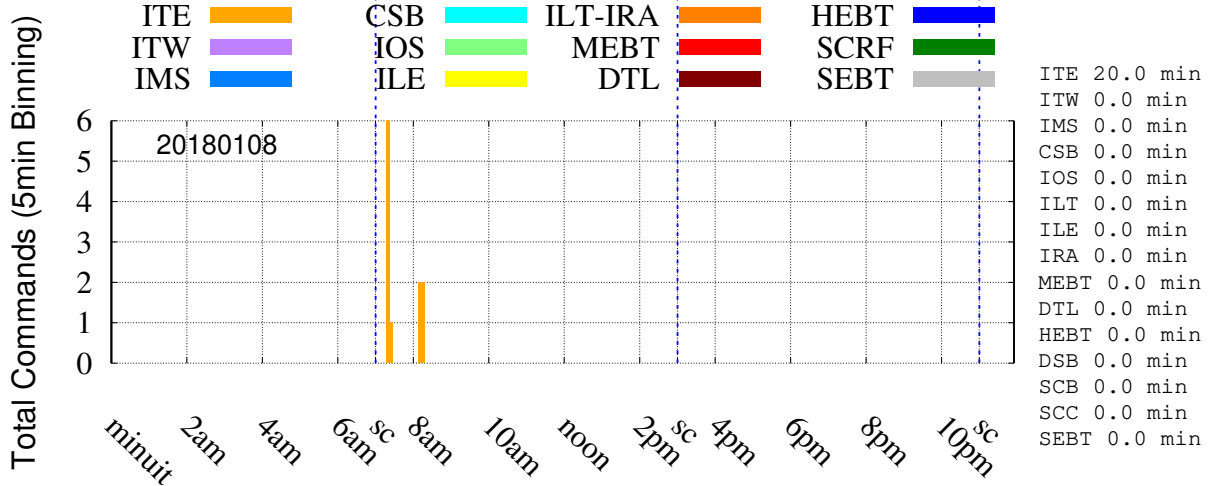
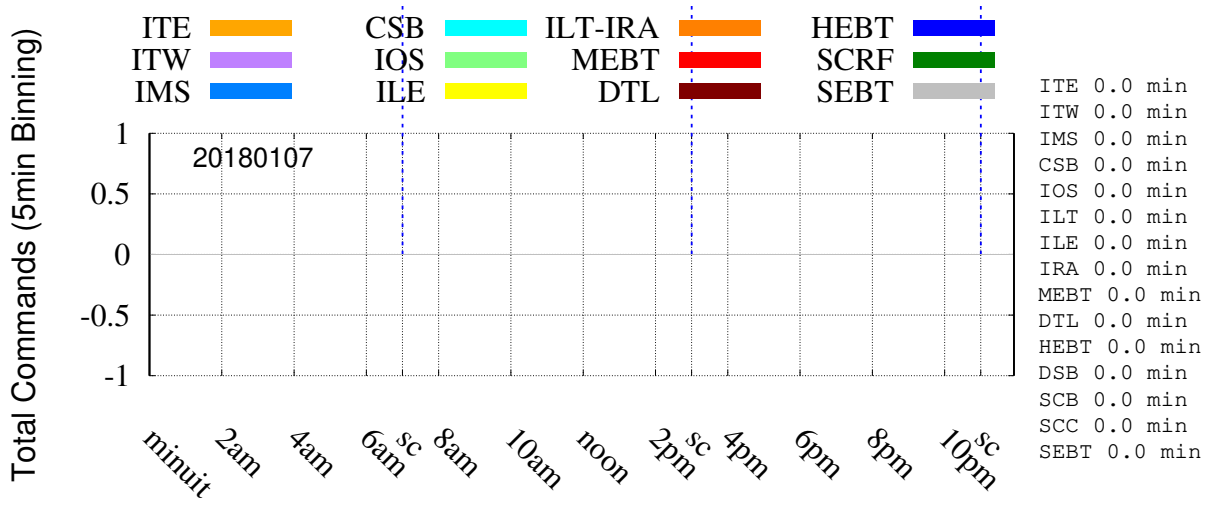


Total Commands (5min Binning)

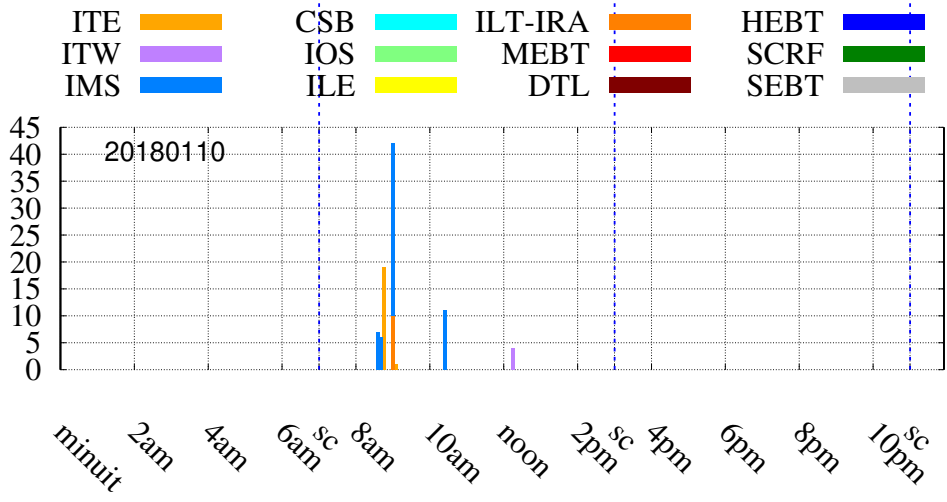


Total Commands (5min Binning)



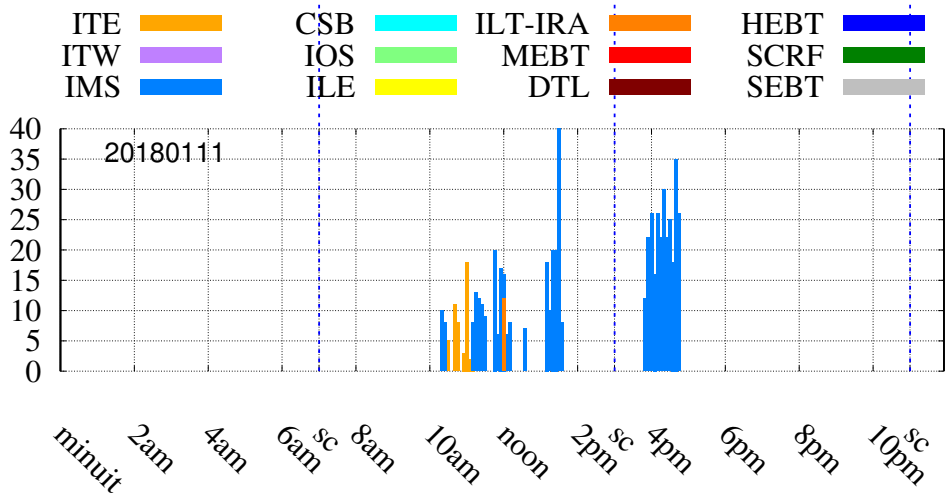


Total Commands (5min Binning)



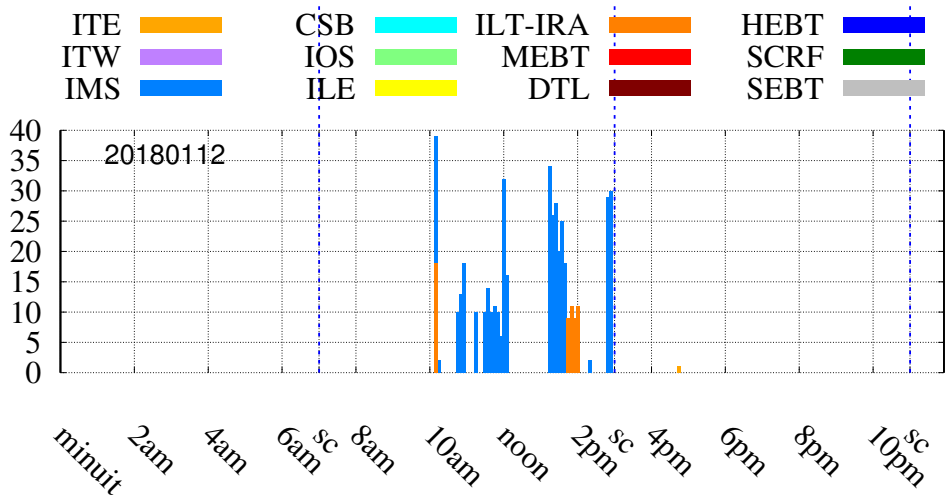
ITE	30.0 min
ITW	5.0 min
IMS	20.0 min
CSB	0.0 min
IOS	0.0 min
ILT	5.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)



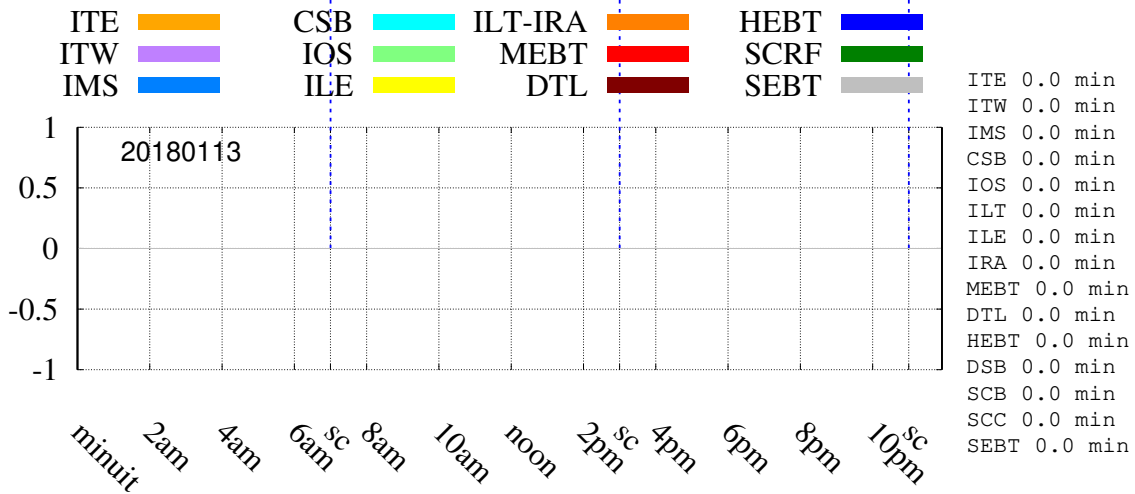
ITE	45.0 min
ITW	0.0 min
IMS	160.0 min
CSB	0.0 min
IOS	0.0 min
ILT	5.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)

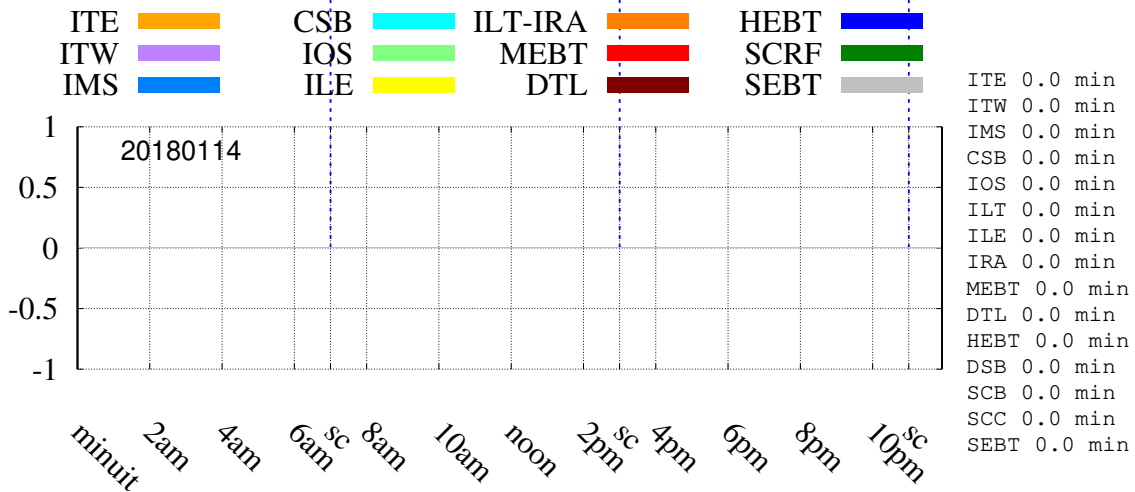


ITE	40.0 min
ITW	0.0 min
IMS	120.0 min
CSB	0.0 min
IOS	0.0 min
ILT	25.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

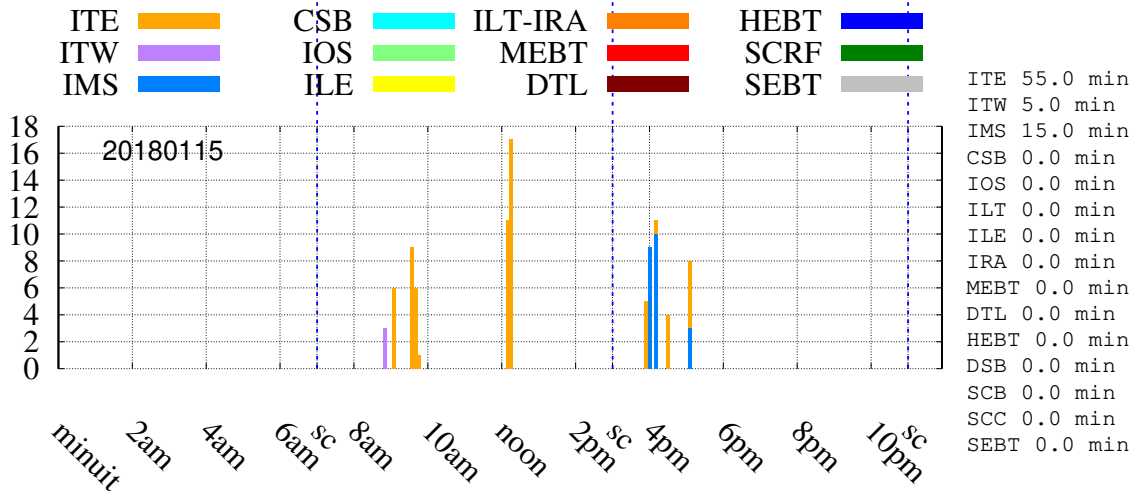
Total Commands (5min Binning)



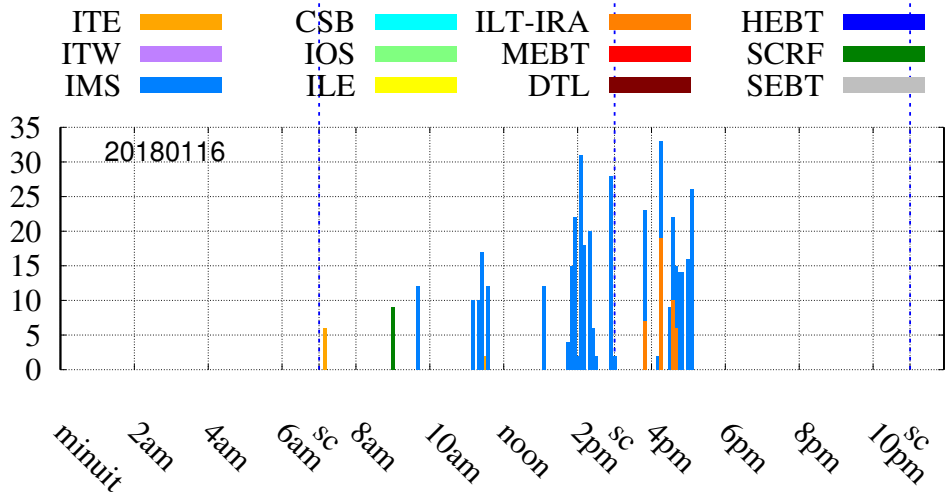
Total Commands (5min Binning)



Total Commands (5min Binning)

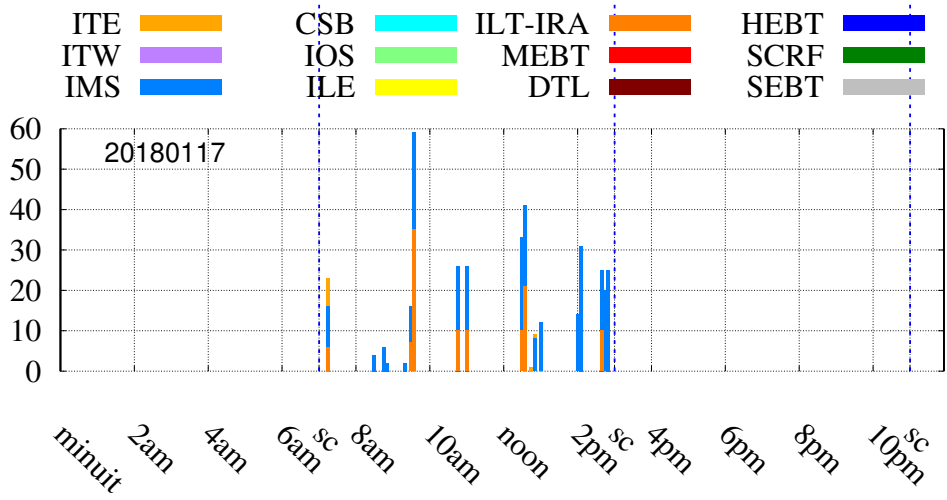


Total Commands (5min Binning)



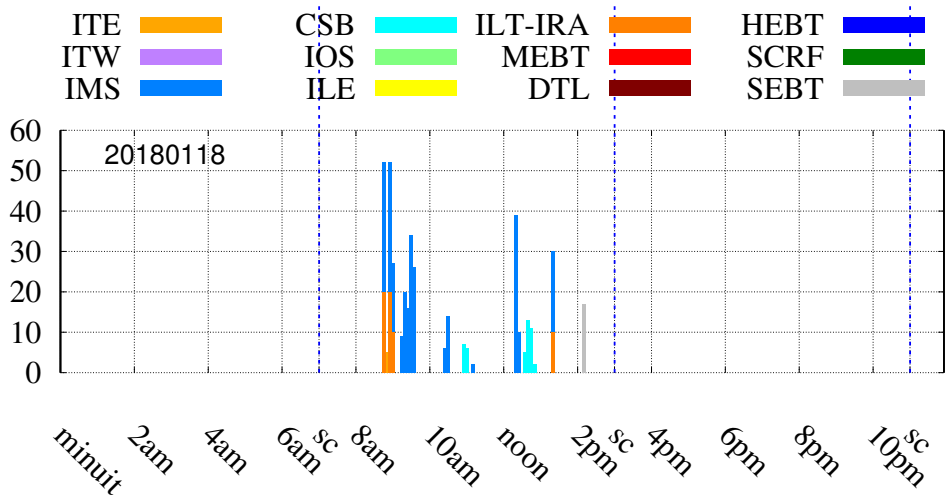
ITE	55.0 min
ITW	0.0 min
IMS	135.0 min
CSB	5.0 min
IOS	0.0 min
ILT	20.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	5.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)



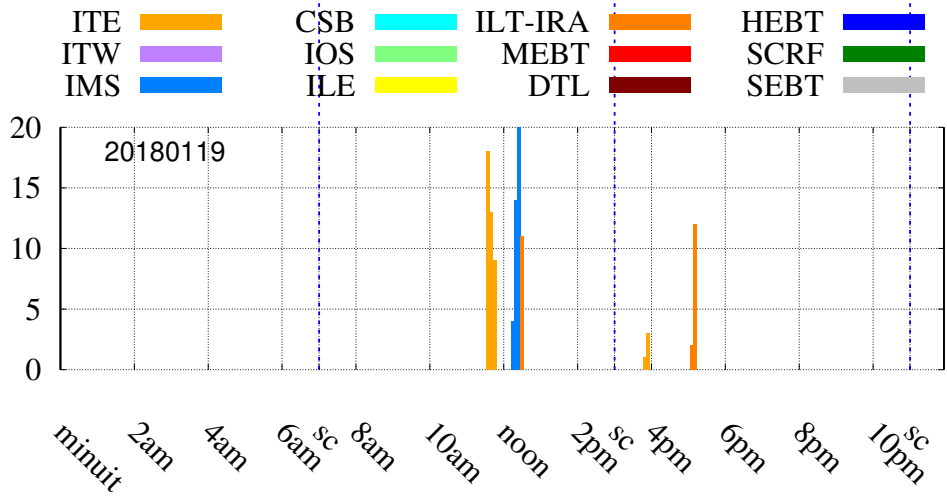
ITE	50.0 min
ITW	0.0 min
IMS	90.0 min
CSB	0.0 min
IOS	0.0 min
ILT	40.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)



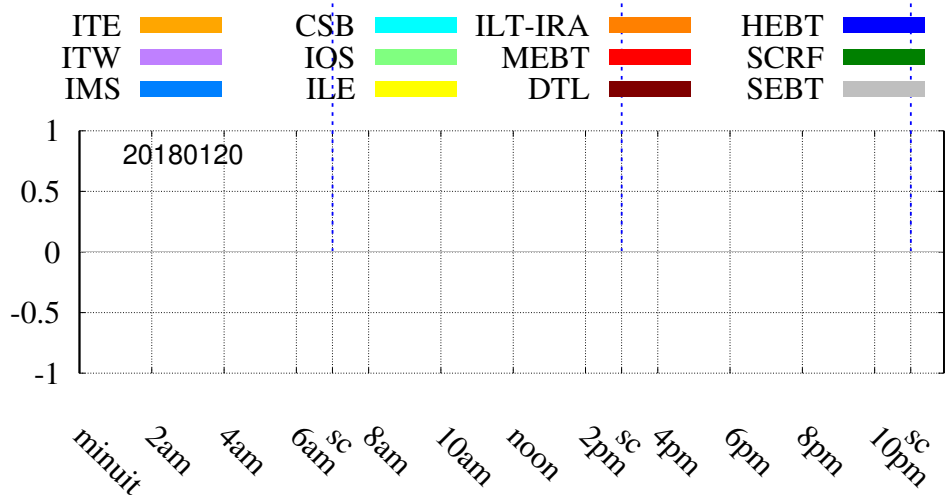
ITE	40.0 min
ITW	0.0 min
IMS	80.0 min
CSB	30.0 min
IOS	0.0 min
ILT	20.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	5.0 min

Total Commands (5min Binning)



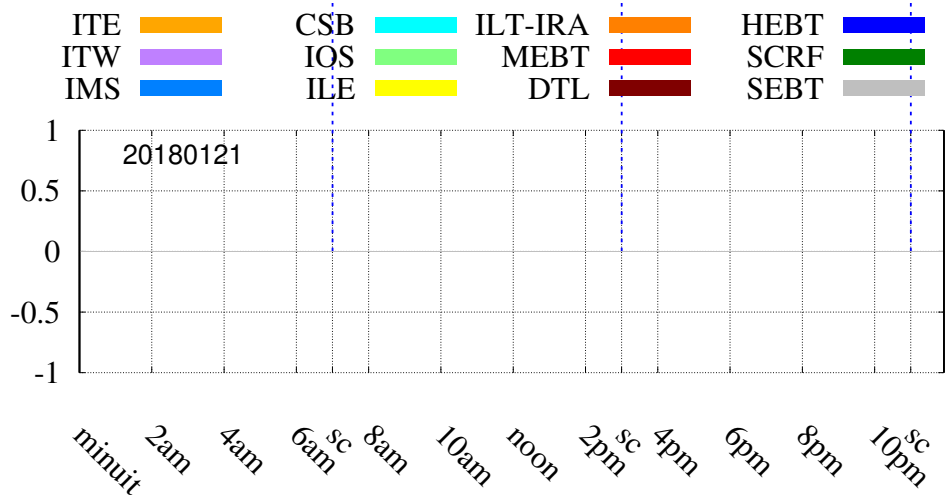
ITE 25.0 min
 ITW 0.0 min
 IMS 15.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 15.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



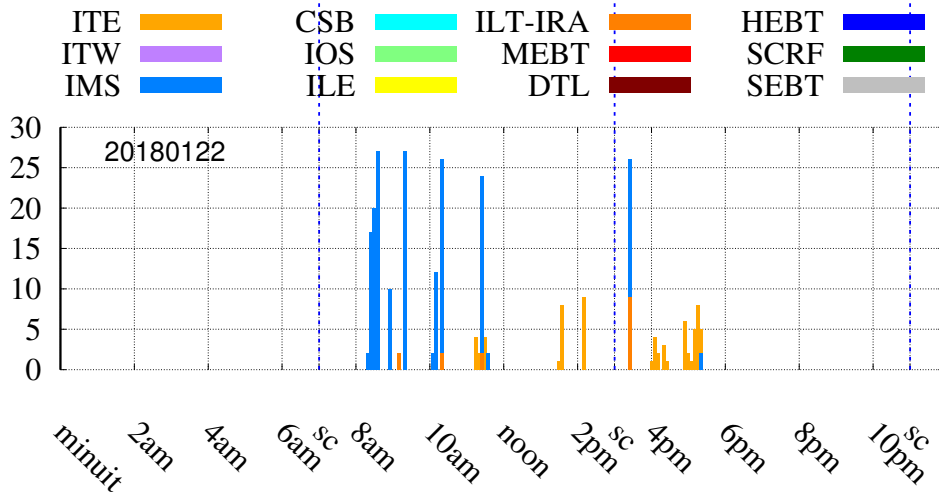
ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 0.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



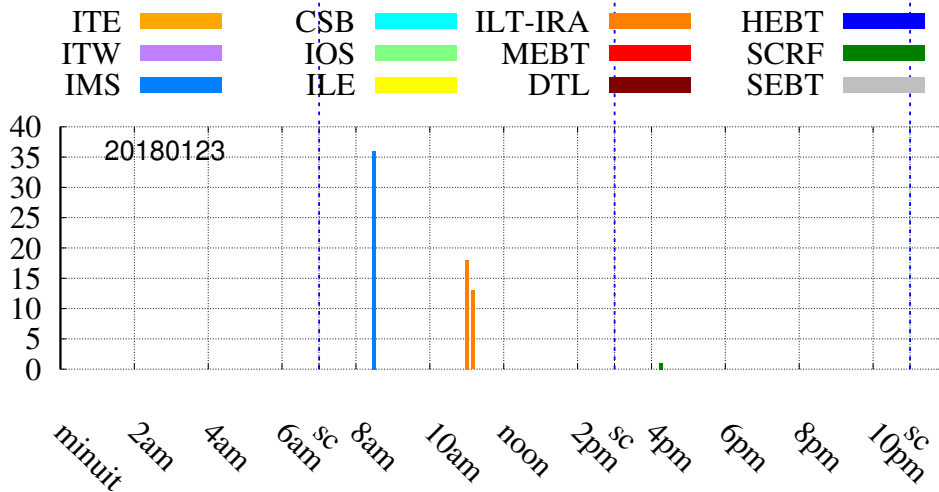
ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 0.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



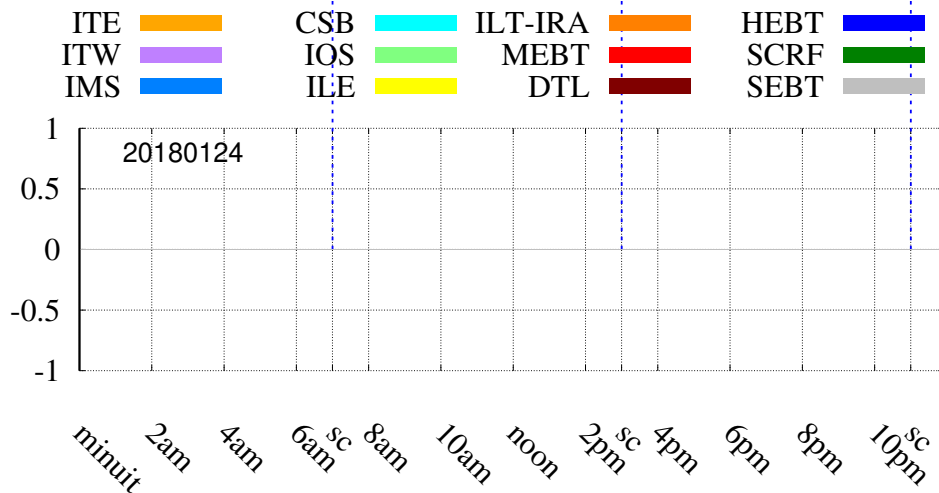
ITE 105.0 min
 ITW 0.0 min
 IMS 65.0 min
 CSB 5.0 min
 IOS 0.0 min
 ILT 20.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



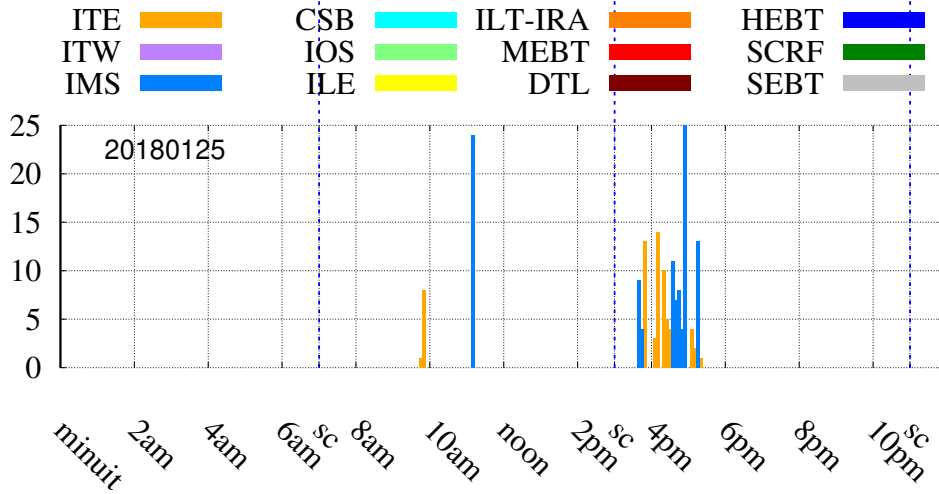
ITE 5.0 min
 ITW 0.0 min
 IMS 5.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 10.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 5.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



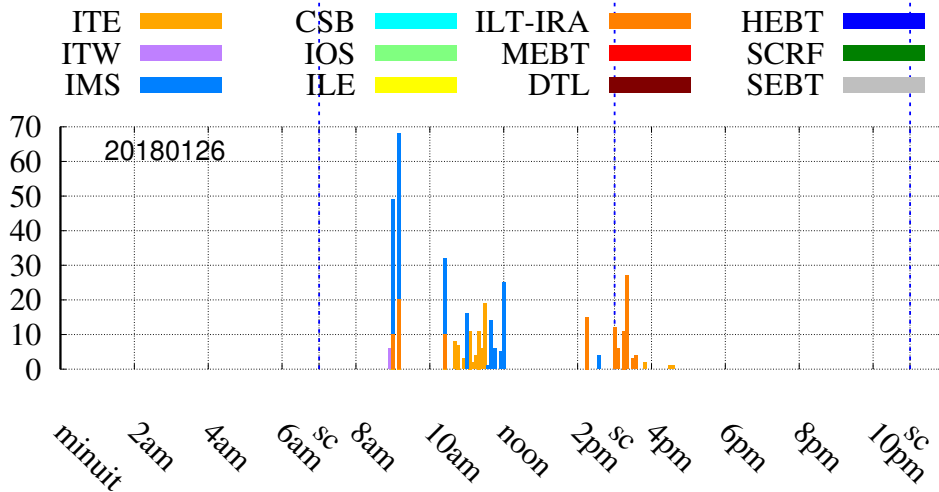
ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 0.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



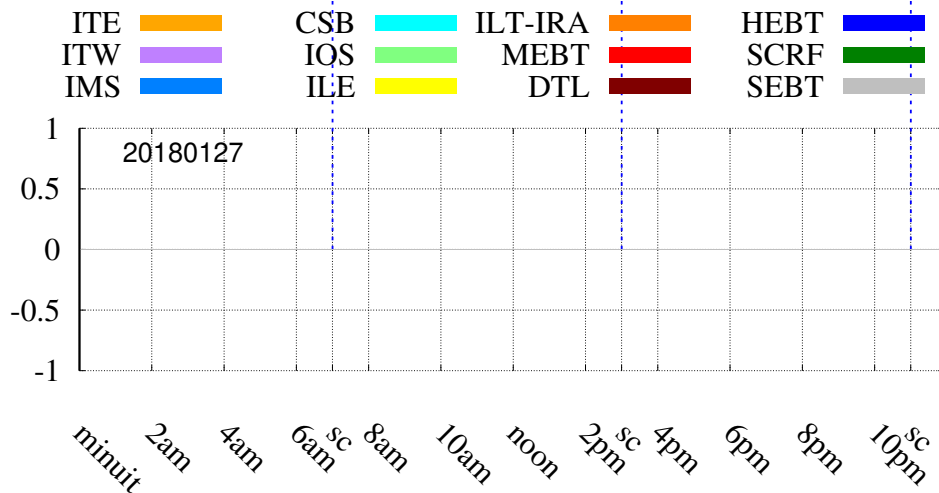
ITE 75.0 min
 ITW 0.0 min
 IMS 45.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 0.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)

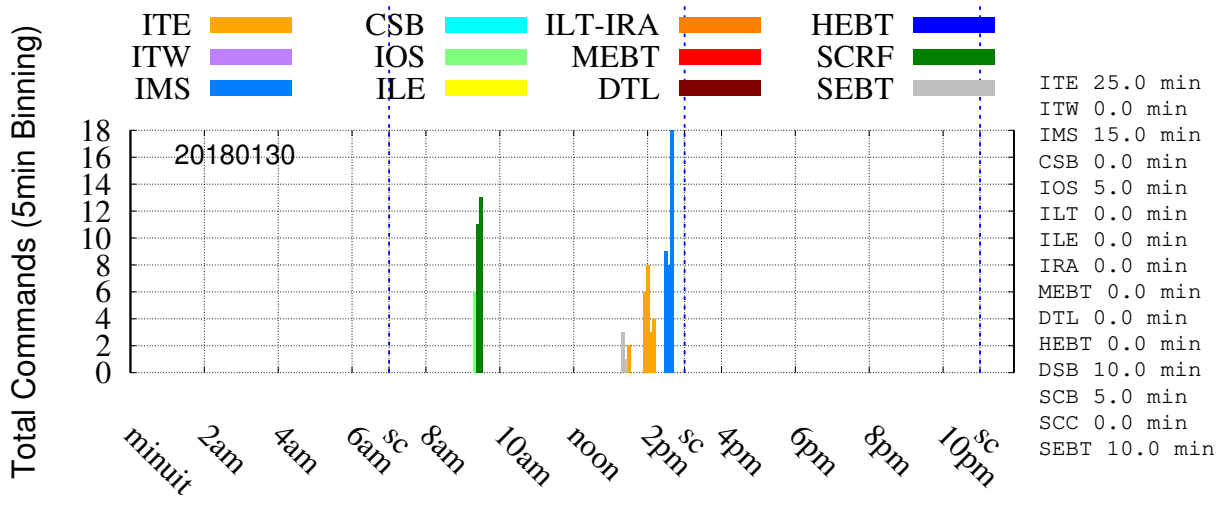
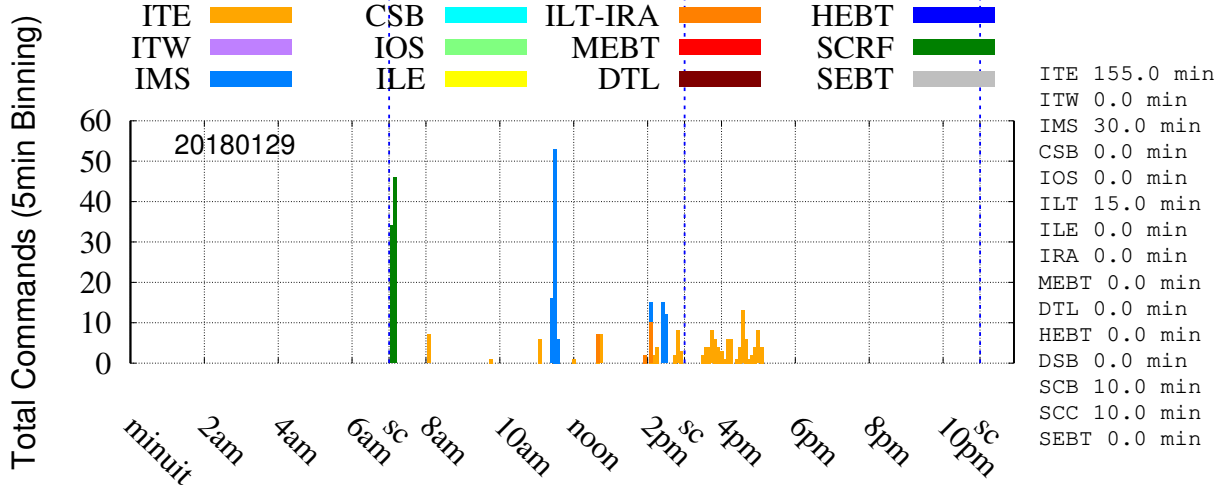
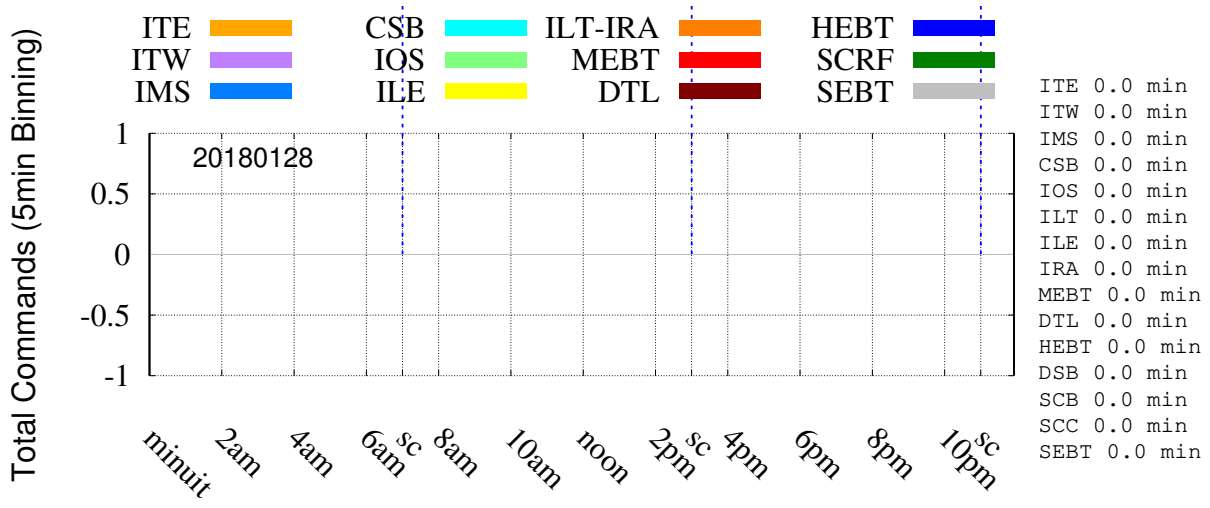


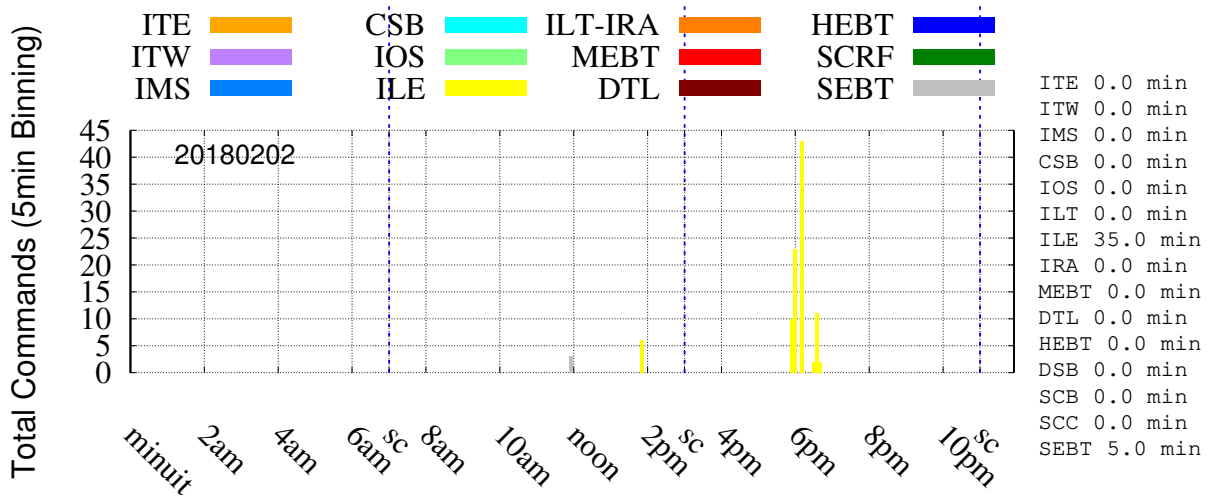
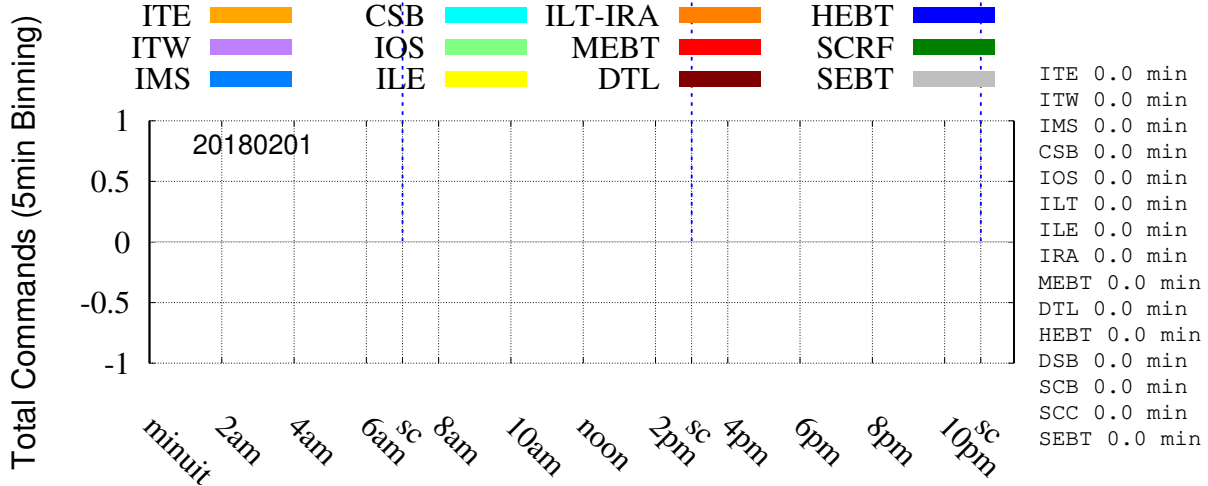
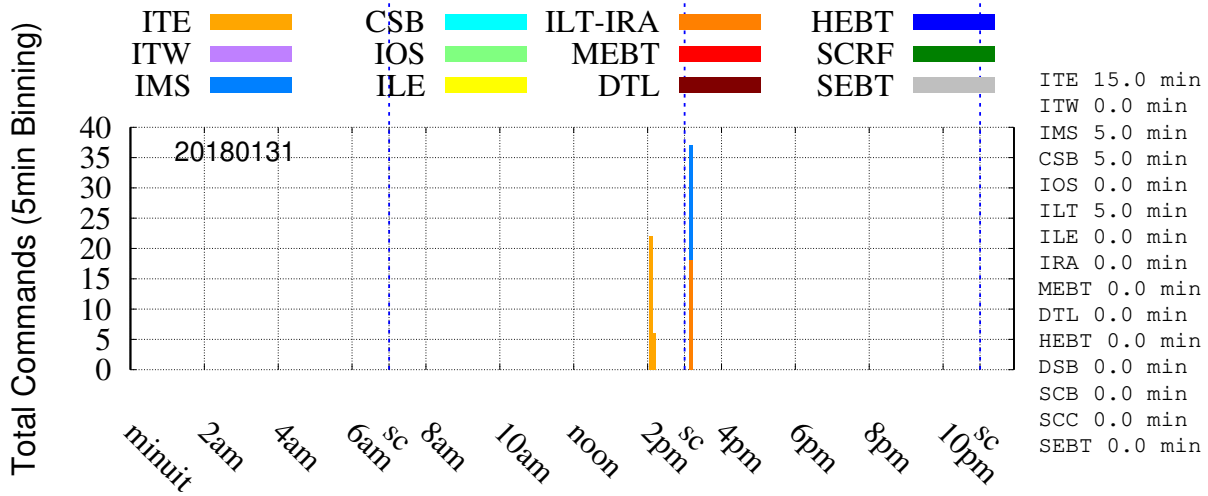
ITE 95.0 min
 ITW 5.0 min
 IMS 55.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 50.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)

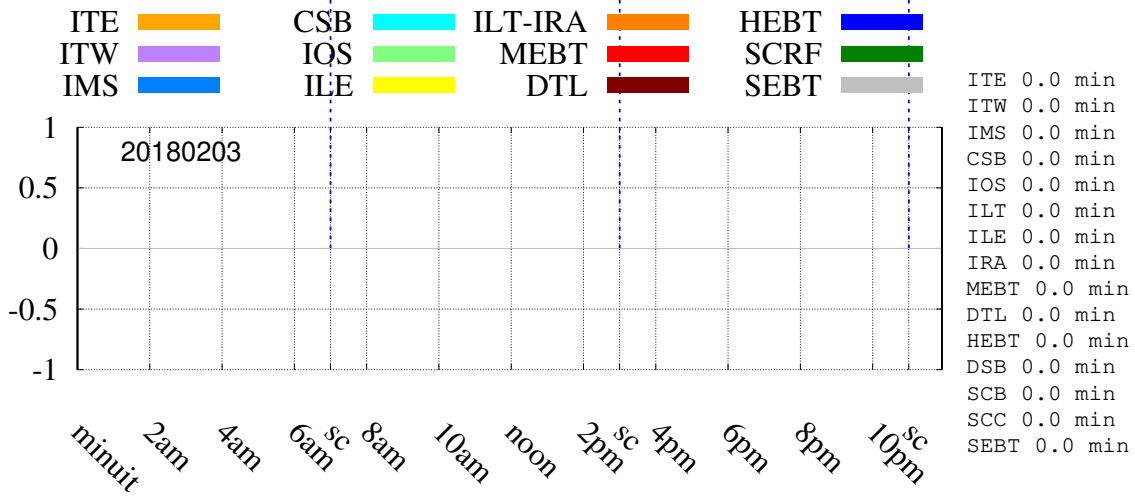


ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 0.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

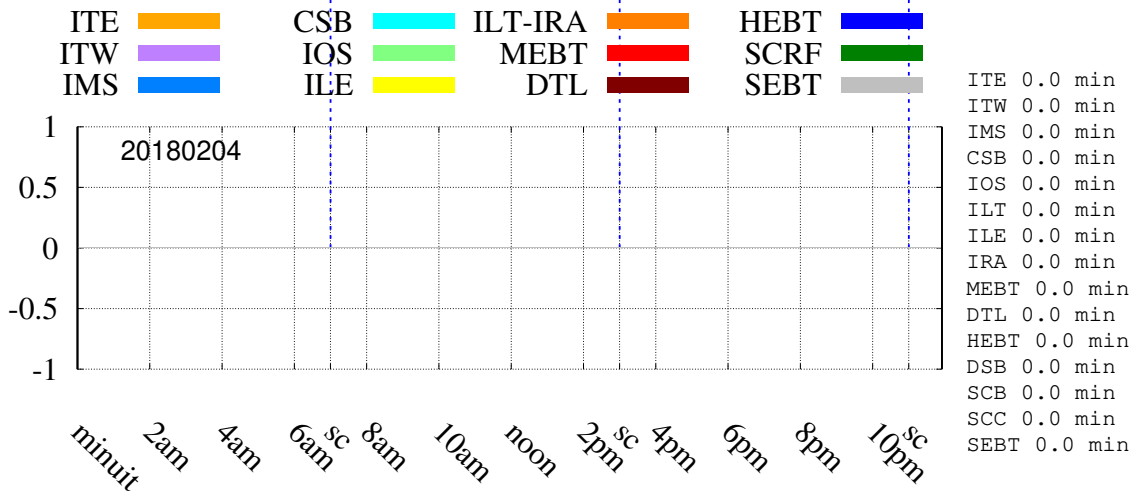




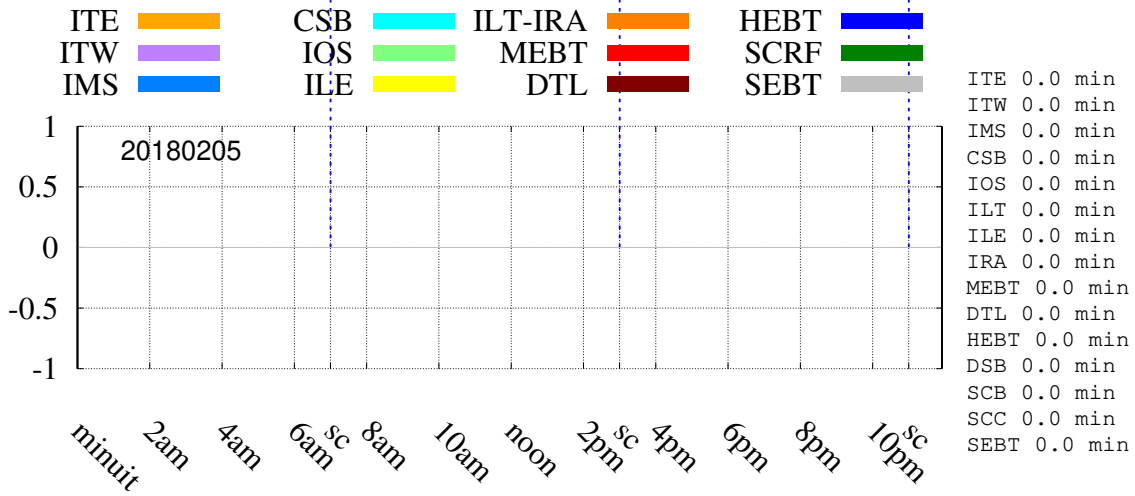
Total Commands (5min Binning)



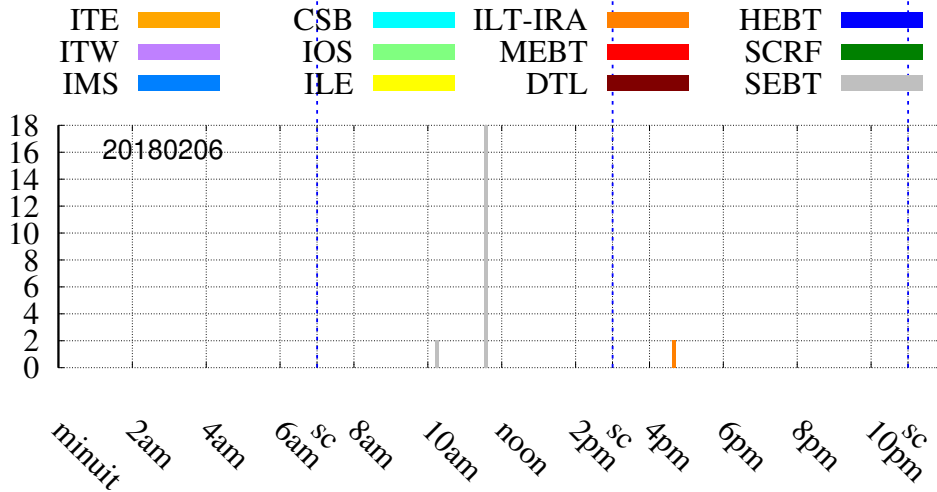
Total Commands (5min Binning)



Total Commands (5min Binning)

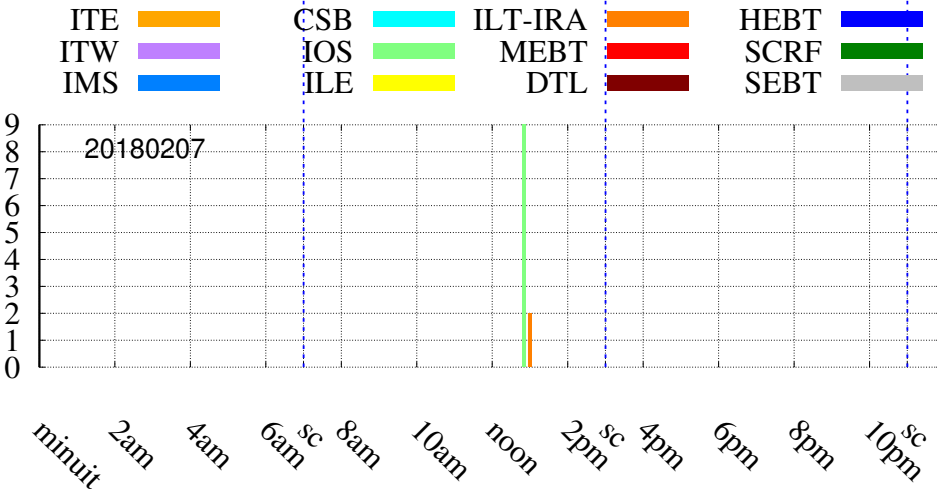


Total Commands (5min Binning)



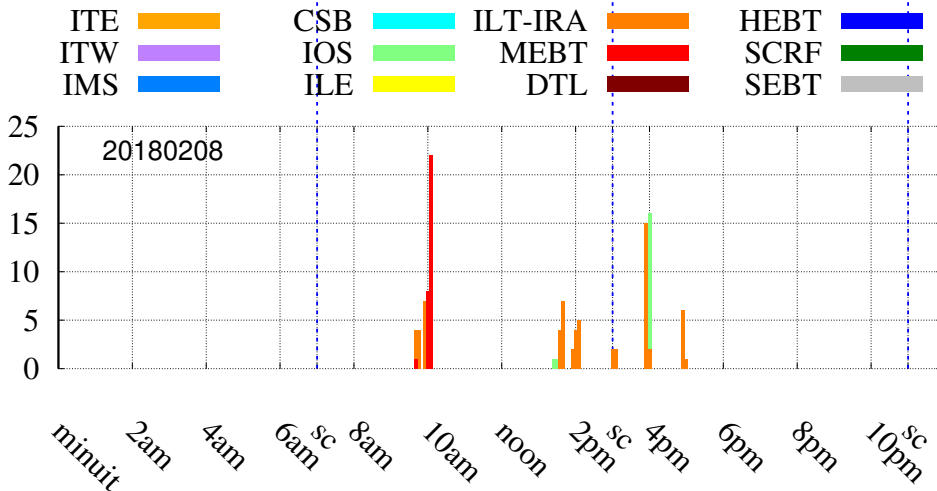
ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 5.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 10.0 min

Total Commands (5min Binning)



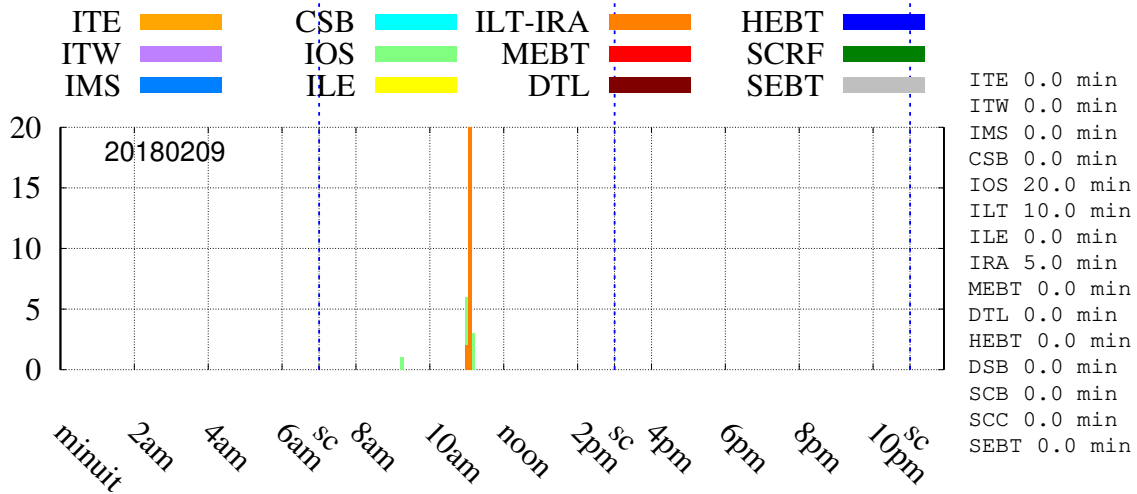
ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 5.0 min
 IOS 5.0 min
 ILT 5.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)

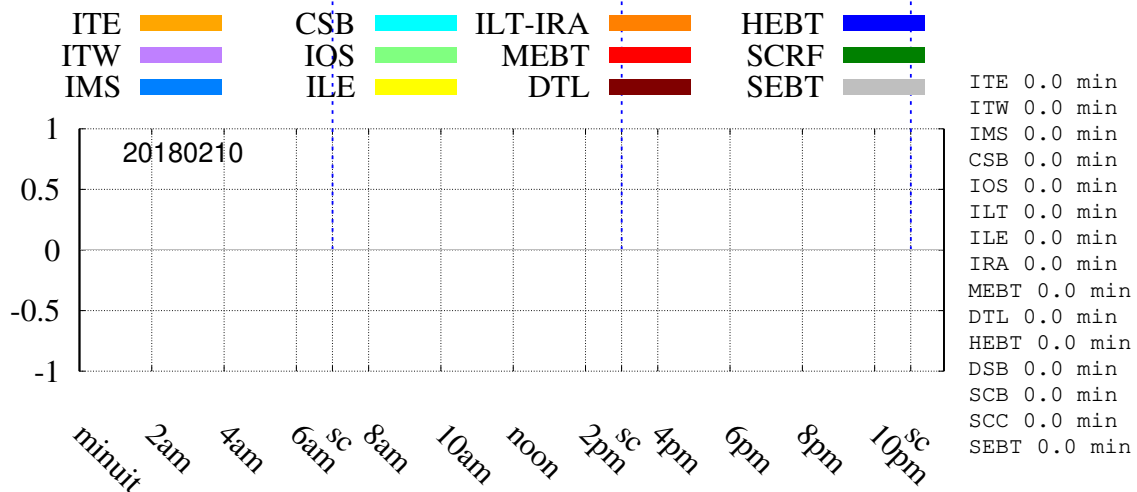


ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 25.0 min
 ILT 50.0 min
 ILE 0.0 min
 IRA 45.0 min
 MEBT 15.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

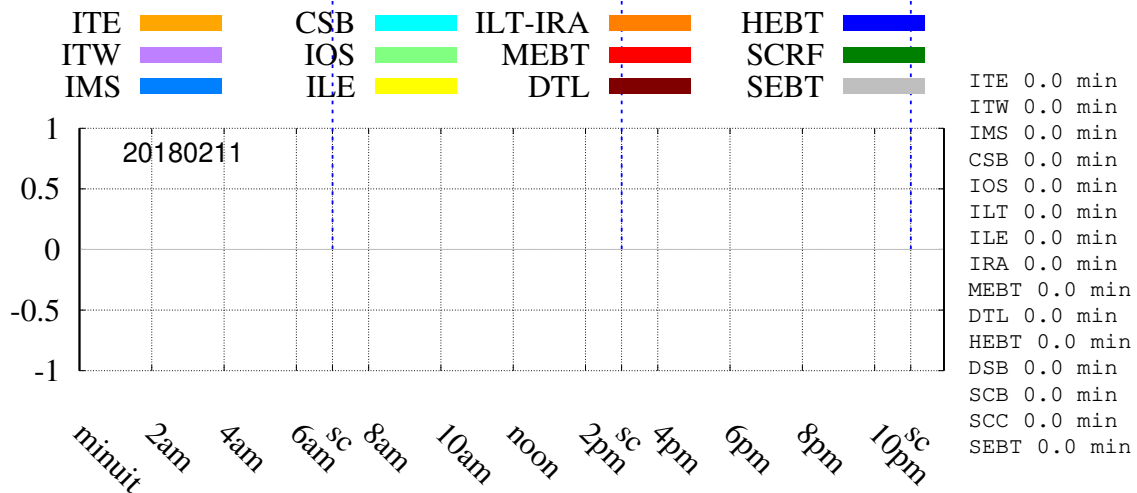
Total Commands (5min Binning)

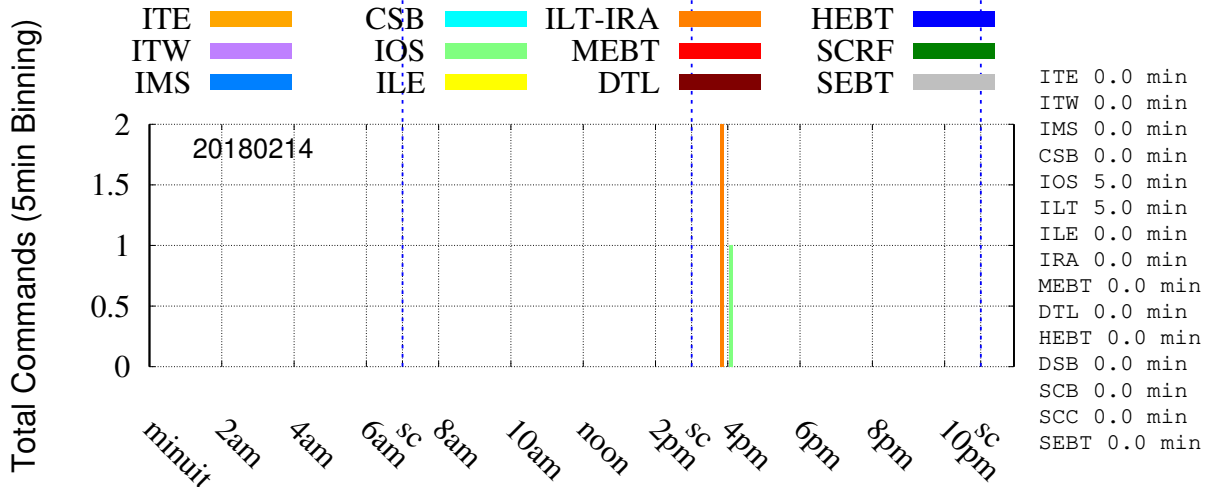
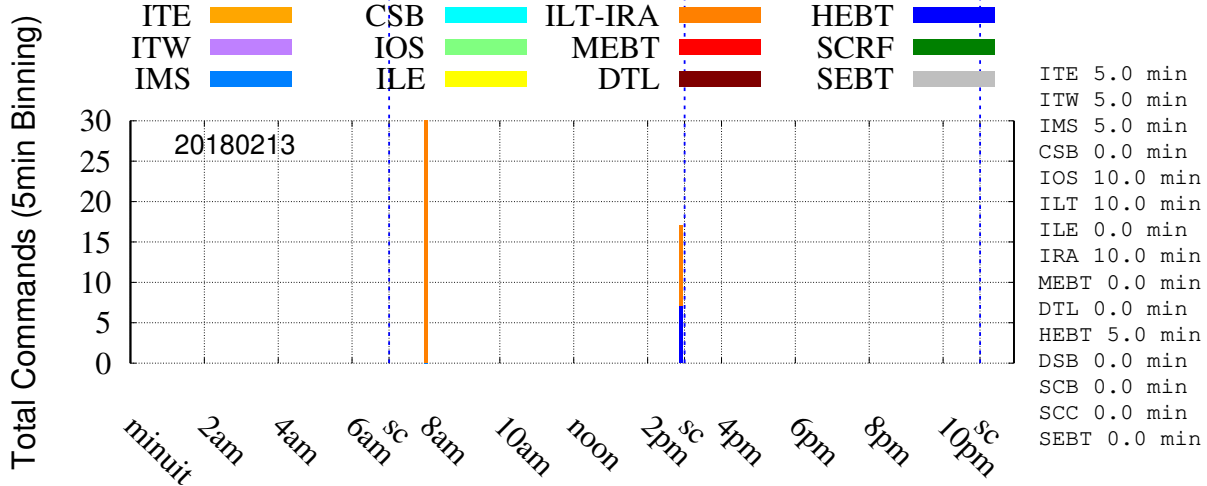
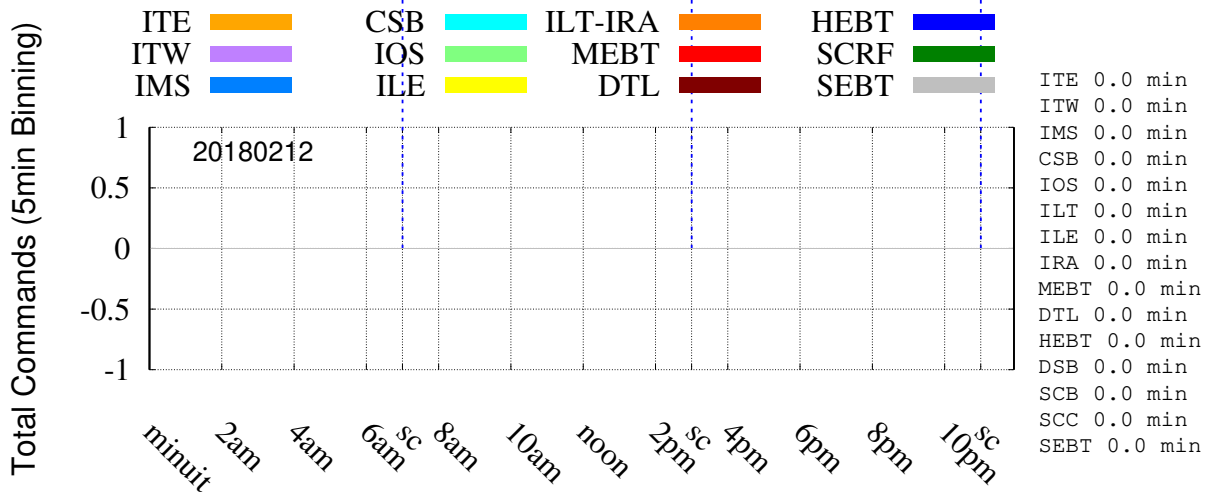


Total Commands (5min Binning)

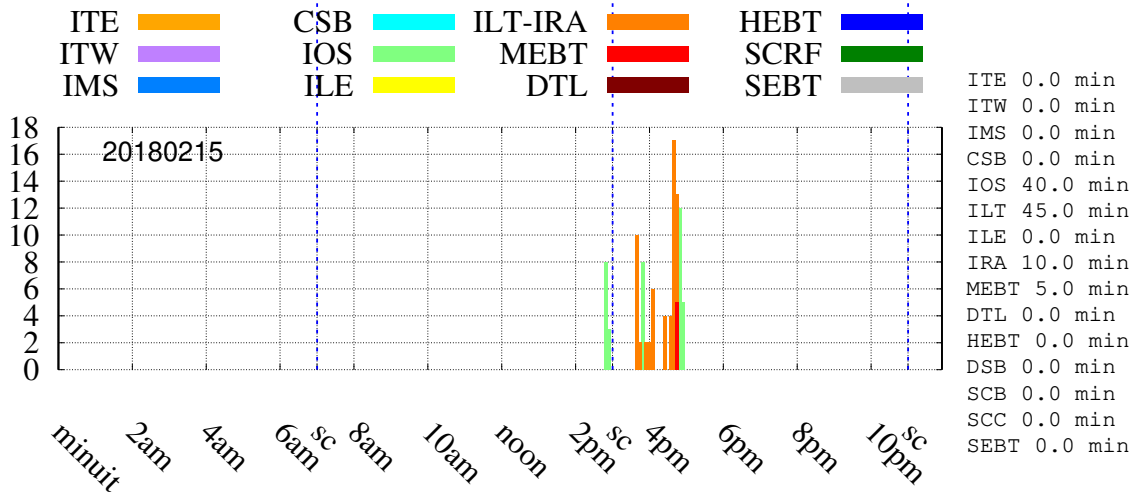


Total Commands (5min Binning)

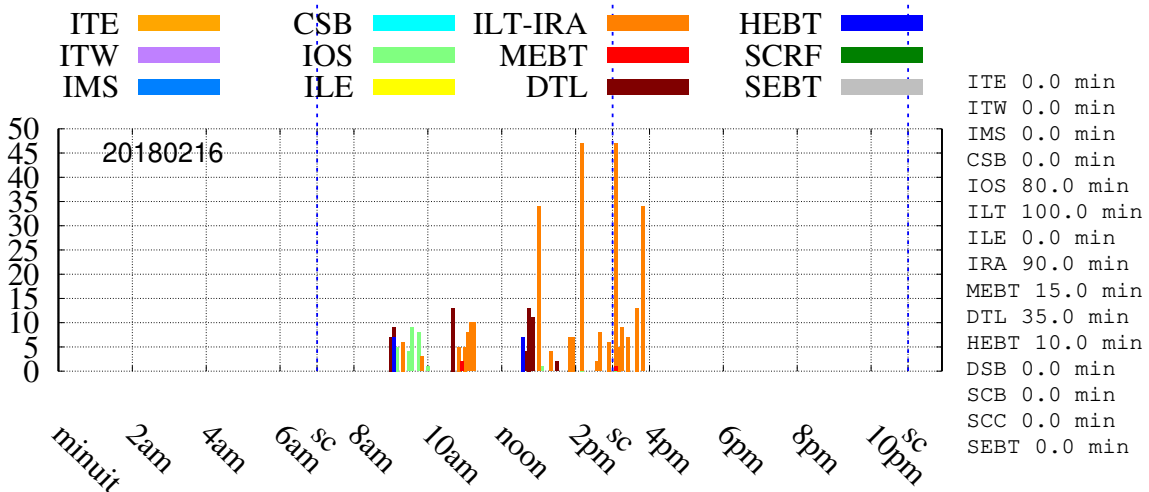




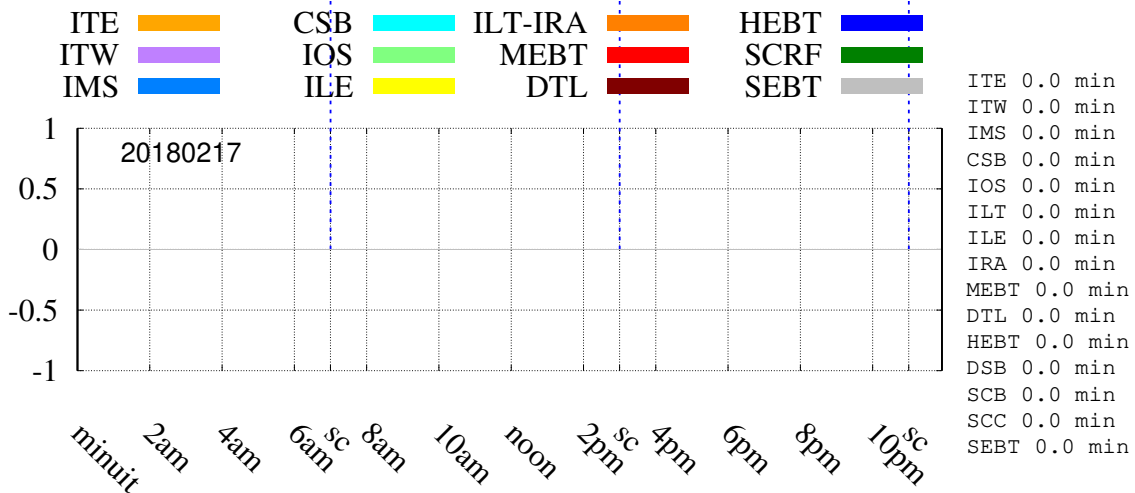
Total Commands (5min Binning)

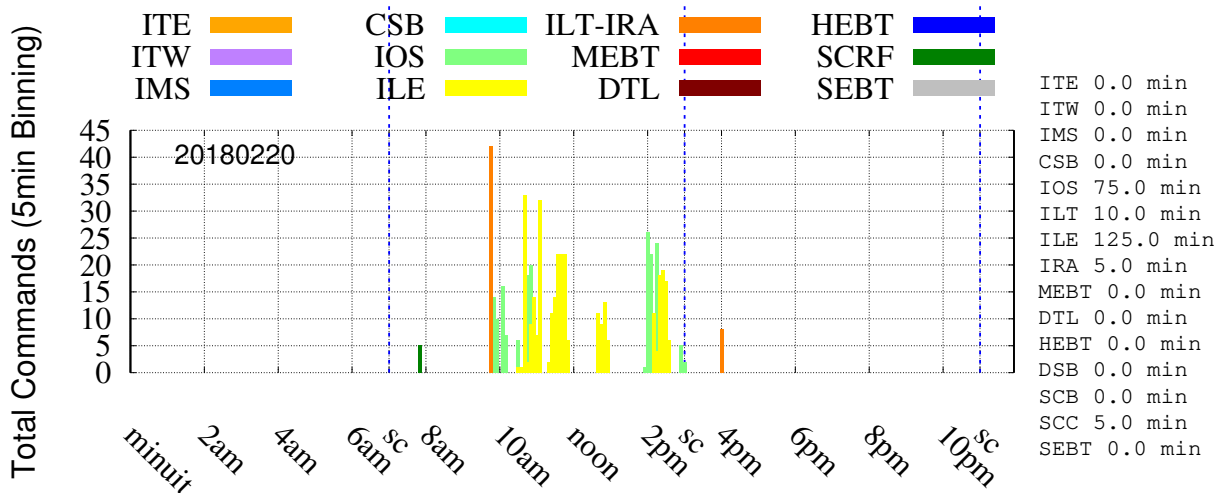
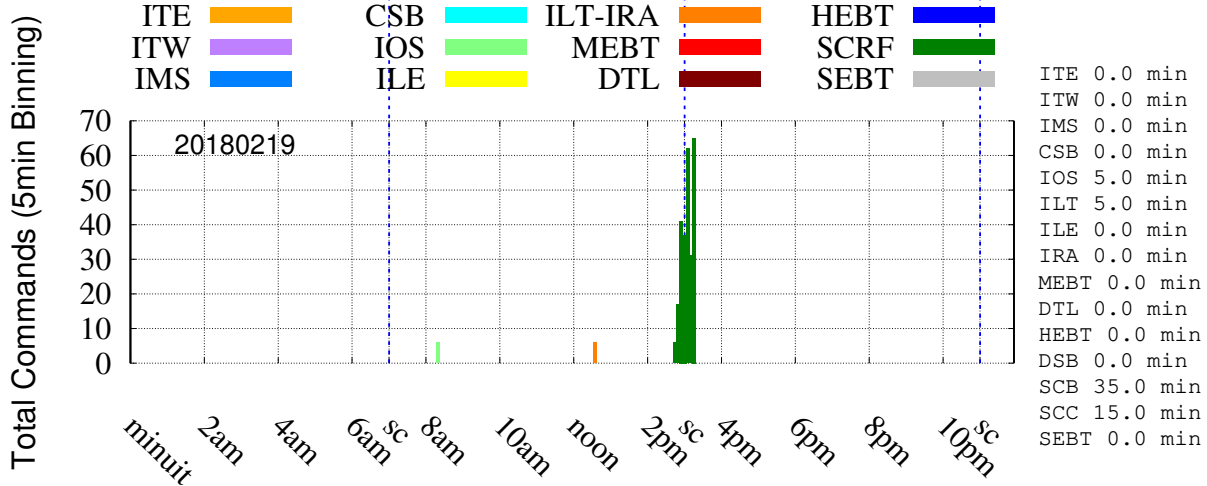
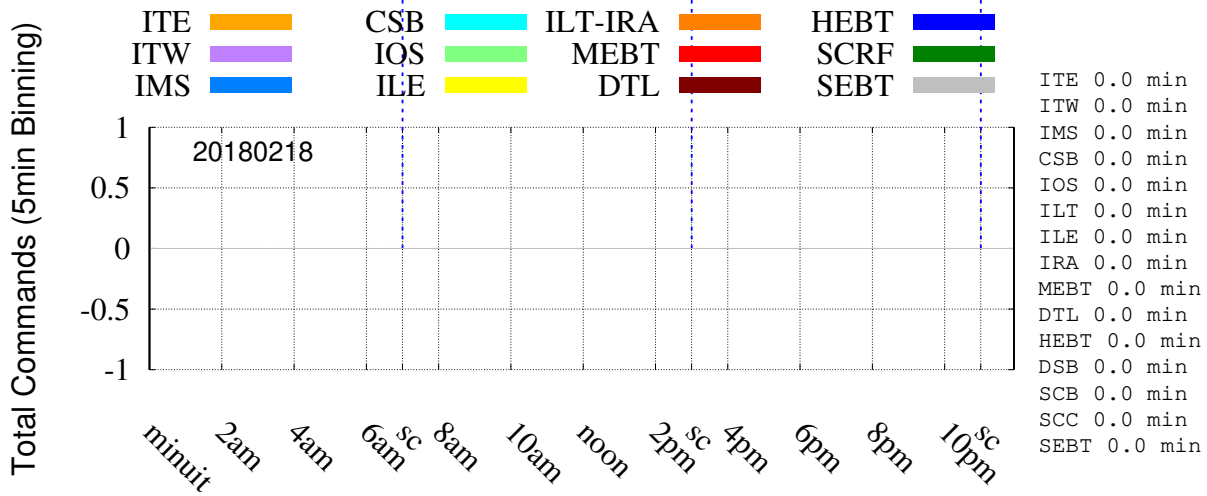


Total Commands (5min Binning)

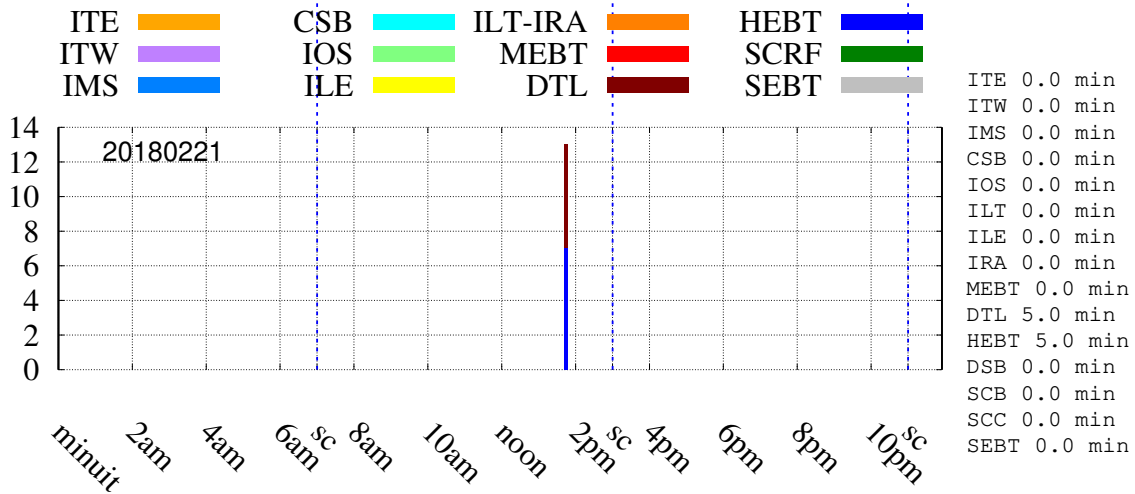


Total Commands (5min Binning)

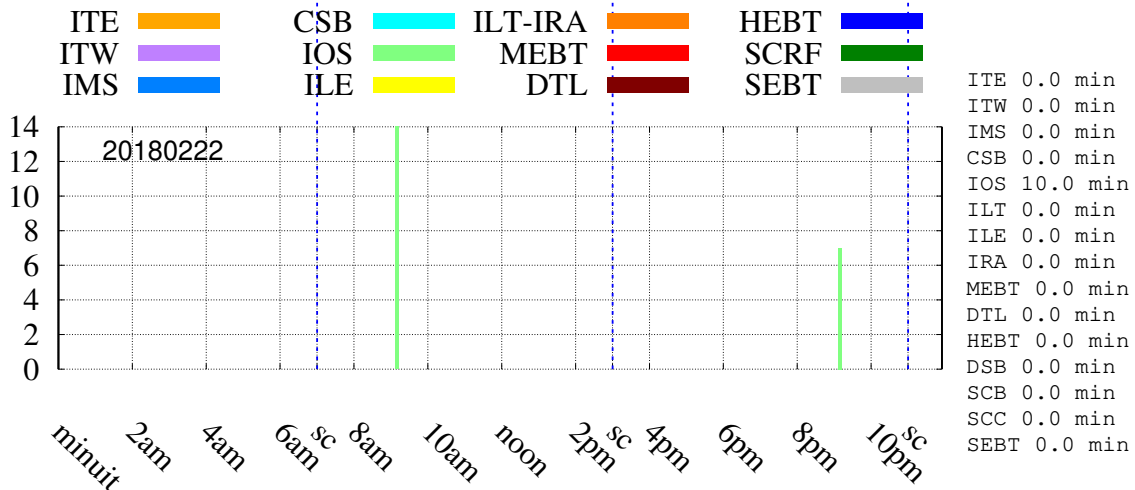




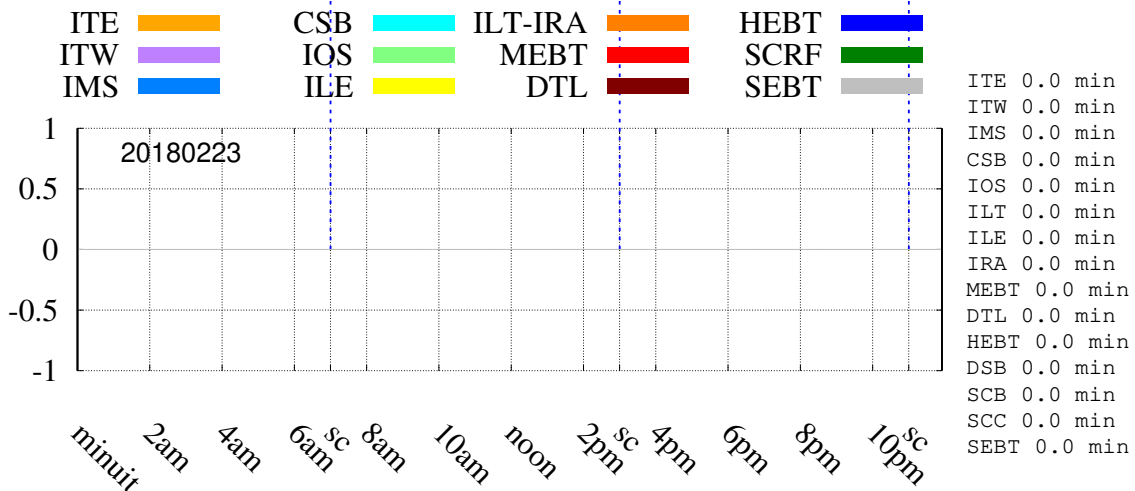
Total Commands (5min Binning)



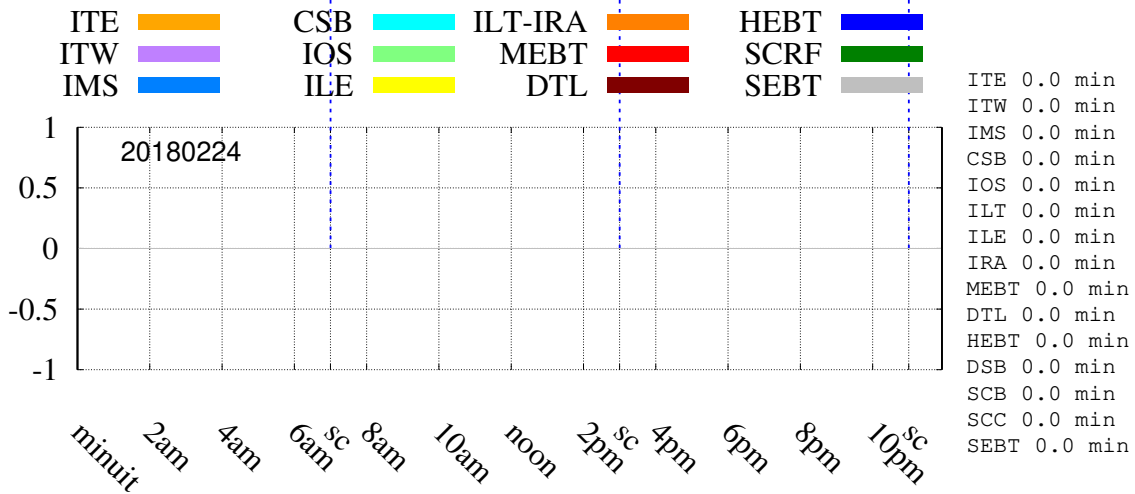
Total Commands (5min Binning)



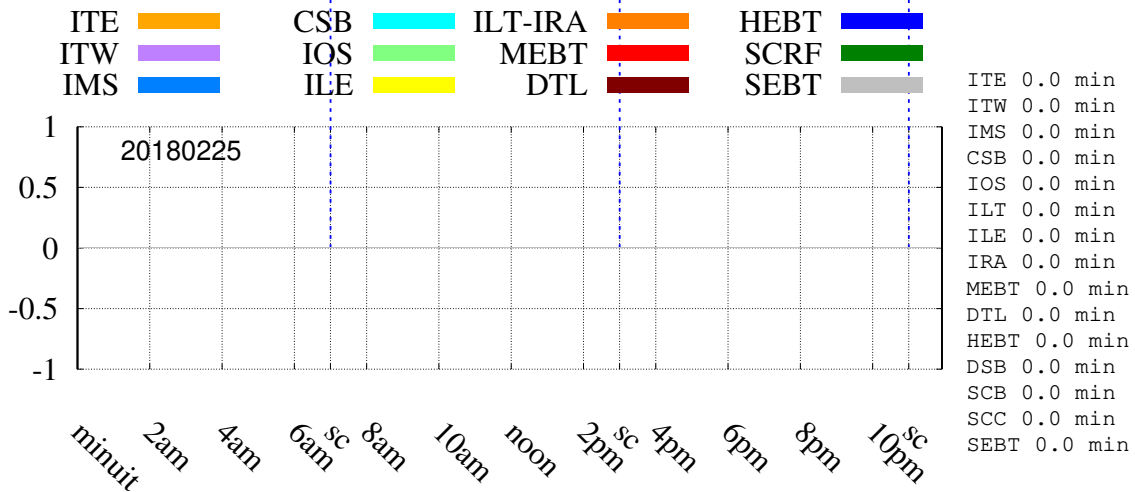
Total Commands (5min Binning)



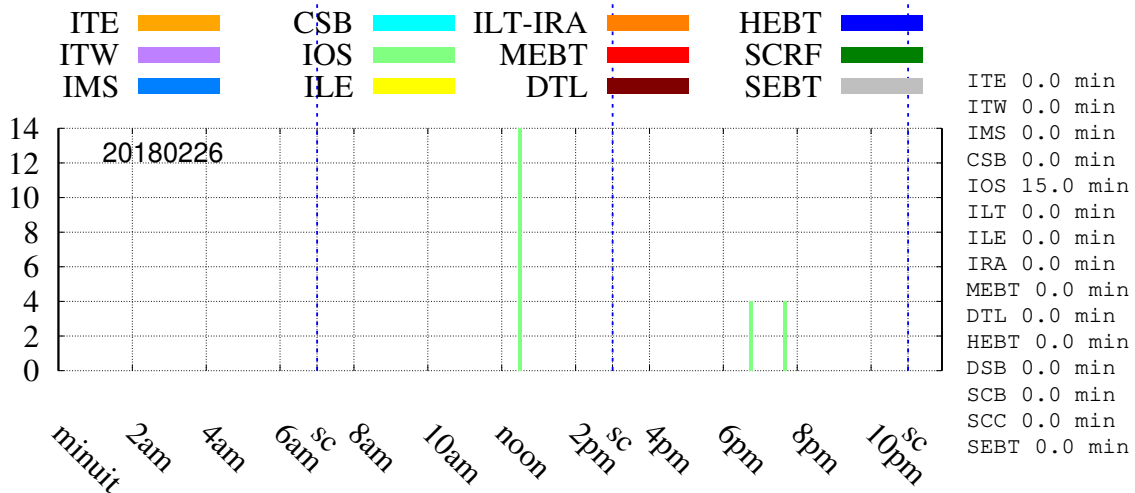
Total Commands (5min Binning)

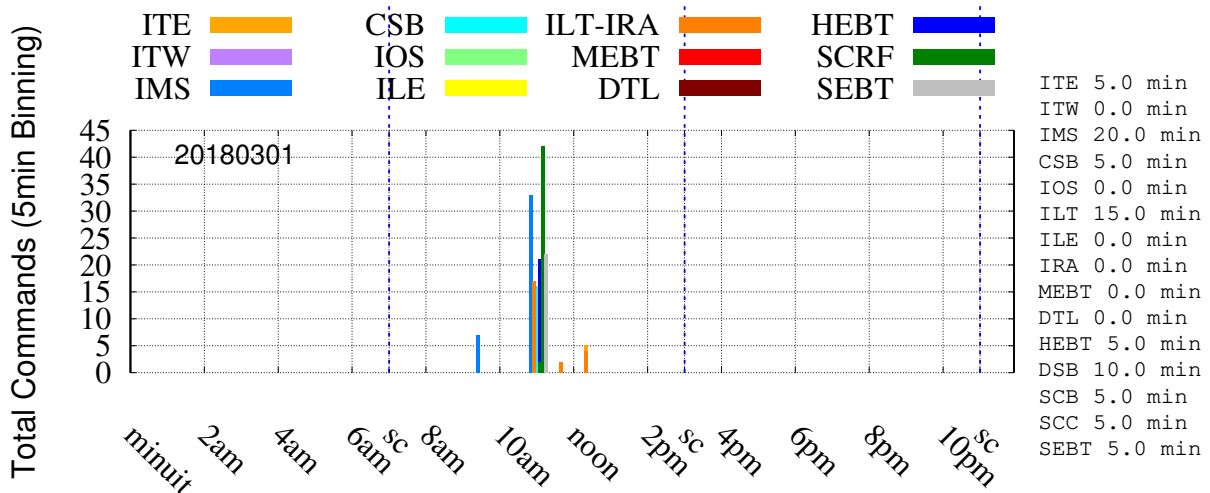
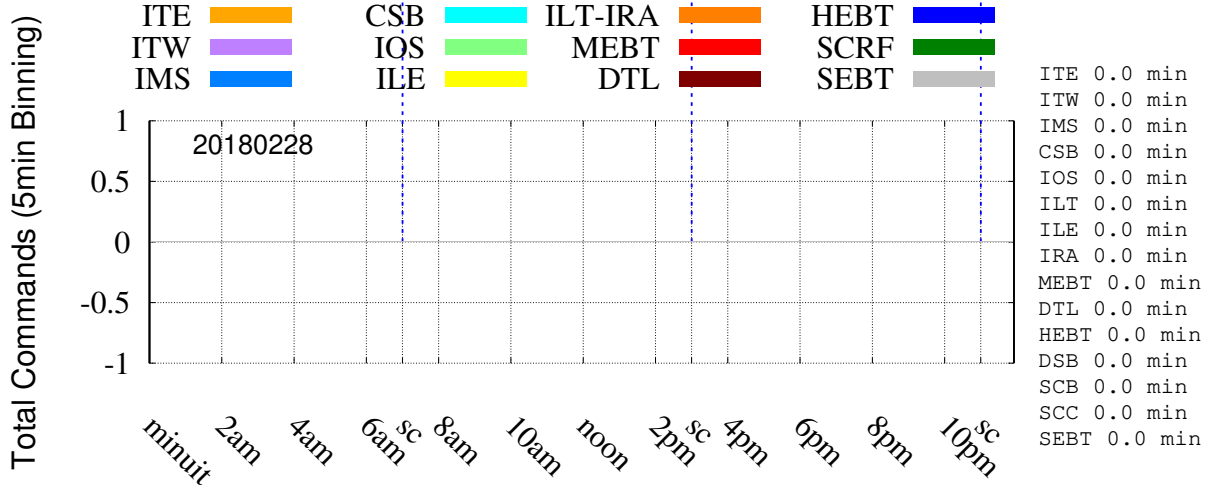
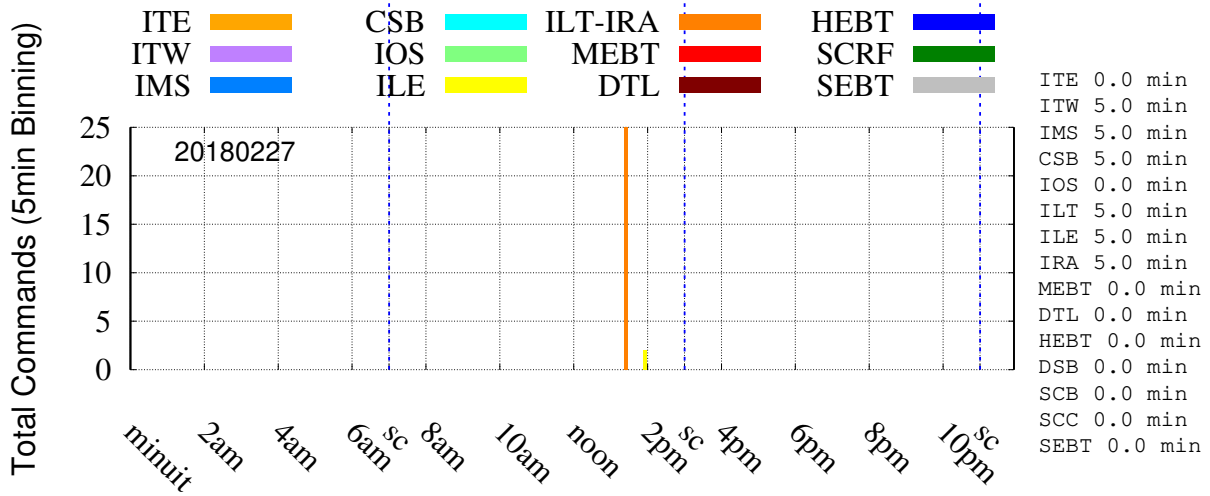


Total Commands (5min Binning)

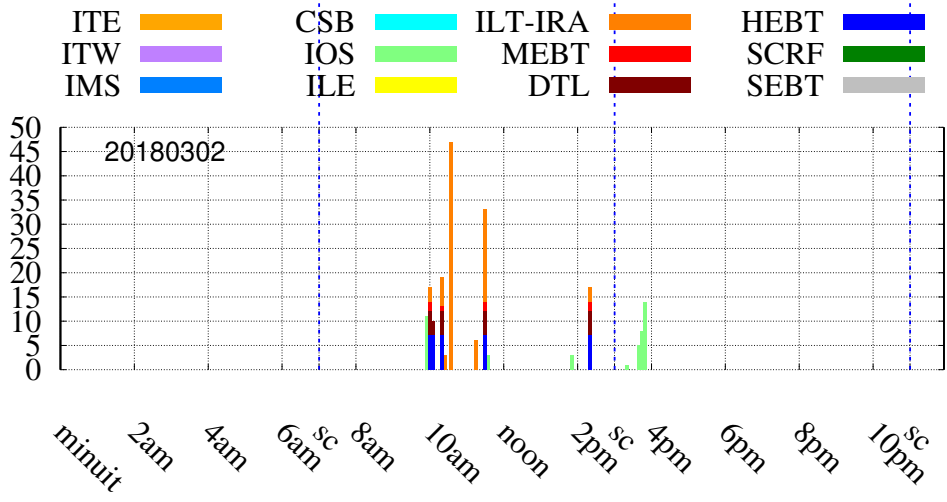


Total Commands (5min Binning)



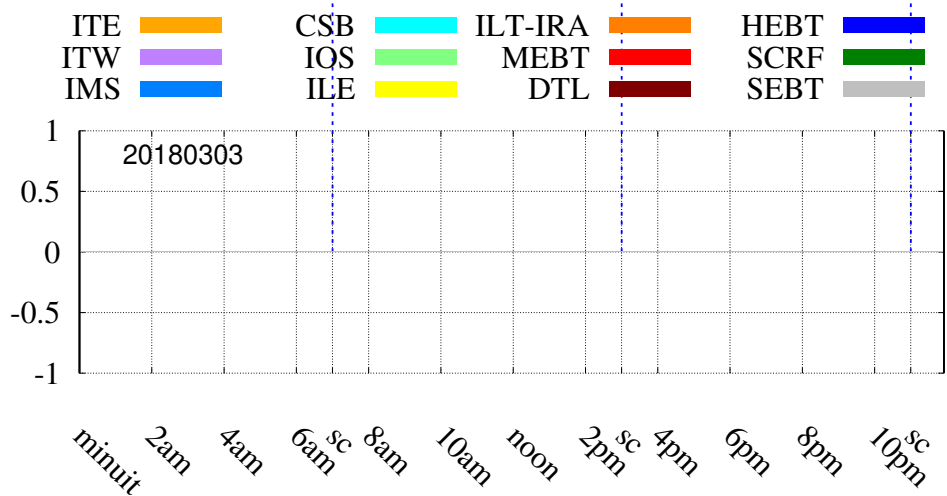


Total Commands (5min Binning)



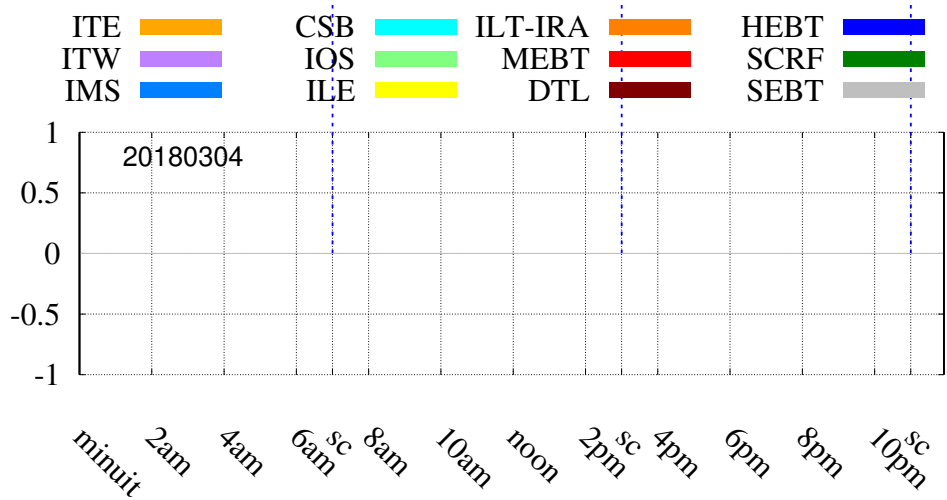
ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 65.0 min
 ILT 40.0 min
 ILE 0.0 min
 IRA 35.0 min
 MEBT 20.0 min
 DTL 25.0 min
 HEBT 25.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



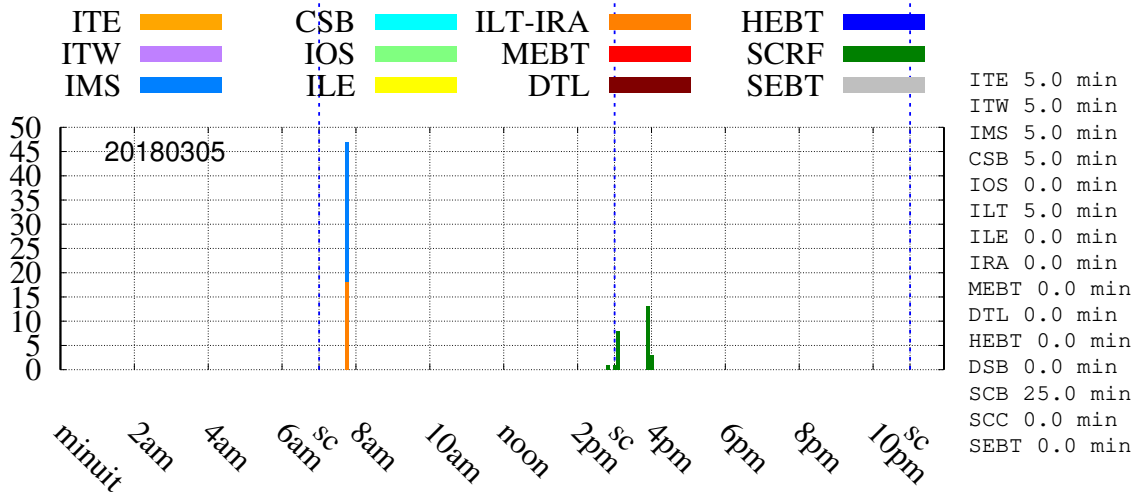
ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 0.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)

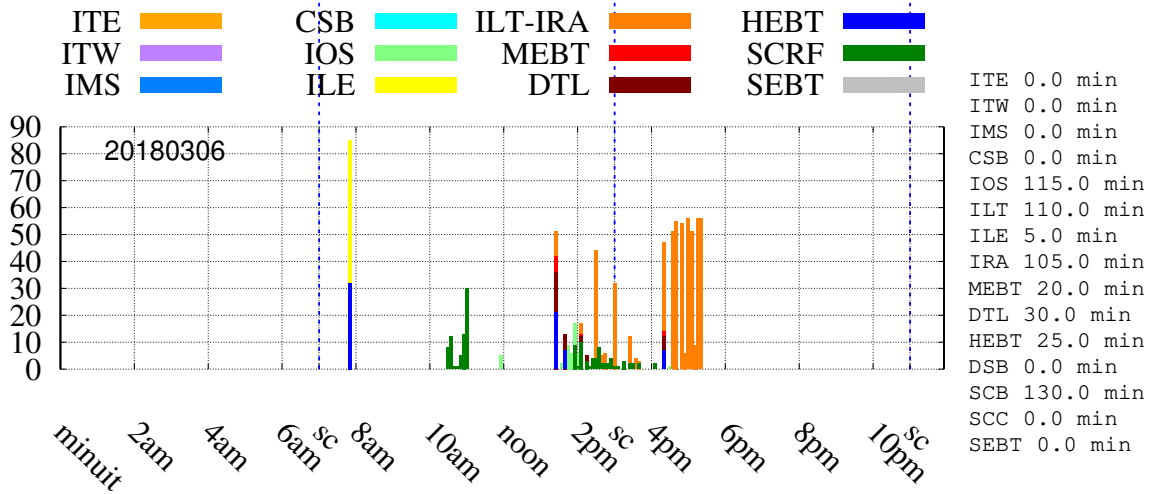


ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 0.0 min
 ILE 0.0 min
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 MEBT 0.0 min
 DTL 0.0 min
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 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

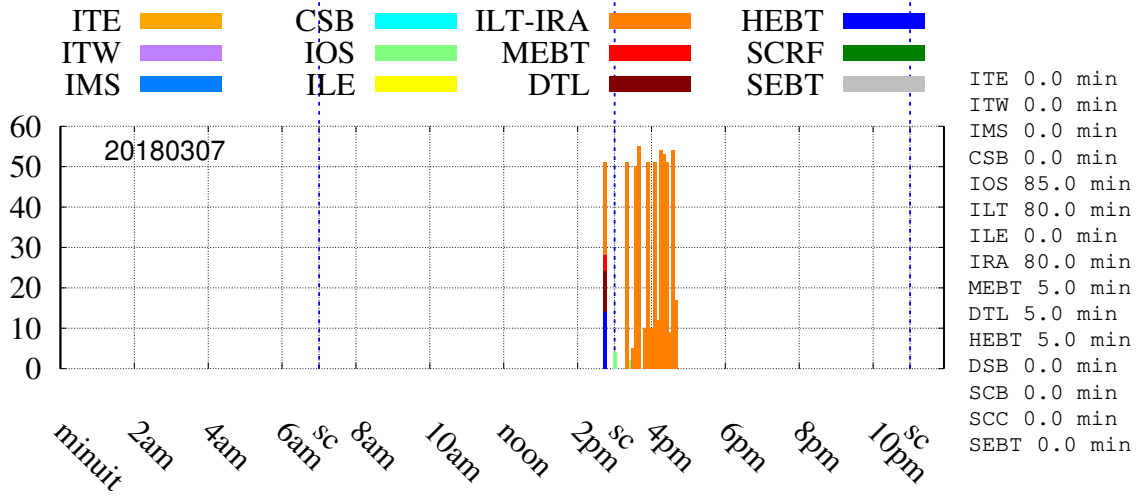
Total Commands (5min Binning)



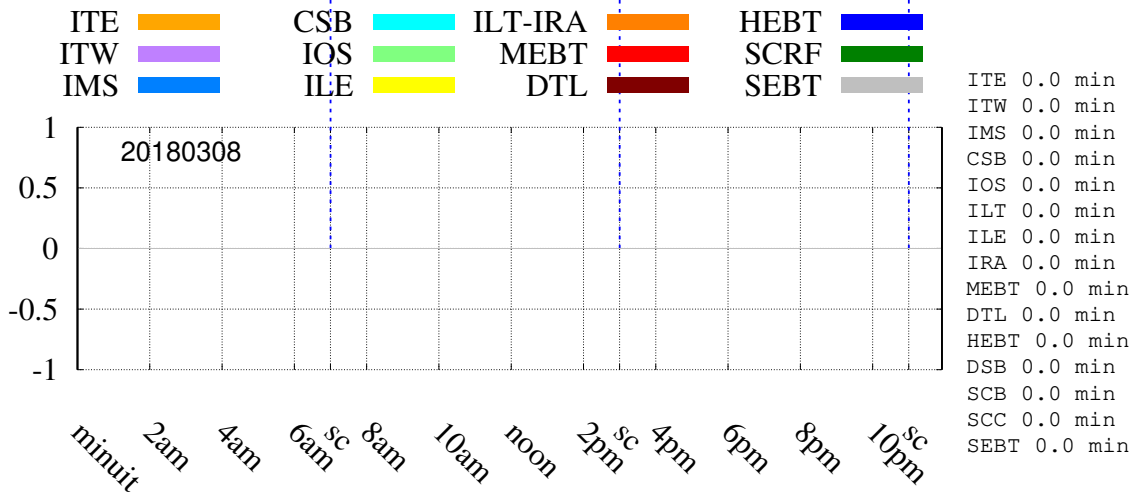
Total Commands (5min Binning)



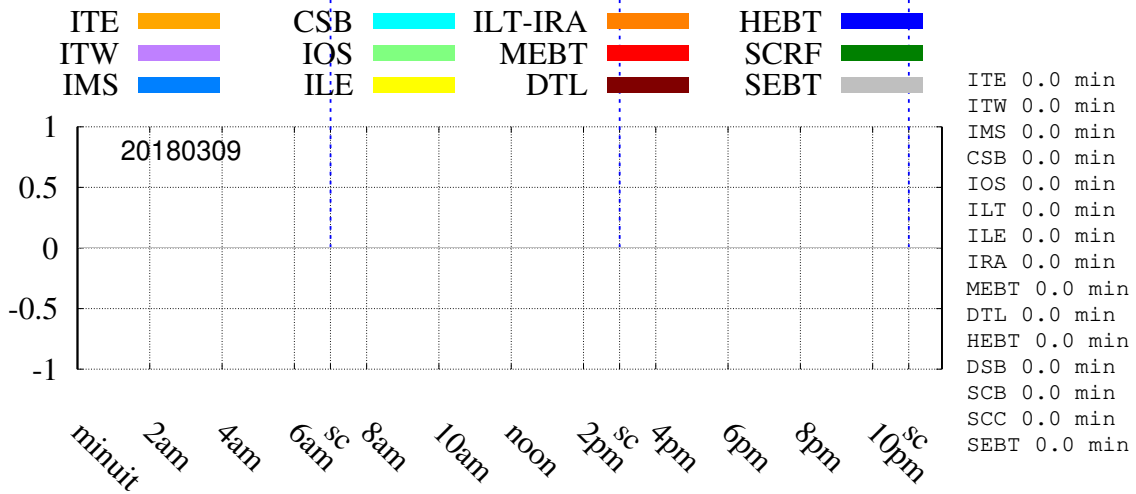
Total Commands (5min Binning)



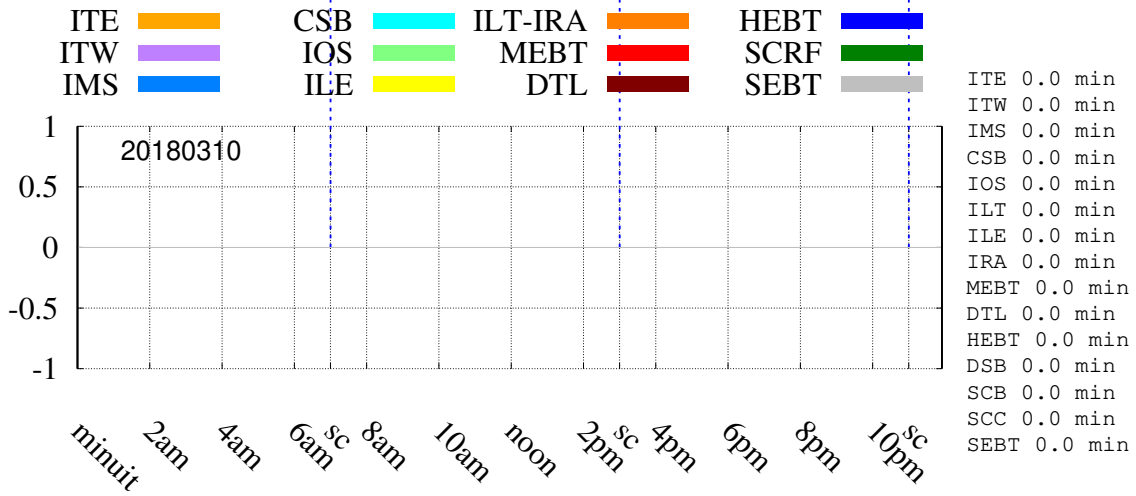
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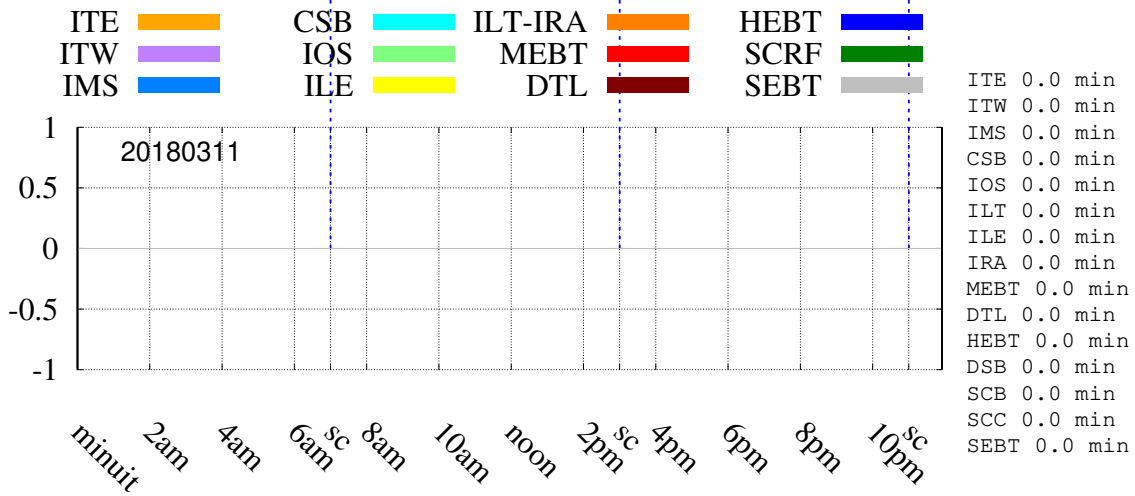
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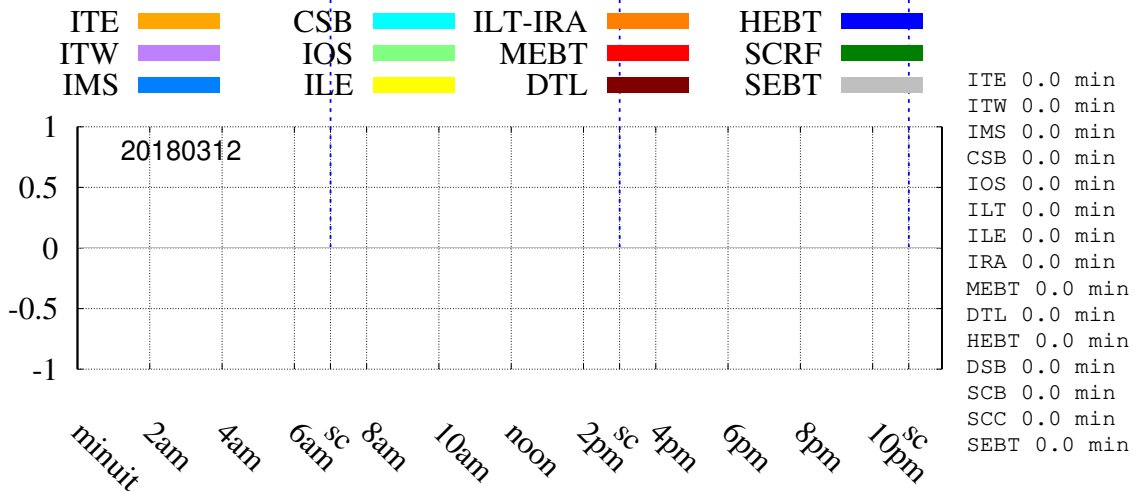
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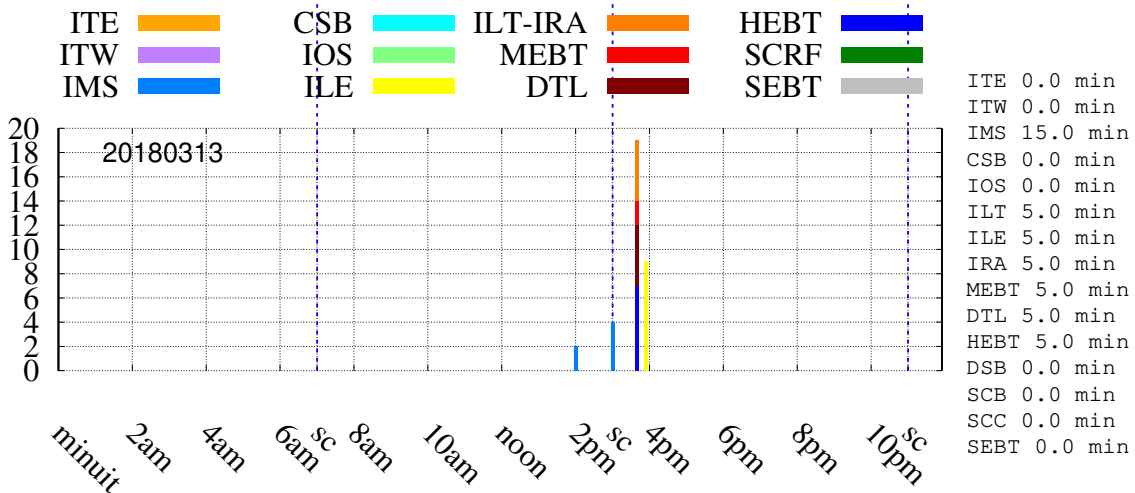
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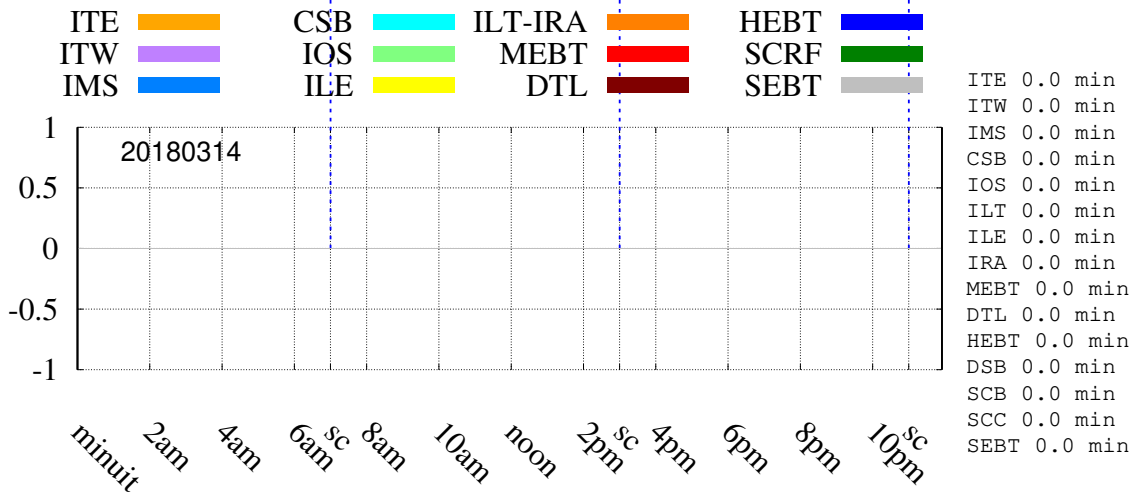
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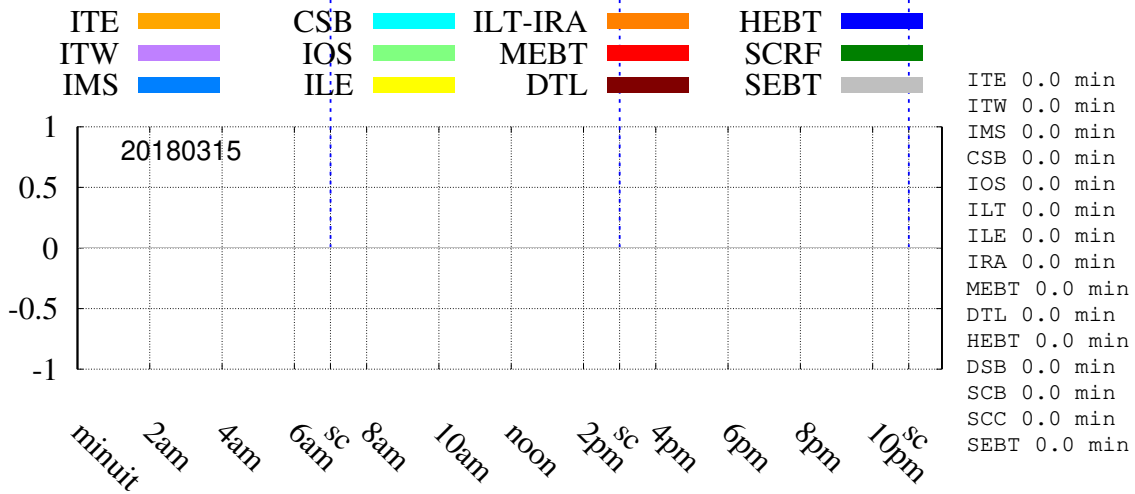
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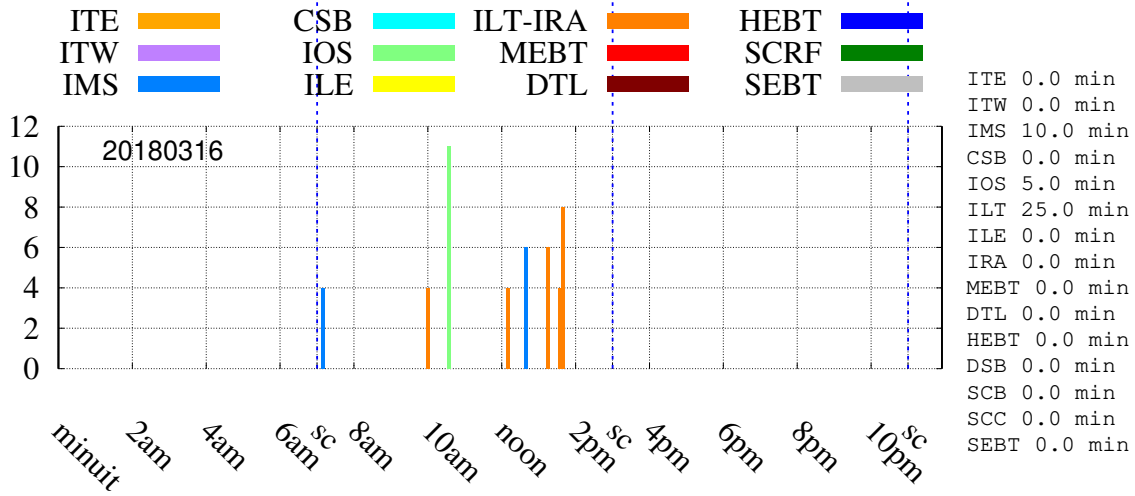
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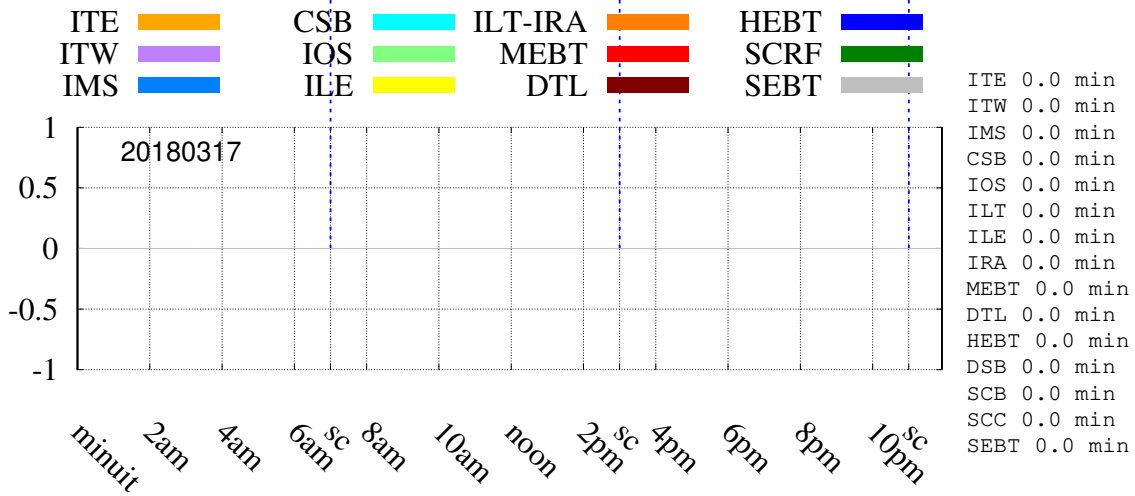
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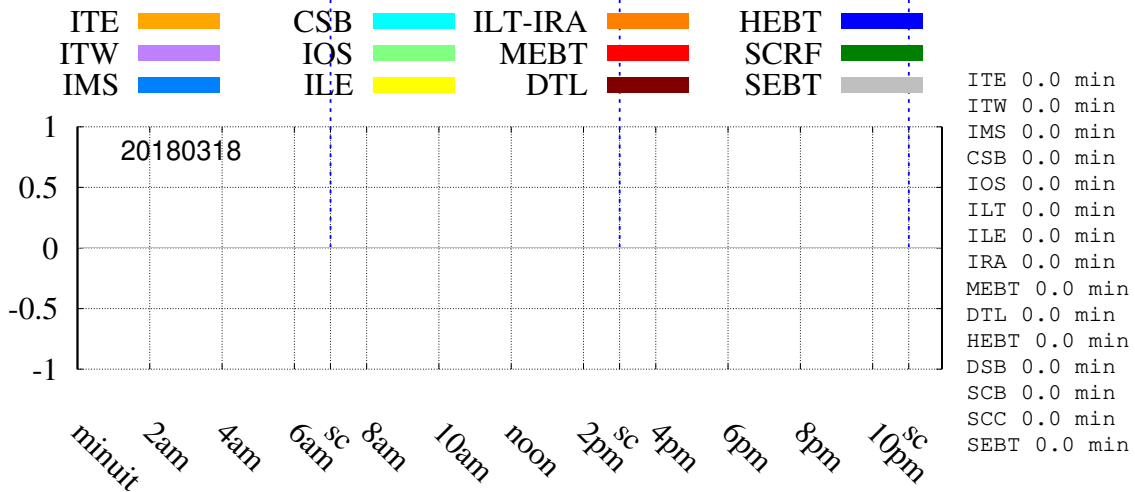
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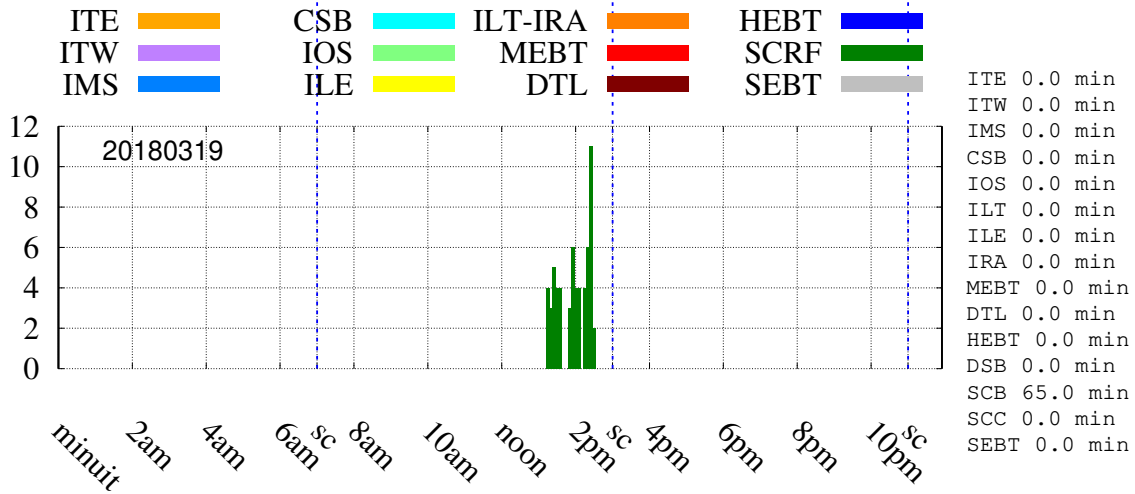
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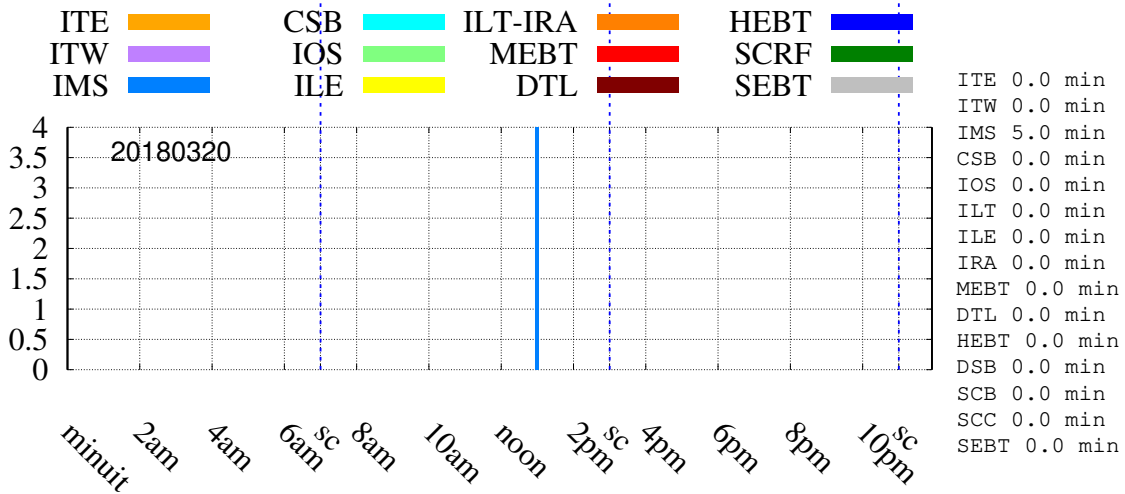
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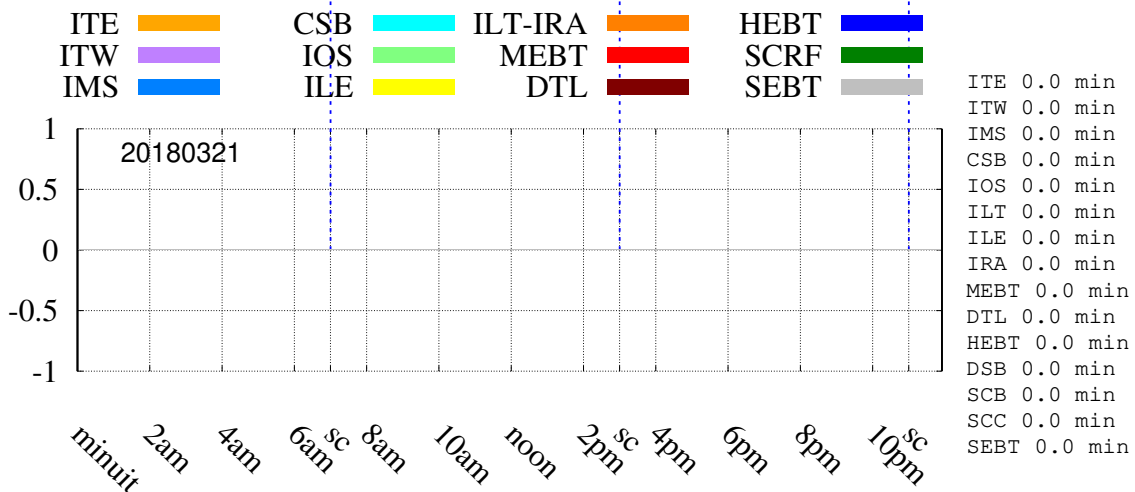
Total Commands (5min Binning)



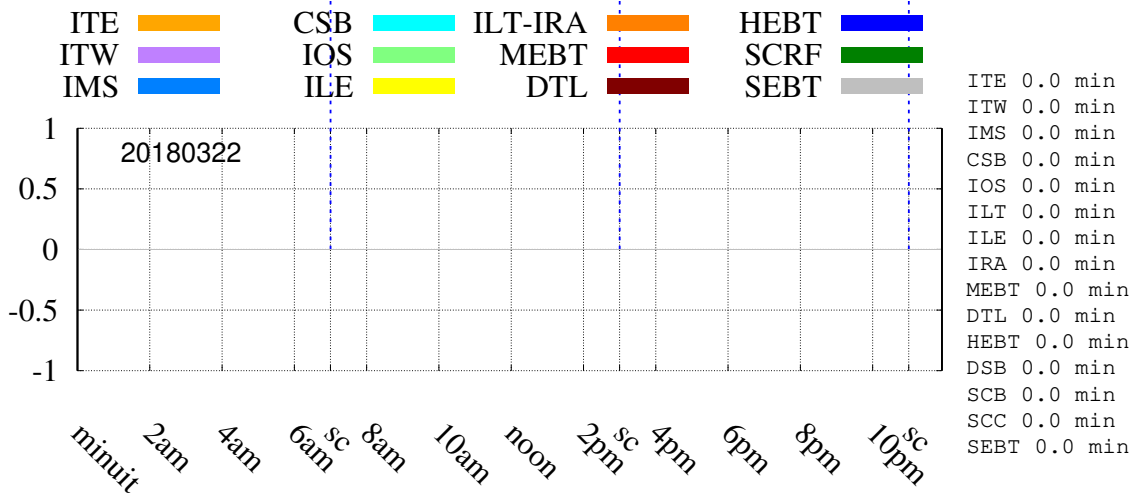
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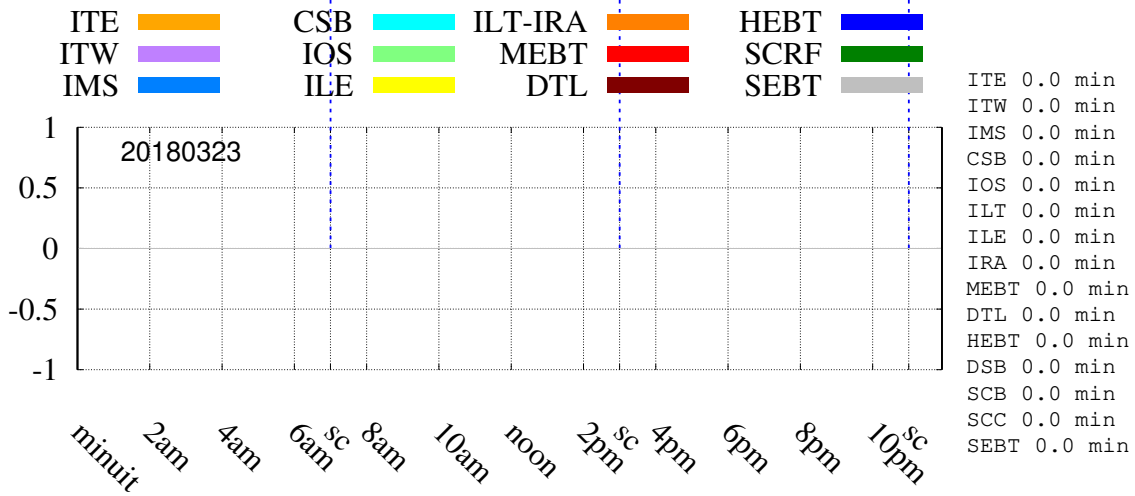
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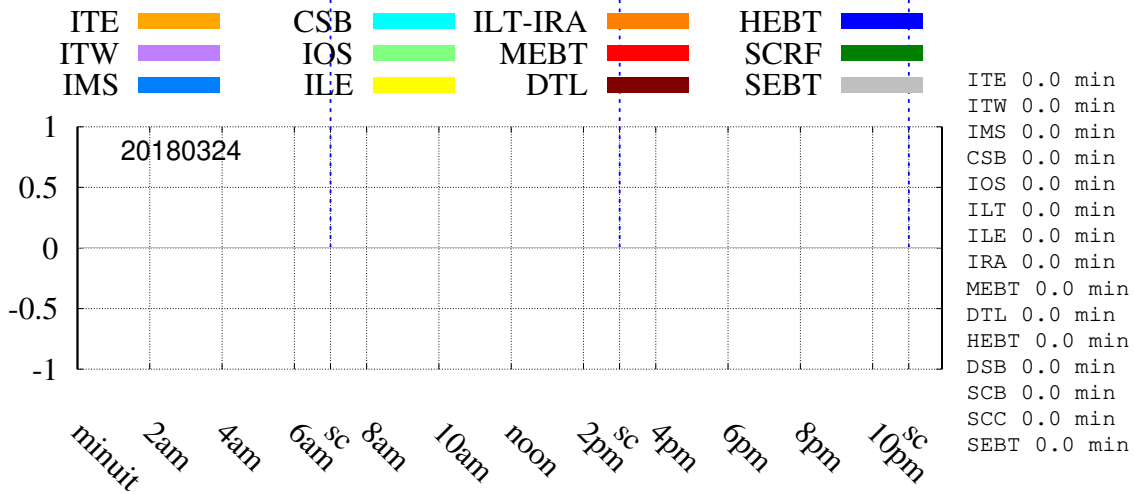
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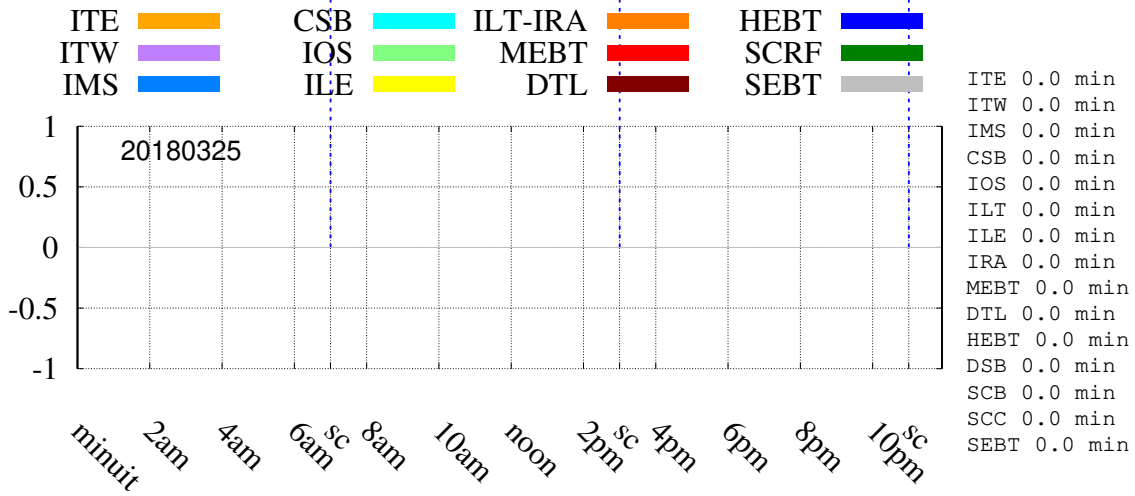
Total Commands (5min Binning)



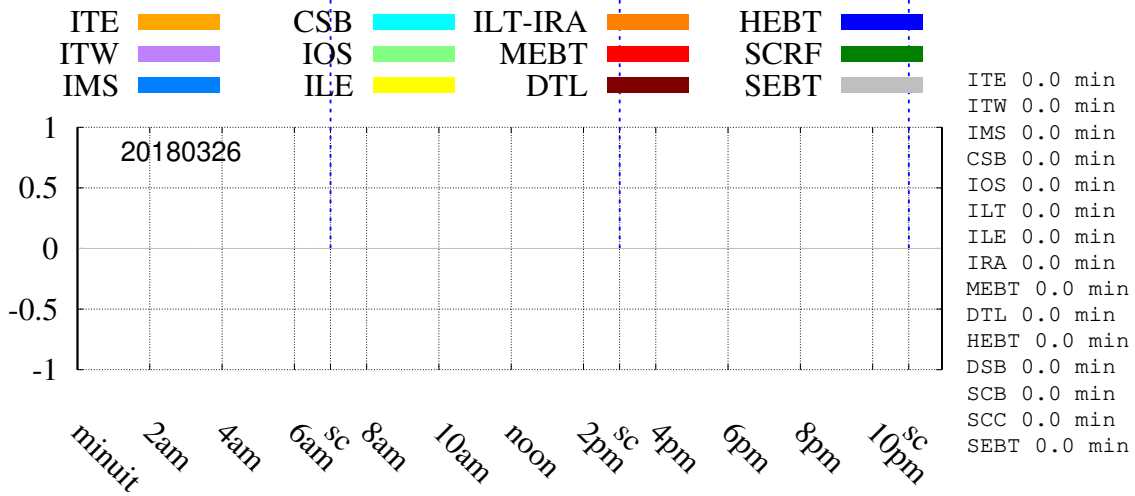
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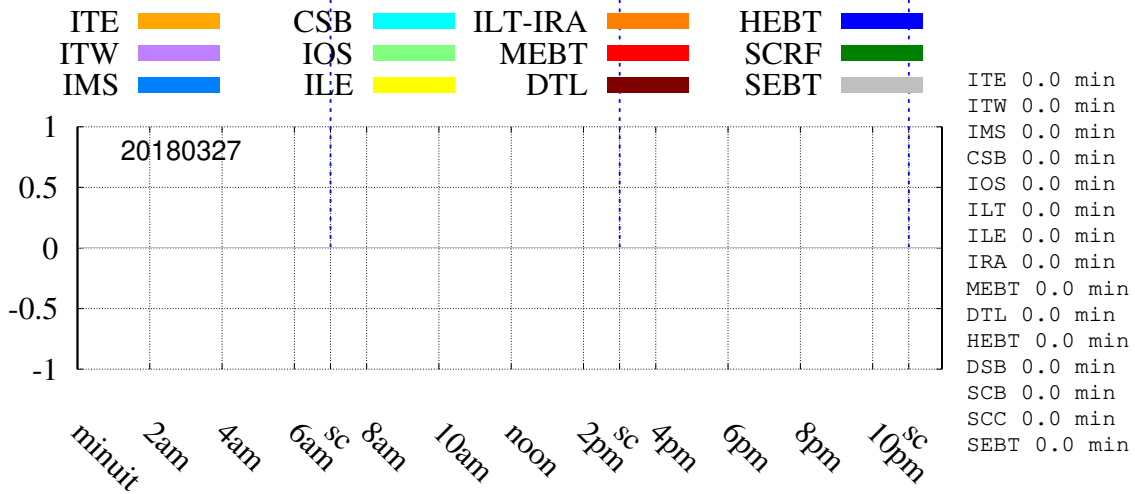
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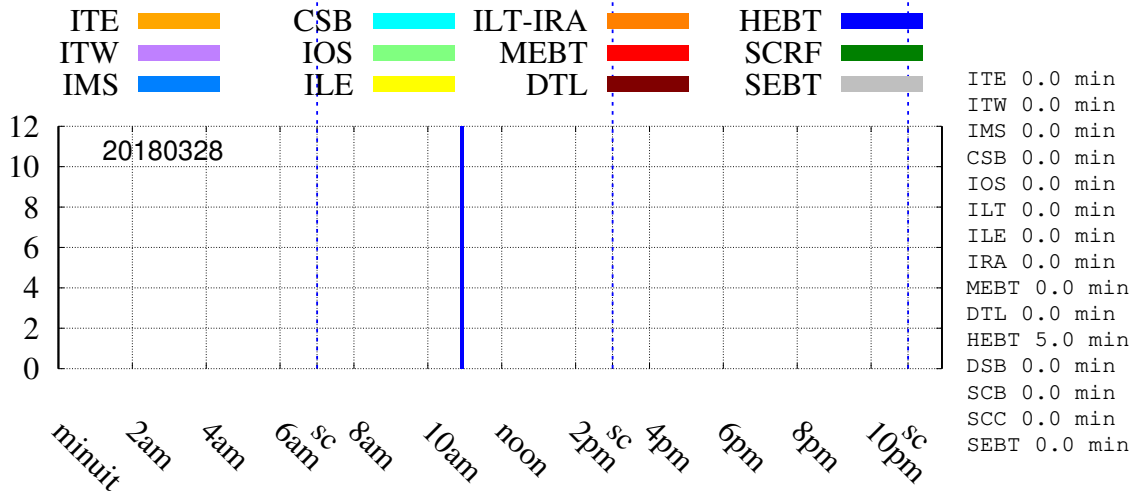
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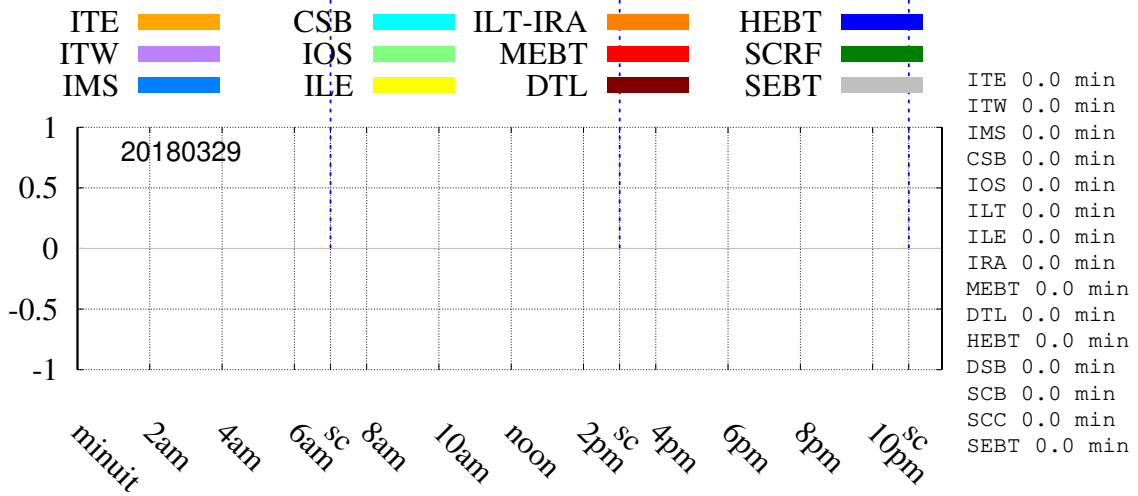
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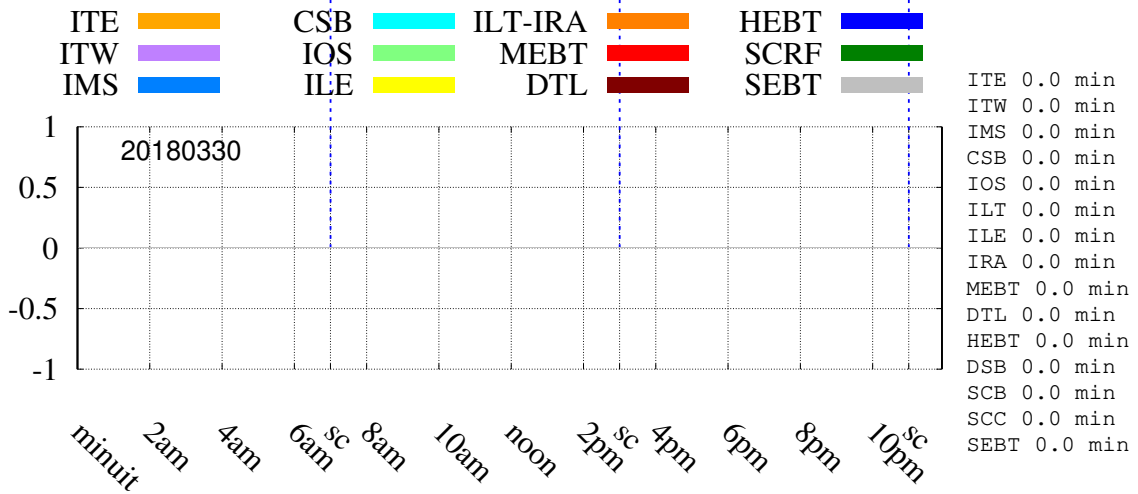
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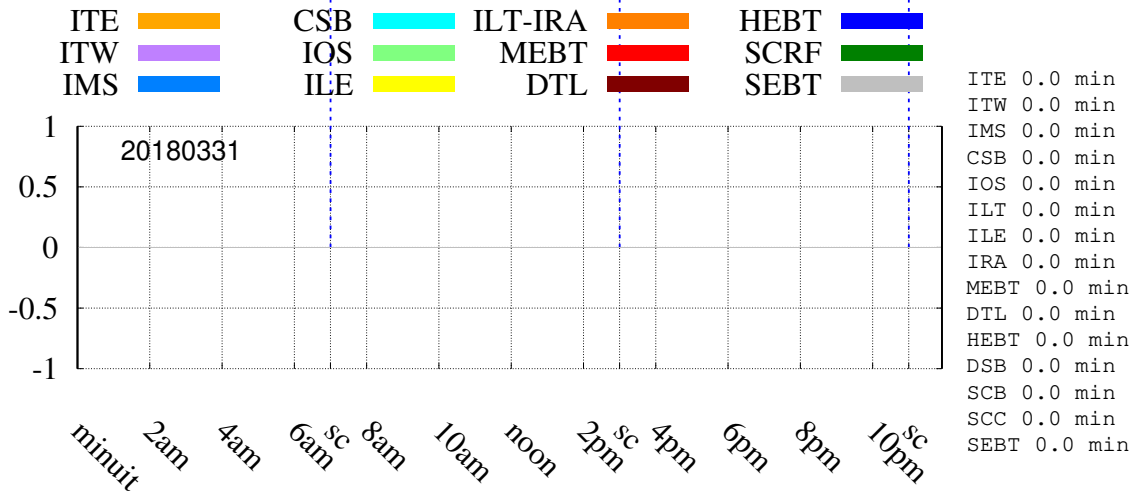
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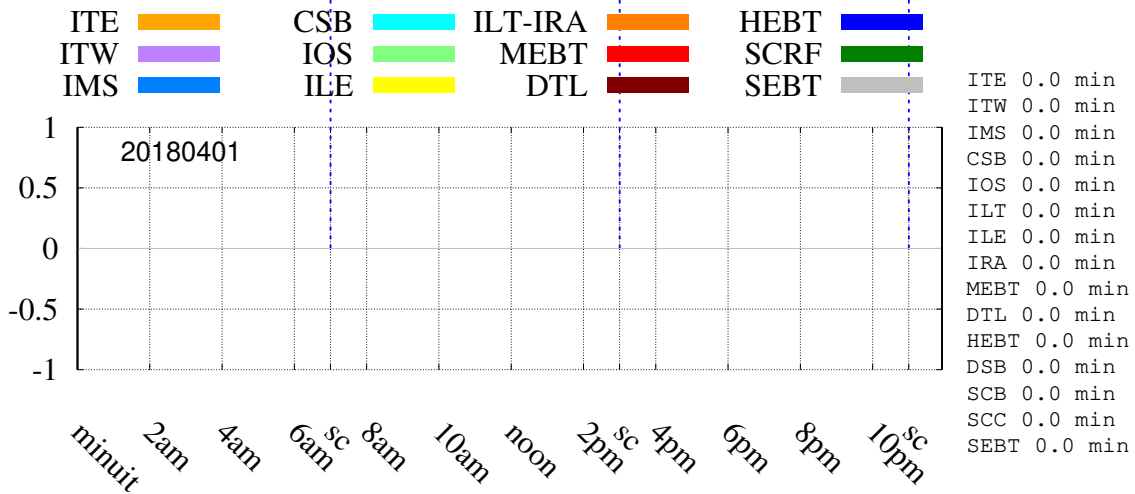
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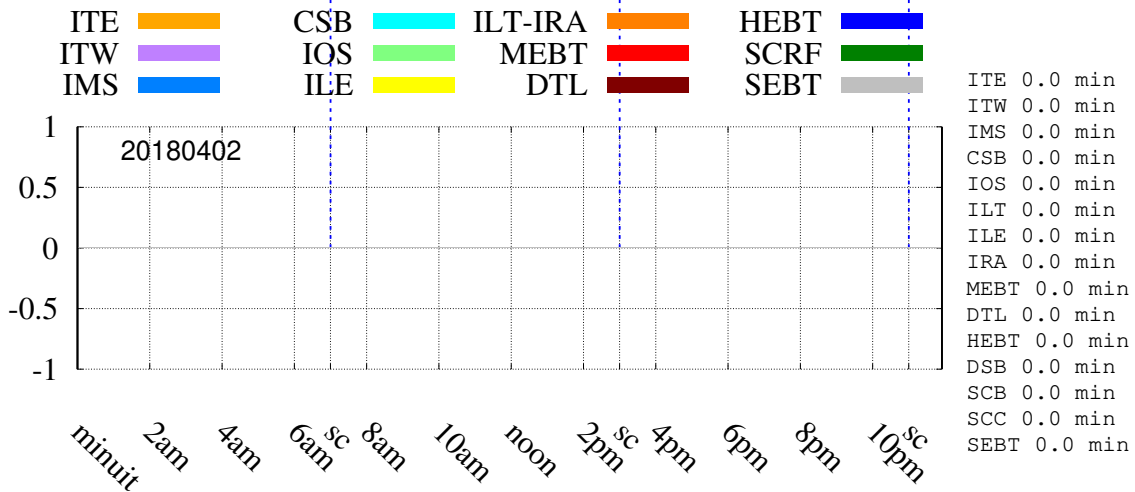
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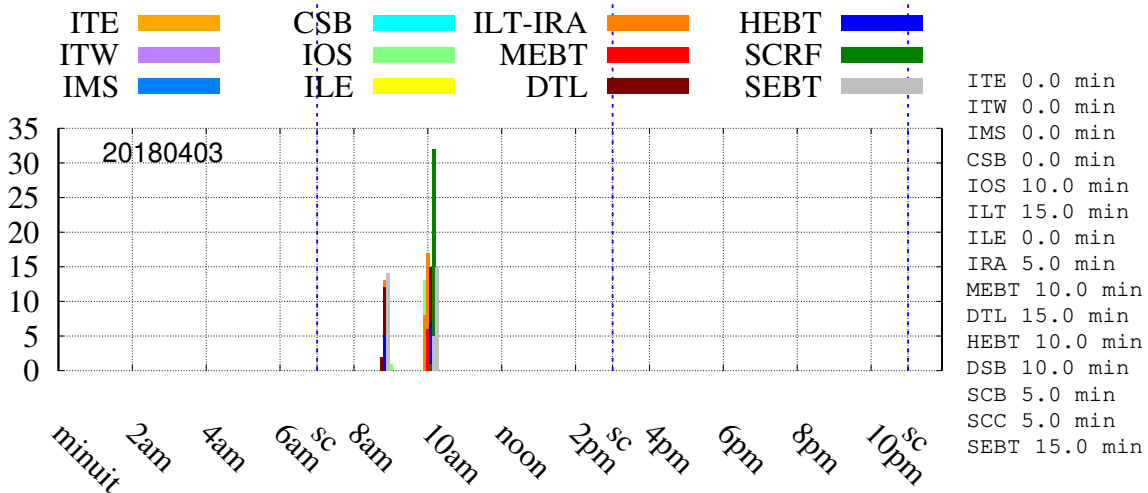
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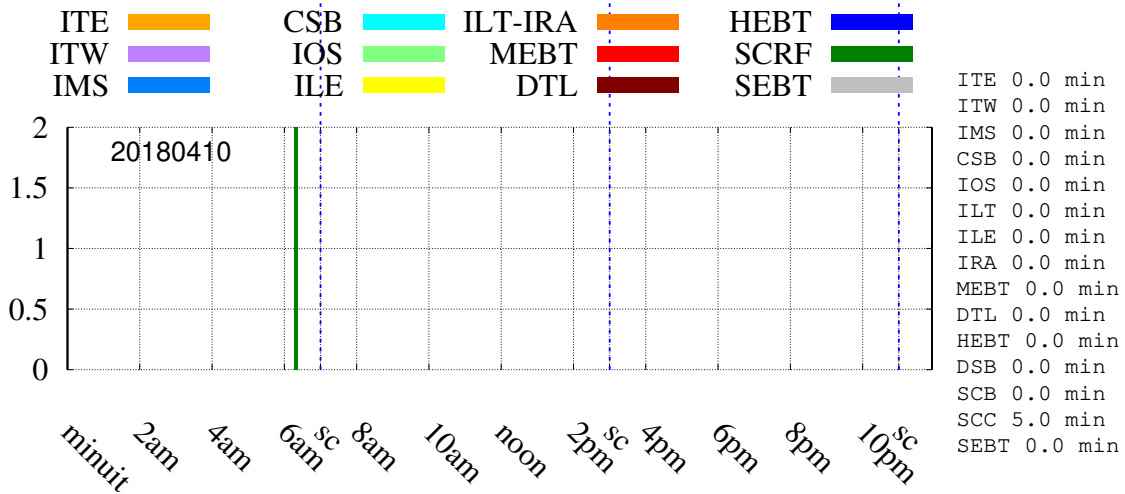
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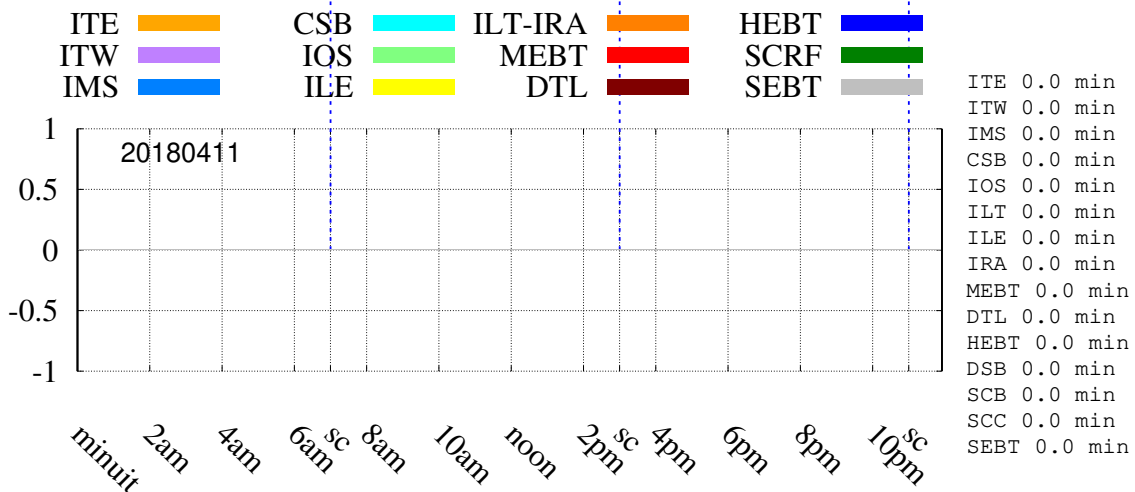
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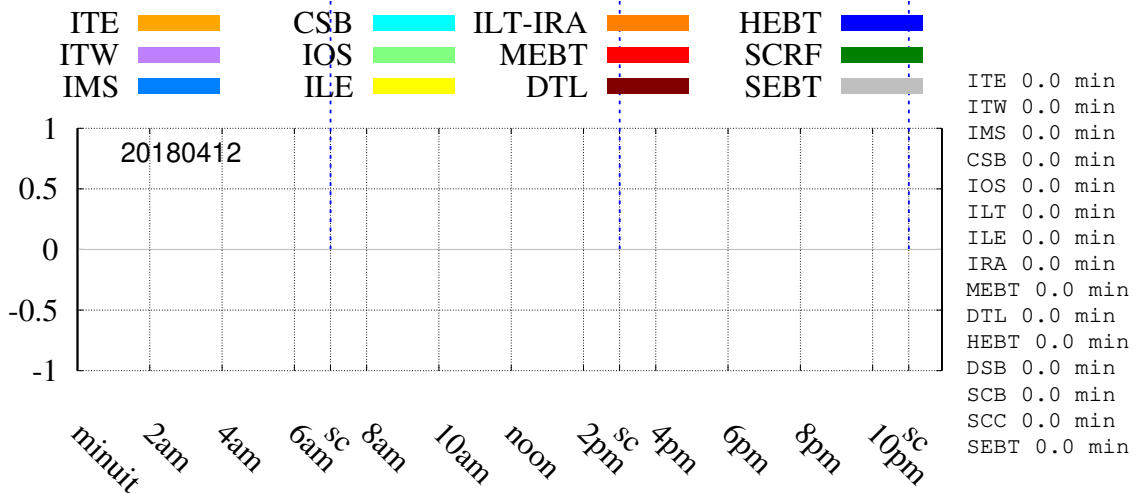
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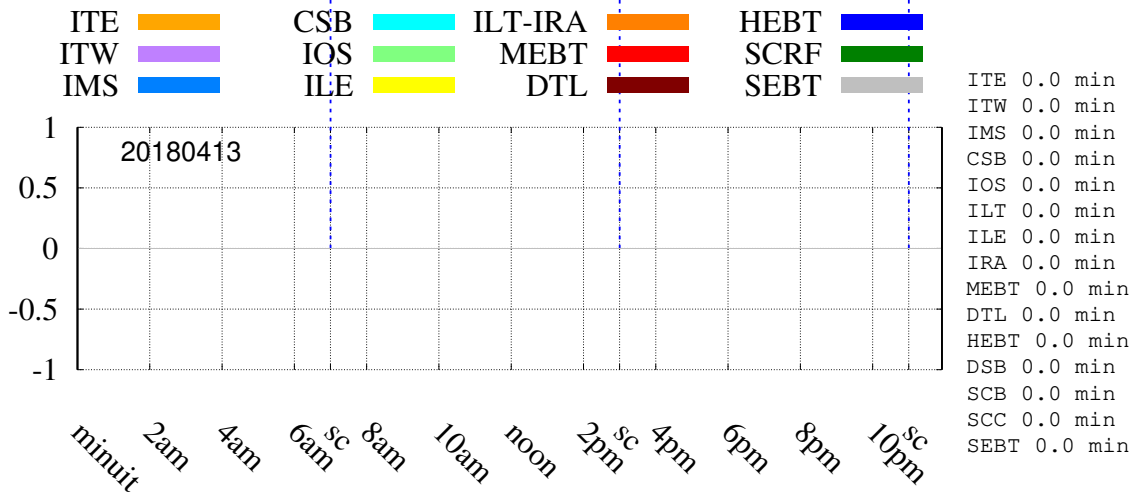
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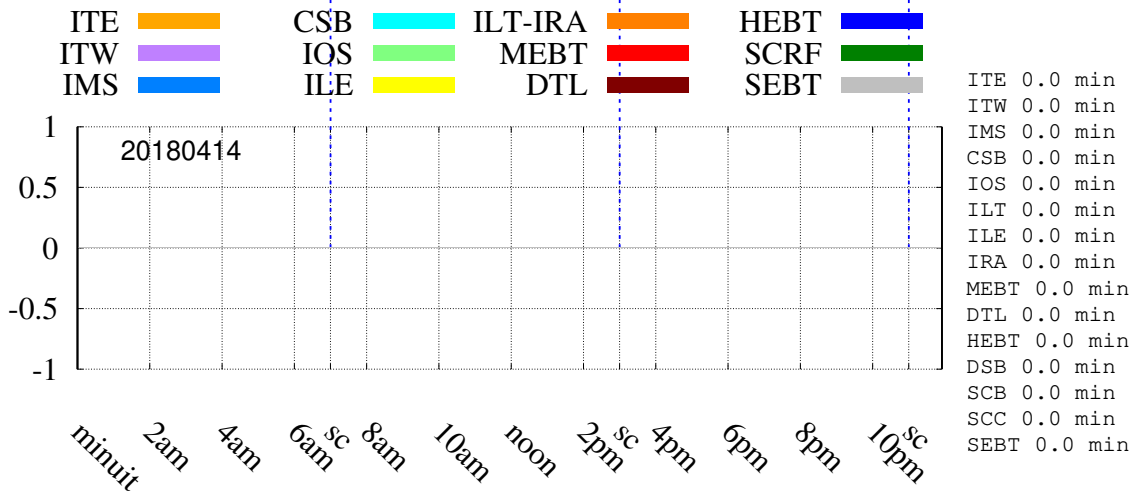
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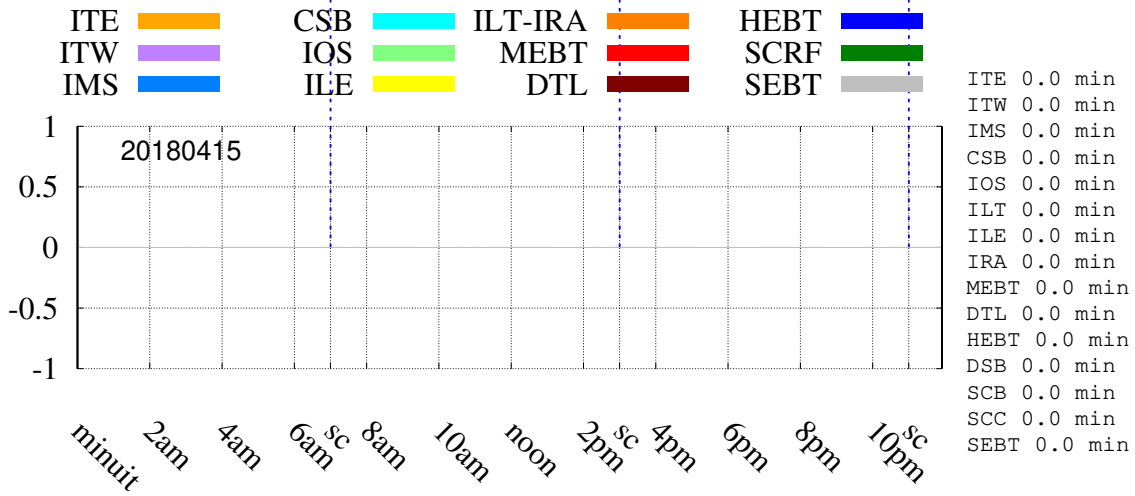
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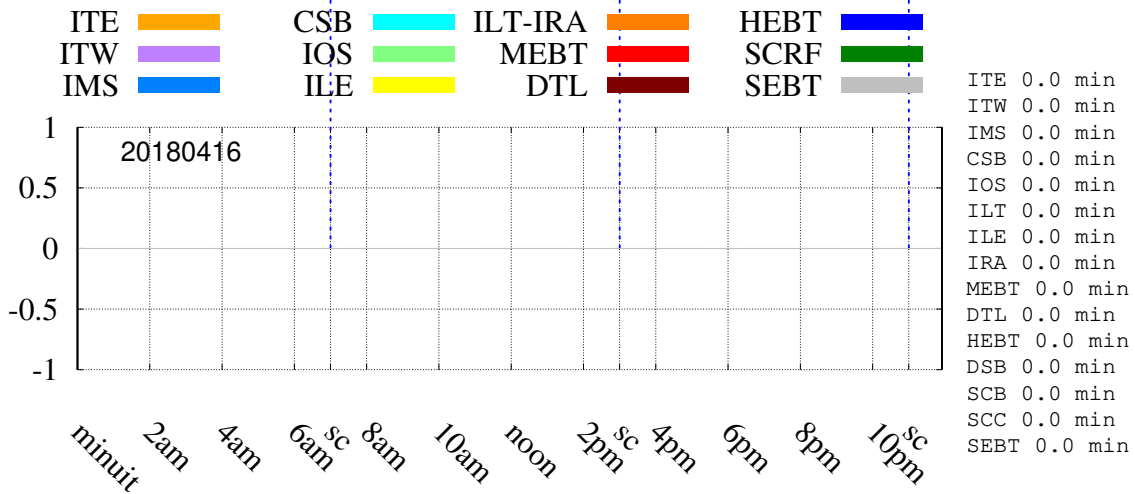
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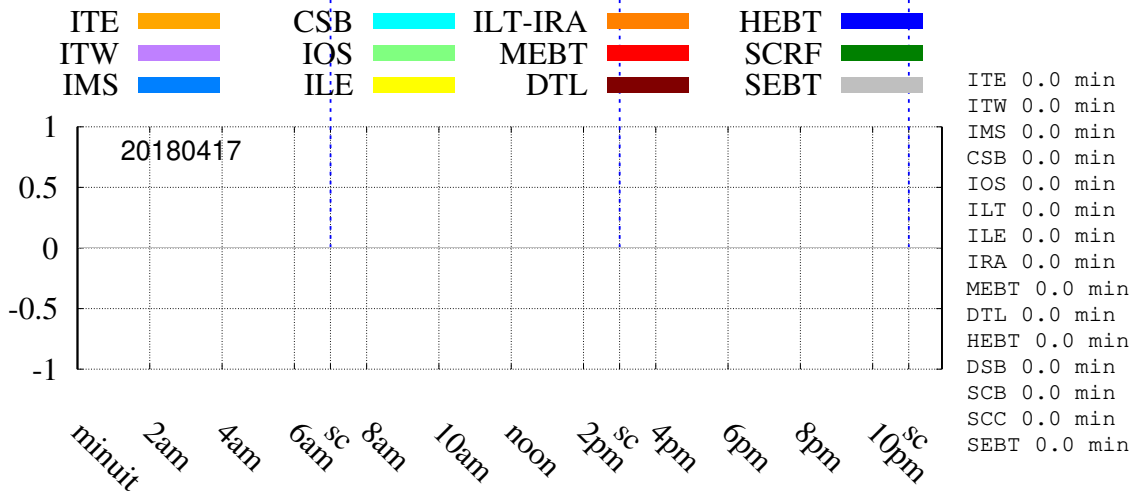
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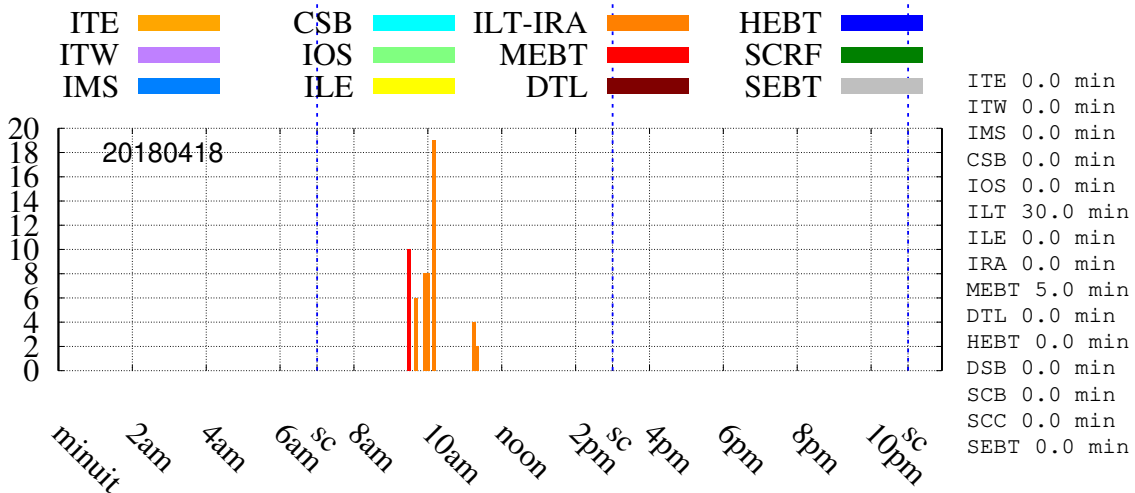
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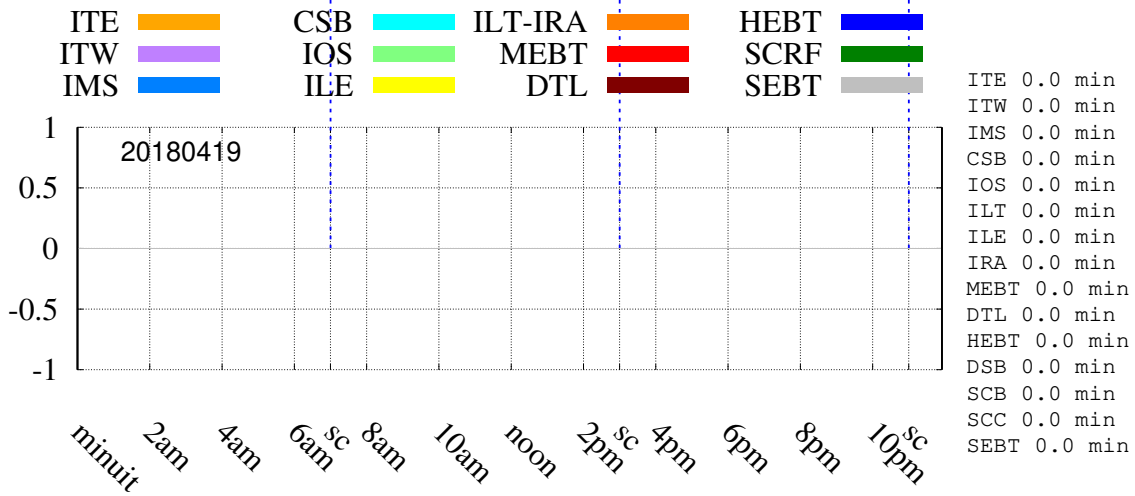
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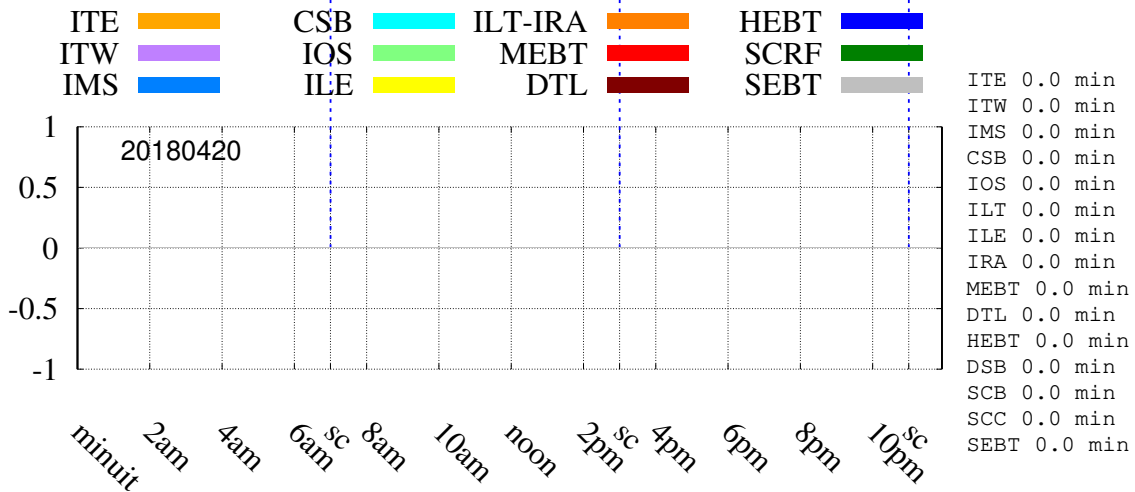
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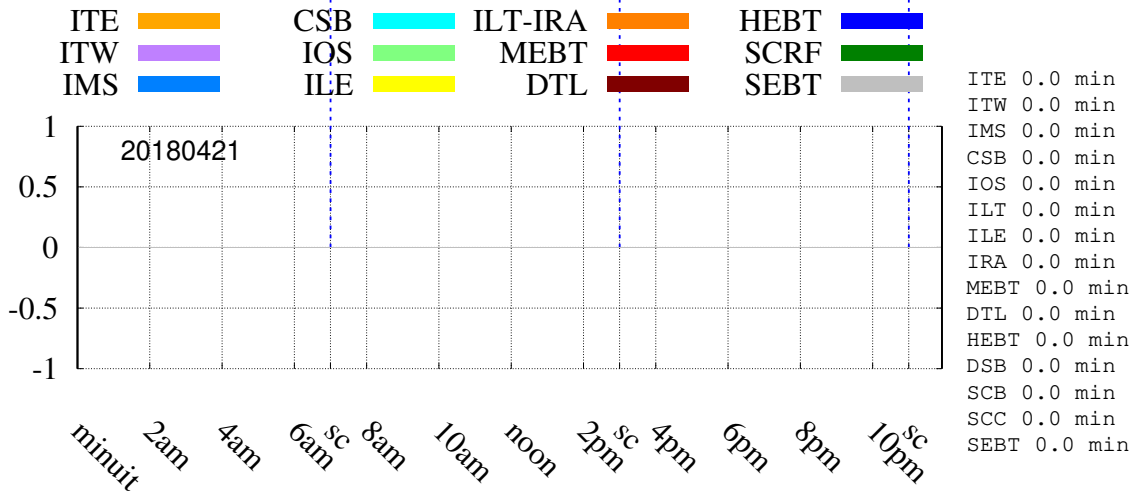
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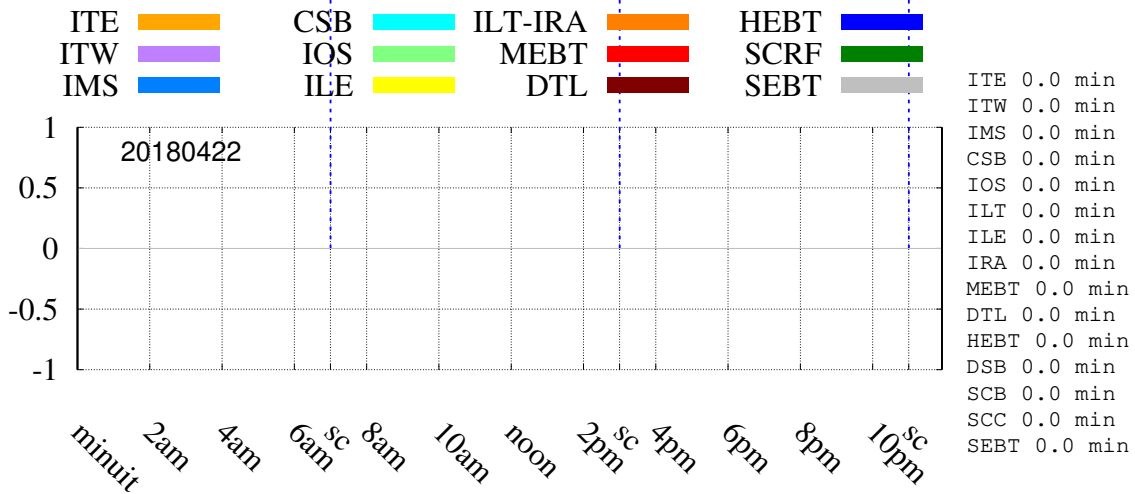
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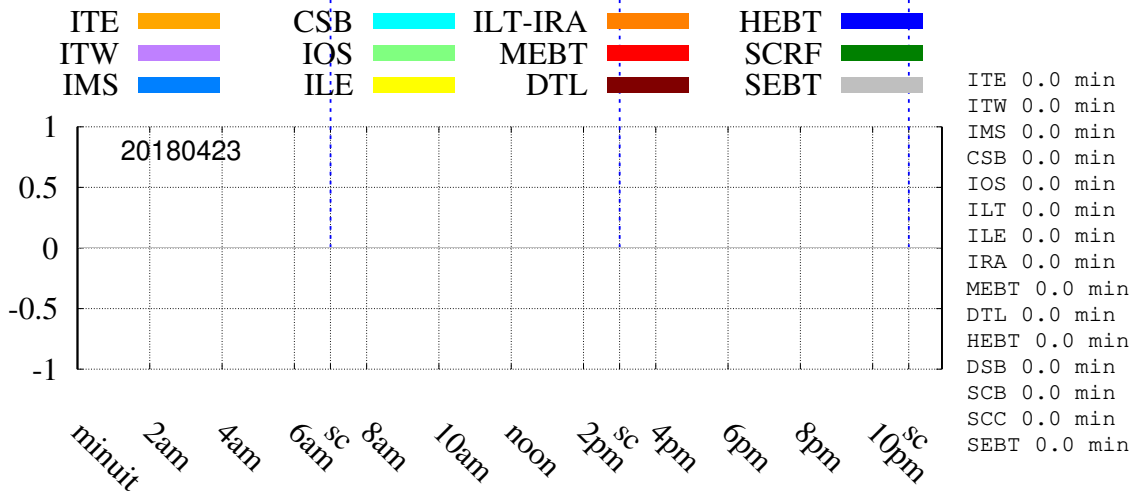
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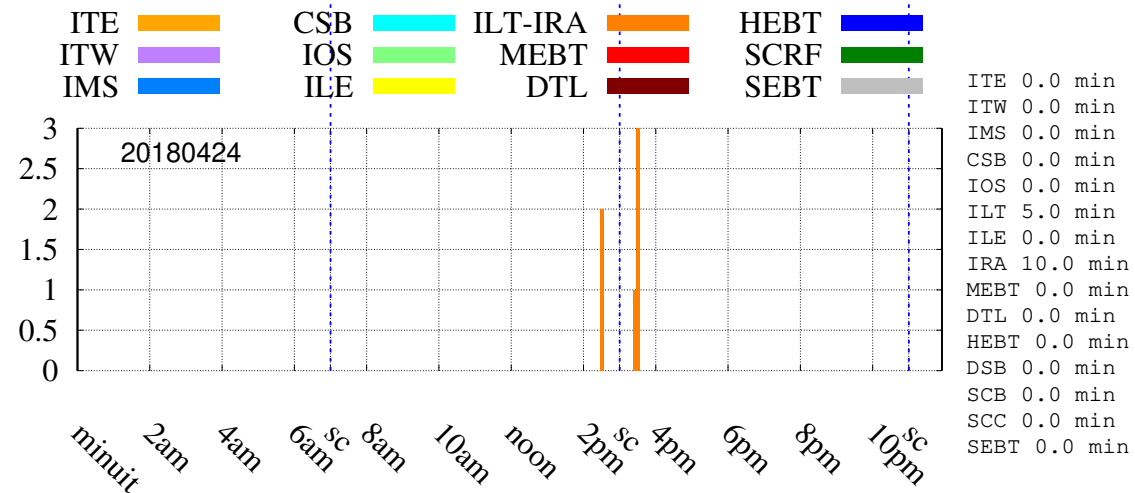
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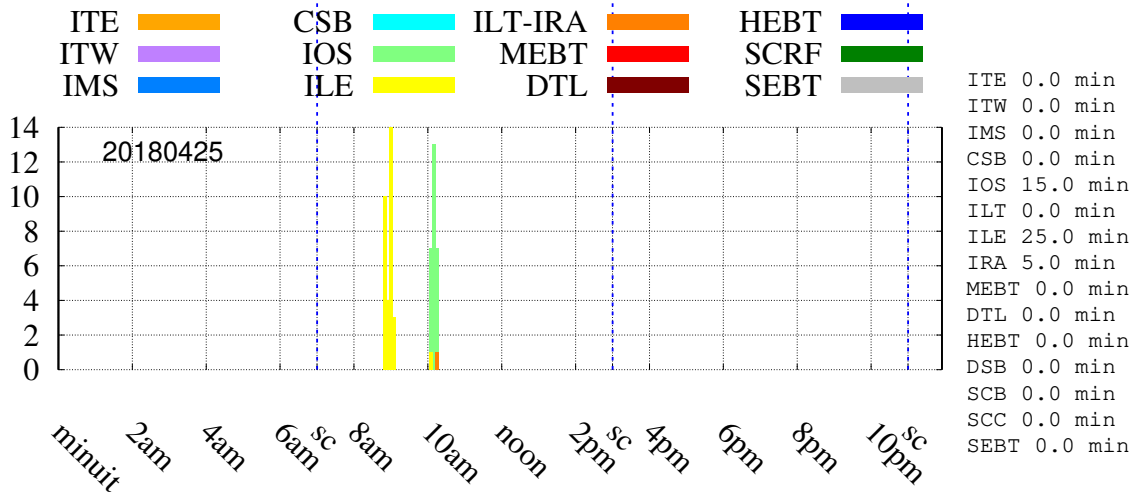
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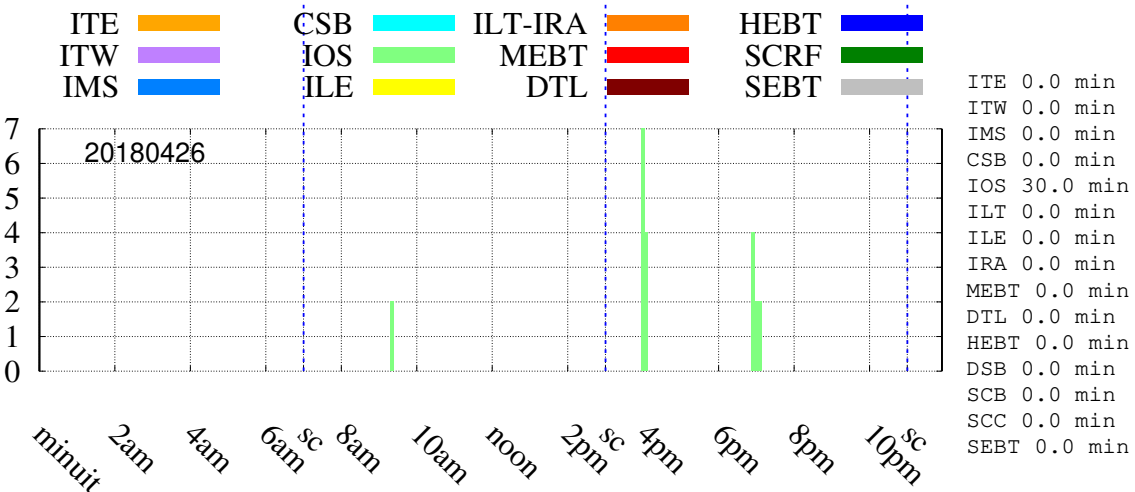
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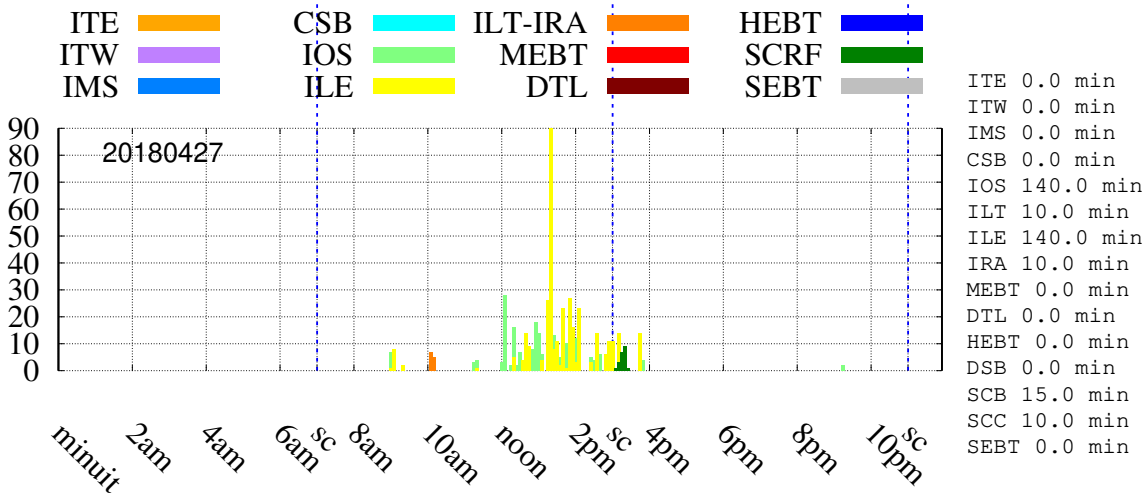
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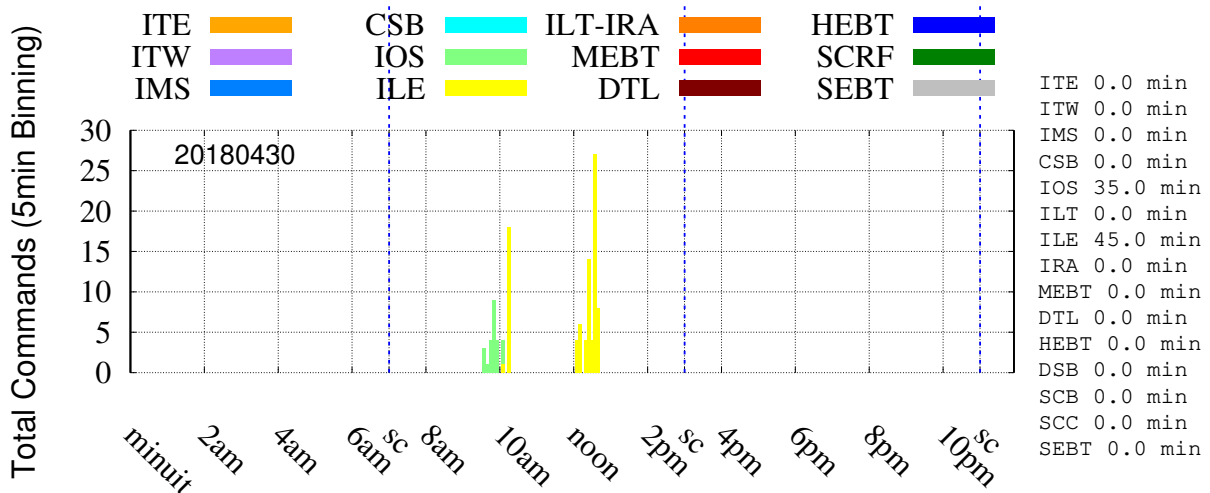
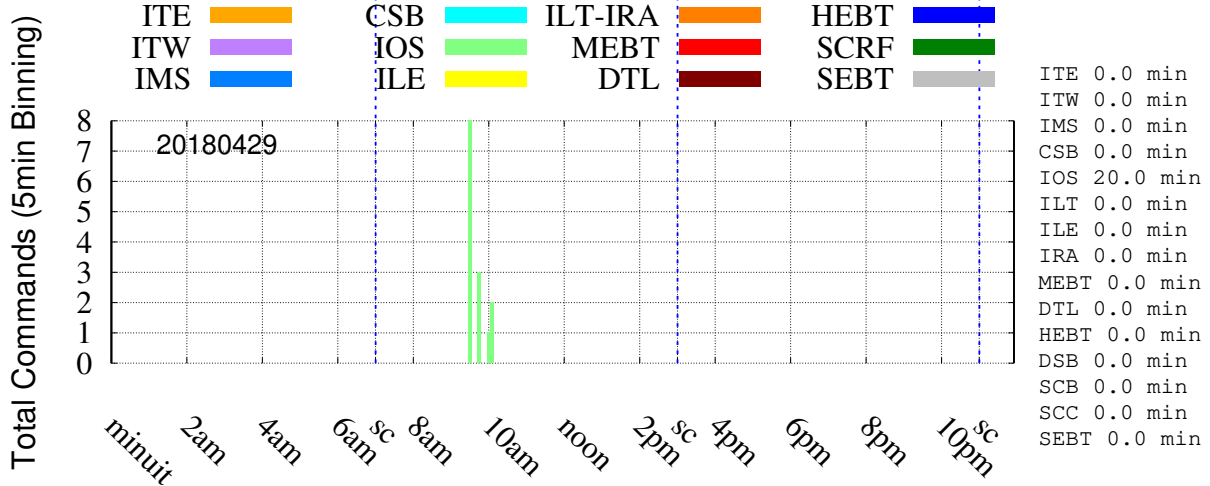
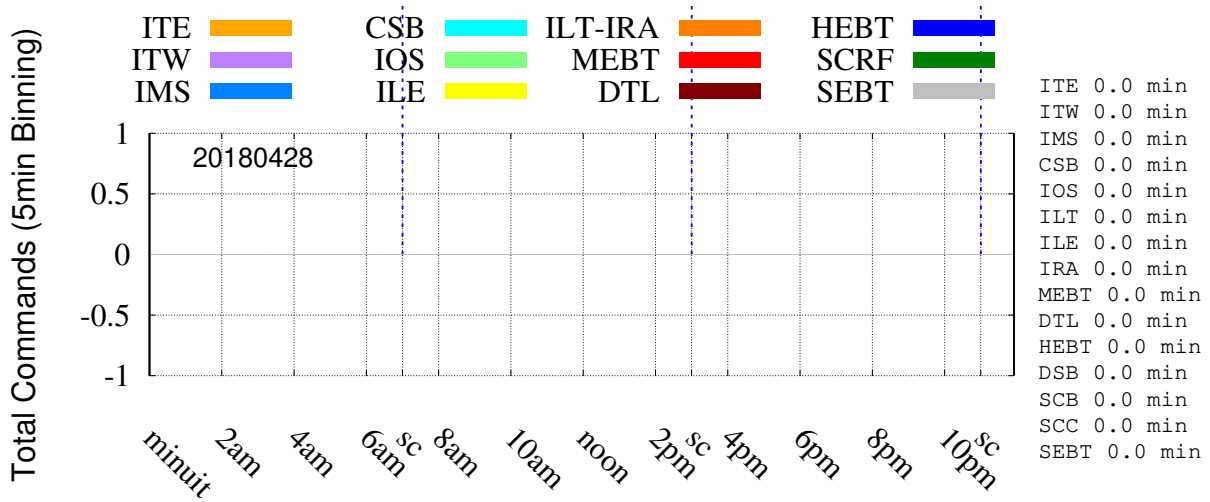


Total Commands (5min Binning)

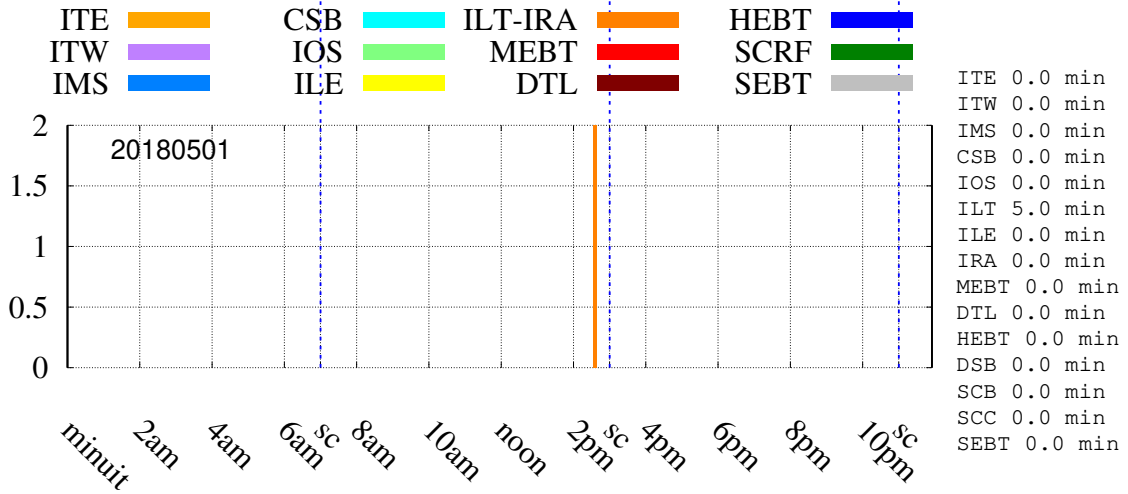


Total Commands (5min Binning)

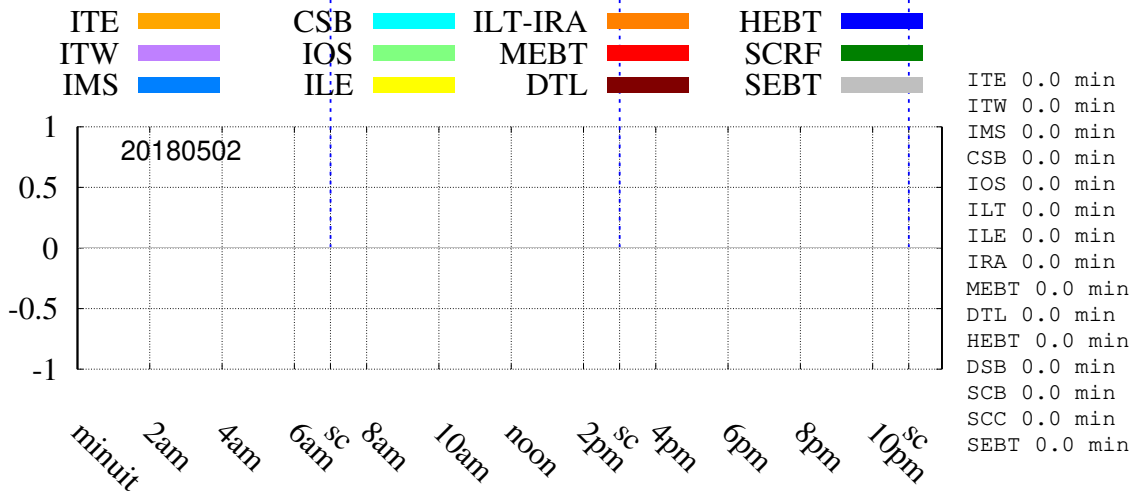




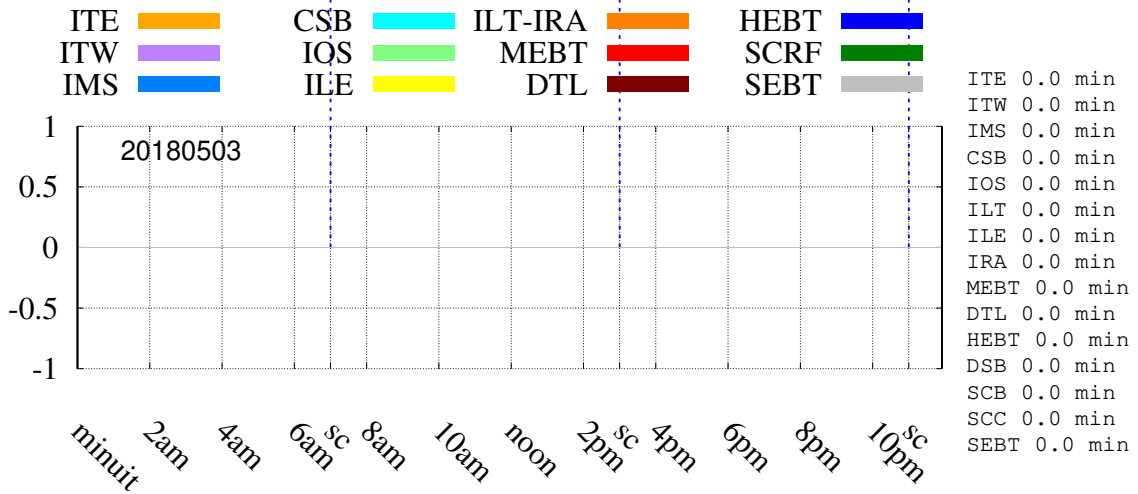
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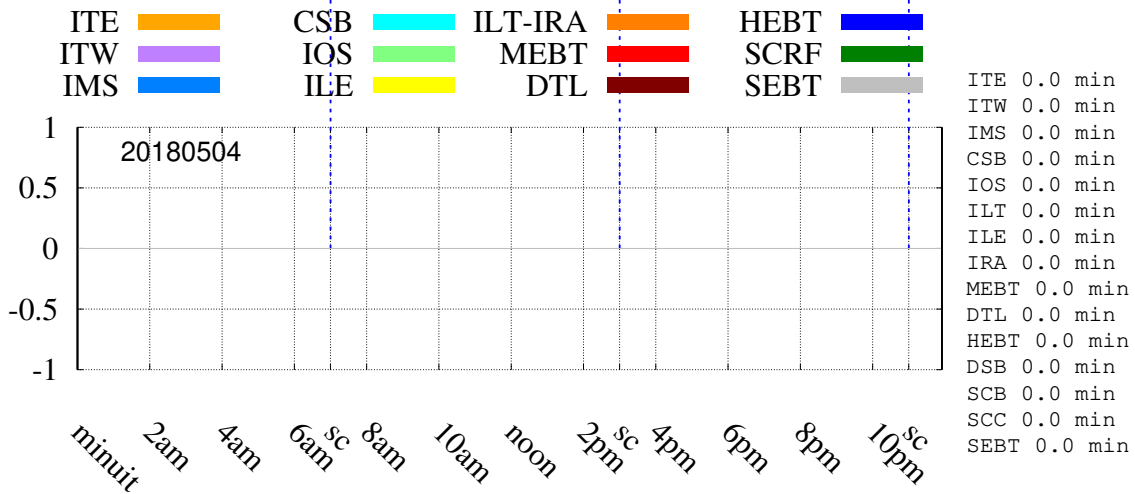
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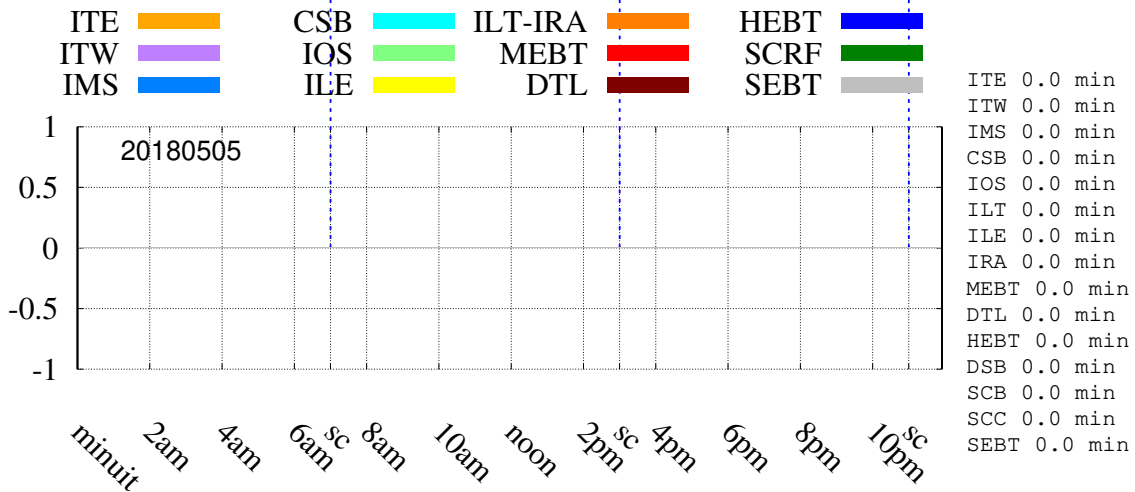
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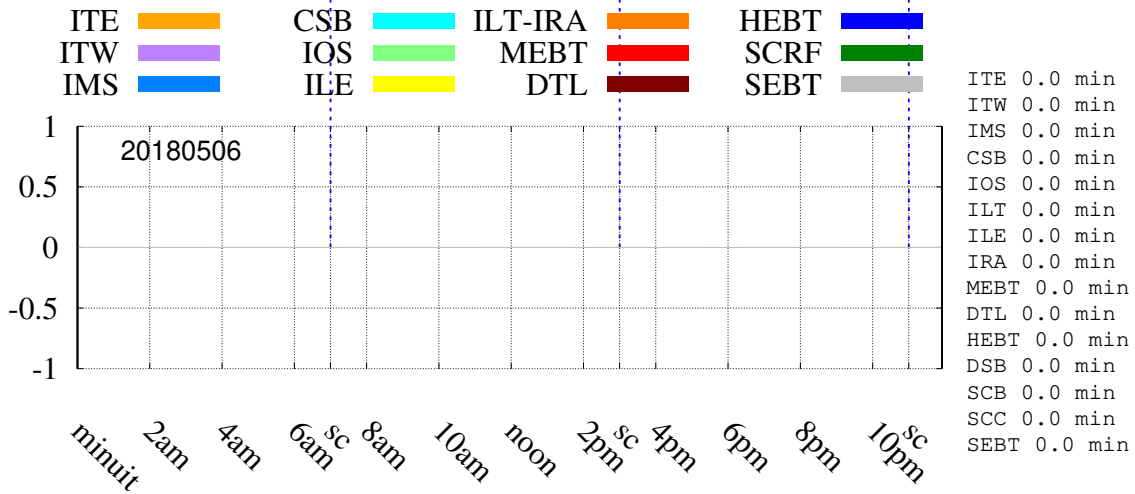
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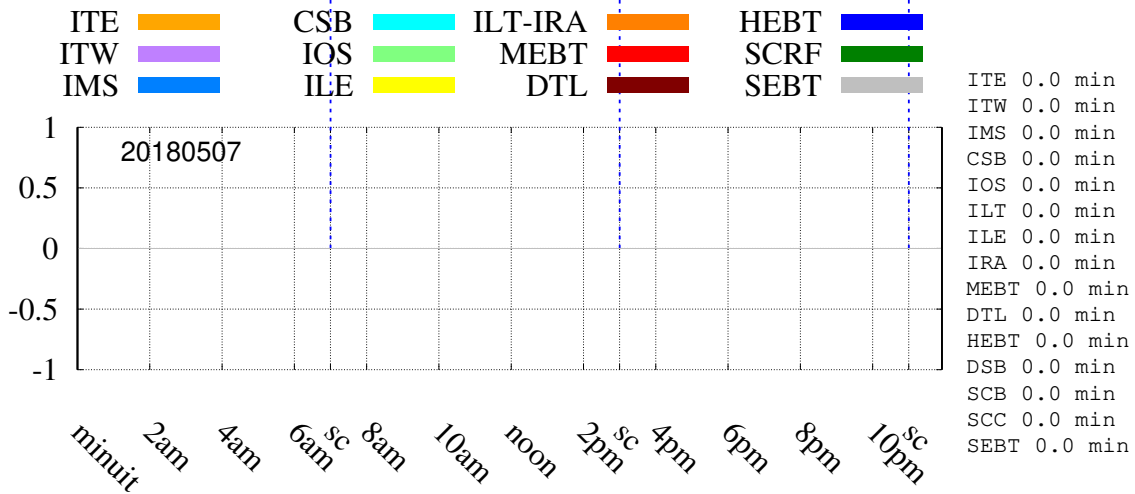
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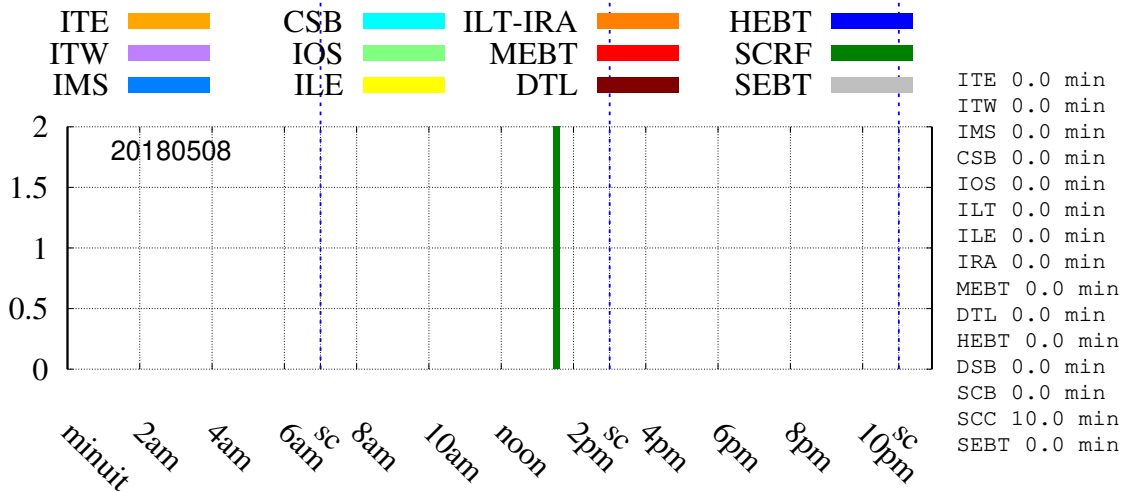
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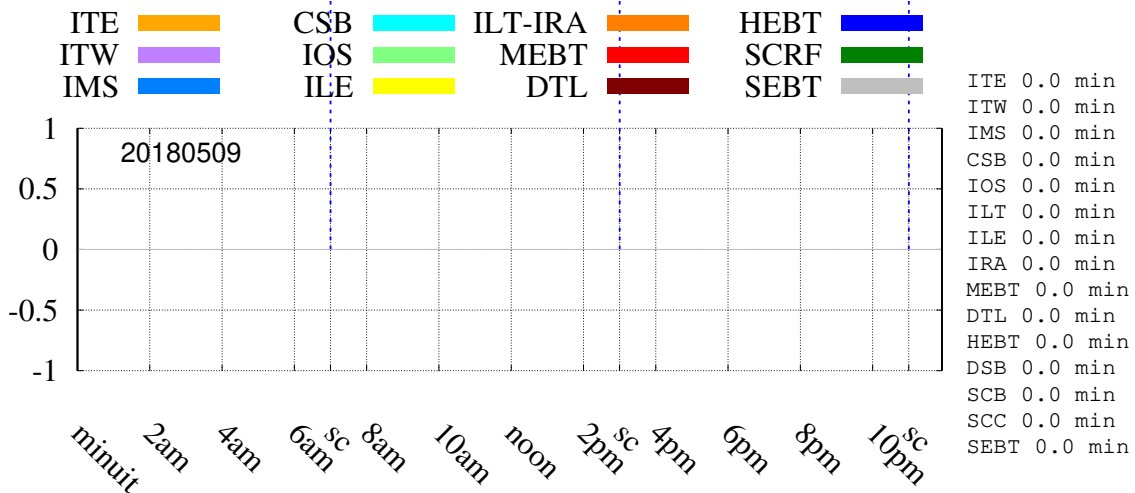
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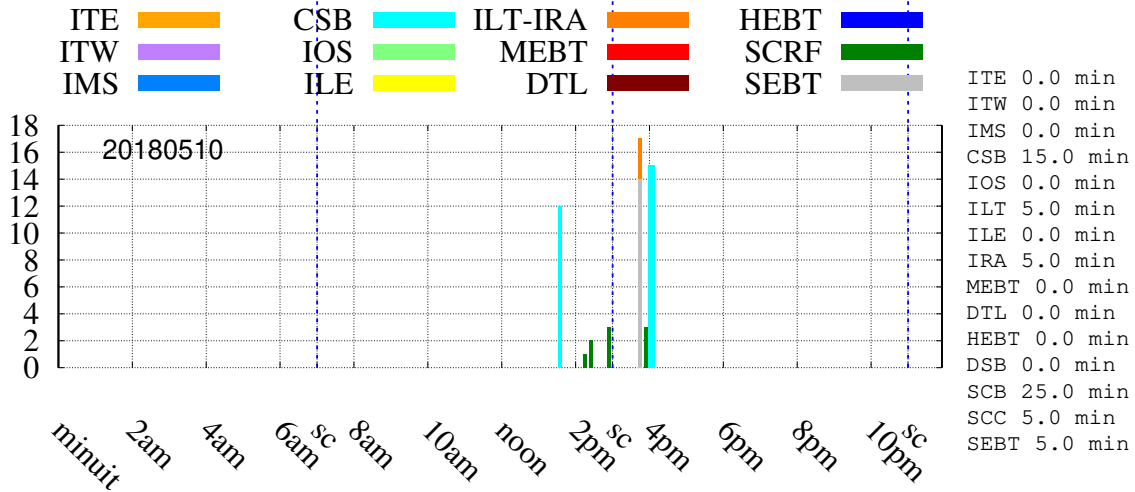
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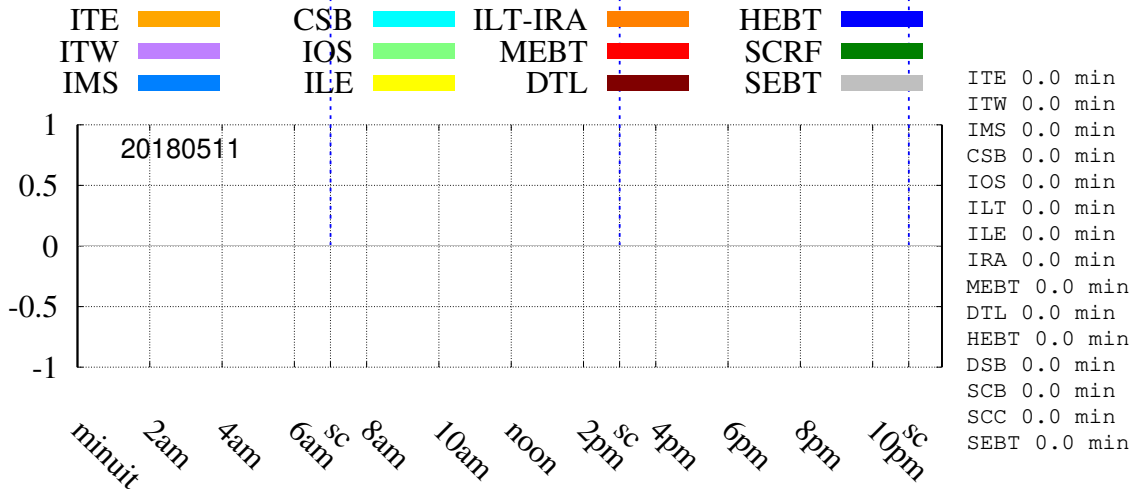
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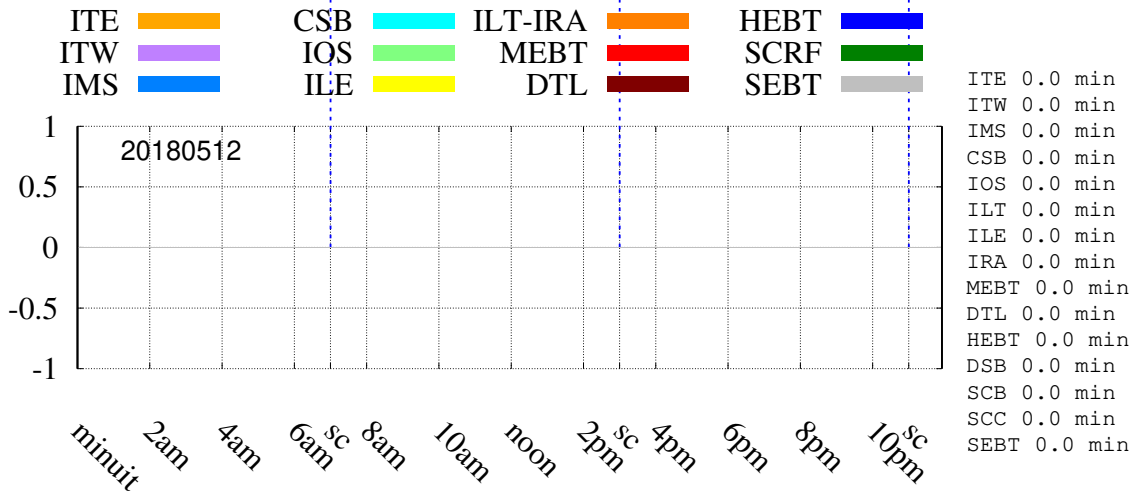
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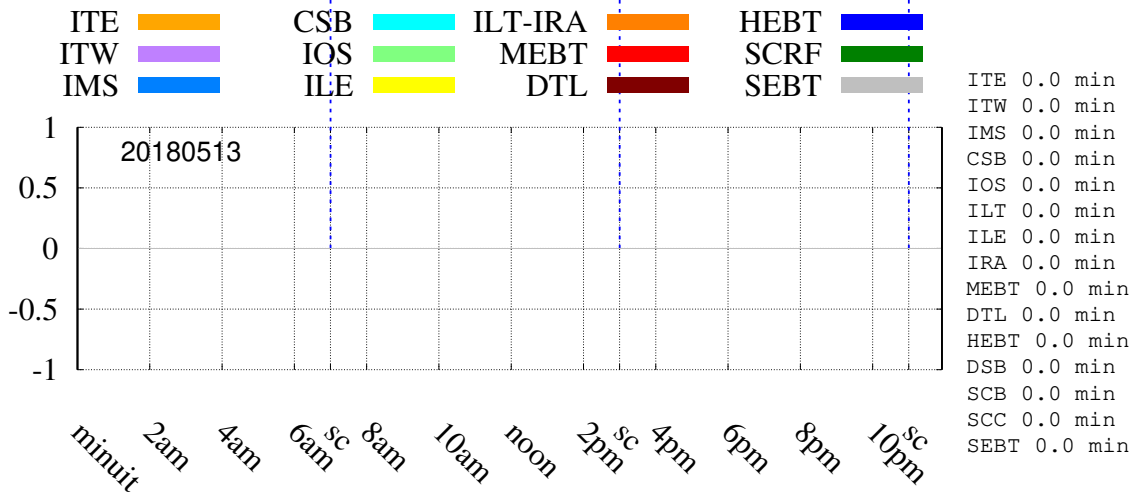
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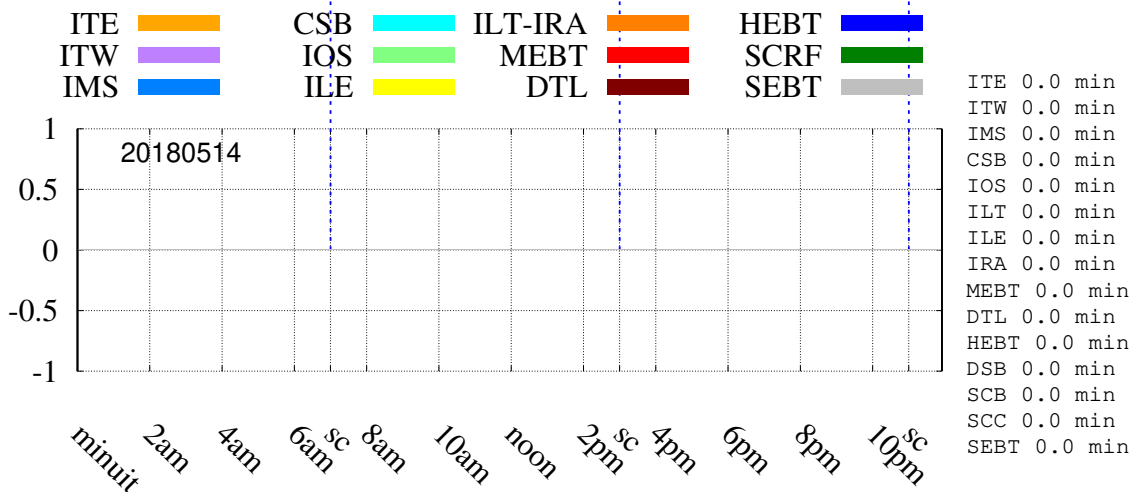
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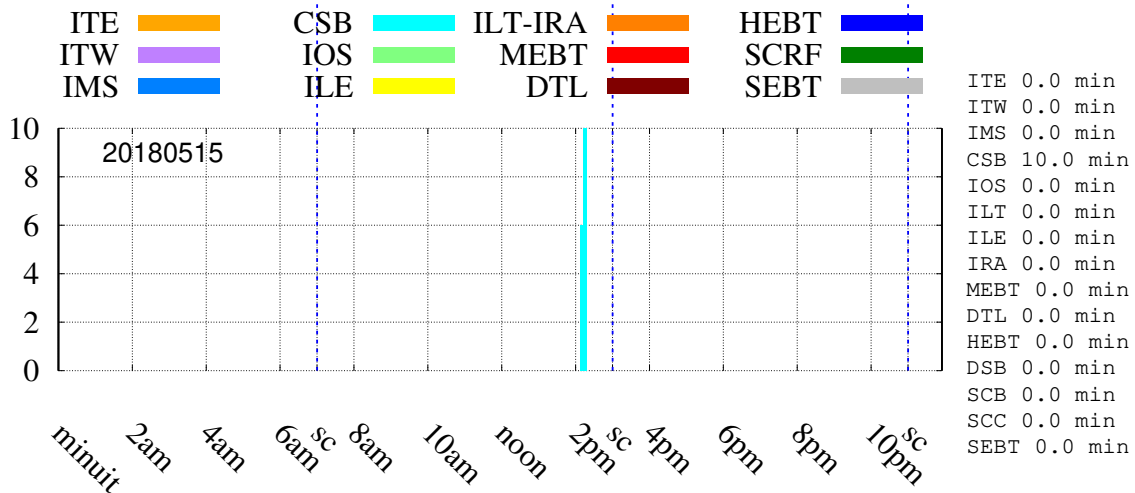
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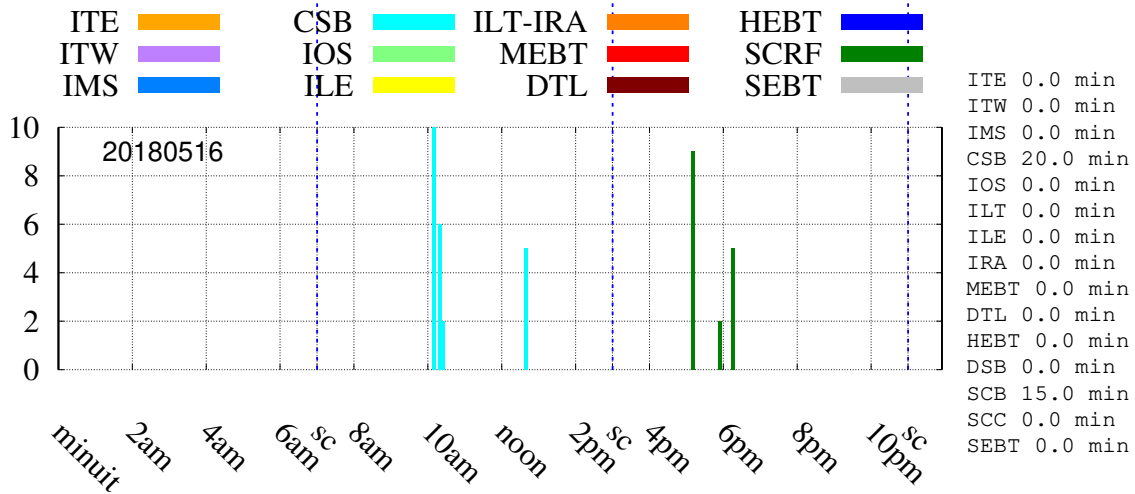
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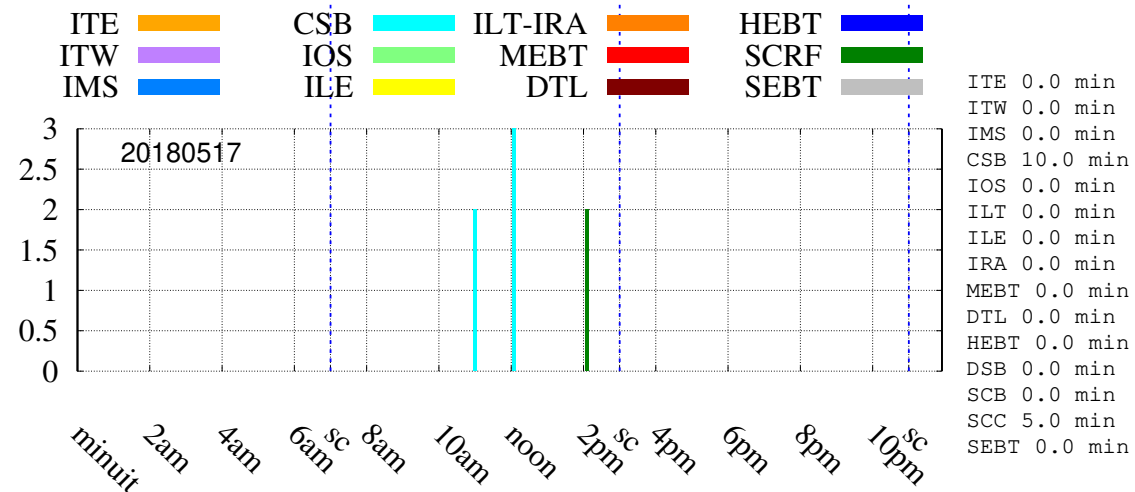
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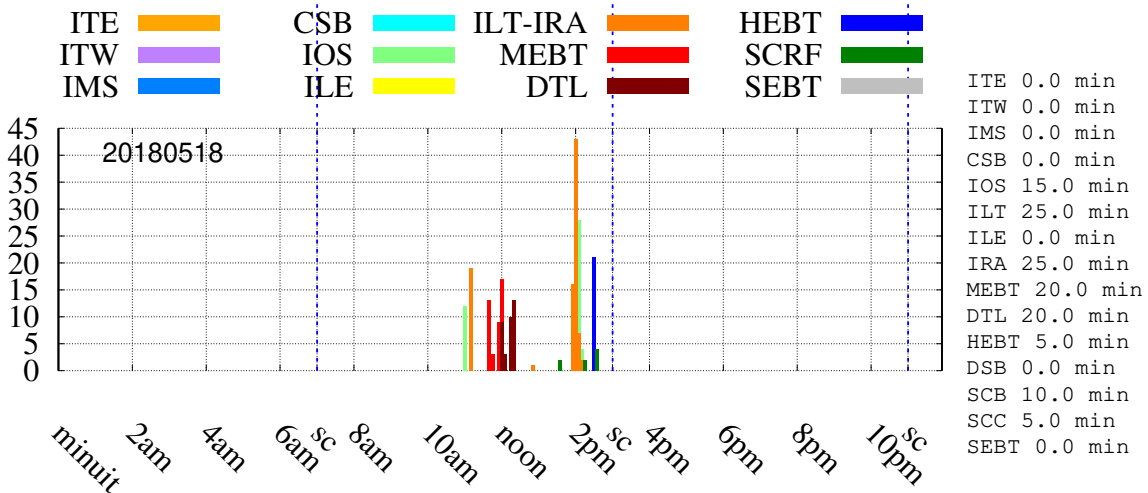
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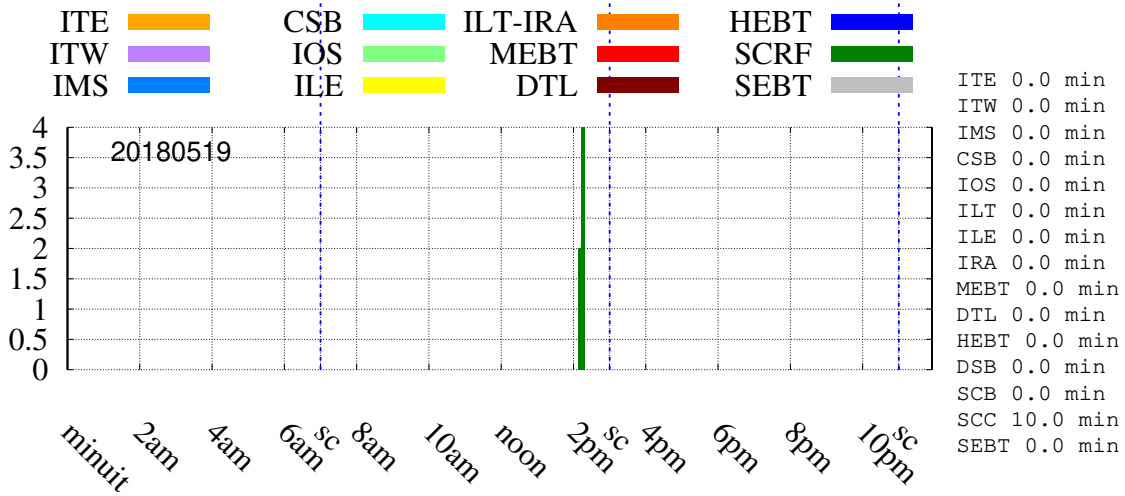
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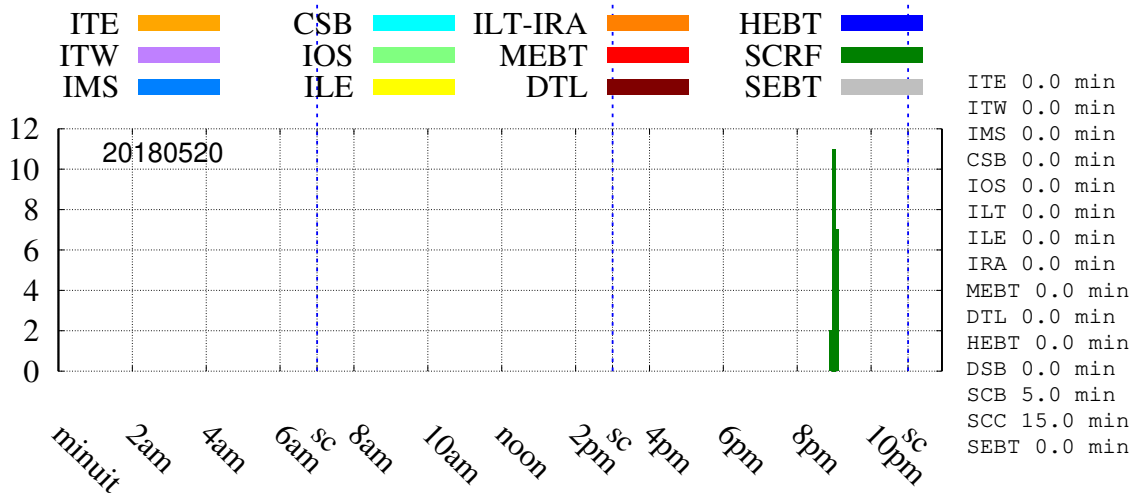
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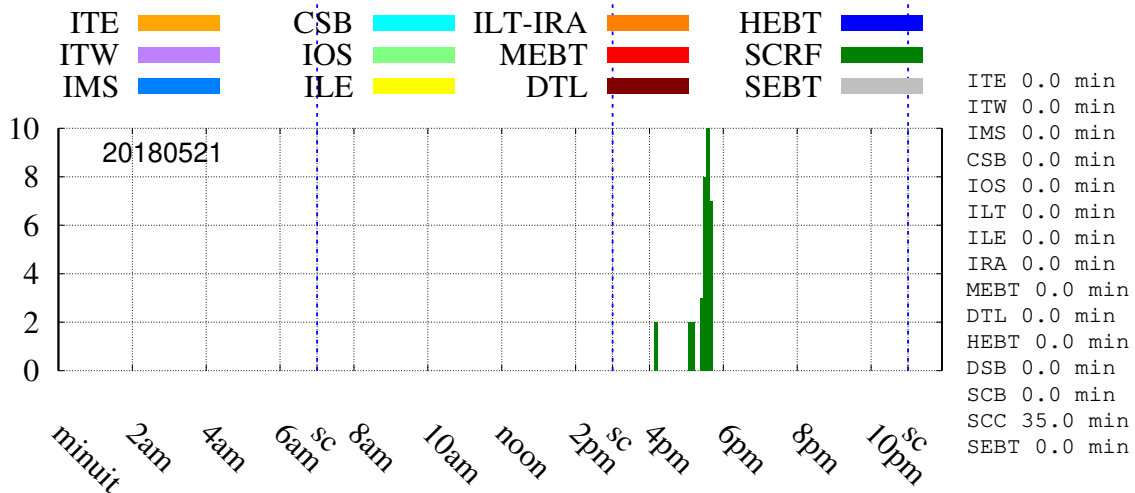
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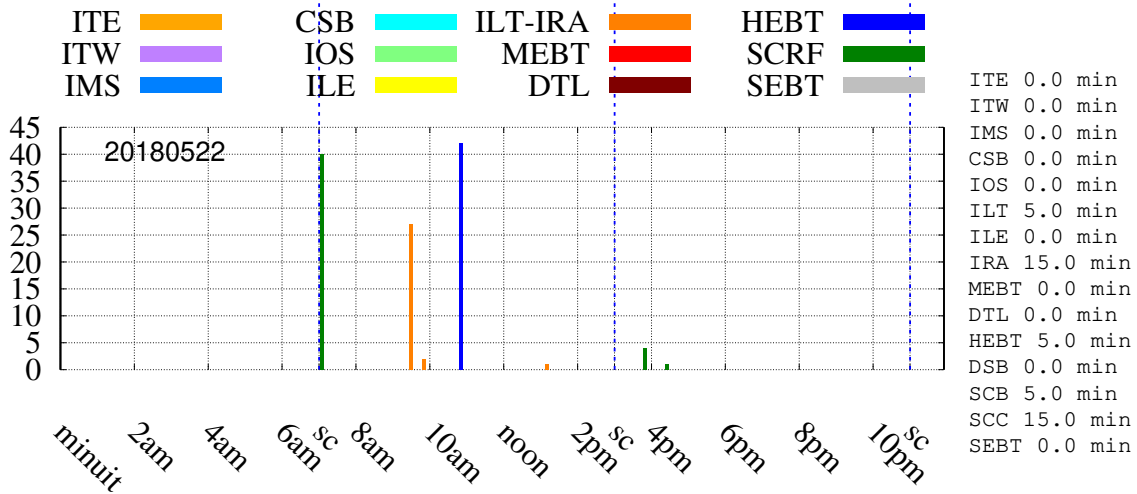
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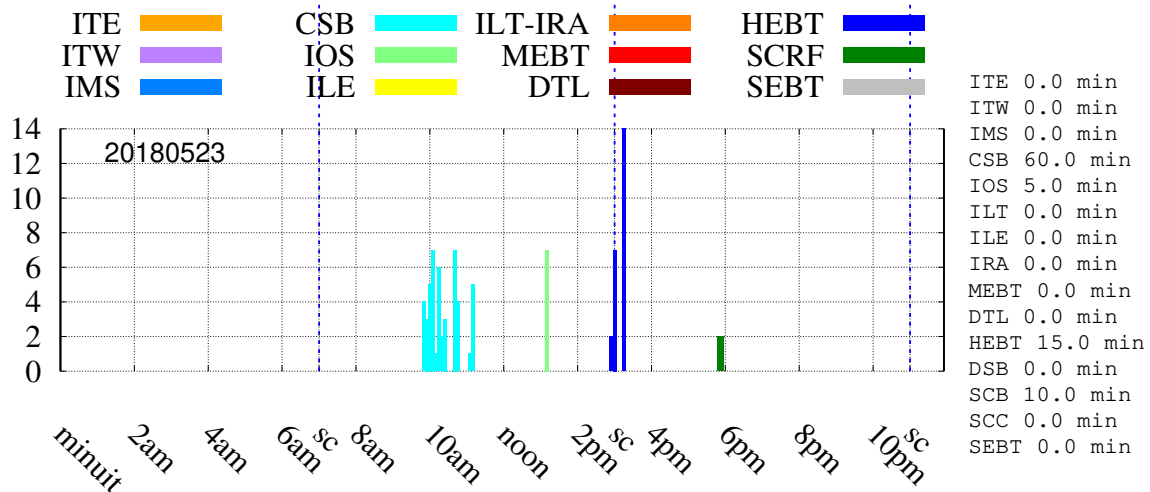
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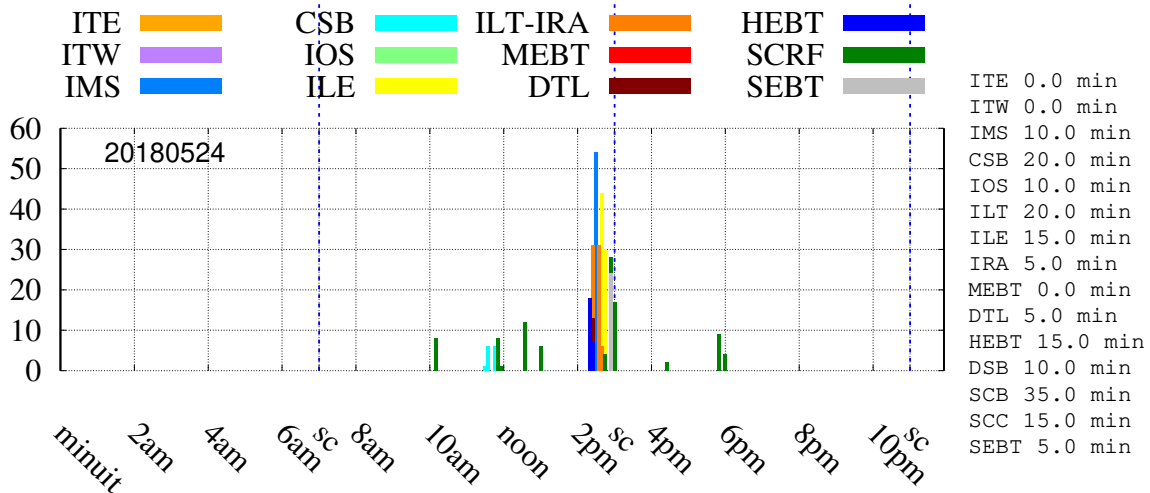
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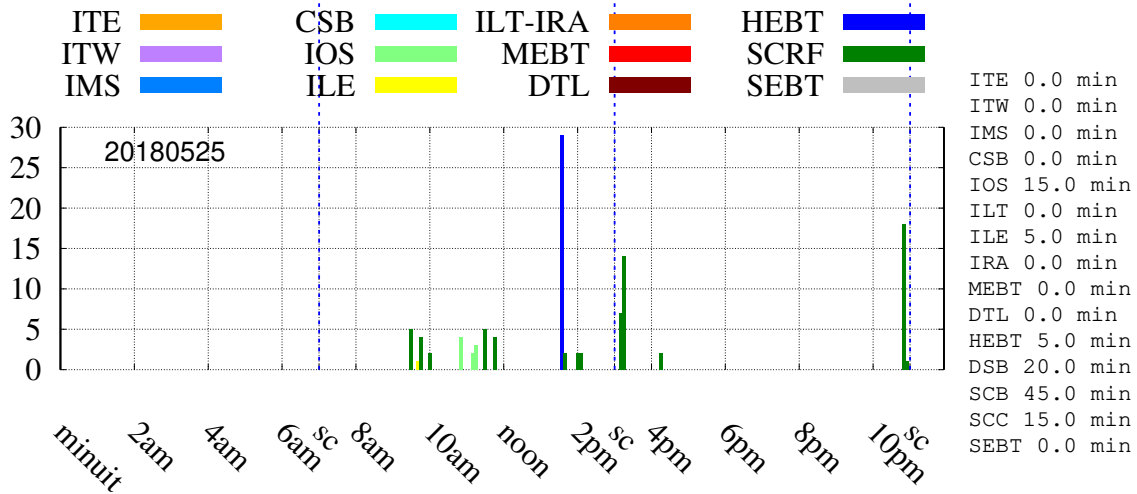
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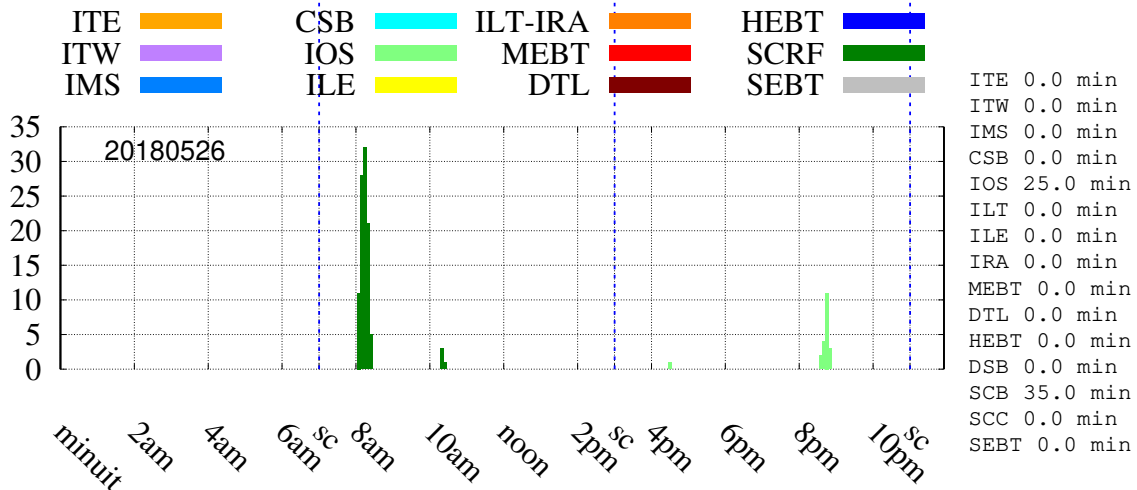
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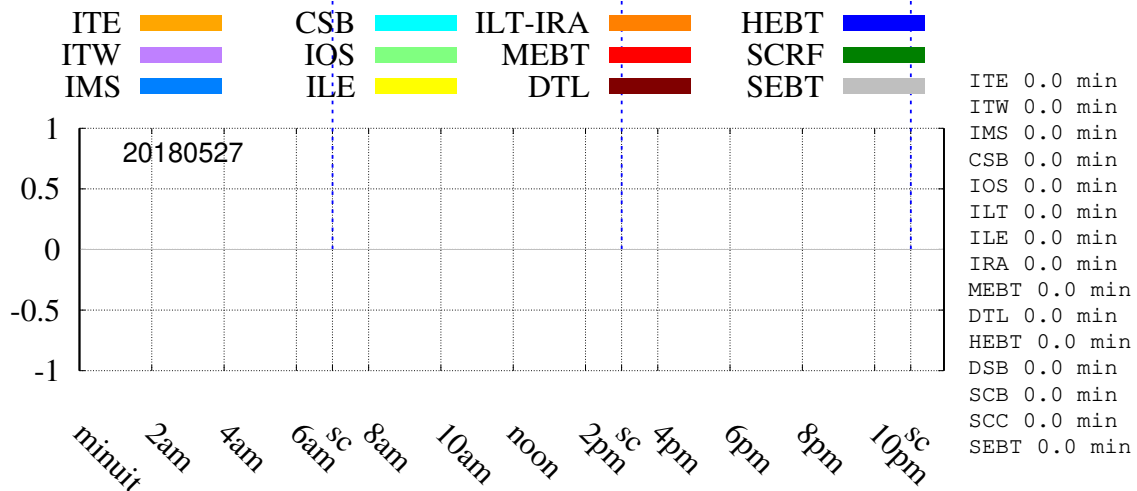
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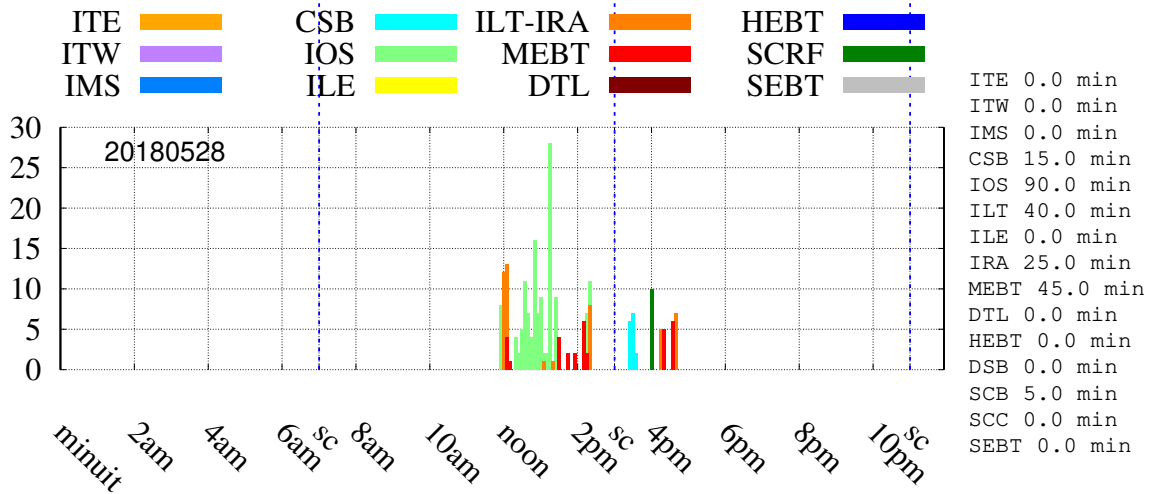
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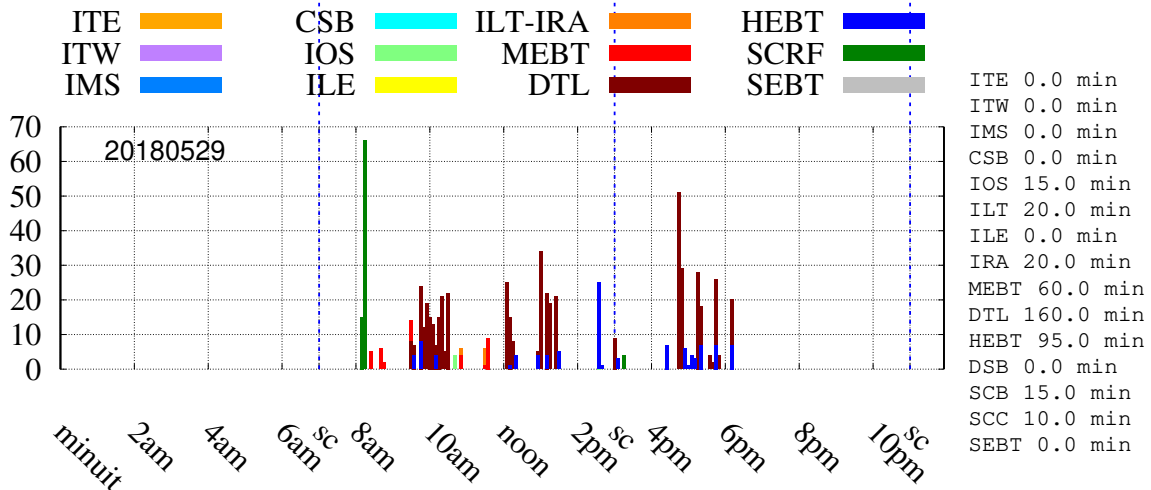
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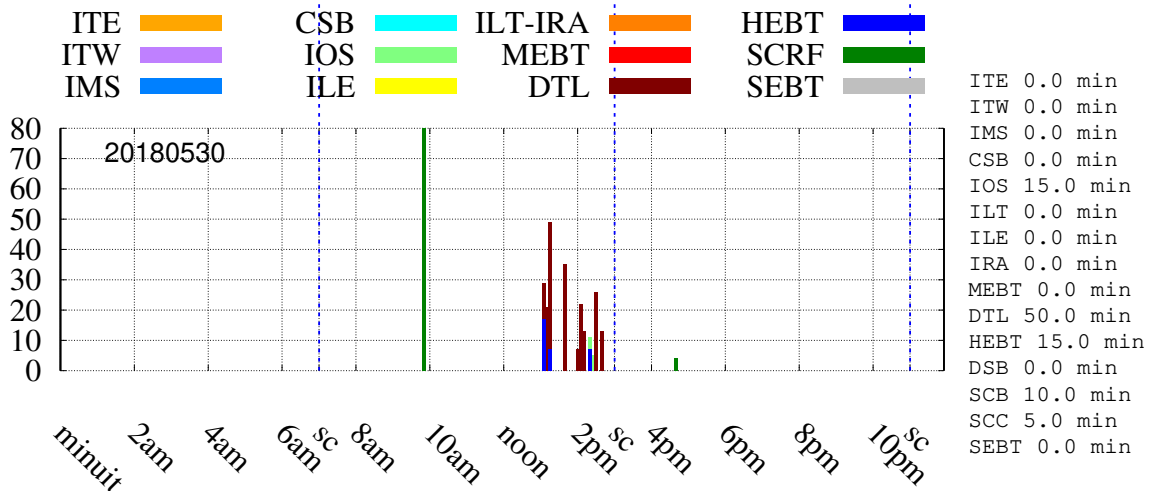
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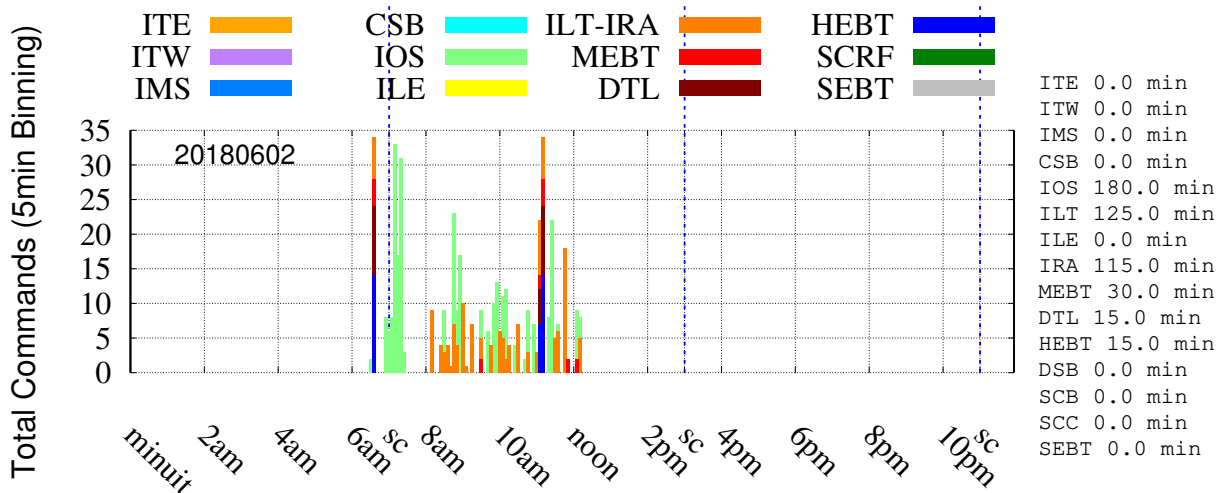
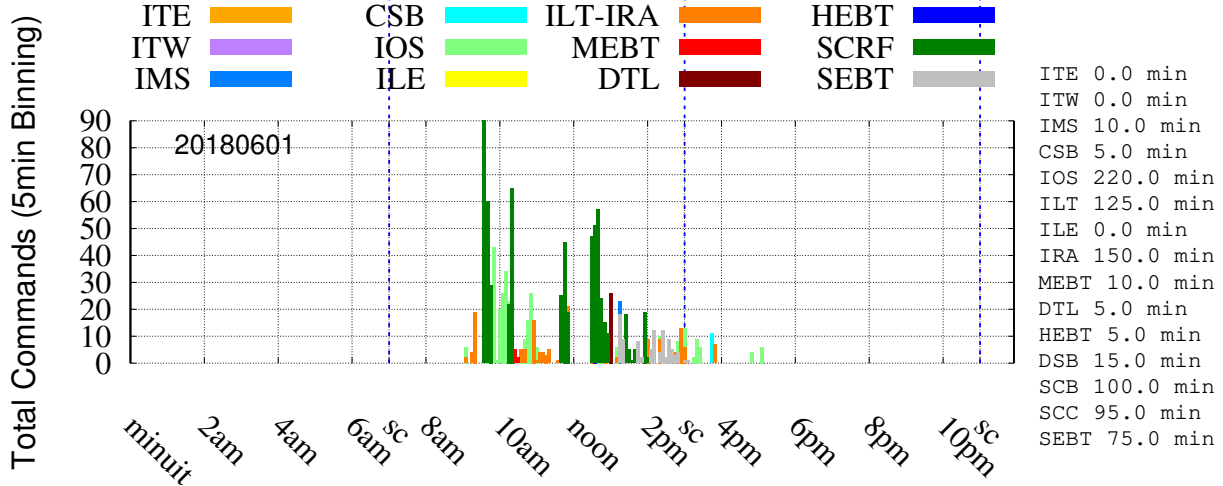
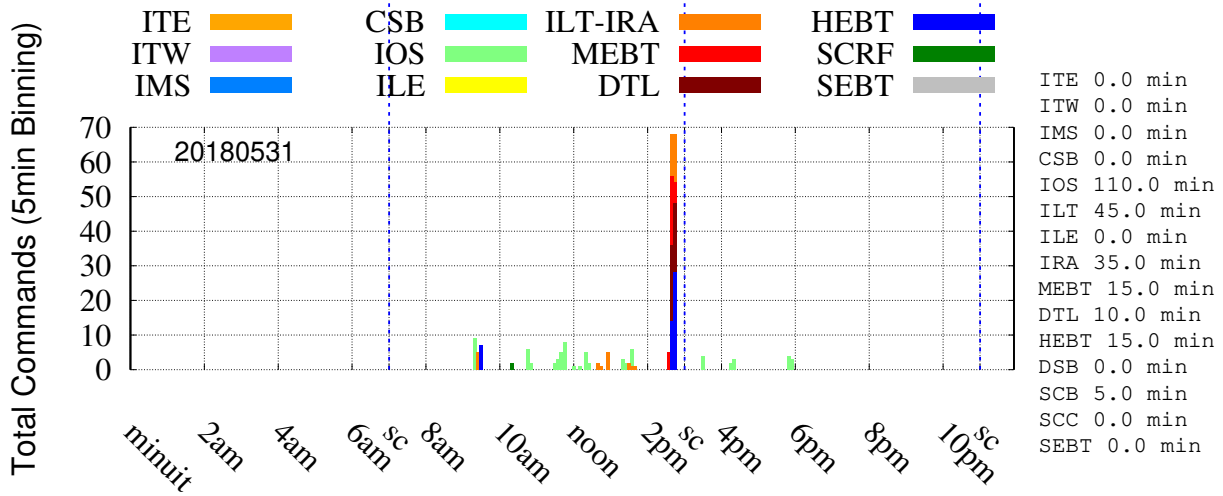


Total Commands (5min Binning)

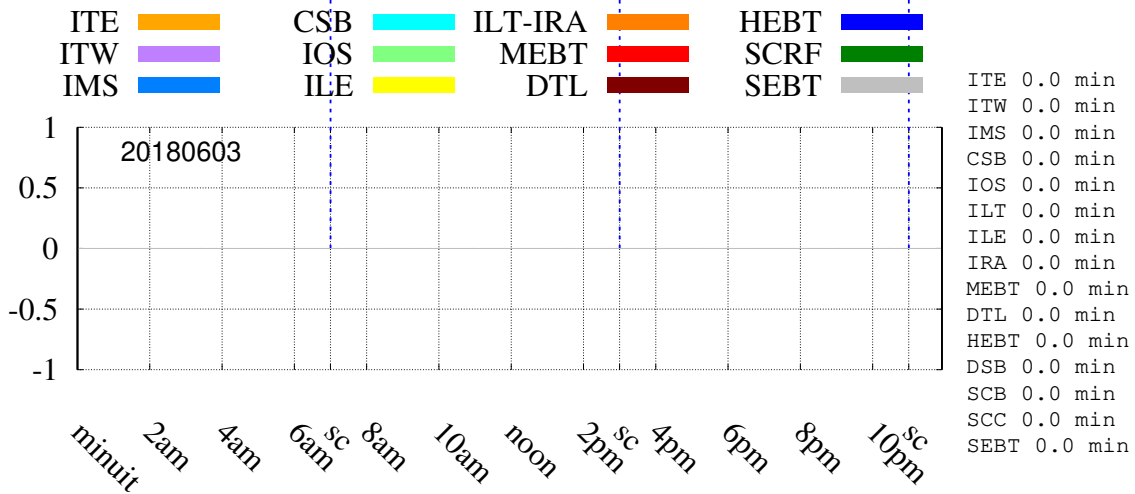


Total Commands (5min Binning)

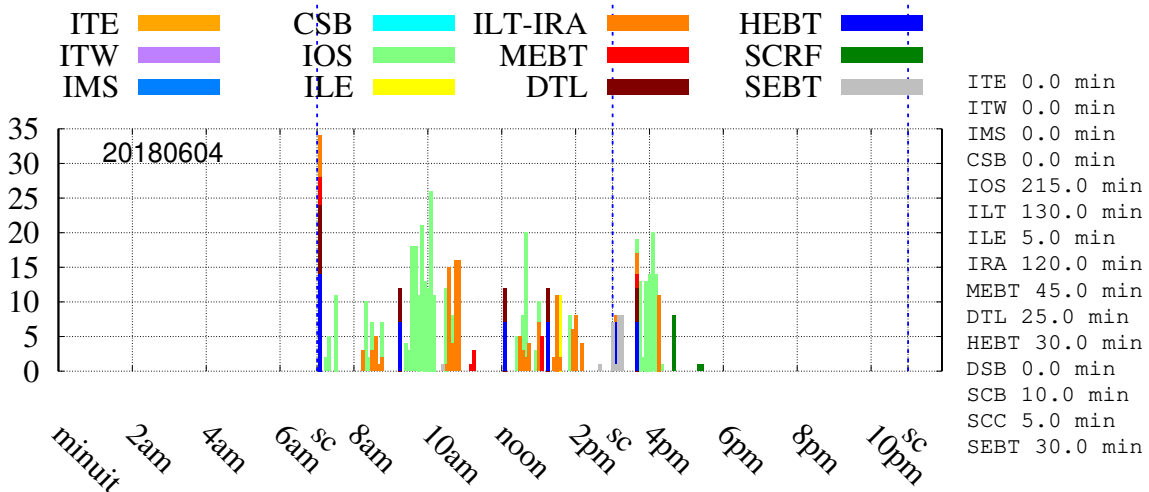




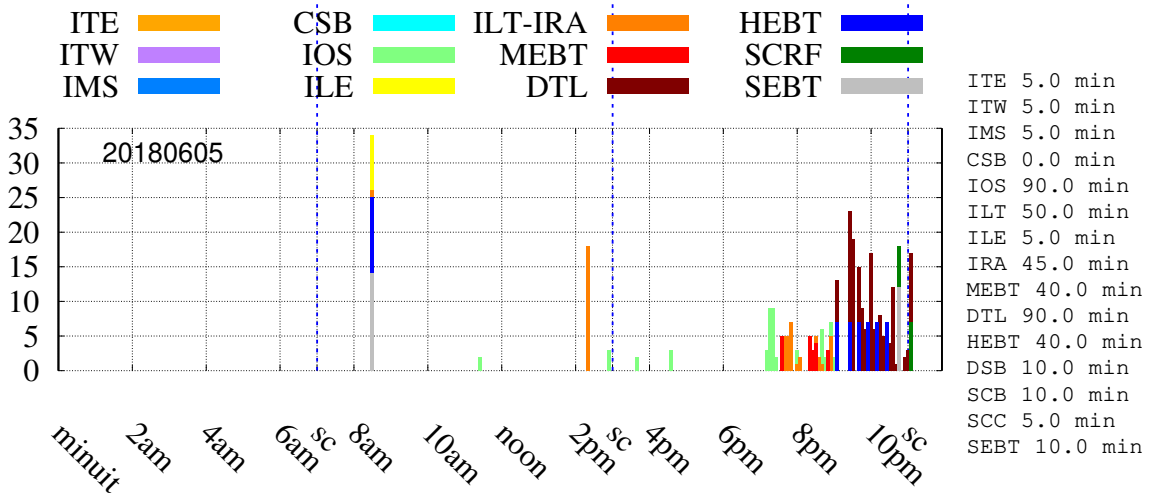
Total Commands (5min Binning)



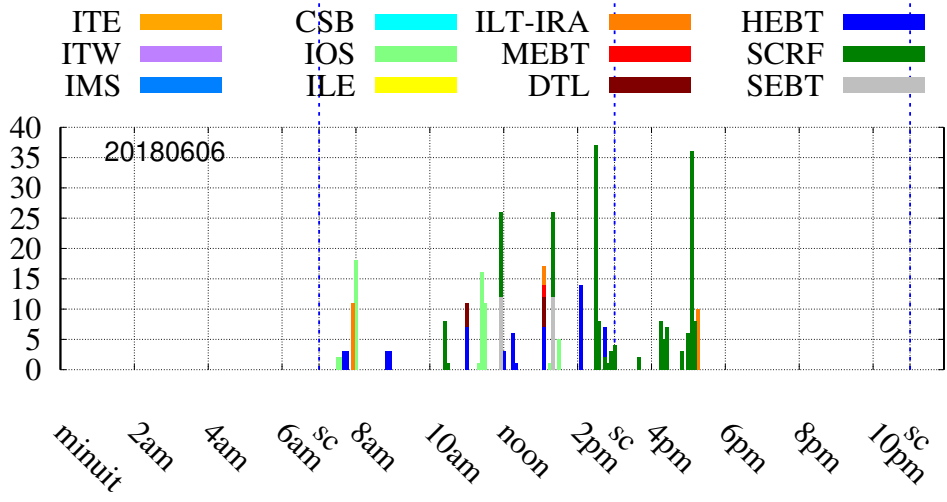
Total Commands (5min Binning)



Total Commands (5min Binning)

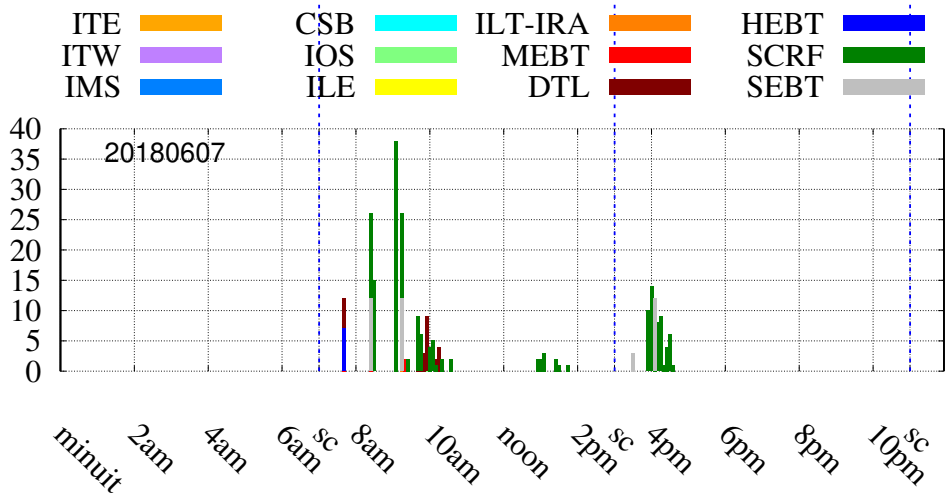


Total Commands (5min Binning)



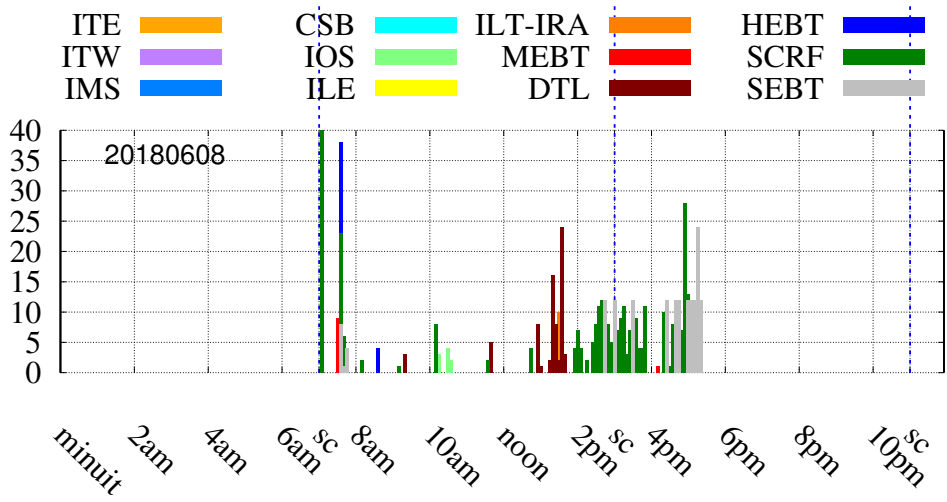
ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 60.0 min
 ILT 25.0 min
 ILE 0.0 min
 IRA 25.0 min
 MEBT 15.0 min
 DTL 15.0 min
 HEBT 60.0 min
 DSB 10.0 min
 SCB 90.0 min
 SCC 35.0 min
 SEBT 10.0 min

Total Commands (5min Binning)



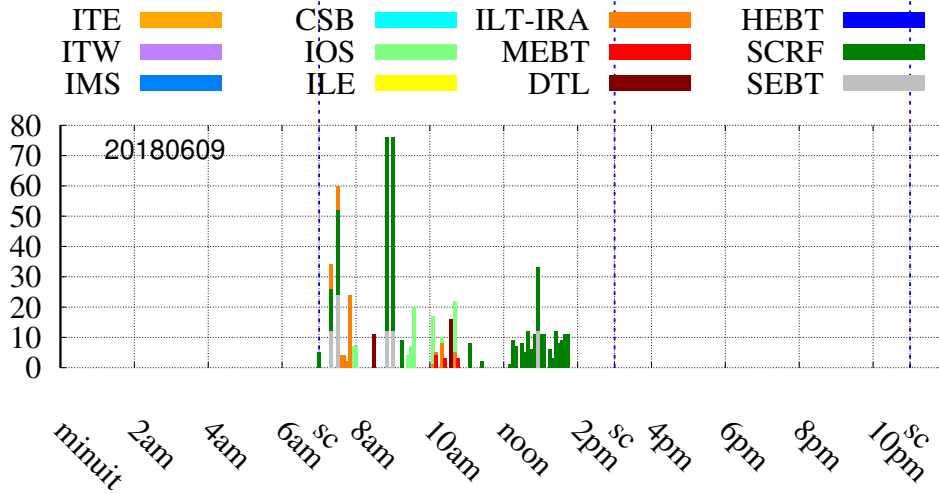
ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 20.0 min
 ILT 15.0 min
 ILE 0.0 min
 IRA 15.0 min
 MEBT 20.0 min
 DTL 45.0 min
 HEBT 15.0 min
 DSB 65.0 min
 SCB 80.0 min
 SCC 25.0 min
 SEBT 20.0 min

Total Commands (5min Binning)



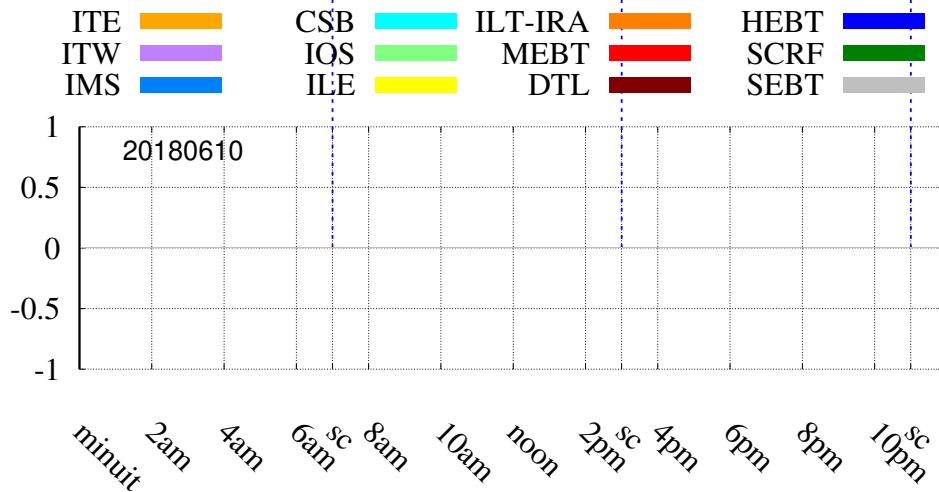
ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 25.0 min
 ILT 0.0 min
 ILE 0.0 min
 IRA 10.0 min
 MEBT 25.0 min
 DTL 65.0 min
 HEBT 25.0 min
 DSB 30.0 min
 SCB 150.0 min
 SCC 70.0 min
 SEBT 70.0 min

Total Commands (5min Binning)



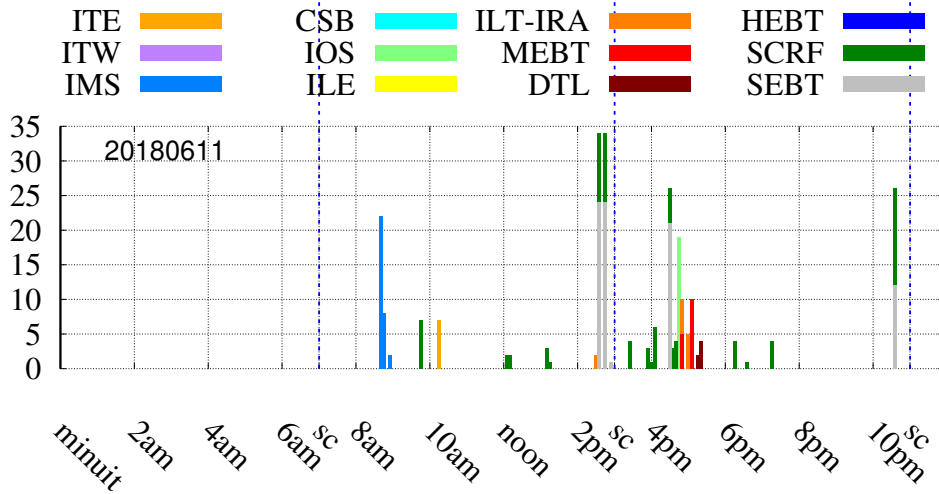
ITE	0.0 min
ITW	0.0 min
IMS	0.0 min
CSB	0.0 min
IOS	75.0 min
ILT-IRA	60.0 min
ILE	0.0 min
IRA	45.0 min
MEBT	40.0 min
DTL	40.0 min
HEBT	25.0 min
DSB	30.0 min
SCB	35.0 min
SCC	115.0 min
SEBT	25.0 min

Total Commands (5min Binning)



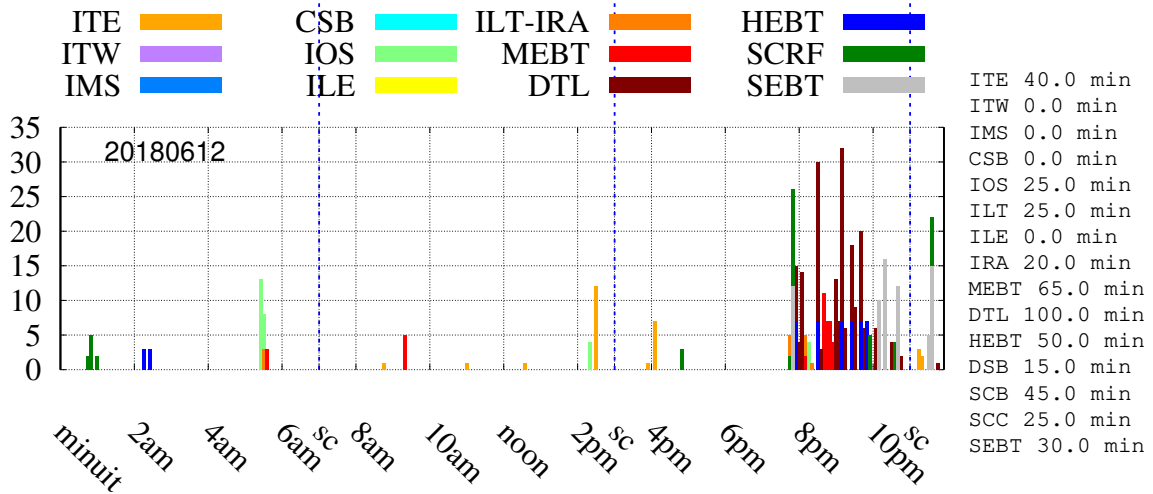
ITE	0.0 min
ITW	0.0 min
IMS	0.0 min
CSB	0.0 min
IOS	0.0 min
ILT-IRA	0.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)

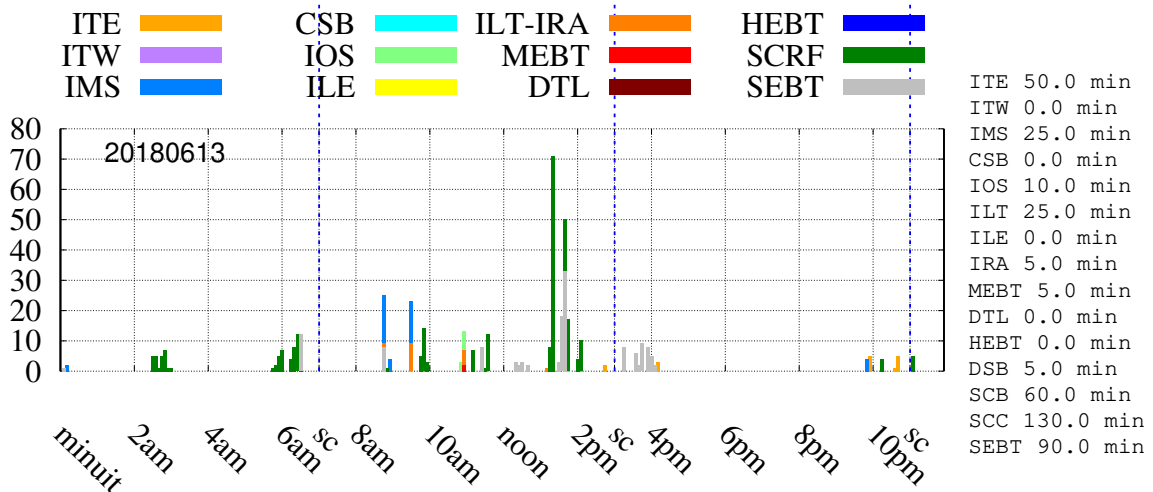


ITE	5.0 min
ITW	0.0 min
IMS	15.0 min
CSB	0.0 min
IOS	40.0 min
ILT-IRA	40.0 min
ILE	0.0 min
IRA	40.0 min
MEBT	35.0 min
DTL	35.0 min
HEBT	20.0 min
DSB	20.0 min
SCB	55.0 min
SCC	60.0 min
SEBT	25.0 min

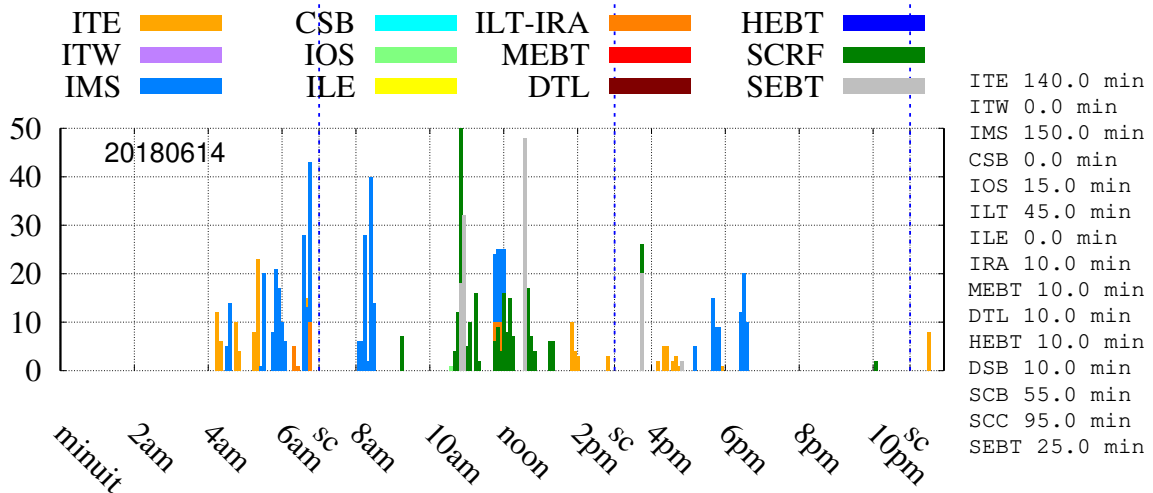
Total Commands (5min Binning)



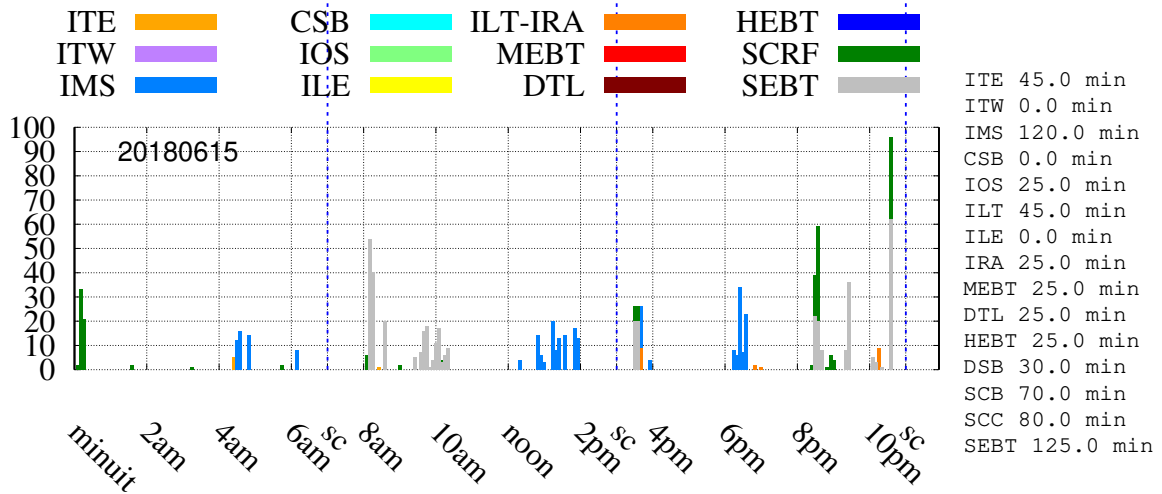
Total Commands (5min Binning)



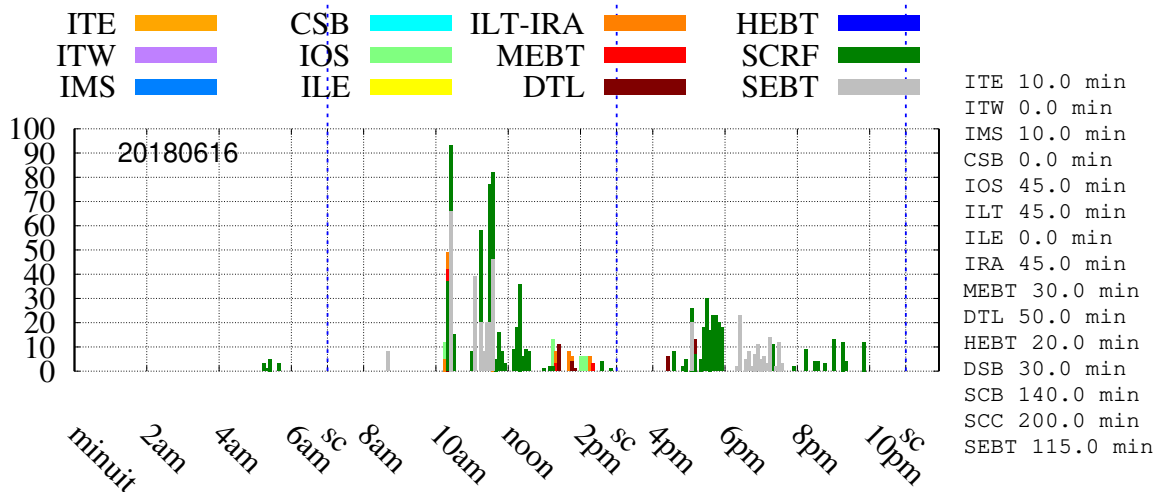
Total Commands (5min Binning)



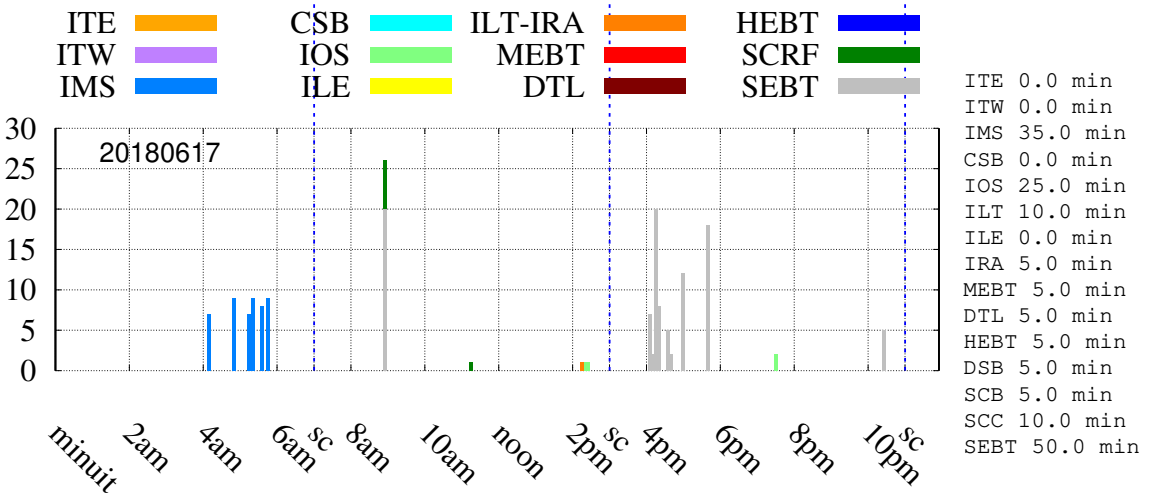
Total Commands (5min Binning)



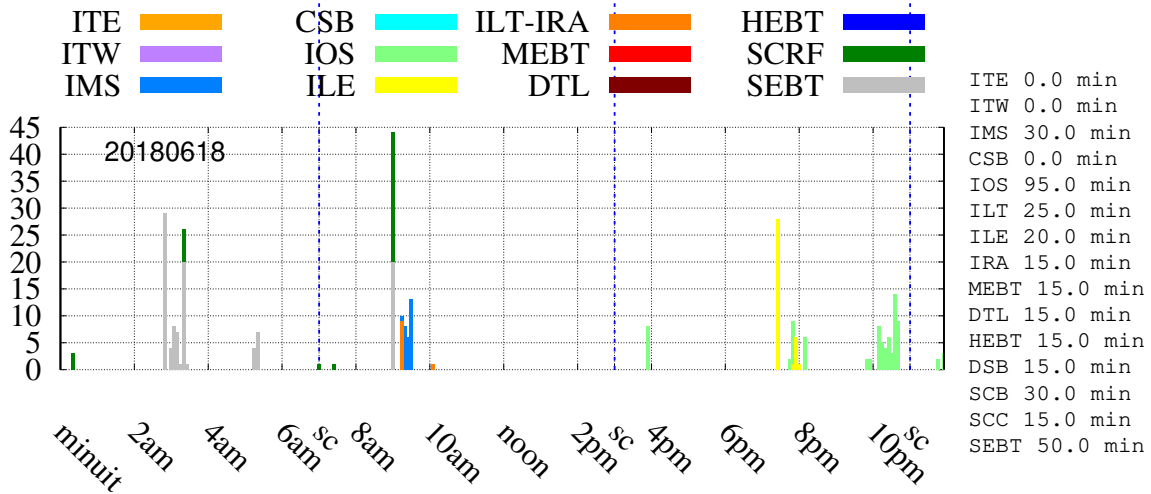
Total Commands (5min Binning)



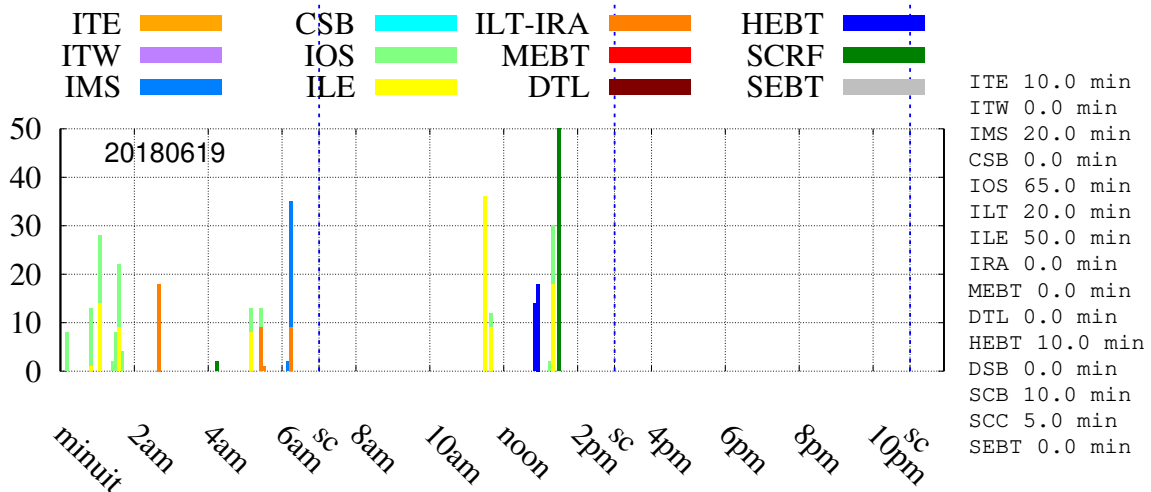
Total Commands (5min Binning)



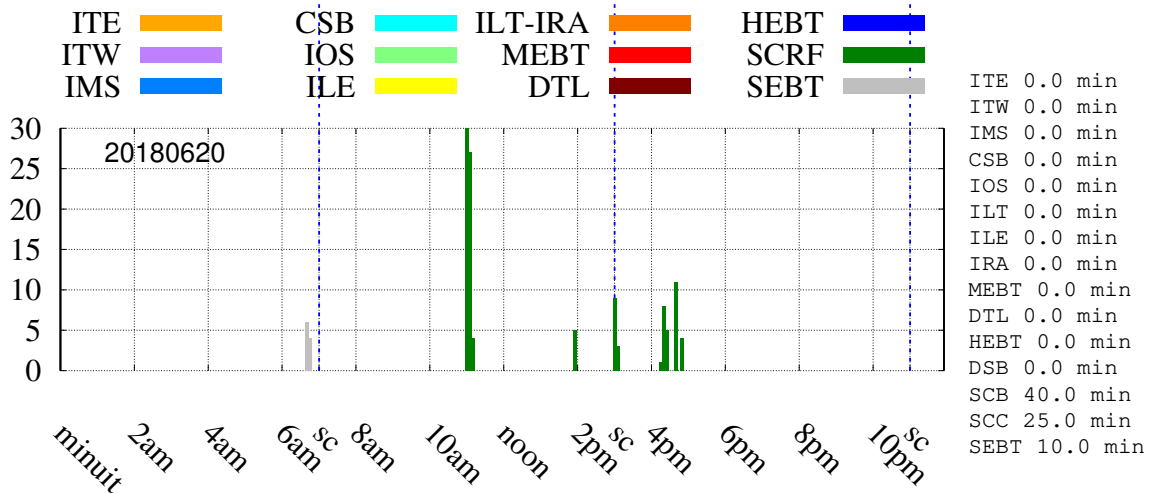
Total Commands (5min Binning)



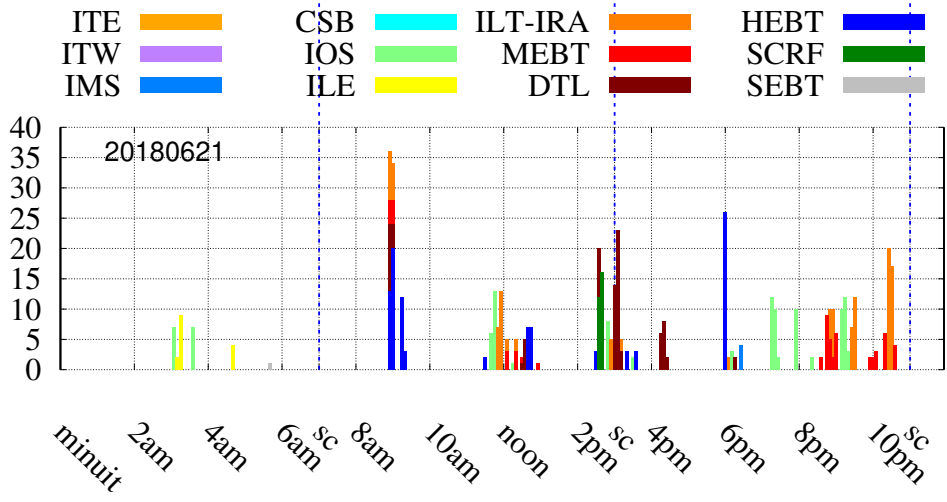
Total Commands (5min Binning)



Total Commands (5min Binning)

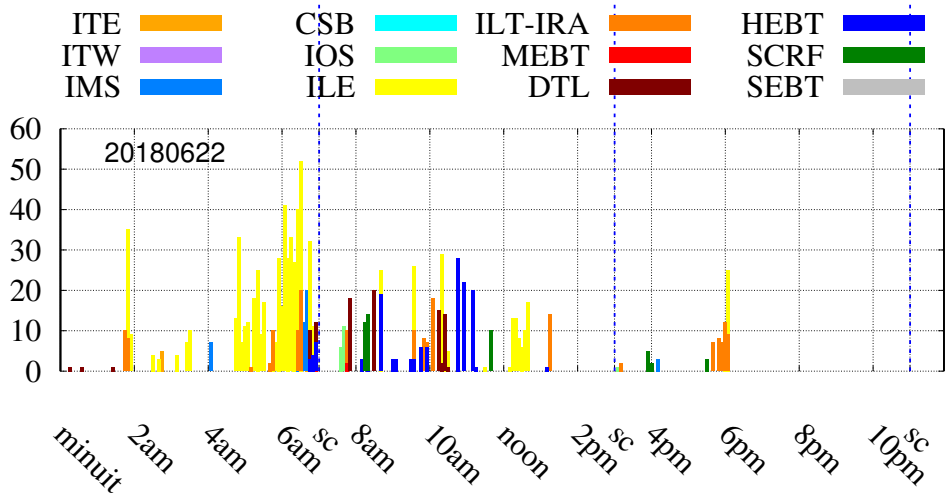


Total Commands (5min Binning)



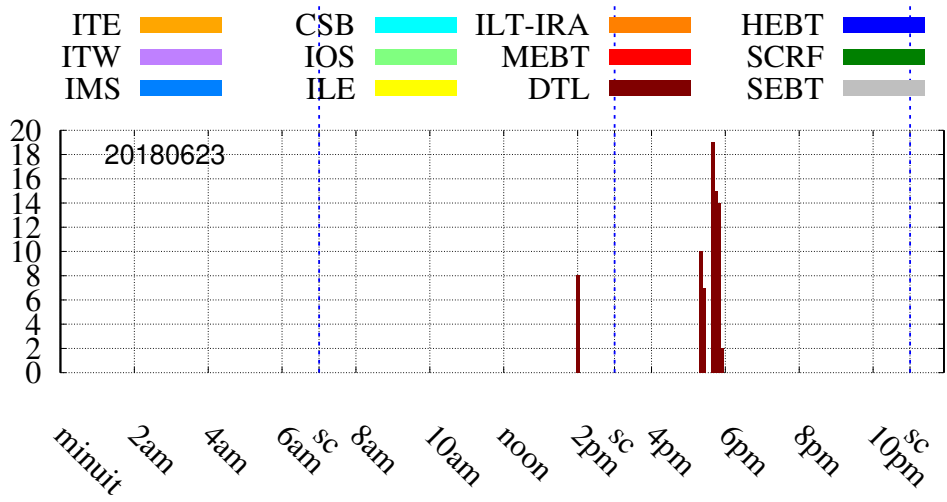
ITE	0.0 min
ITW	0.0 min
IMS	5.0 min
CSB	0.0 min
IOS	120.0 min
ILT	80.0 min
ILE	15.0 min
IRA	85.0 min
MEBT	90.0 min
DTL	75.0 min
HEBT	55.0 min
DSB	0.0 min
SCB	10.0 min
SCC	0.0 min
SEBT	5.0 min

Total Commands (5min Binning)

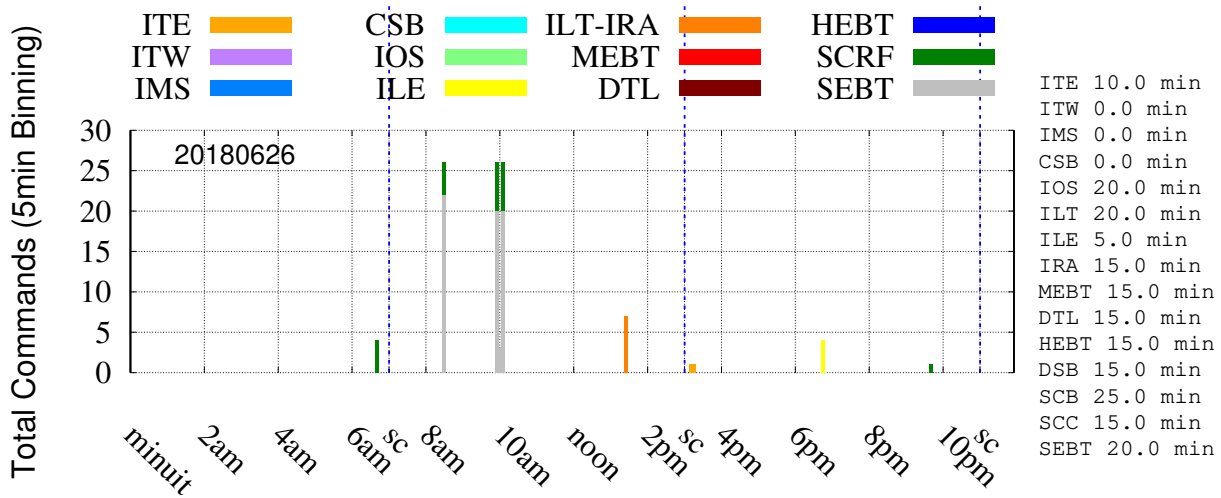
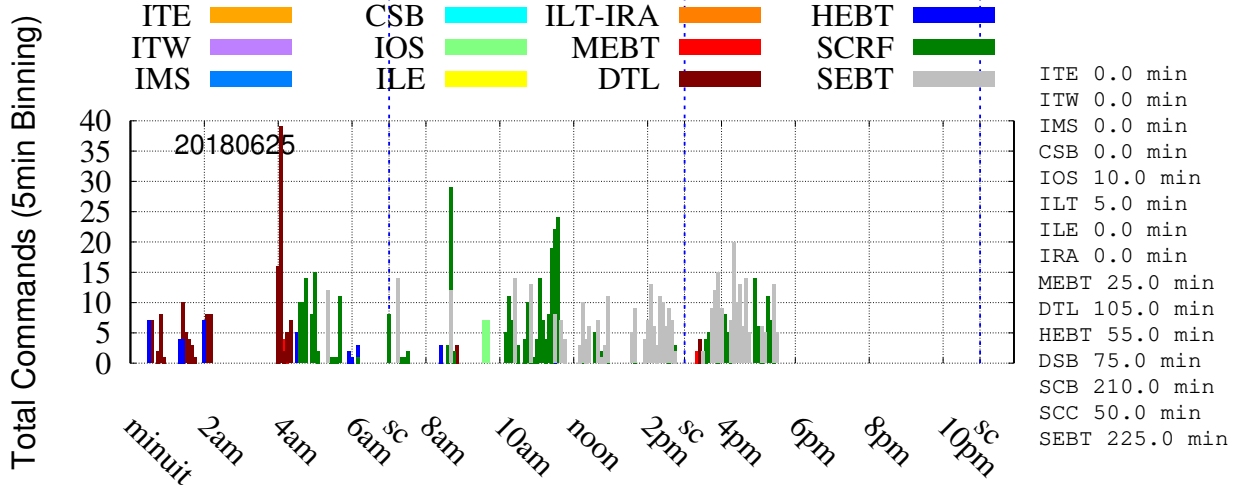
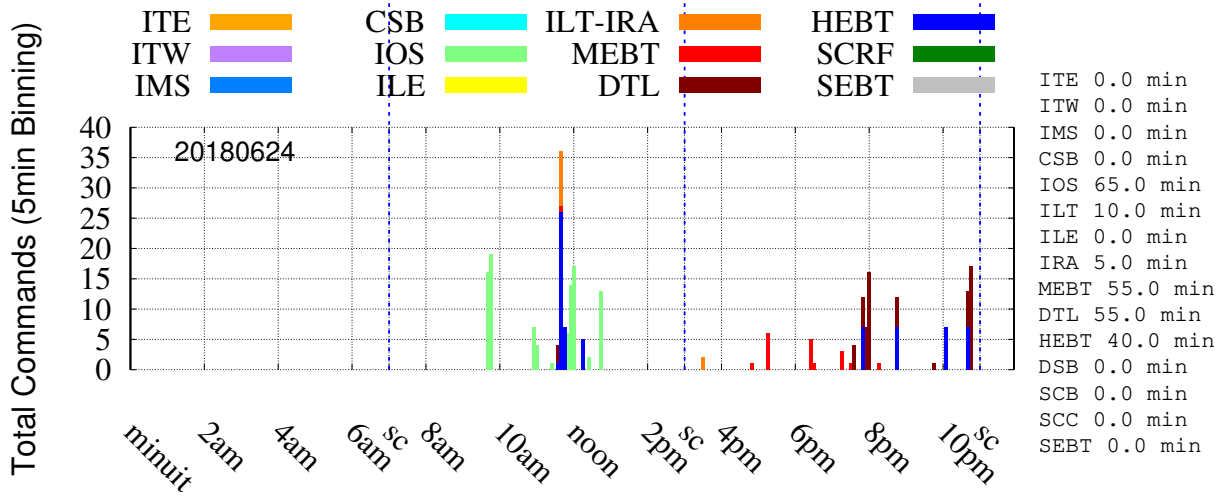


ITE	30.0 min
ITW	0.0 min
IMS	45.0 min
CSB	0.0 min
IOS	35.0 min
ILT	115.0 min
ILE	215.0 min
IRA	25.0 min
MEBT	25.0 min
DTL	65.0 min
HEBT	85.0 min
DSB	0.0 min
SCB	10.0 min
SCC	20.0 min
SEBT	0.0 min

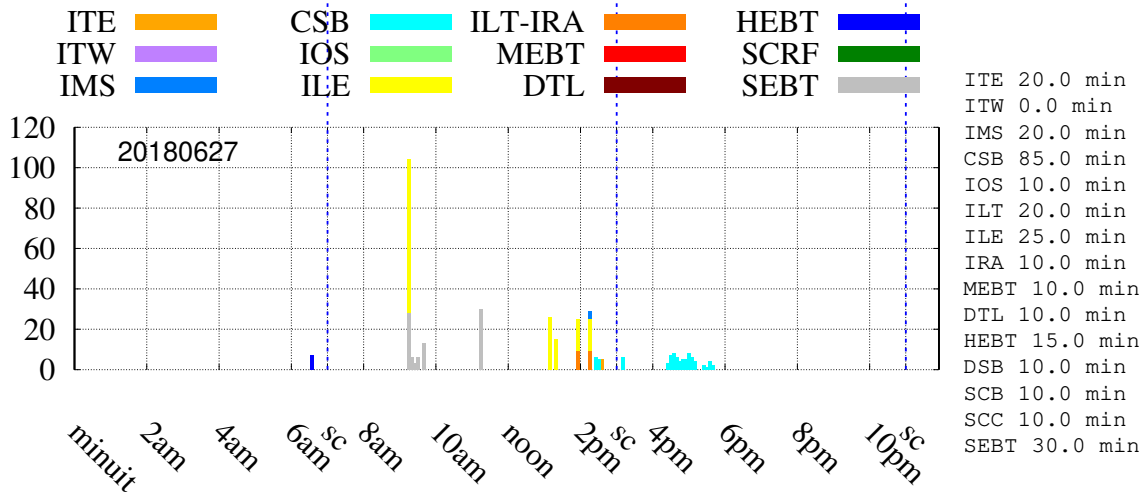
Total Commands (5min Binning)



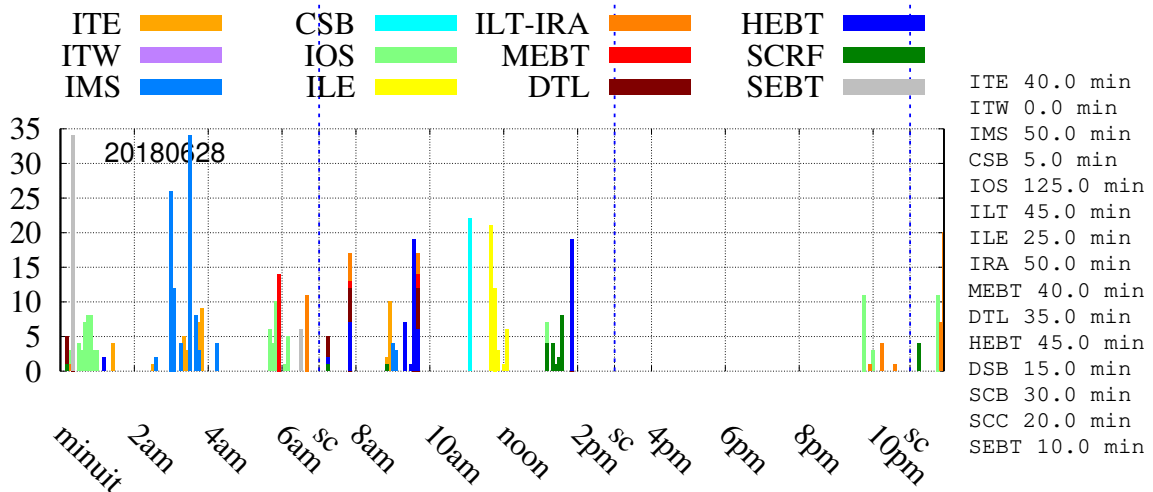
ITE	0.0 min
ITW	0.0 min
IMS	0.0 min
CSB	0.0 min
IOS	0.0 min
ILT	0.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	35.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min



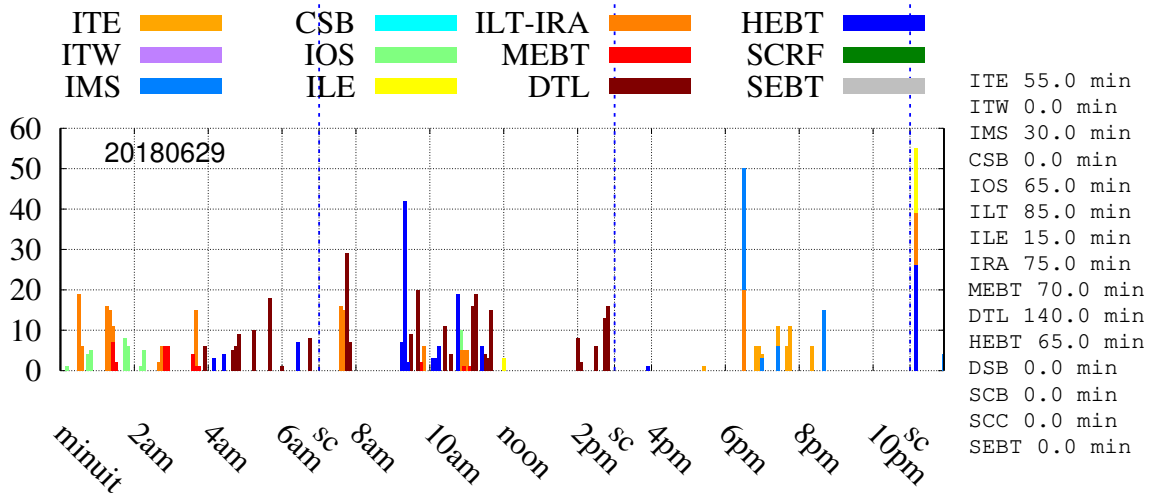
Total Commands (5min Binning)



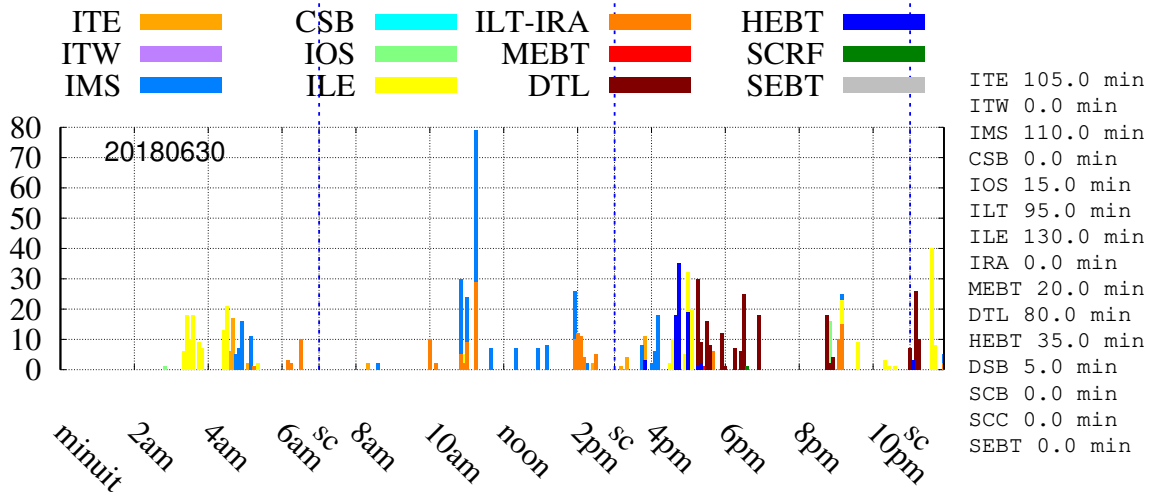
Total Commands (5min Binning)



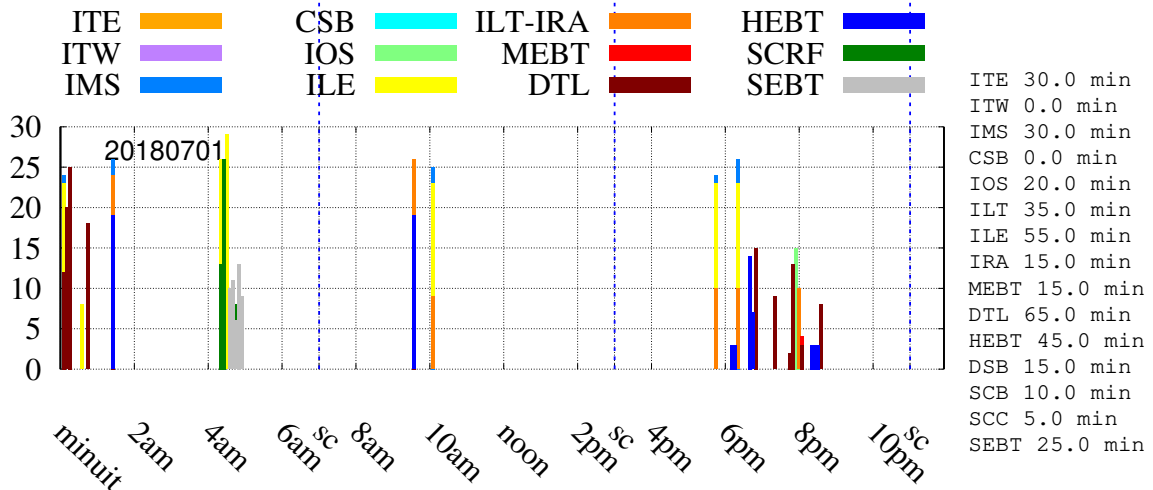
Total Commands (5min Binning)



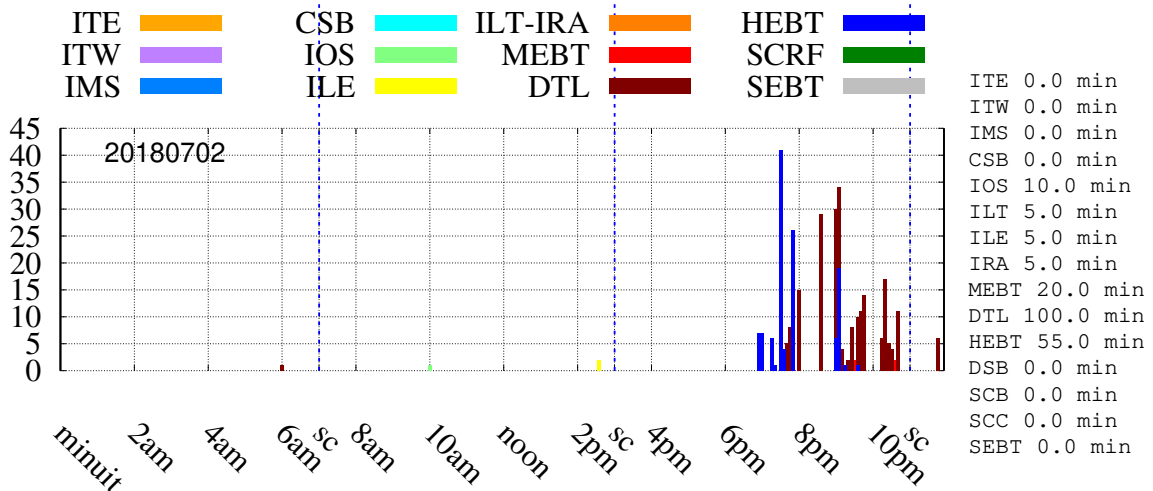
Total Commands (5min Binning)



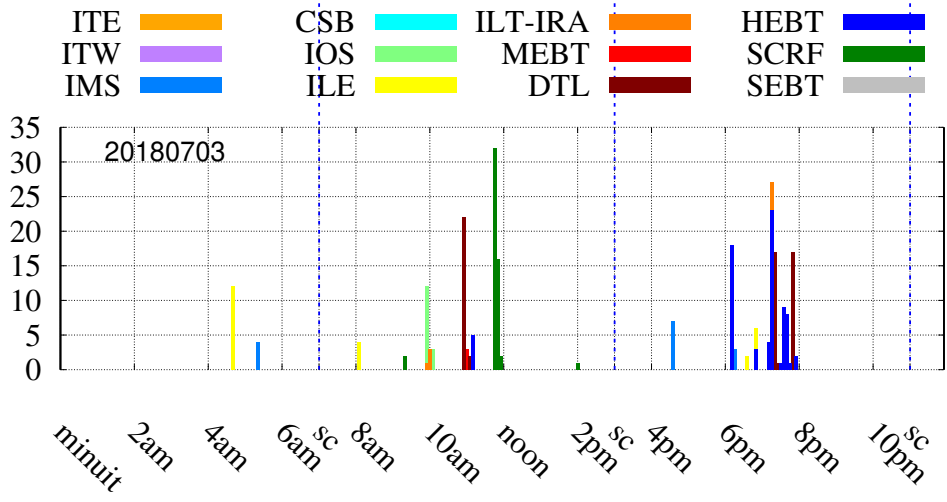
Total Commands (5min Binning)



Total Commands (5min Binning)

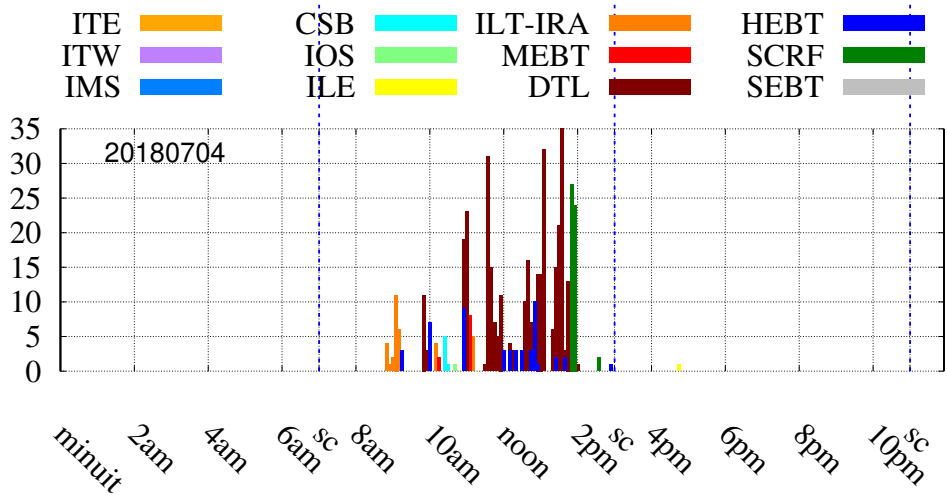


Total Commands (5min Binning)



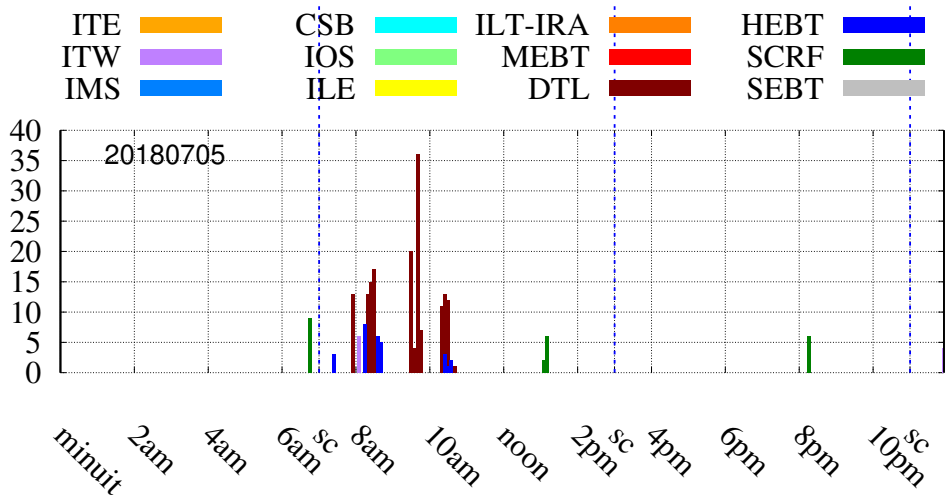
ITE	5.0 min
ITW	0.0 min
IMS	20.0 min
CSB	0.0 min
IOS	25.0 min
ILT-IRA	15.0 min
ILE	25.0 min
IRA	15.0 min
MEBT	15.0 min
DTL	40.0 min
HEBT	50.0 min
DSB	0.0 min
SCB	20.0 min
SCC	15.0 min
SEBT	0.0 min

Total Commands (5min Binning)



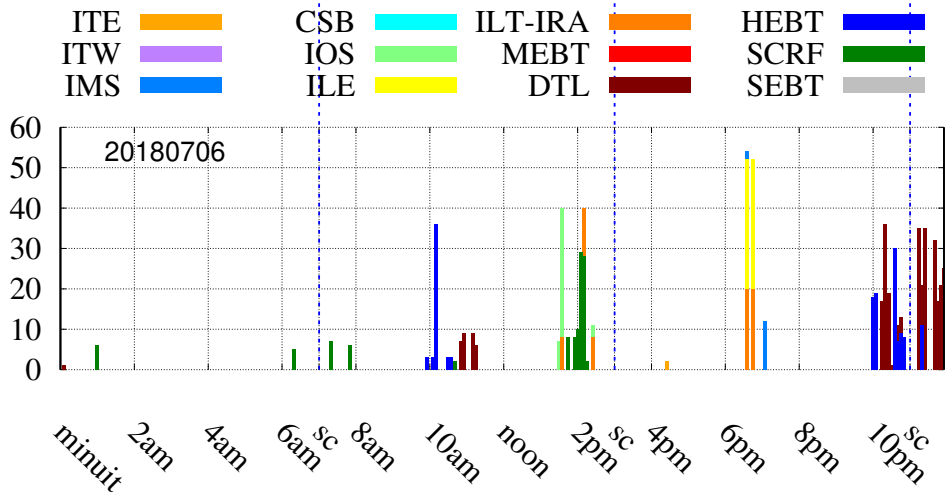
ITE	0.0 min
ITW	0.0 min
IMS	0.0 min
CSB	10.0 min
IOS	5.0 min
ILT-IRA	45.0 min
ILE	5.0 min
IRA	20.0 min
MEBT	35.0 min
DTL	135.0 min
HEBT	70.0 min
DSB	0.0 min
SCB	15.0 min
SCC	5.0 min
SEBT	0.0 min

Total Commands (5min Binning)



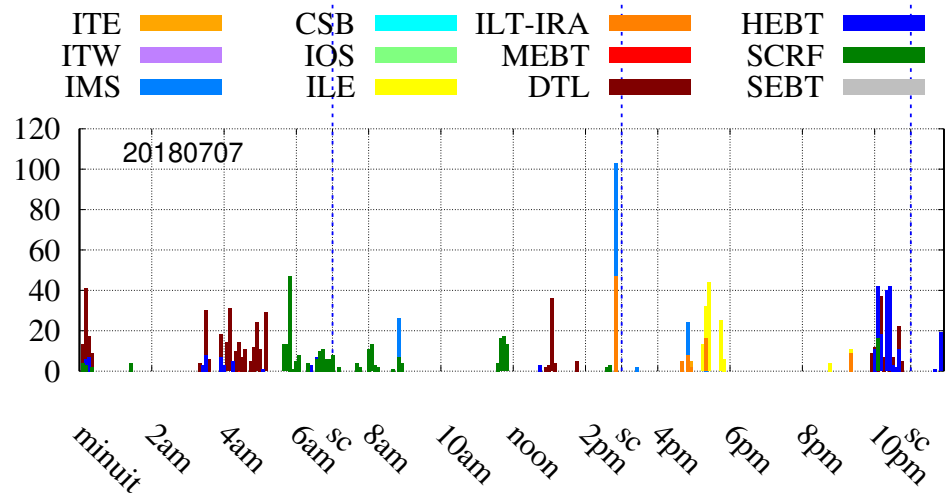
ITE	0.0 min
ITW	15.0 min
IMS	0.0 min
CSB	0.0 min
IOS	0.0 min
ILT-IRA	0.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	5.0 min
DTL	60.0 min
HEBT	35.0 min
DSB	0.0 min
SCB	10.0 min
SCC	15.0 min
SEBT	0.0 min

Total Commands (5min Binning)



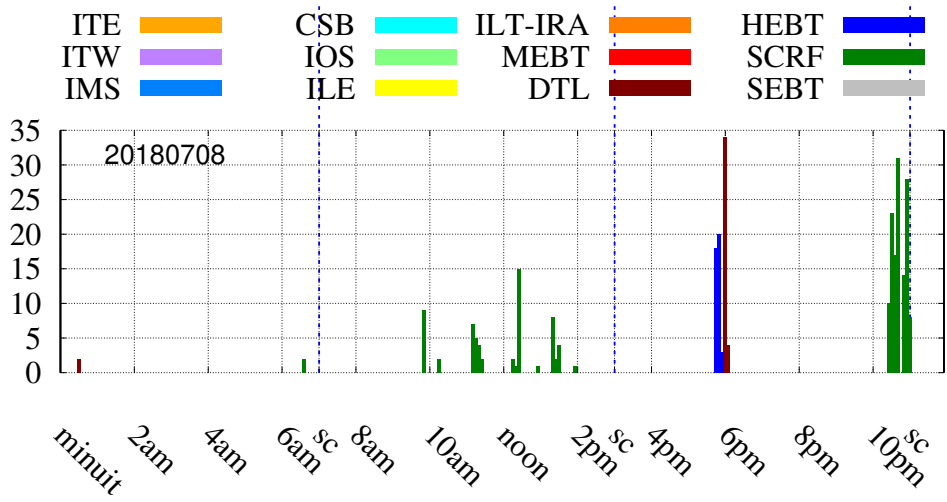
ITE 15.0 min
 ITW 0.0 min
 IMS 15.0 min
 CSB 0.0 min
 IOS 25.0 min
 ILE 10.0 min
 IRA 10.0 min
 MEBT 10.0 min
 DTL 105.0 min
 HEBT 65.0 min
 DSB 0.0 min
 SCB 55.0 min
 SCC 20.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



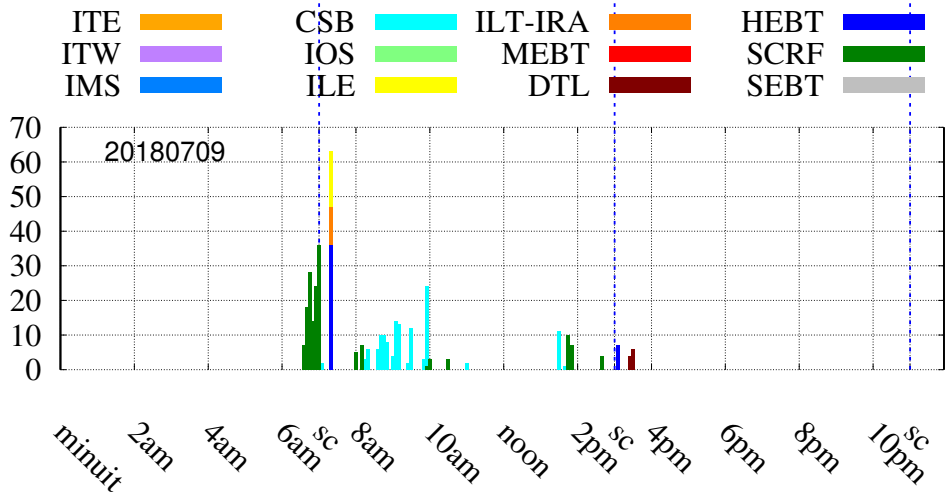
ITE 10.0 min
 ITW 0.0 min
 IMS 30.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILE 35.0 min
 IRA 0.0 min
 MEBT 5.0 min
 DTL 180.0 min
 HEBT 110.0 min
 DSB 0.0 min
 SCB 160.0 min
 SCC 25.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



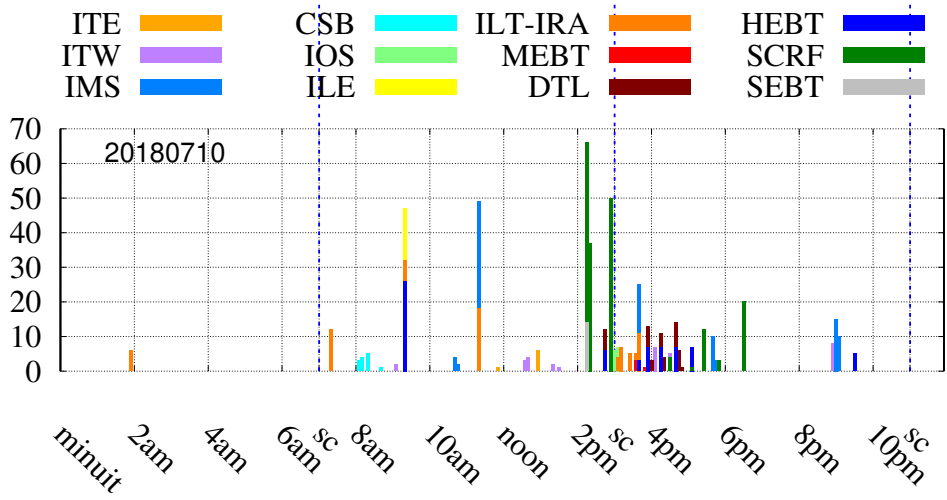
ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 5.0 min
 ILE 0.0 min
 IRA 10.0 min
 MEBT 10.0 min
 DTL 30.0 min
 HEBT 15.0 min
 DSB 0.0 min
 SCB 105.0 min
 SCC 10.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



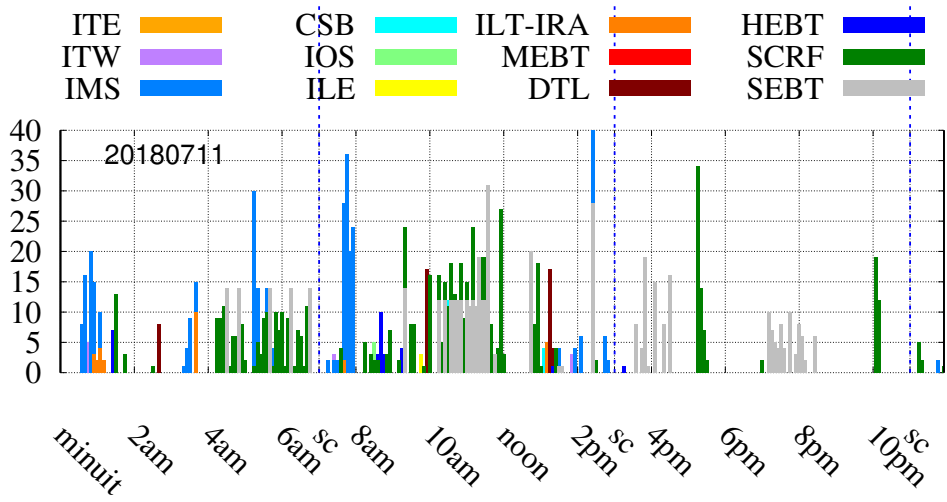
ITE	5.0 min
ITW	0.0 min
IMS	5.0 min
CSB	85.0 min
IOS	5.0 min
ILT-IRA	5.0 min
ILE	5.0 min
IRA	5.0 min
MEBT	5.0 min
DTL	20.0 min
HEBT	10.0 min
DSB	0.0 min
SCB	65.0 min
SCC	5.0 min
SEBT	0.0 min

Total Commands (5min Binning)



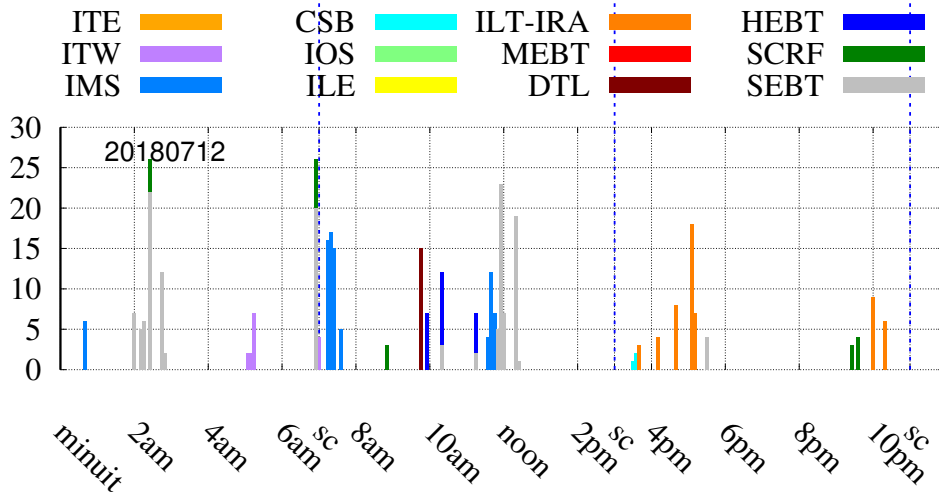
ITE	15.0 min
ITW	65.0 min
IMS	45.0 min
CSB	20.0 min
IOS	30.0 min
ILT-IRA	50.0 min
ILE	10.0 min
IRA	30.0 min
MEBT	30.0 min
DTL	60.0 min
HEBT	45.0 min
DSB	5.0 min
SCB	35.0 min
SCC	20.0 min
SEBT	5.0 min

Total Commands (5min Binning)



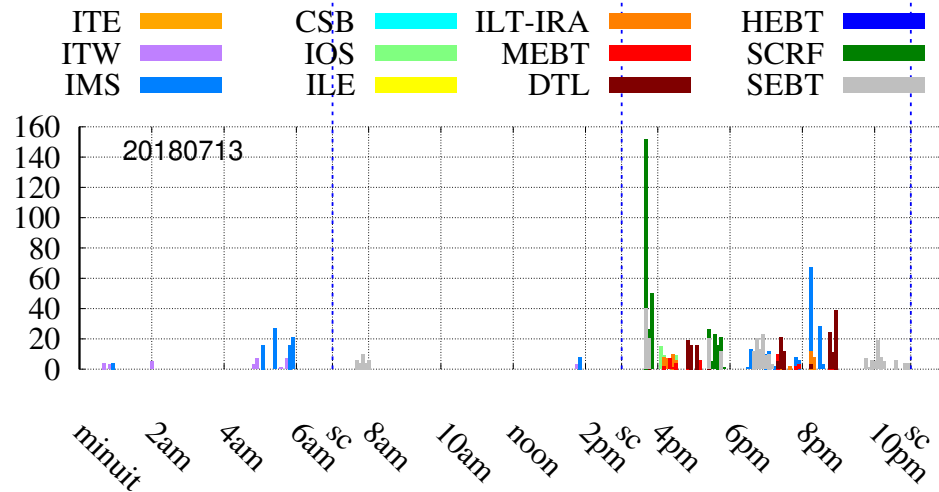
ITE	0.0 min
ITW	25.0 min
IMS	170.0 min
CSB	25.0 min
IOS	15.0 min
ILT-IRA	45.0 min
ILE	5.0 min
IRA	10.0 min
MEBT	15.0 min
DTL	45.0 min
HEBT	60.0 min
DSB	35.0 min
SCB	375.0 min
SCC	145.0 min
SEBT	220.0 min

Total Commands (5min Binning)



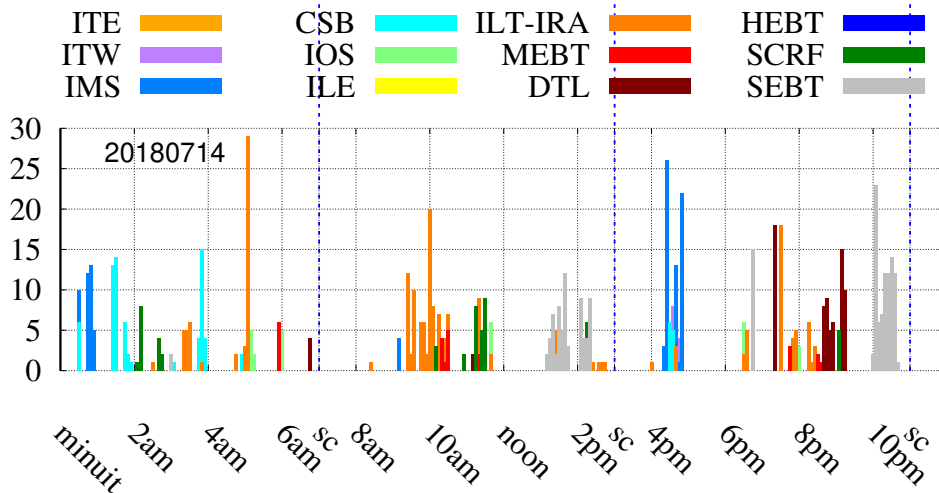
ITE	0.0 min
ITW	20.0 min
IMS	40.0 min
CSB	10.0 min
IOS	10.0 min
ILT	45.0 min
IRA	10.0 min
MEBT	10.0 min
DTL	15.0 min
HEBT	25.0 min
DSB	10.0 min
SCB	25.0 min
SCC	10.0 min
SEBT	75.0 min

Total Commands (5min Binning)



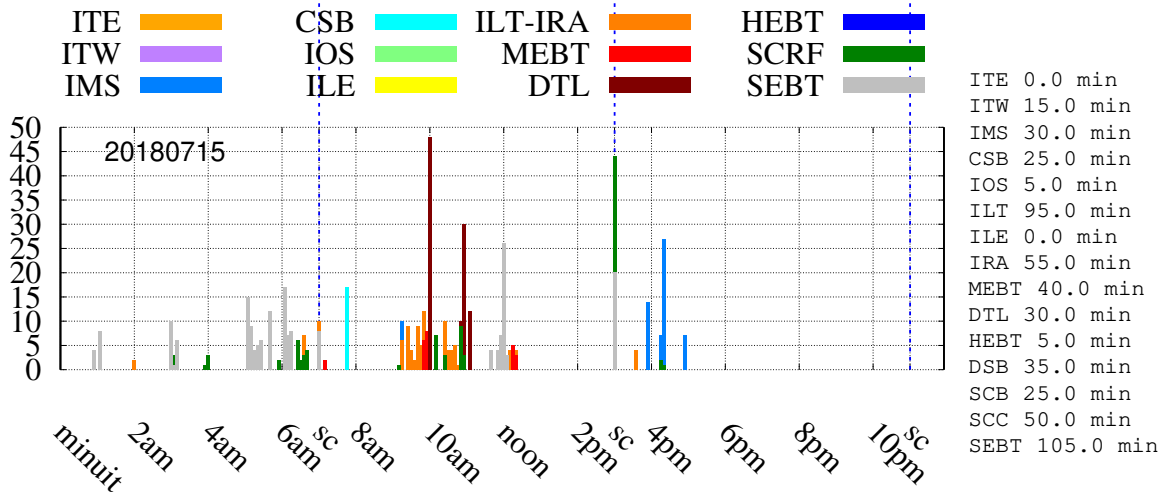
ITE	0.0 min
ITW	60.0 min
IMS	100.0 min
CSB	0.0 min
IOS	35.0 min
ILT	80.0 min
IRA	55.0 min
MEBT	80.0 min
DTL	70.0 min
HEBT	15.0 min
DSB	15.0 min
SCB	45.0 min
SCC	20.0 min
SEBT	130.0 min

Total Commands (5min Binning)

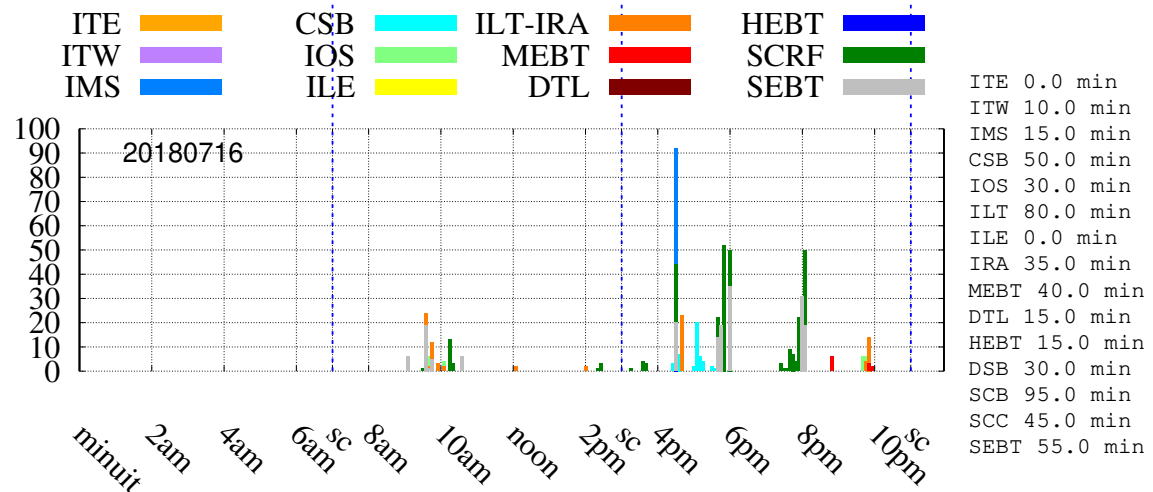


ITE	0.0 min
ITW	25.0 min
IMS	55.0 min
CSB	70.0 min
IOS	35.0 min
ILT	170.0 min
IRA	75.0 min
MEBT	50.0 min
DTL	50.0 min
HEBT	0.0 min
DSB	15.0 min
SCB	30.0 min
SCC	30.0 min
SEBT	115.0 min

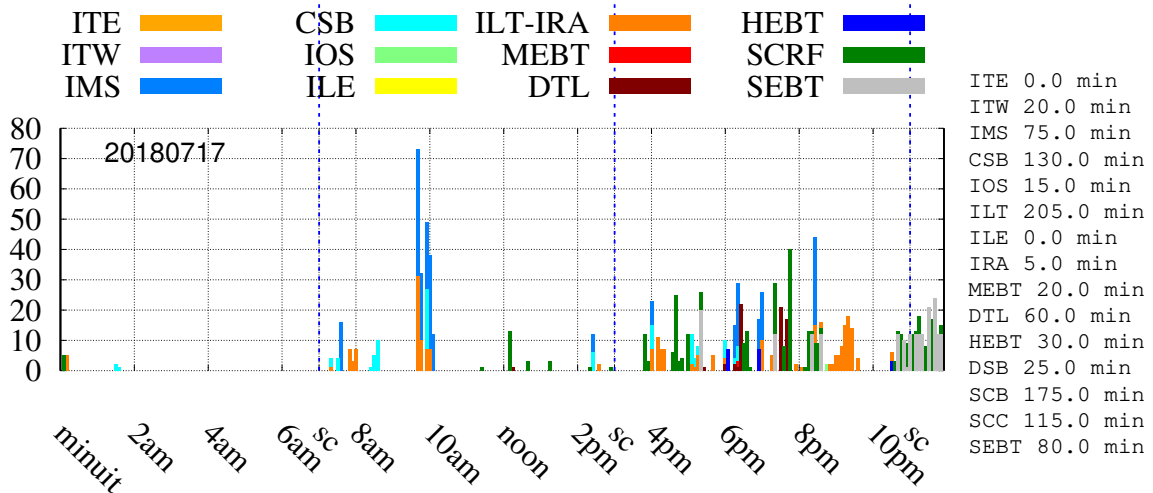
Total Commands (5min Binning)



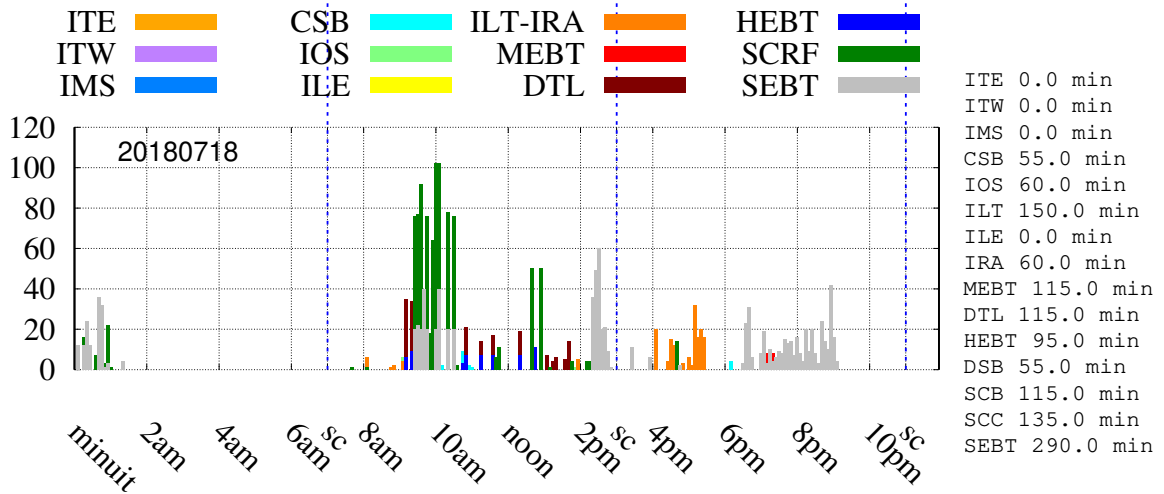
Total Commands (5min Binning)



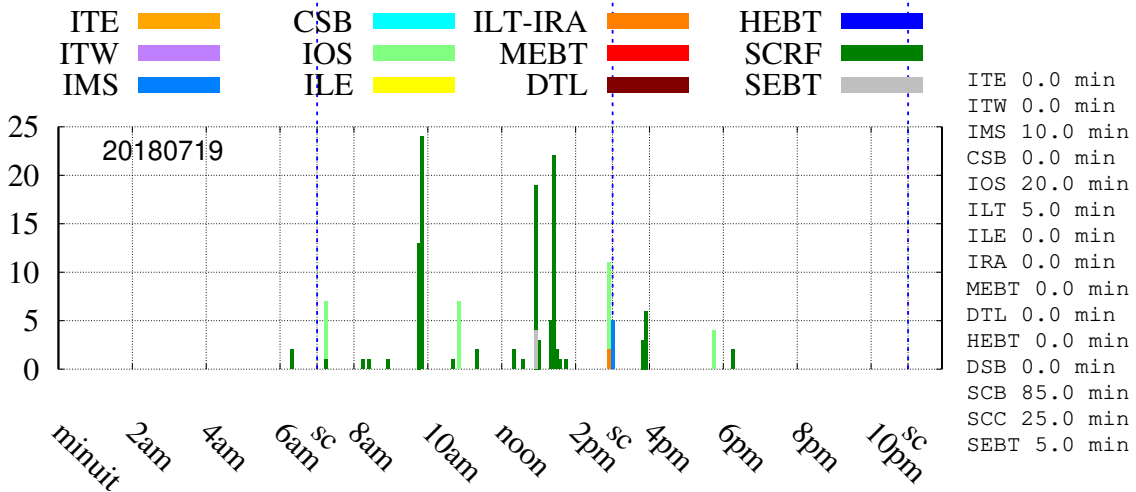
Total Commands (5min Binning)



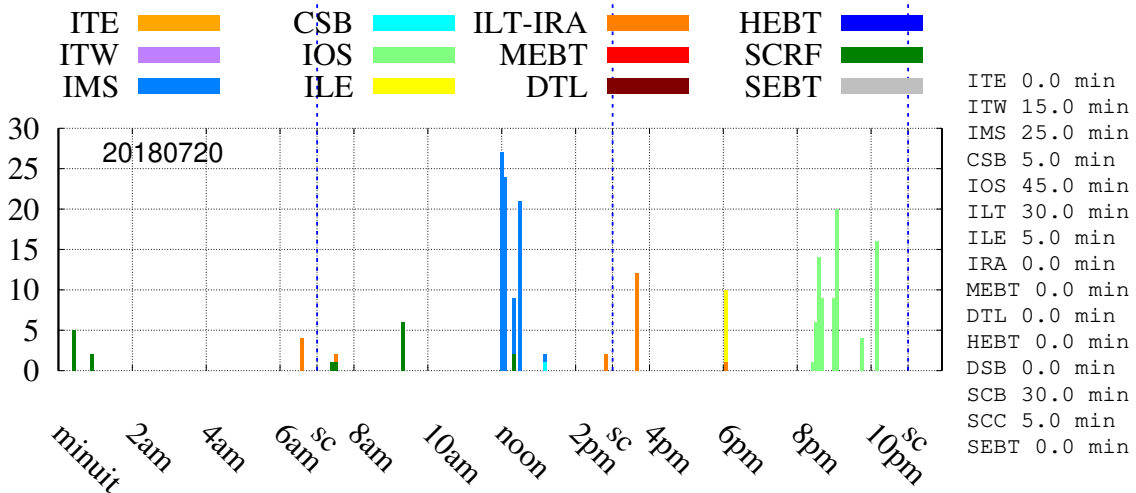
Total Commands (5min Binning)

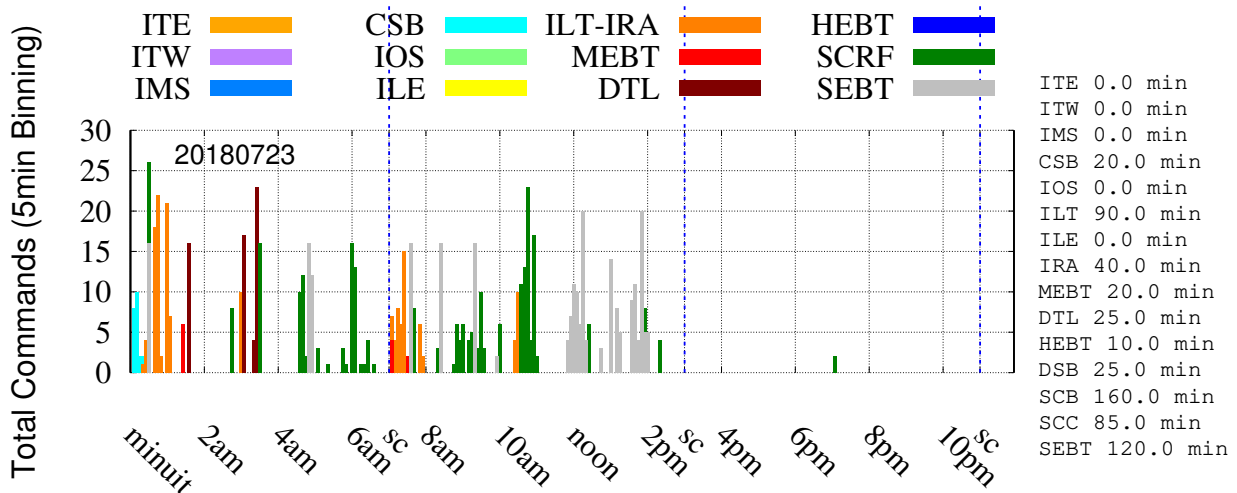
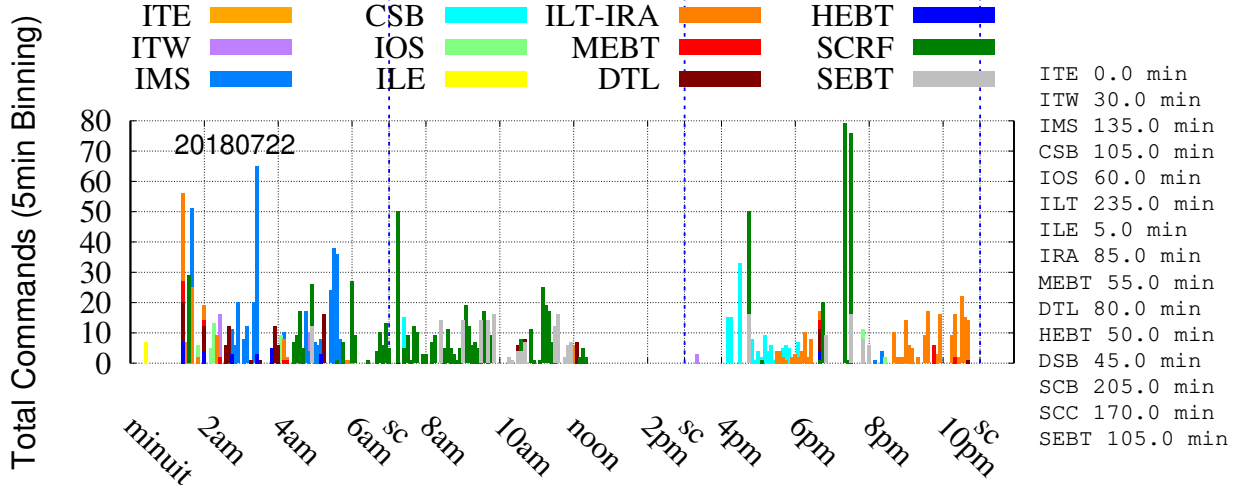
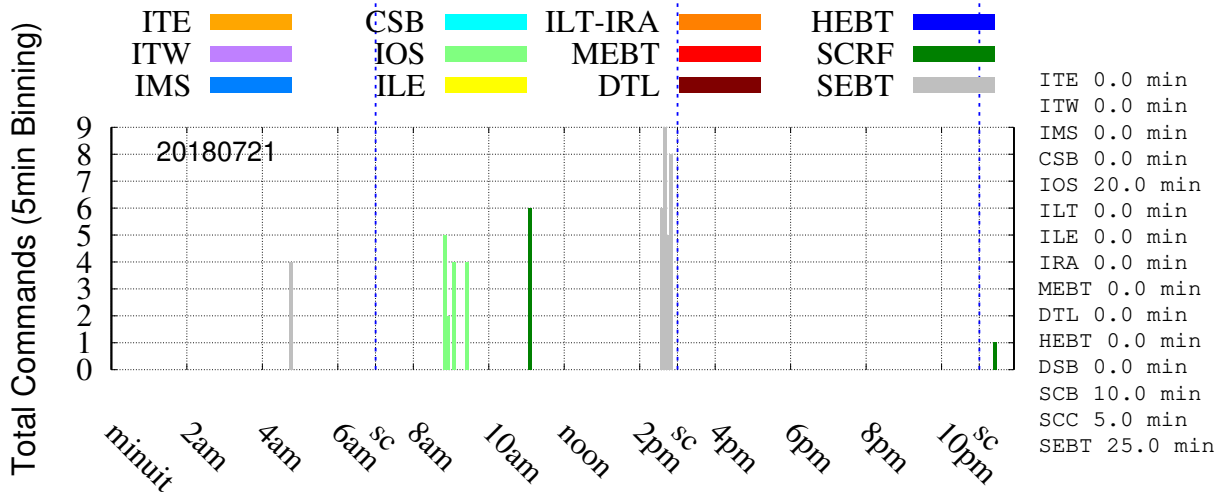


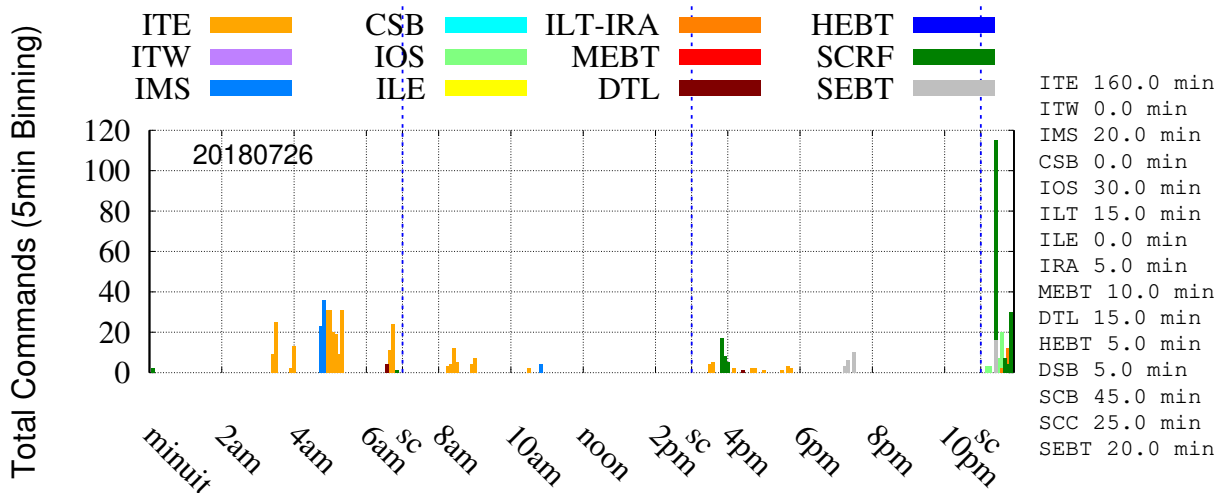
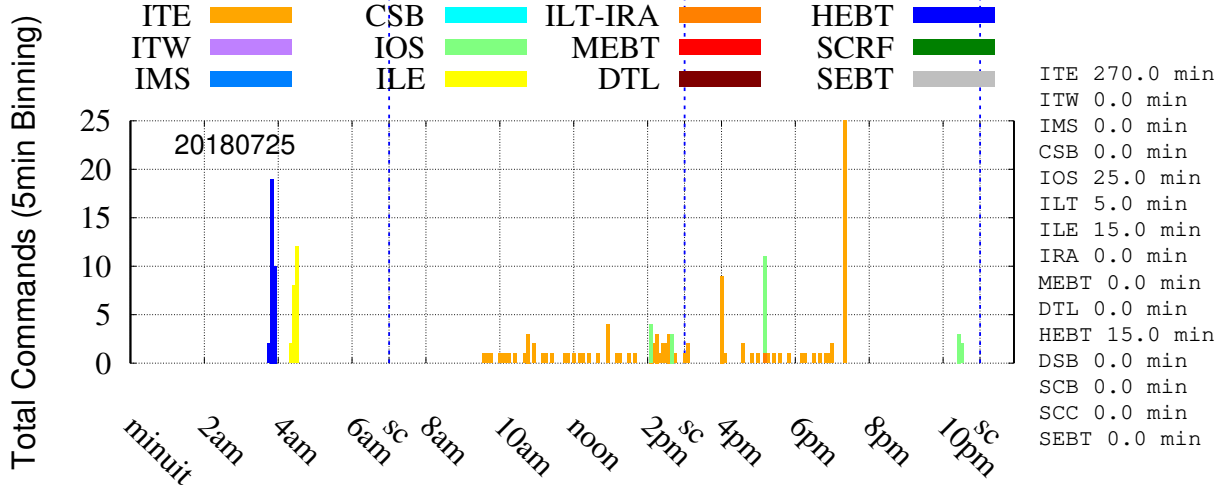
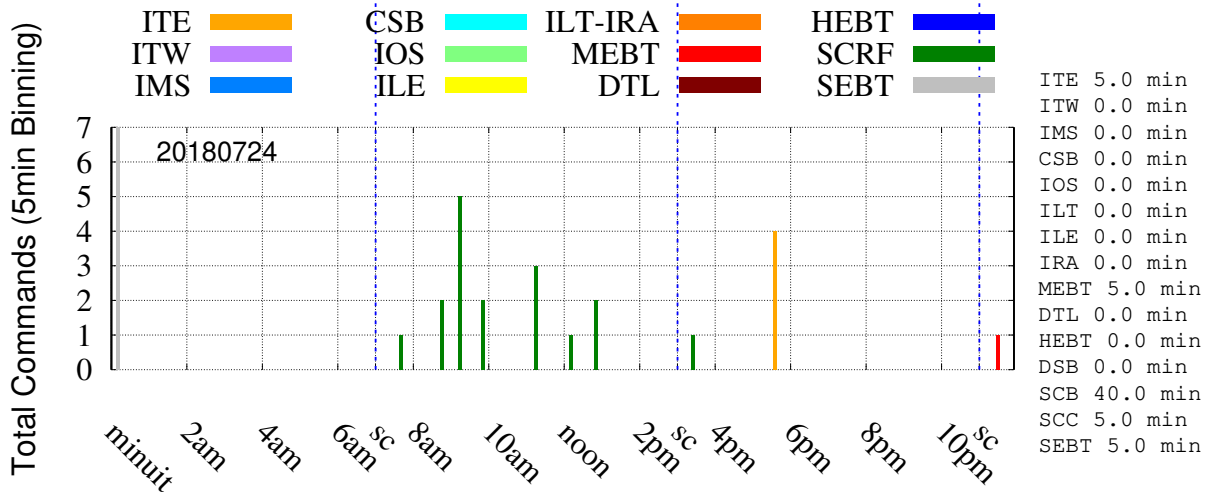
Total Commands (5min Binning)



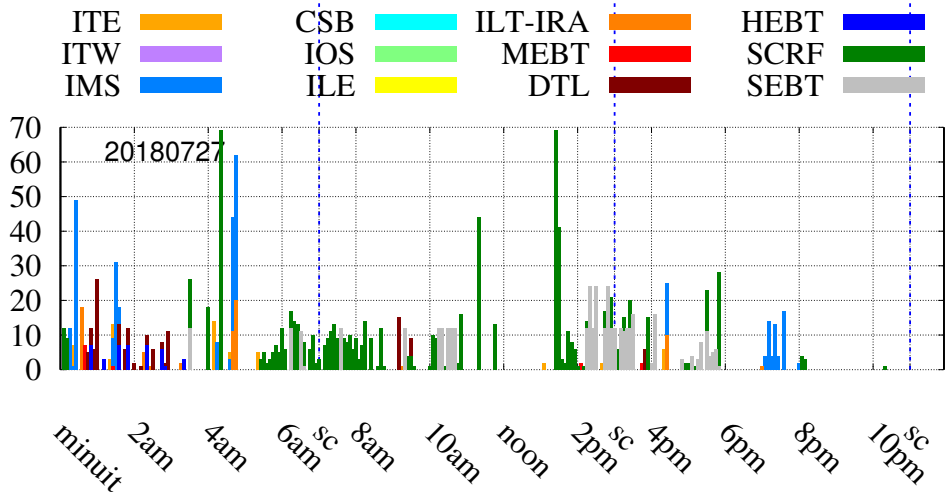
Total Commands (5min Binning)





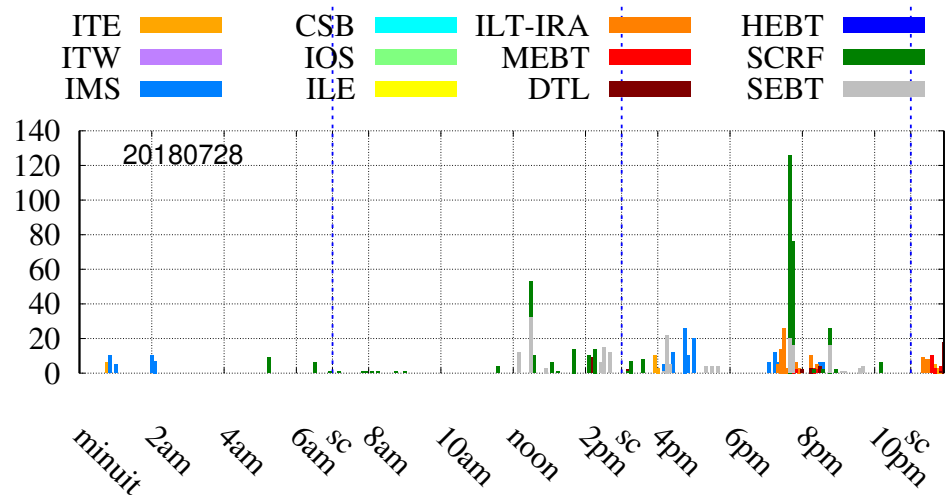


Total Commands (5min Binning)



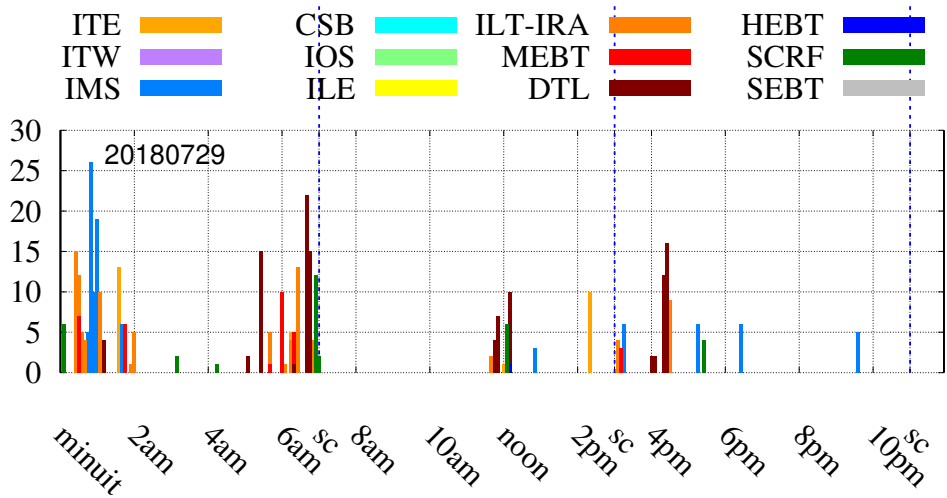
ITE 80.0 min
 ITW 0.0 min
 IMS 110.0 min
 CSB 5.0 min
 IOS 0.0 min
 ILT 65.0 min
 IRA 20.0 min
 MEBT 35.0 min
 DTL 95.0 min
 HEBT 45.0 min
 DSB 30.0 min
 SCB 340.0 min
 SCC 165.0 min
 SEBT 175.0 min

Total Commands (5min Binning)



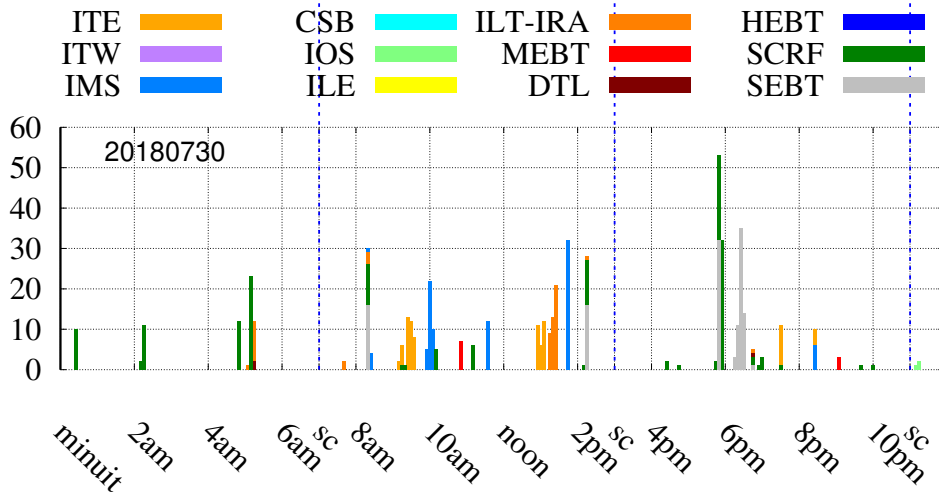
ITE 35.0 min
 ITW 0.0 min
 IMS 85.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 65.0 min
 IRA 40.0 min
 MEBT 50.0 min
 DTL 55.0 min
 HEBT 15.0 min
 DSB 60.0 min
 SCB 60.0 min
 SCC 80.0 min
 SEBT 95.0 min

Total Commands (5min Binning)



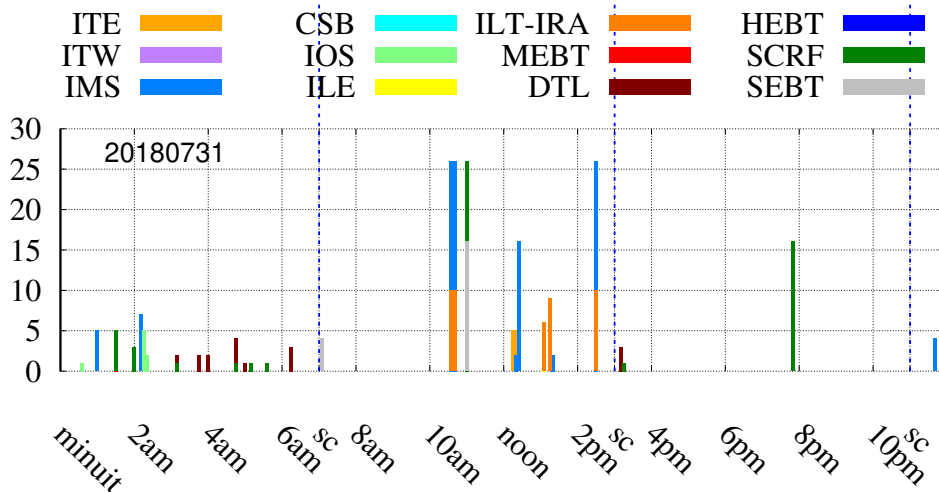
ITE 40.0 min
 ITW 0.0 min
 IMS 60.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 65.0 min
 IRA 55.0 min
 MEBT 50.0 min
 DTL 70.0 min
 HEBT 5.0 min
 DSB 15.0 min
 SCB 5.0 min
 SCC 15.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



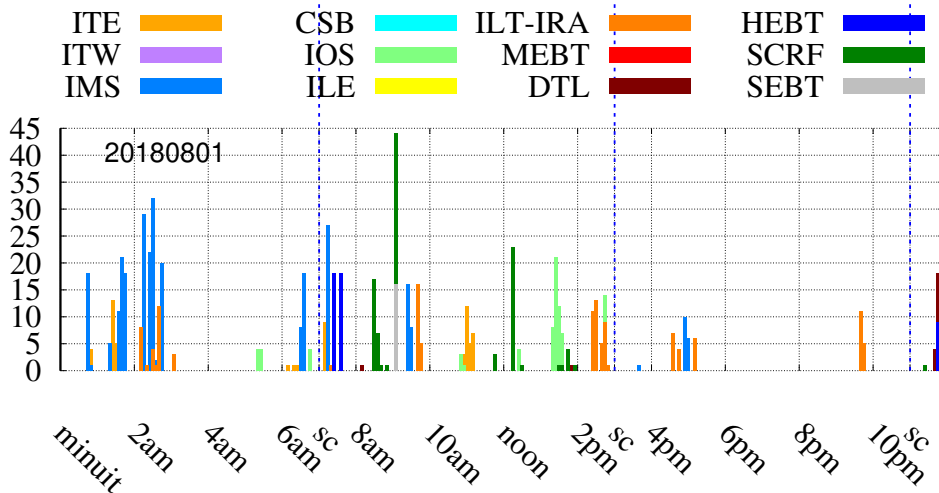
ITE	60.0 min
ITW	5.0 min
IMS	45.0 min
CSB	5.0 min
IOS	25.0 min
ILT-IRA	50.0 min
ILE	0.0 min
IRA	45.0 min
MEBT	30.0 min
DTL	30.0 min
HEBT	20.0 min
DSB	45.0 min
SCB	85.0 min
SCC	45.0 min
SEBT	40.0 min

Total Commands (5min Binning)



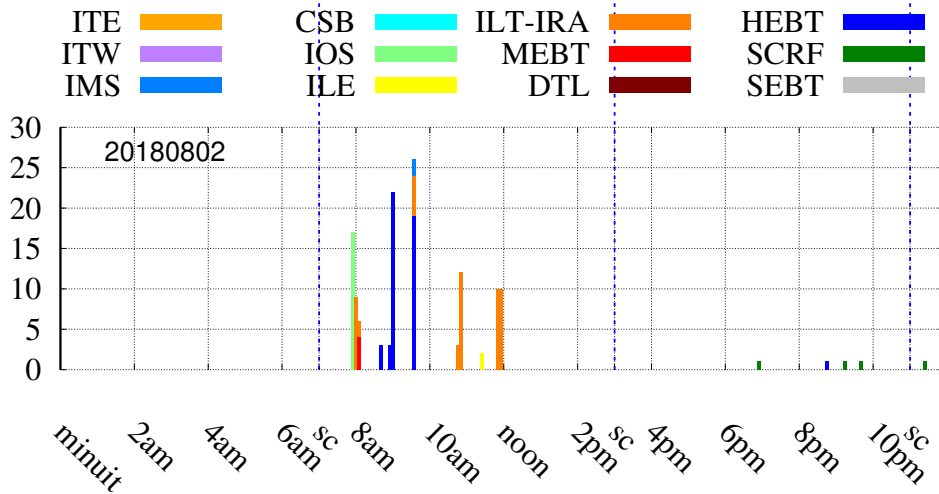
ITE	30.0 min
ITW	0.0 min
IMS	45.0 min
CSB	0.0 min
IOS	20.0 min
ILT-IRA	30.0 min
ILE	10.0 min
IRA	5.0 min
MEBT	20.0 min
DTL	50.0 min
HEBT	5.0 min
DSB	5.0 min
SCB	40.0 min
SCC	10.0 min
SEBT	10.0 min

Total Commands (5min Binning)



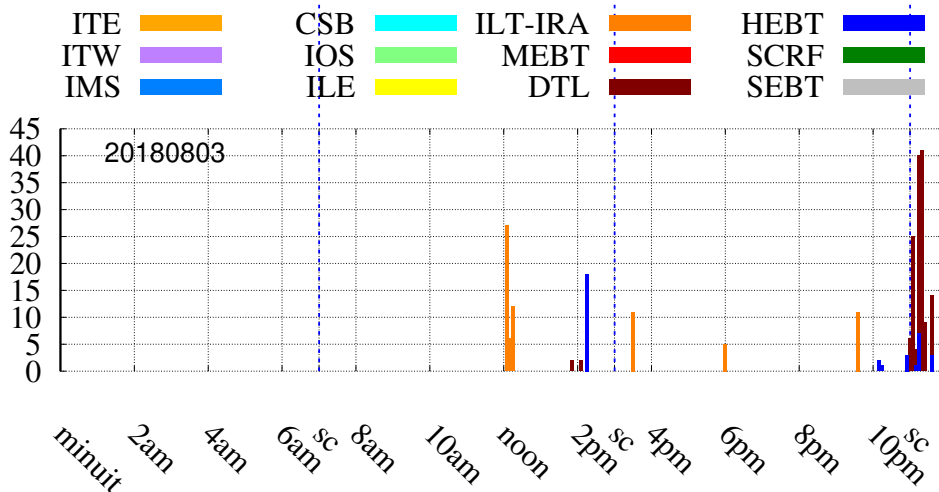
ITE	75.0 min
ITW	0.0 min
IMS	100.0 min
CSB	0.0 min
IOS	75.0 min
ILT-IRA	105.0 min
ILE	0.0 min
IRA	35.0 min
MEBT	15.0 min
DTL	40.0 min
HEBT	20.0 min
DSB	10.0 min
SCB	55.0 min
SCC	25.0 min
SEBT	5.0 min

Total Commands (5min Binning)



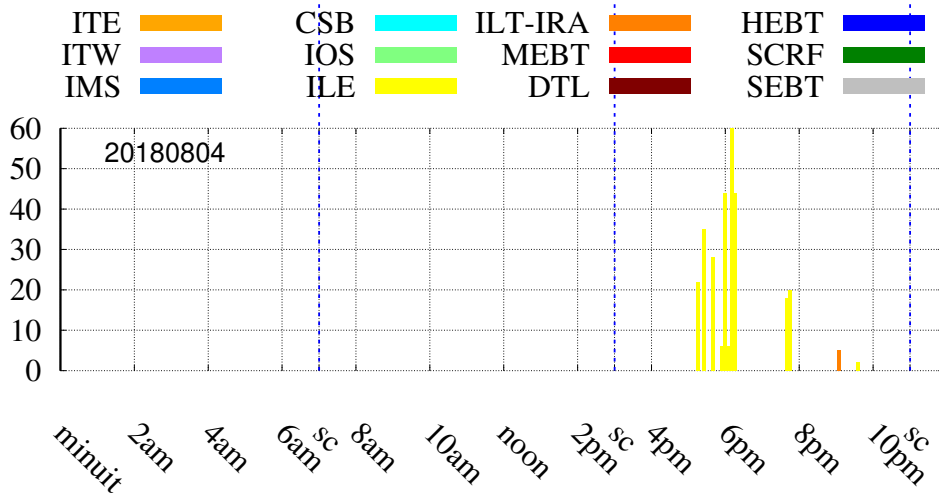
ITE 5.0 min
 ITW 0.0 min
 IMS 5.0 min
 CSB 0.0 min
 IOS 15.0 min
 ILE 10.0 min
 IRA 15.0 min
 MEBT 10.0 min
 DTL 5.0 min
 HEBT 25.0 min
 DSB 0.0 min
 SCB 20.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



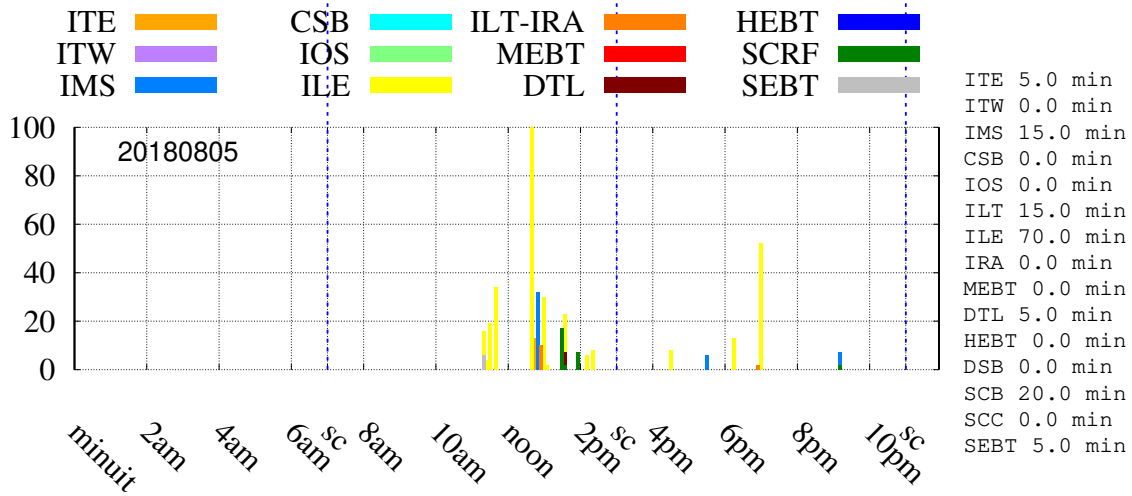
ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 5.0 min
 DTL 45.0 min
 HEBT 35.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)

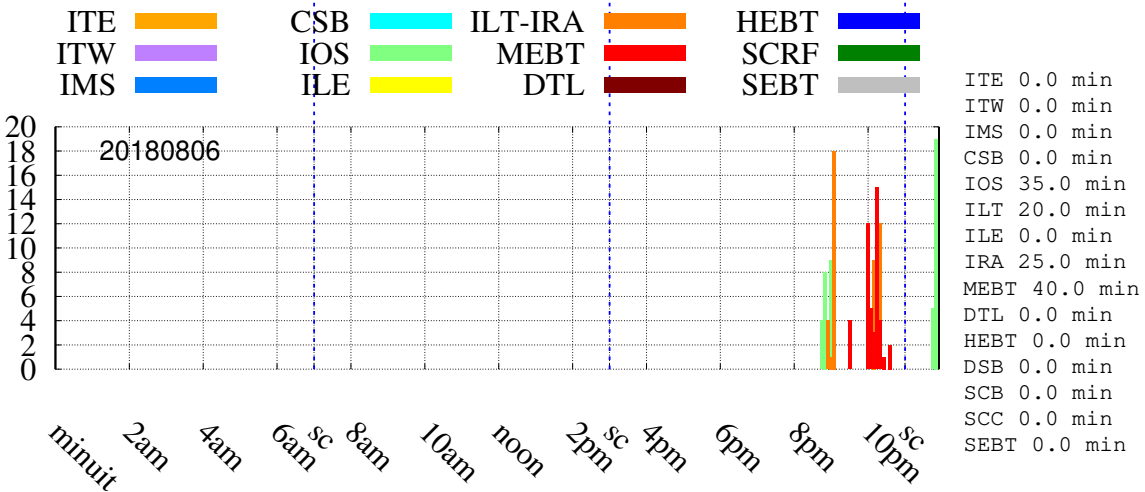


ITE 0.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILE 55.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

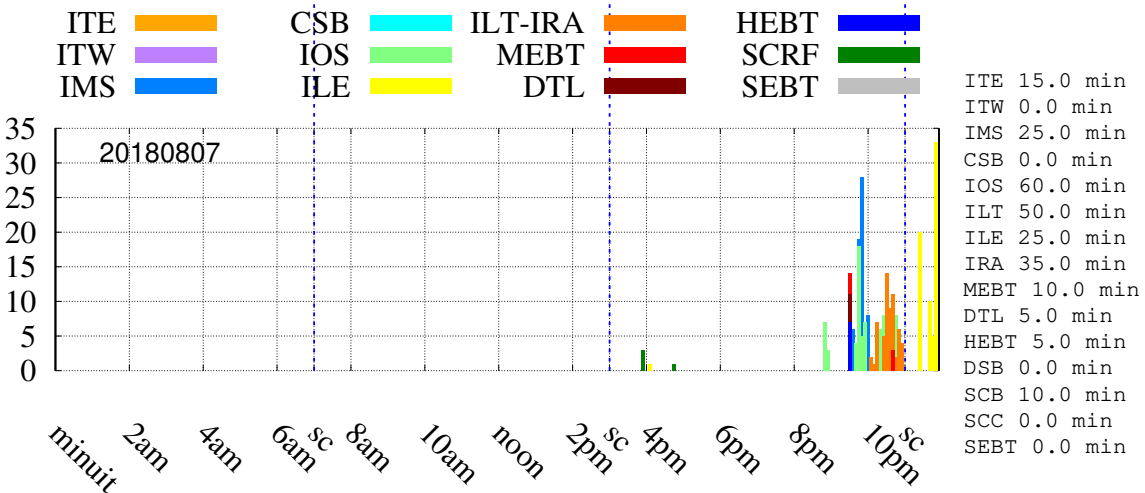
Total Commands (5min Binning)



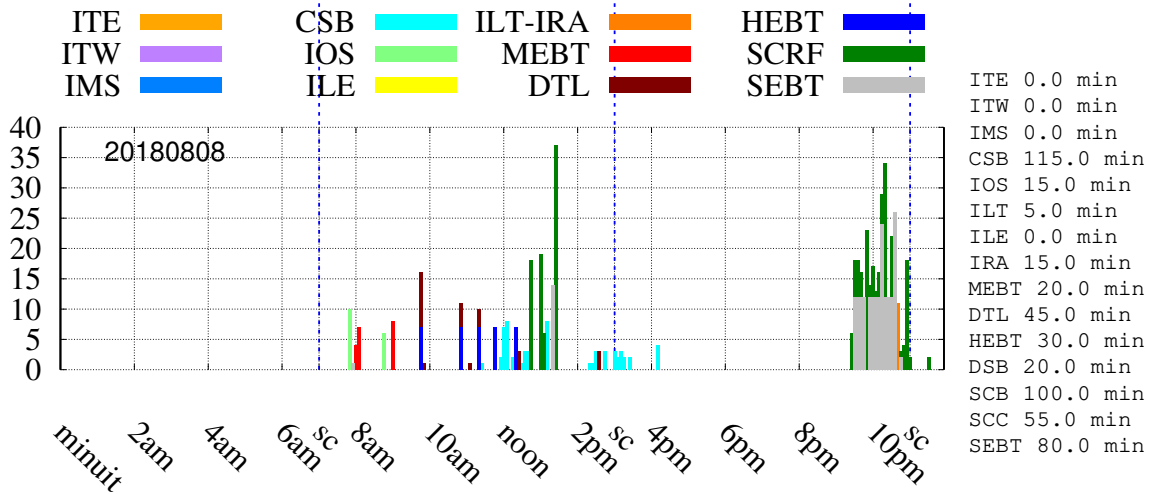
Total Commands (5min Binning)



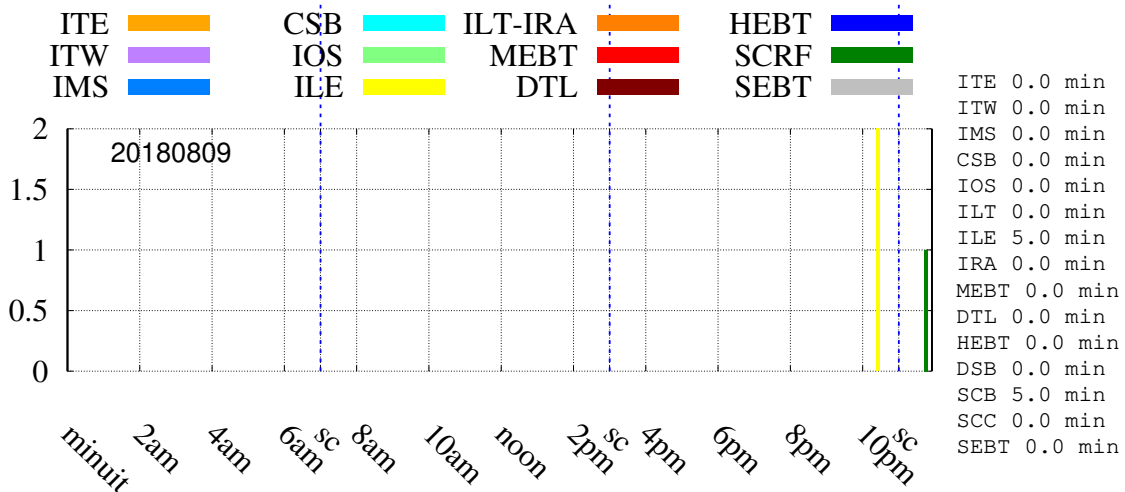
Total Commands (5min Binning)



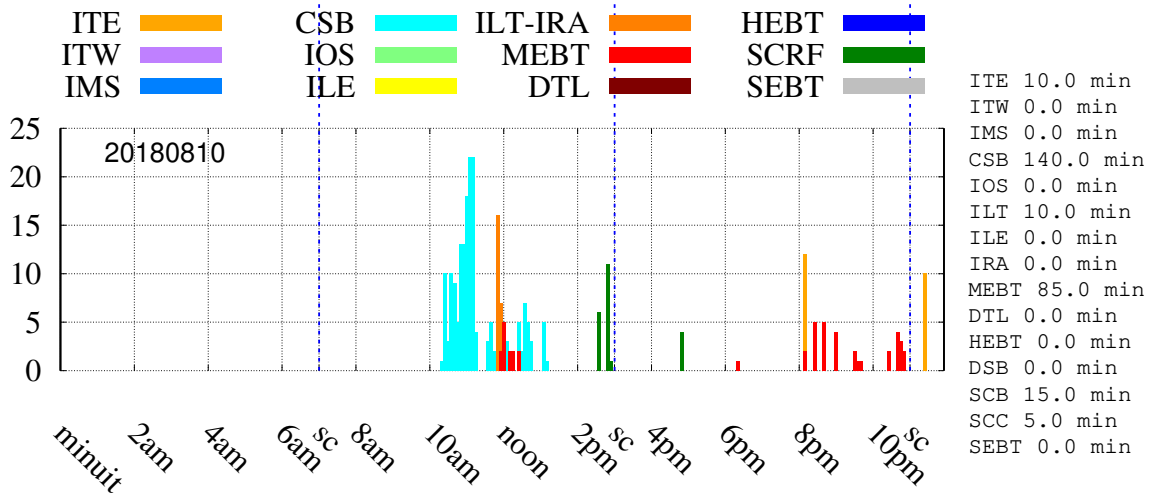
Total Commands (5min Binning)



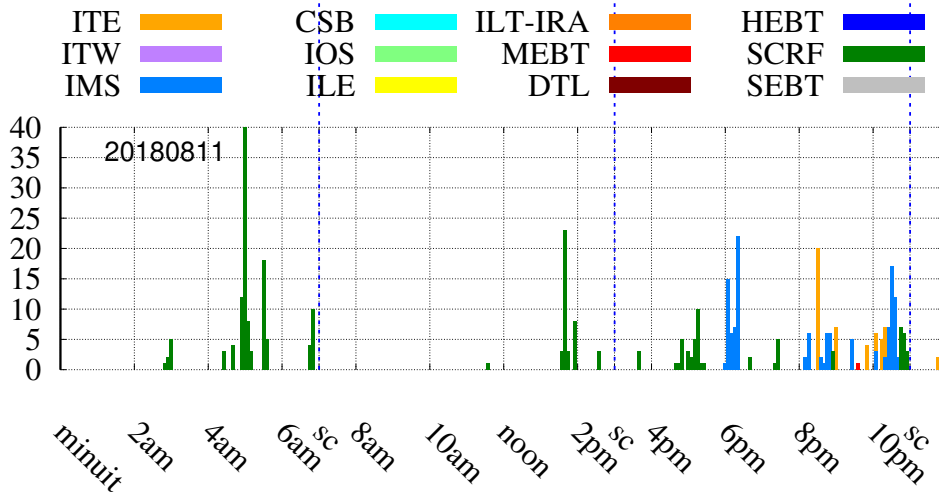
Total Commands (5min Binning)



Total Commands (5min Binning)

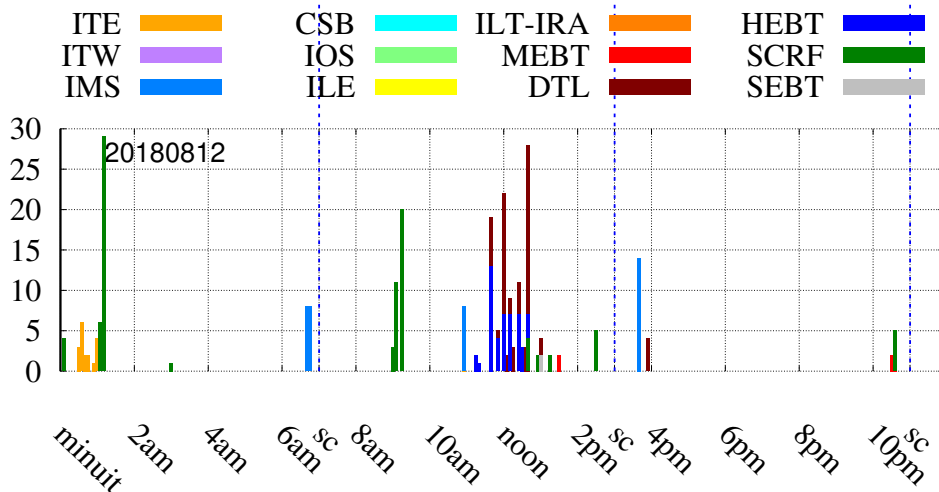


Total Commands (5min Binning)



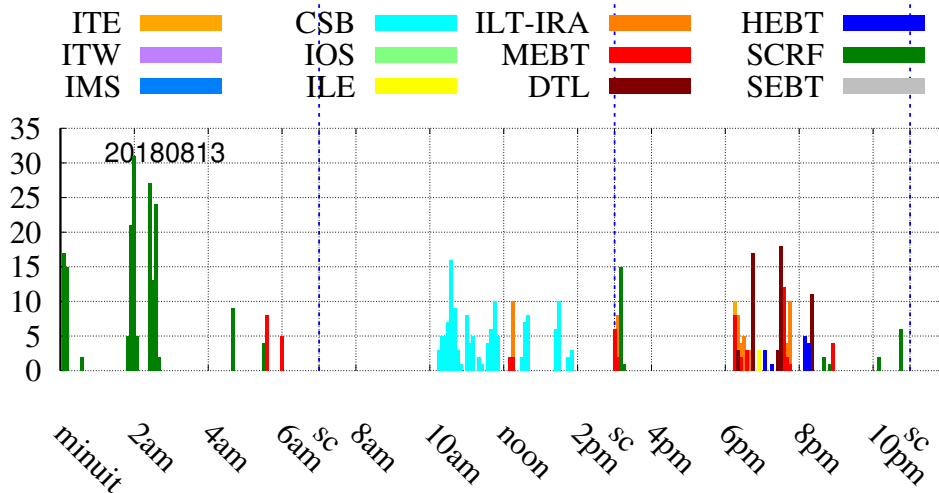
ITE 60.0 min
 ITW 0.0 min
 IMS 90.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 0.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 5.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 5.0 min
 SCB 180.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)

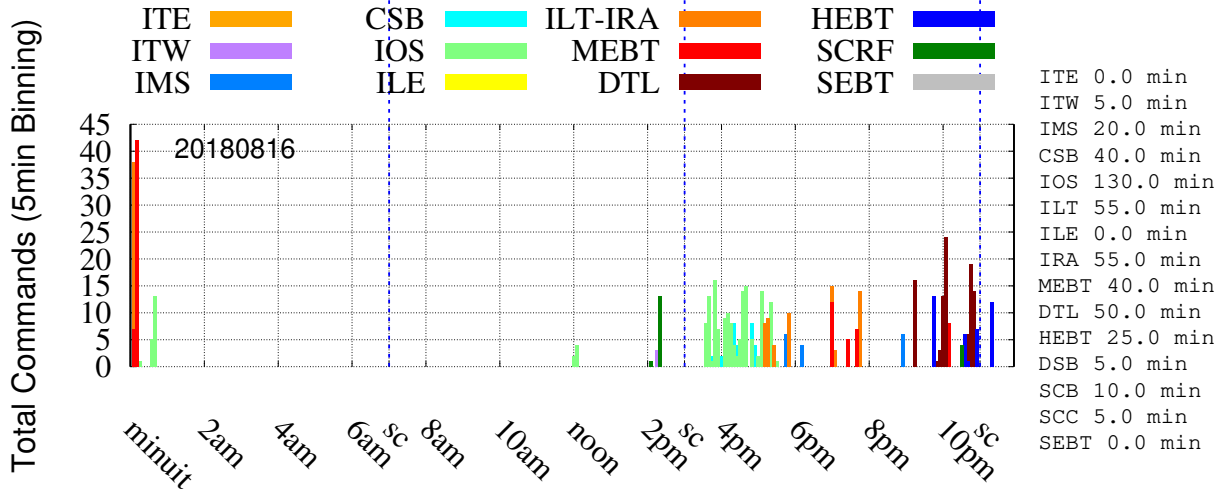
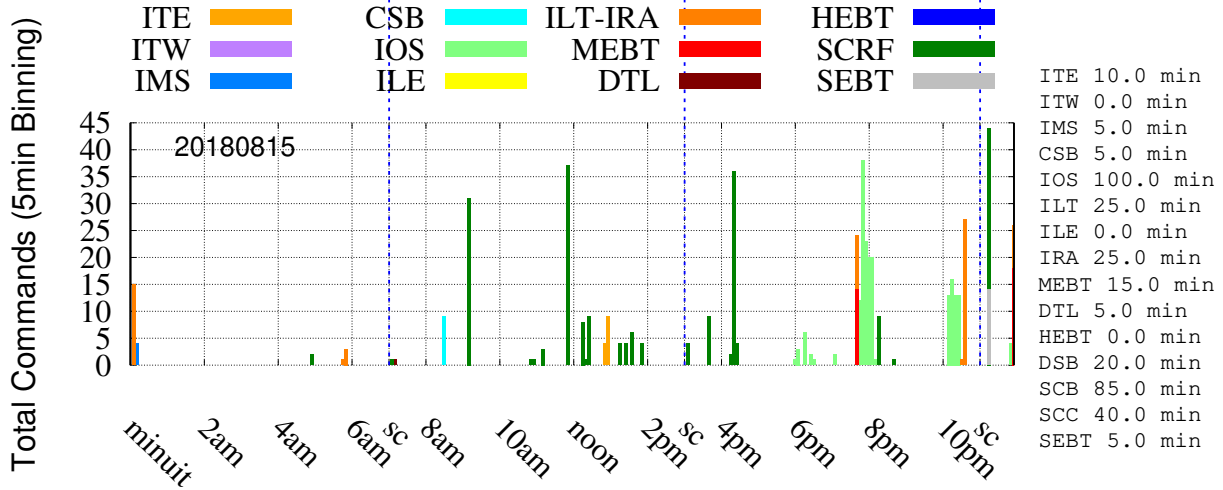
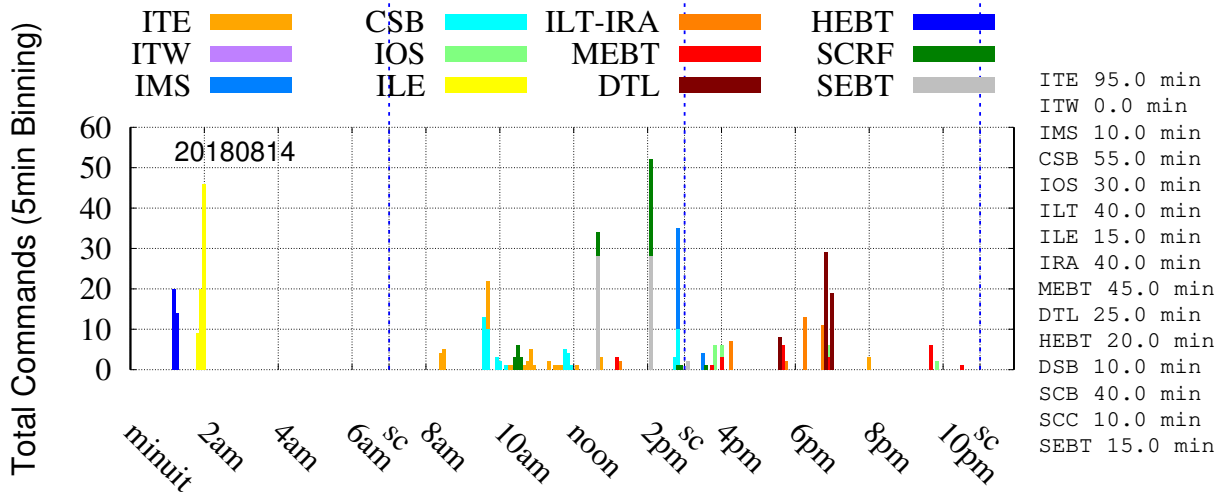


ITE 35.0 min
 ITW 0.0 min
 IMS 20.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 0.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 15.0 min
 DTL 55.0 min
 HEBT 45.0 min
 DSB 5.0 min
 SCB 55.0 min
 SCC 0.0 min
 SEBT 5.0 min

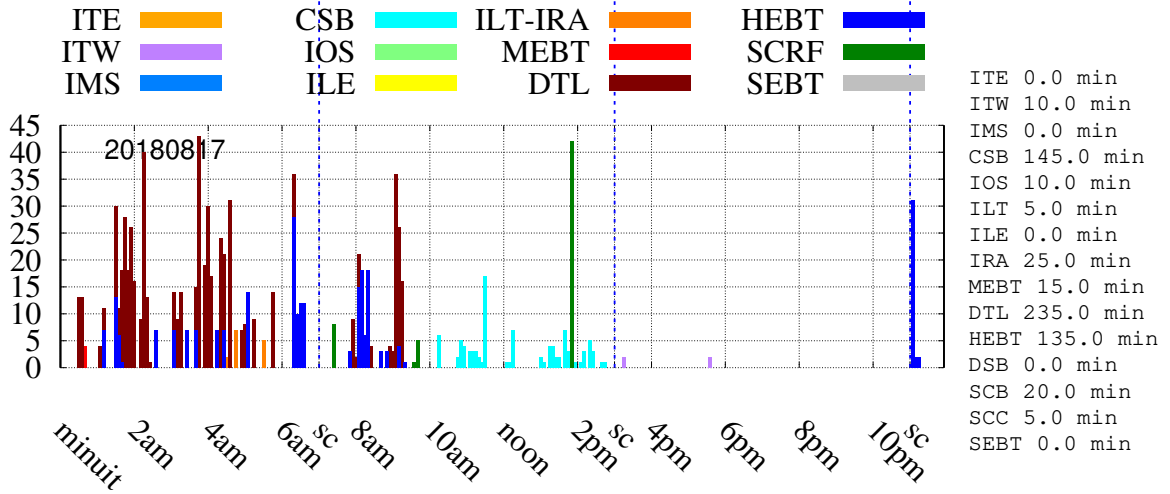
Total Commands (5min Binning)



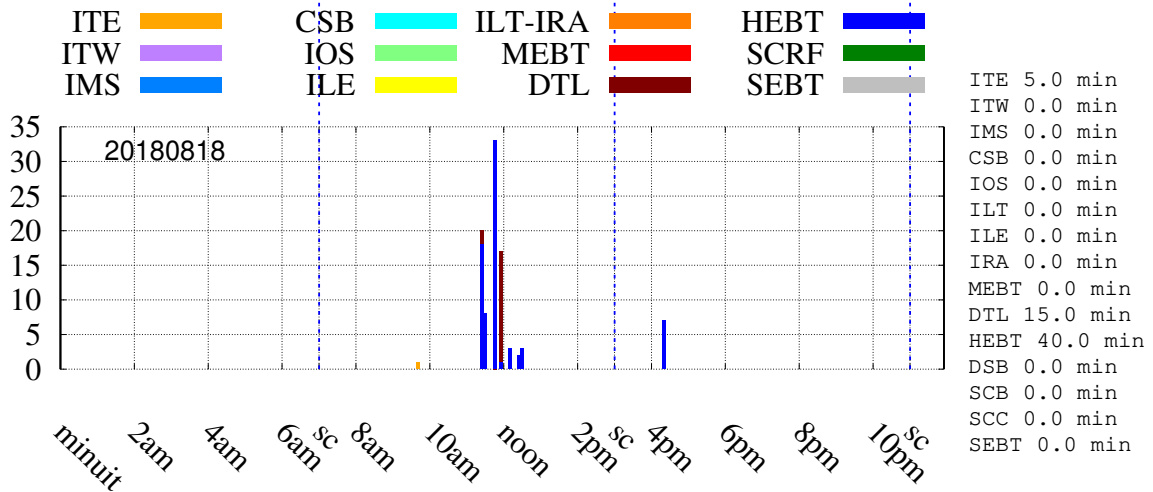
ITE 5.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 120.0 min
 IOS 0.0 min
 ILT 35.0 min
 ILE 5.0 min
 IRA 45.0 min
 MEBT 80.0 min
 DTL 30.0 min
 HEBT 20.0 min
 DSB 0.0 min
 SCB 95.0 min
 SCC 0.0 min
 SEBT 0.0 min



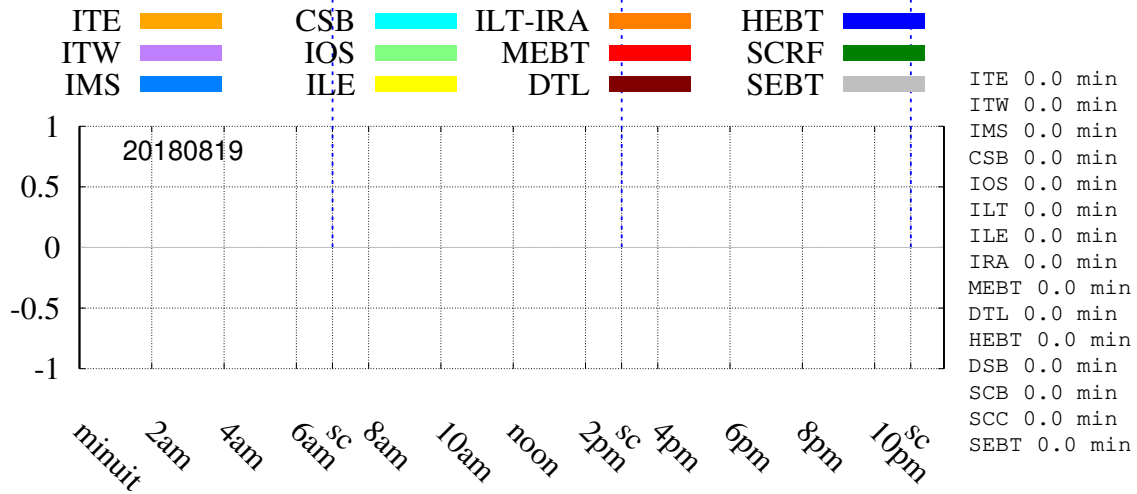
Total Commands (5min Binning)



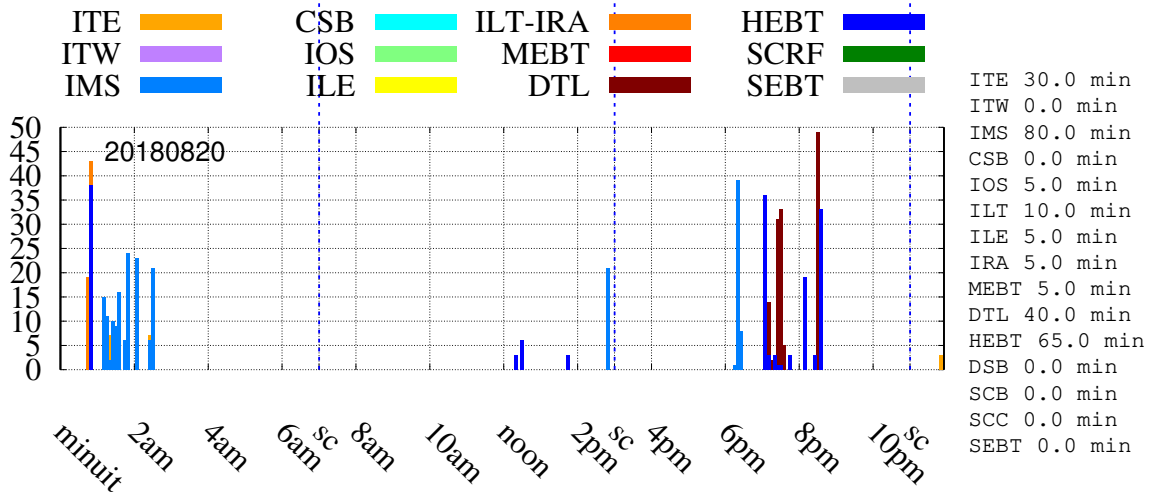
Total Commands (5min Binning)



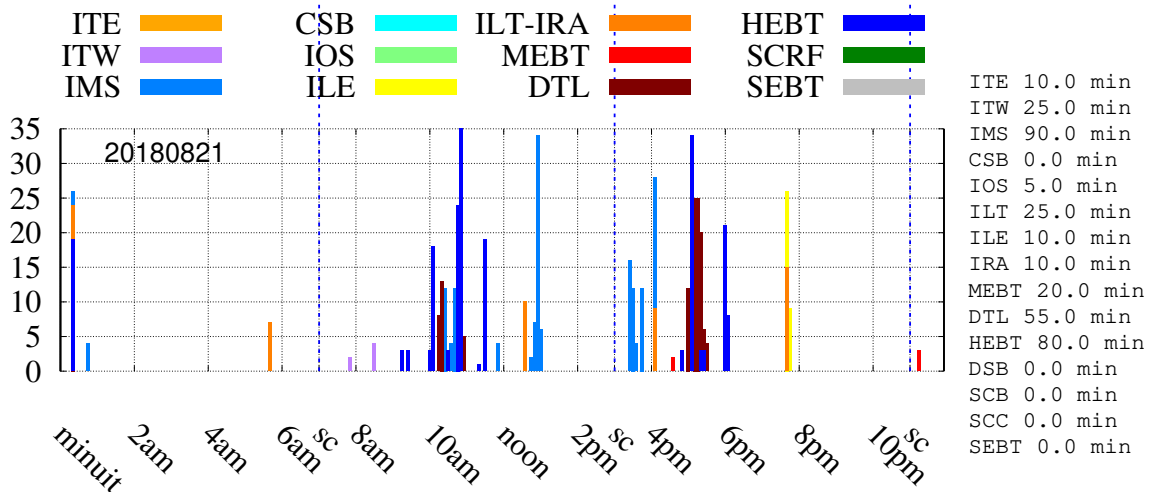
Total Commands (5min Binning)



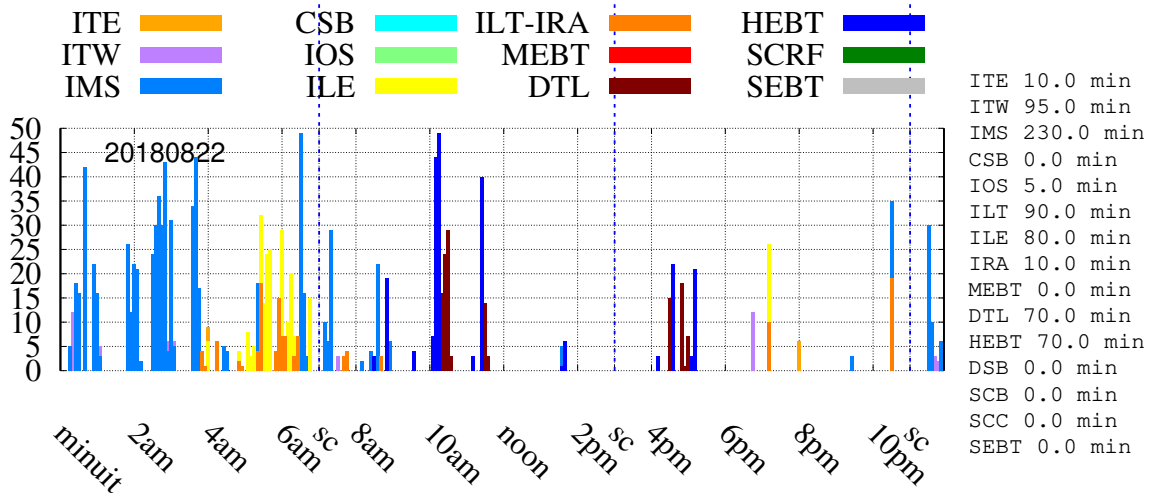
Total Commands (5min Binning)



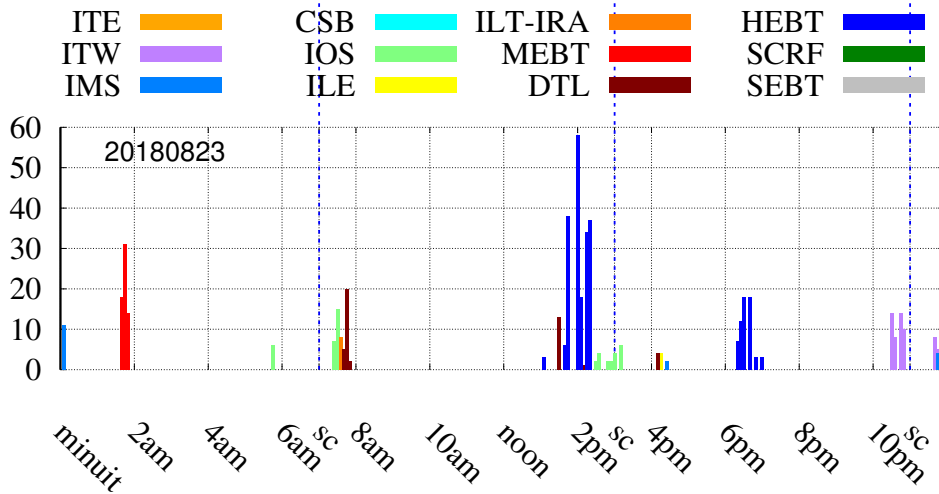
Total Commands (5min Binning)



Total Commands (5min Binning)

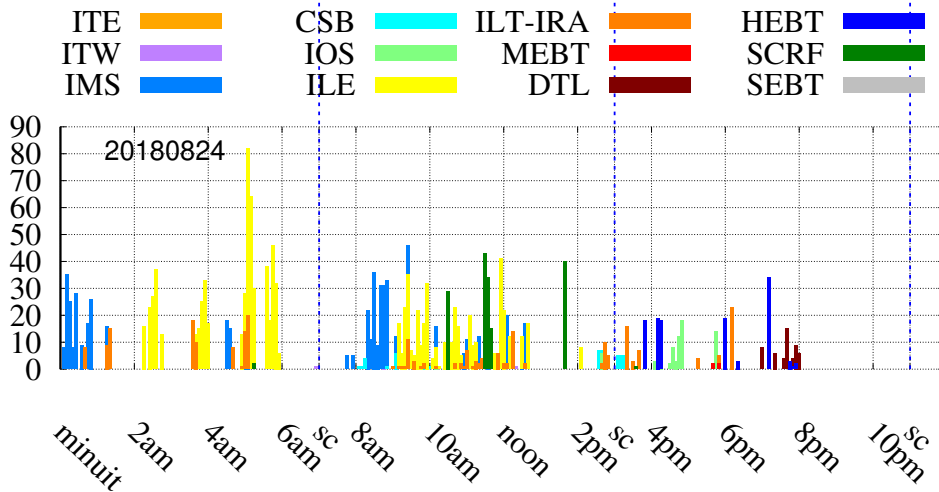


Total Commands (5min Binning)



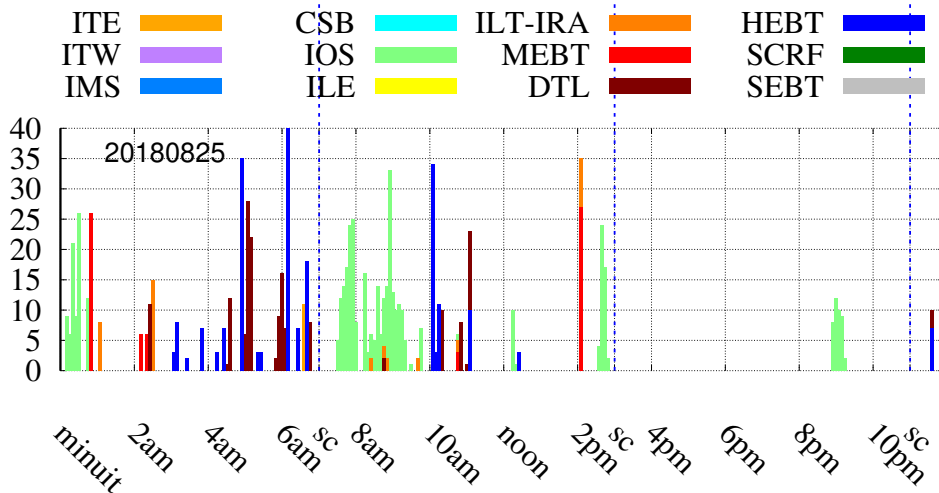
ITE 0.0 min
 ITW 30.0 min
 IMS 25.0 min
 CSB 0.0 min
 IOS 45.0 min
 ILT 10.0 min
 ILE 5.0 min
 IRA 10.0 min
 MEBT 25.0 min
 DTL 50.0 min
 HEBT 65.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



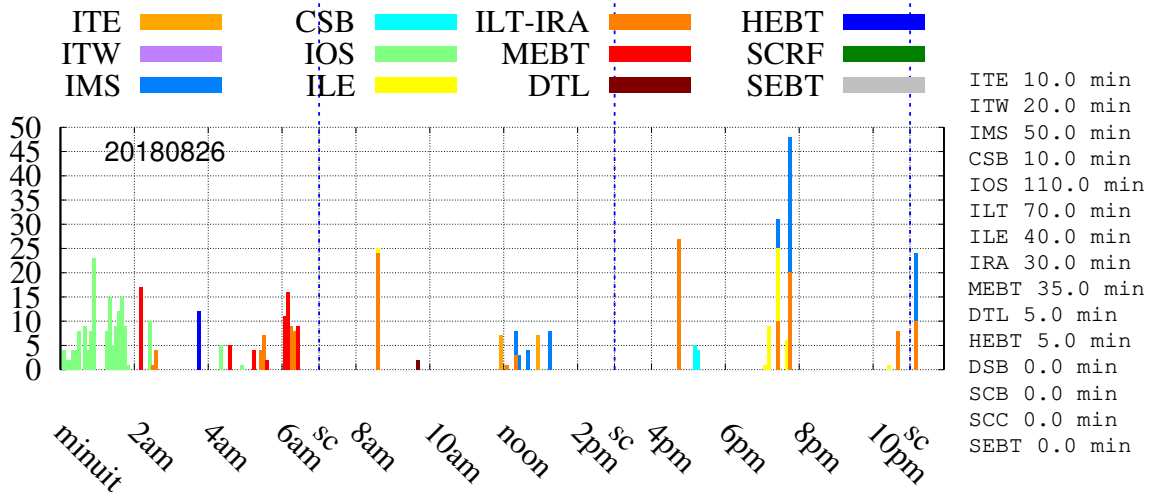
ITE 5.0 min
 ITW 65.0 min
 IMS 195.0 min
 CSB 105.0 min
 IOS 70.0 min
 ILT 235.0 min
 ILE 260.0 min
 IRA 30.0 min
 MEBT 25.0 min
 DTL 55.0 min
 HEBT 45.0 min
 DSB 0.0 min
 SCB 30.0 min
 SCC 25.0 min
 SEBT 0.0 min

Total Commands (5min Binning)

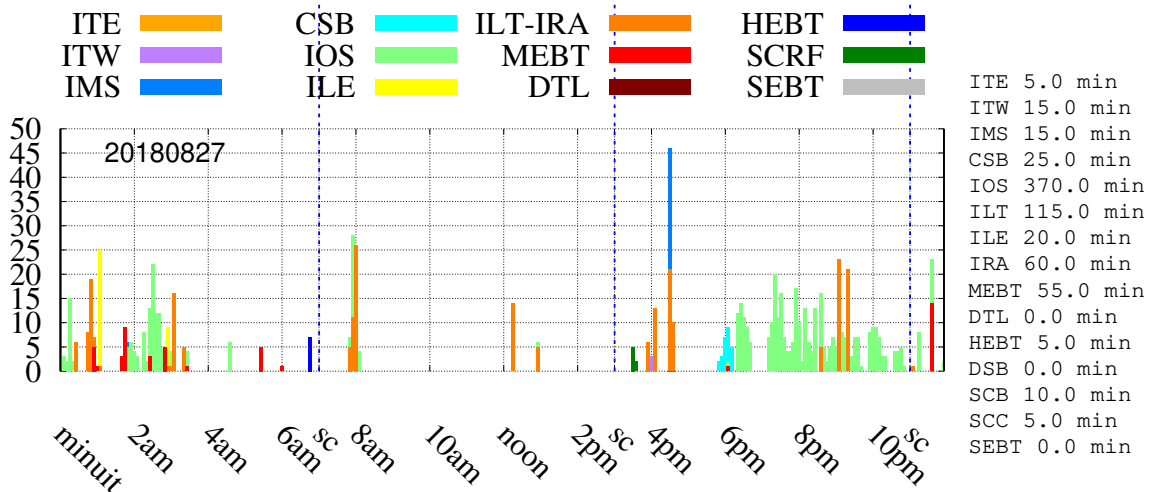


ITE 5.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 225.0 min
 ILT 45.0 min
 ILE 5.0 min
 IRA 20.0 min
 MEBT 40.0 min
 DTL 110.0 min
 HEBT 95.0 min
 DSB 0.0 min
 SCB 0.0 min
 SCC 0.0 min
 SEBT 0.0 min

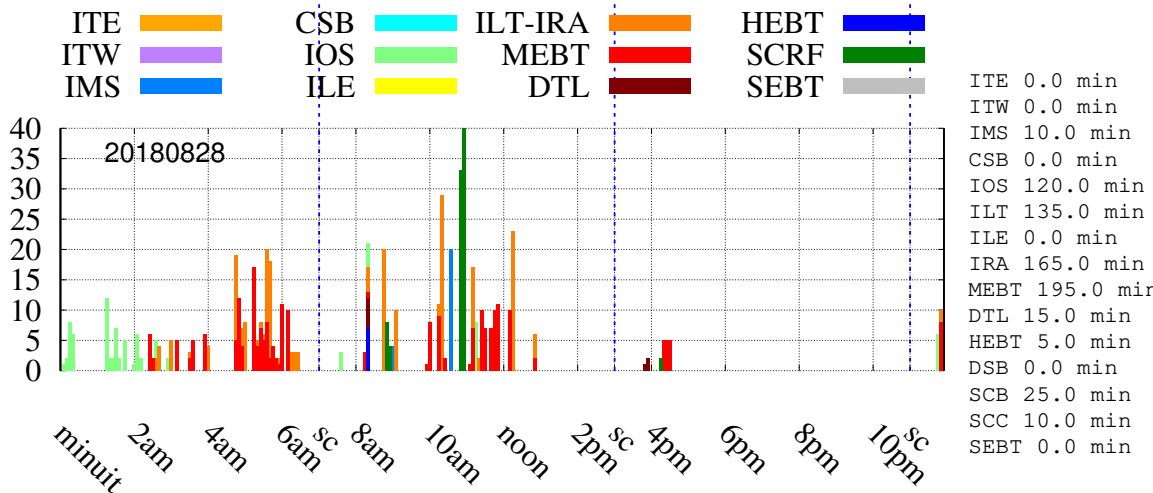
Total Commands (5min Binning)



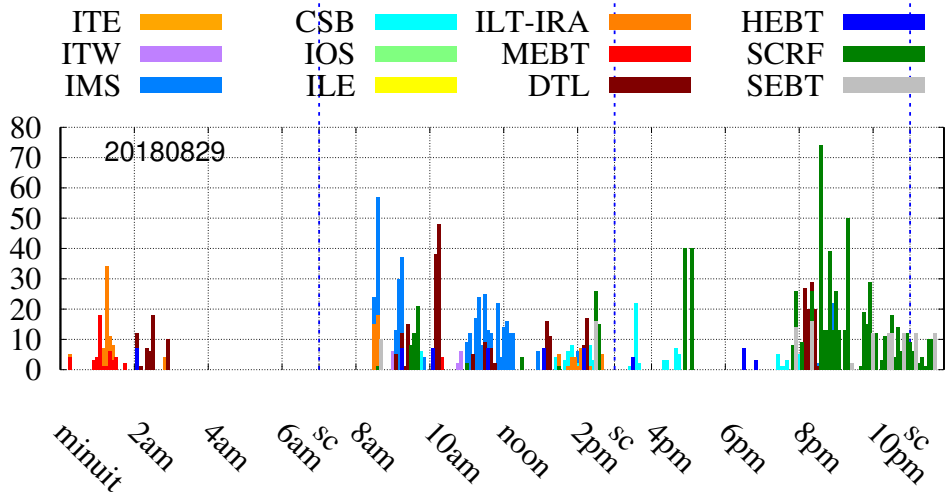
Total Commands (5min Binning)



Total Commands (5min Binning)

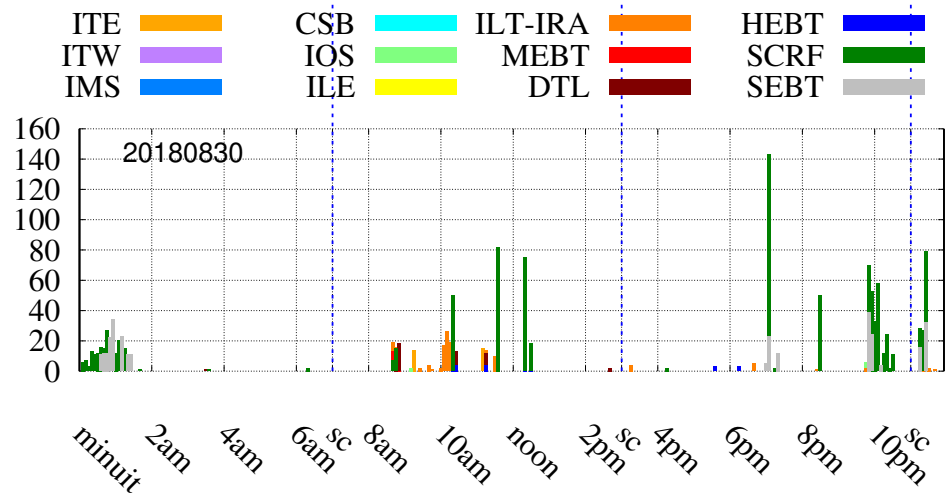


Total Commands (5min Binning)



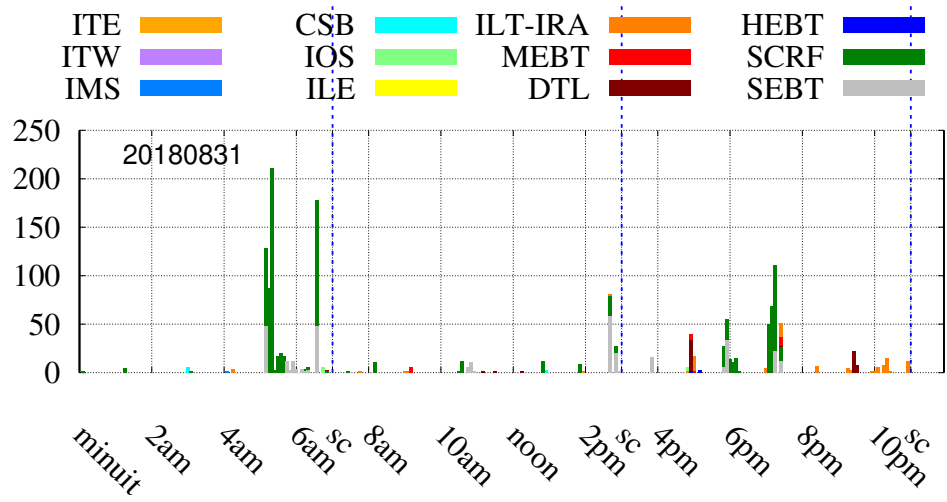
ITE	0.0 min
ITW	30.0 min
IMS	150.0 min
CSB	130.0 min
IOS	15.0 min
ILT-IRA	105.0 min
ILE	5.0 min
IRA	35.0 min
MEBT	90.0 min
DTL	150.0 min
HEBT	105.0 min
DSB	90.0 min
SCB	175.0 min
SCC	85.0 min
SEBT	55.0 min

Total Commands (5min Binning)



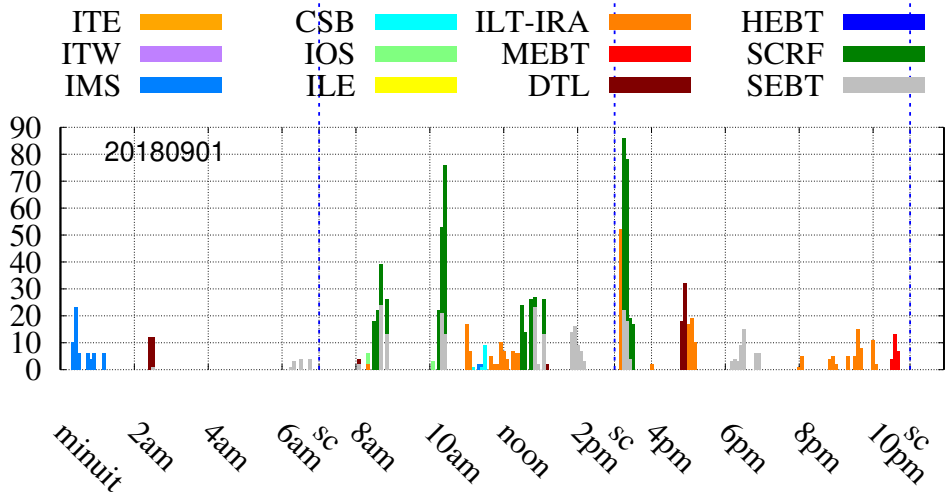
ITE	15.0 min
ITW	15.0 min
IMS	10.0 min
CSB	15.0 min
IOS	15.0 min
ILT-IRA	125.0 min
ILE	0.0 min
IRA	35.0 min
MEBT	35.0 min
DTL	65.0 min
HEBT	65.0 min
DSB	50.0 min
SCB	180.0 min
SCC	115.0 min
SEBT	80.0 min

Total Commands (5min Binning)



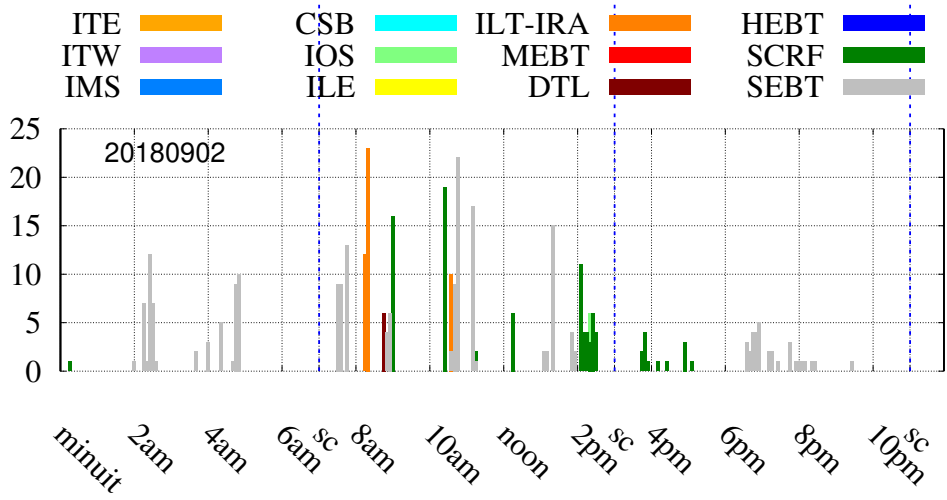
ITE	0.0 min
ITW	10.0 min
IMS	20.0 min
CSB	35.0 min
IOS	25.0 min
ILT-IRA	130.0 min
ILE	0.0 min
IRA	45.0 min
MEBT	45.0 min
DTL	80.0 min
HEBT	55.0 min
DSB	55.0 min
SCB	115.0 min
SCC	140.0 min
SEBT	100.0 min

Total Commands (5min Binning)



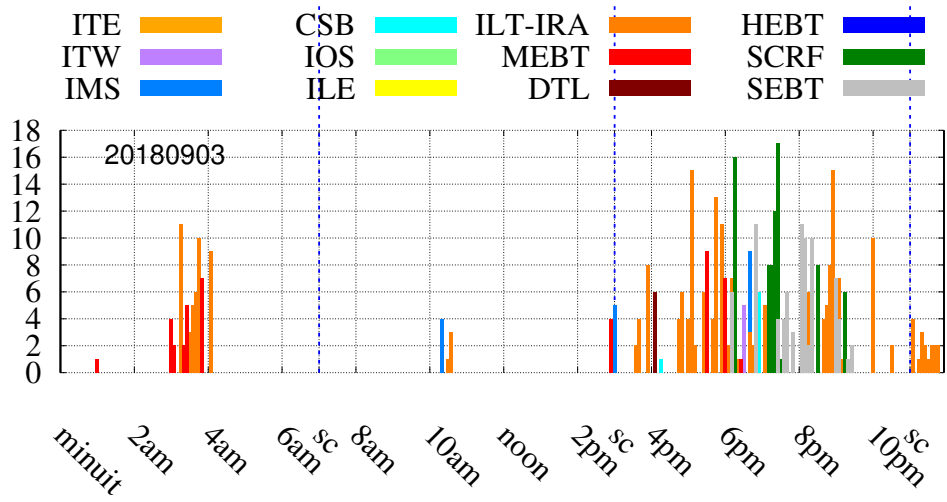
- ITE 0.0 min
- ITW 0.0 min
- IMS 45.0 min
- CSB 15.0 min
- IOS 20.0 min
- ILT 180.0 min
- ILE 0.0 min
- IRA 70.0 min
- MEBT 65.0 min
- DTL 80.0 min
- HEBT 45.0 min
- DSB 45.0 min
- SCB 75.0 min
- SCC 75.0 min
- SEBT 140.0 min

Total Commands (5min Binning)



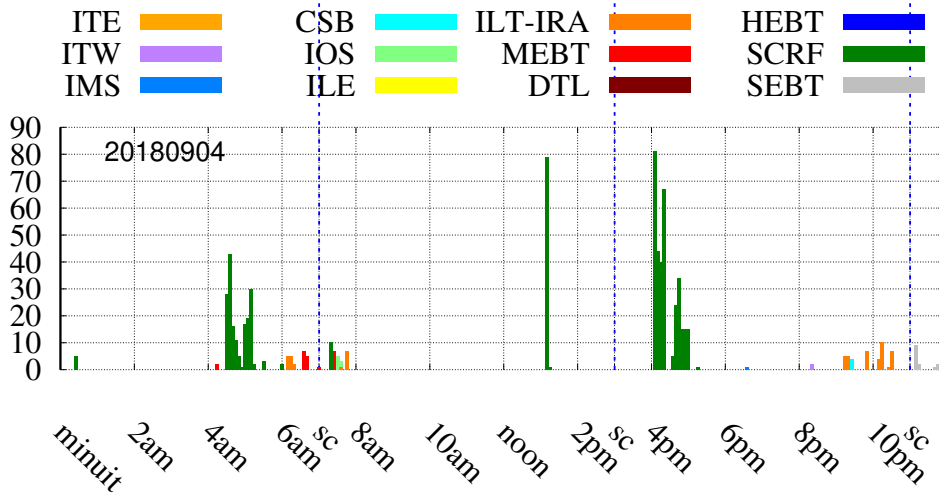
- ITE 0.0 min
- ITW 0.0 min
- IMS 0.0 min
- CSB 0.0 min
- IOS 5.0 min
- ILT 10.0 min
- ILE 0.0 min
- IRA 15.0 min
- MEBT 0.0 min
- DTL 5.0 min
- HEBT 0.0 min
- DSB 20.0 min
- SCB 30.0 min
- SCC 50.0 min
- SEBT 215.0 min

Total Commands (5min Binning)



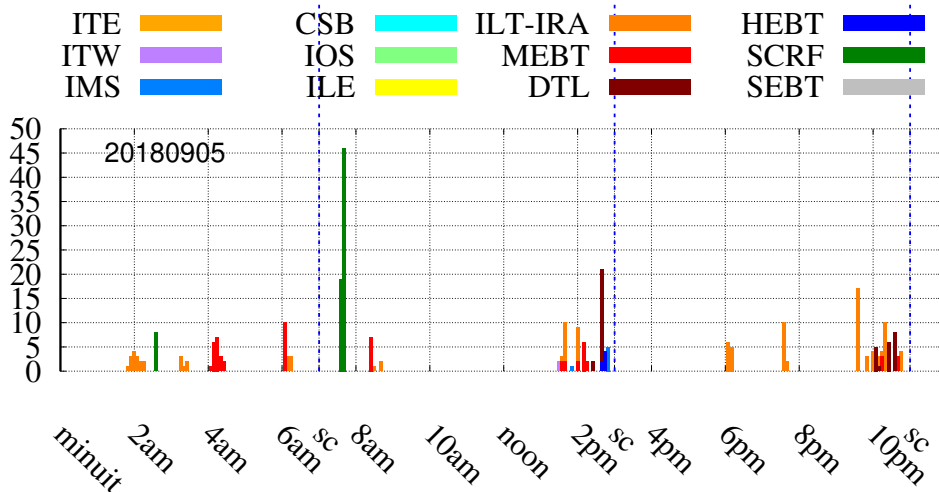
- ITE 0.0 min
- ITW 5.0 min
- IMS 15.0 min
- CSB 10.0 min
- IOS 0.0 min
- ILT 125.0 min
- ILE 0.0 min
- IRA 155.0 min
- MEBT 55.0 min
- DTL 5.0 min
- HEBT 0.0 min
- DSB 10.0 min
- SCB 30.0 min
- SCC 10.0 min
- SEBT 70.0 min

Total Commands (5min Binning)



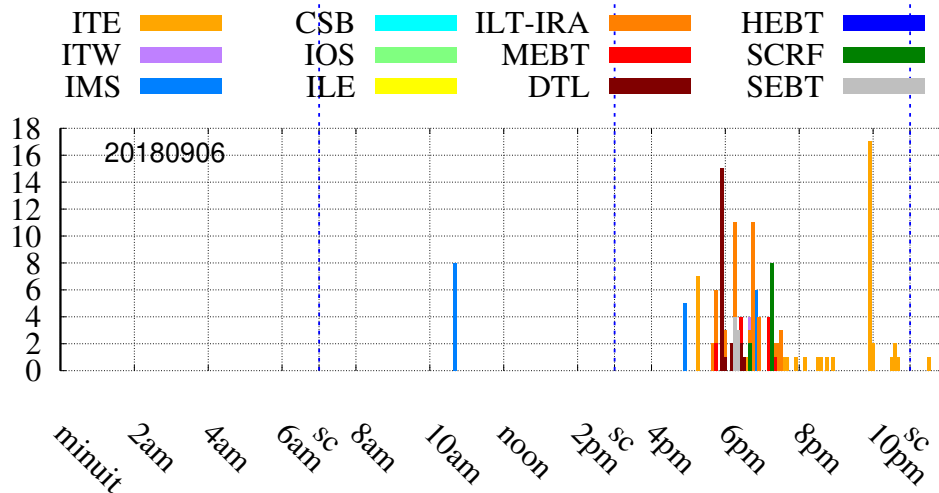
ITE 0.0 min
 ITW 5.0 min
 IMS 10.0 min
 CSB 5.0 min
 IOS 10.0 min
 ILT 40.0 min
 ILE 0.0 min
 IRA 25.0 min
 MEBT 25.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 125.0 min
 SCC 45.0 min
 SEBT 20.0 min

Total Commands (5min Binning)

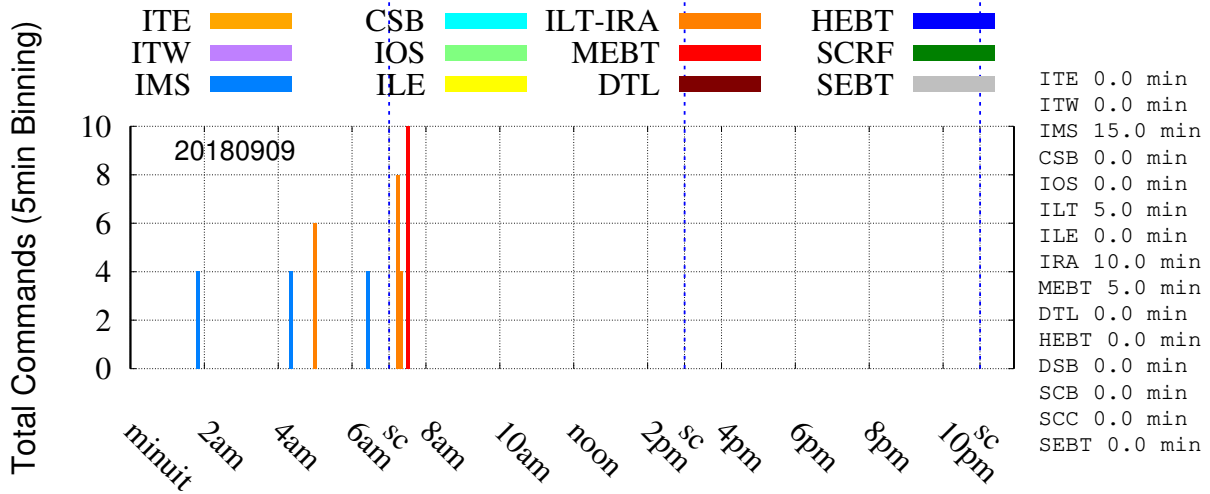
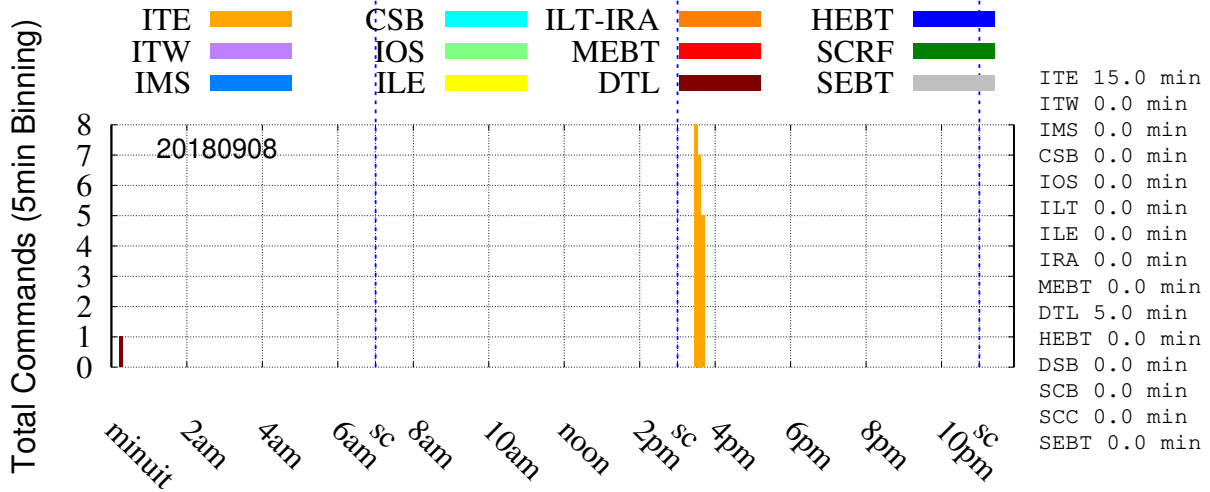
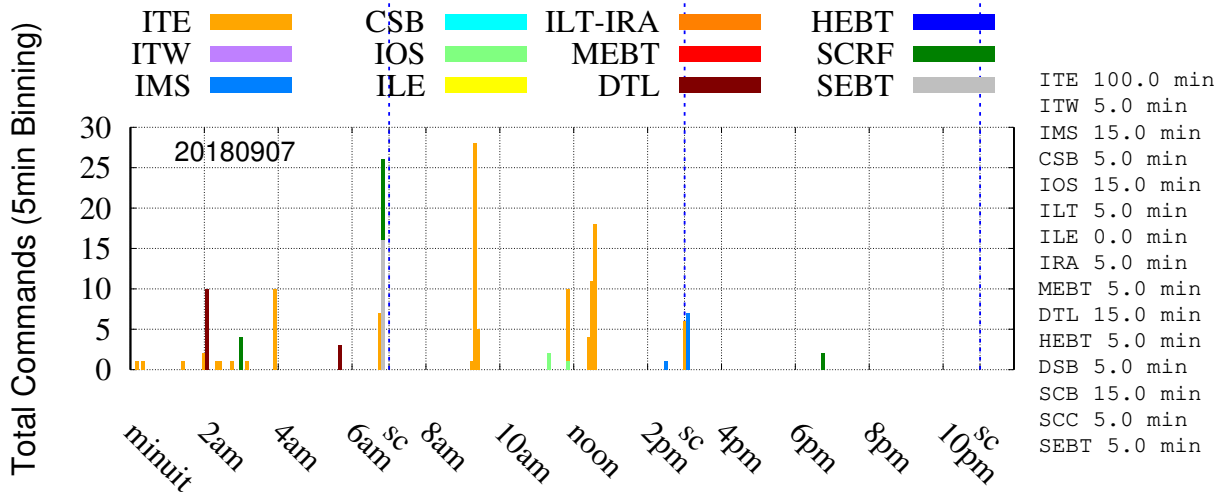


ITE 0.0 min
 ITW 5.0 min
 IMS 10.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 50.0 min
 ILE 0.0 min
 IRA 115.0 min
 MEBT 70.0 min
 DTL 30.0 min
 HEBT 10.0 min
 DSB 0.0 min
 SCB 15.0 min
 SCC 0.0 min
 SEBT 0.0 min

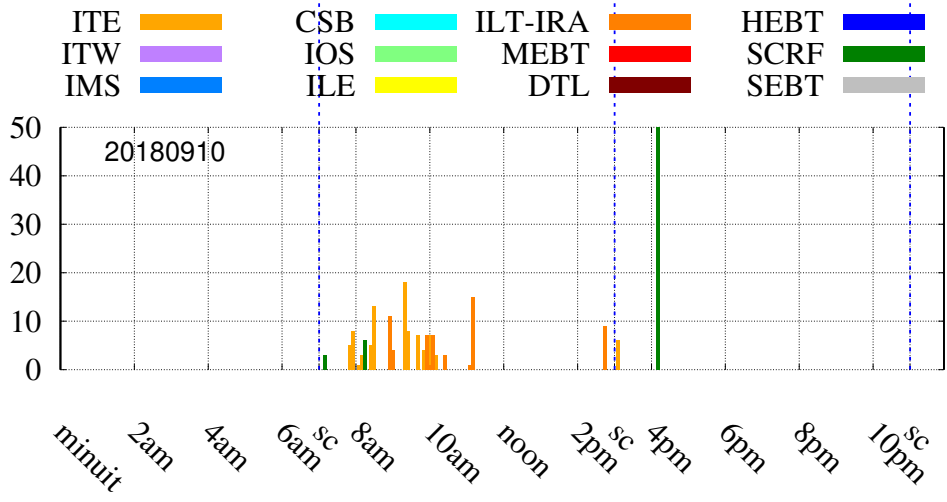
Total Commands (5min Binning)



ITE 130.0 min
 ITW 5.0 min
 IMS 15.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 55.0 min
 ILE 0.0 min
 IRA 25.0 min
 MEBT 25.0 min
 DTL 25.0 min
 HEBT 0.0 min
 DSB 5.0 min
 SCB 5.0 min
 SCC 0.0 min
 SEBT 10.0 min

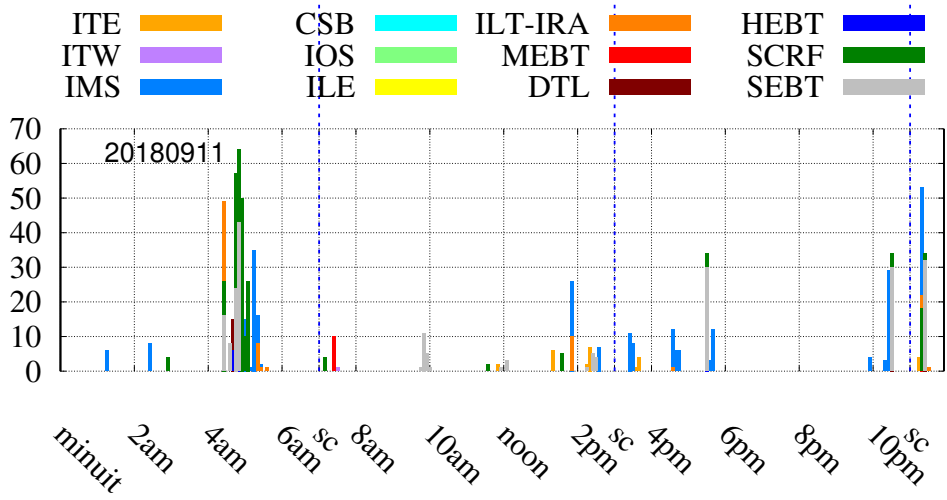


Total Commands (5min Binning)



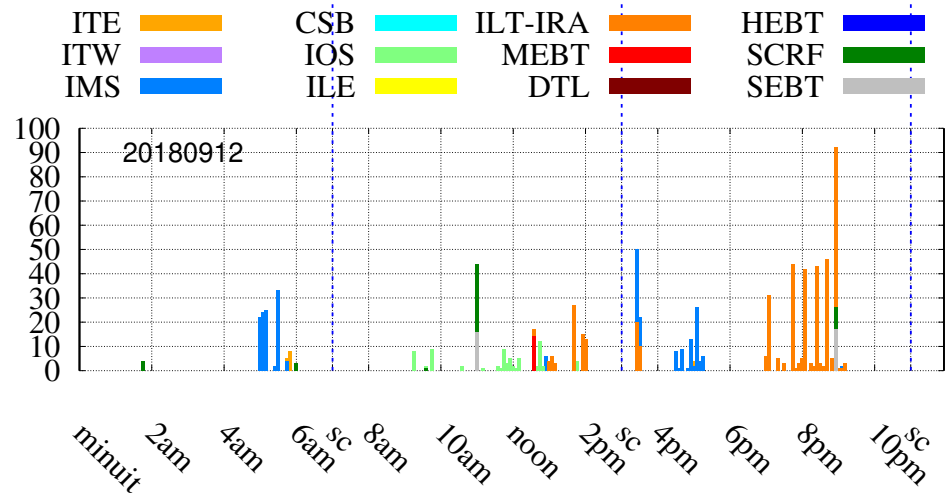
ITE	70.0 min
ITW	0.0 min
IMS	0.0 min
CSB	0.0 min
IOS	0.0 min
ILT	0.0 min
IRA	45.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	5.0 min
SCC	15.0 min
SEBT	0.0 min

Total Commands (5min Binning)



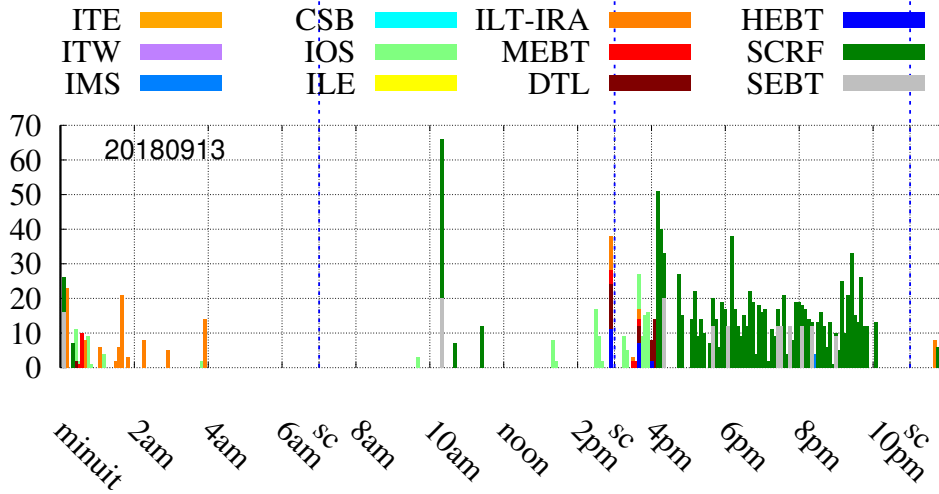
ITE	70.0 min
ITW	25.0 min
IMS	145.0 min
CSB	5.0 min
IOS	35.0 min
ILT	80.0 min
IRA	35.0 min
MEBT	45.0 min
DTL	35.0 min
HEBT	35.0 min
DSB	35.0 min
SCB	65.0 min
SCC	45.0 min
SEBT	80.0 min

Total Commands (5min Binning)



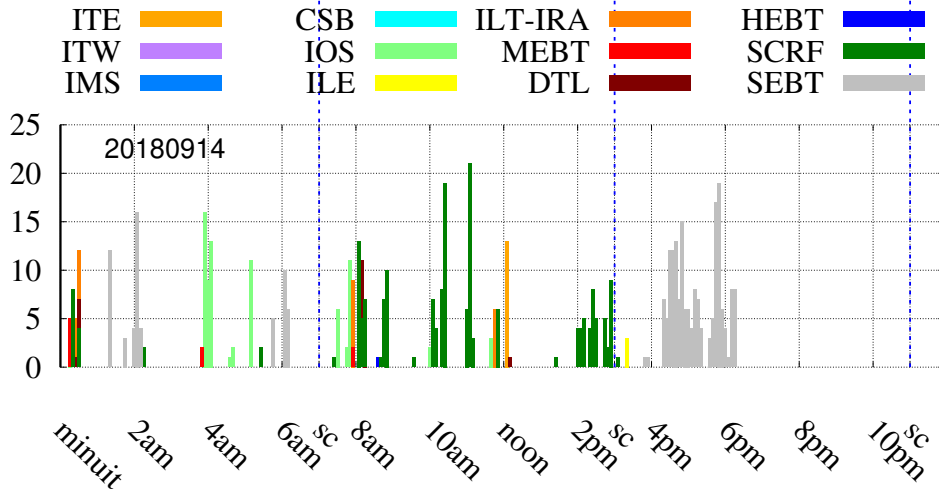
ITE	50.0 min
ITW	0.0 min
IMS	95.0 min
CSB	0.0 min
IOS	150.0 min
ILT	145.0 min
IRA	125.0 min
MEBT	15.0 min
DTL	10.0 min
HEBT	10.0 min
DSB	10.0 min
SCB	20.0 min
SCC	15.0 min
SEBT	10.0 min

Total Commands (5min Binning)



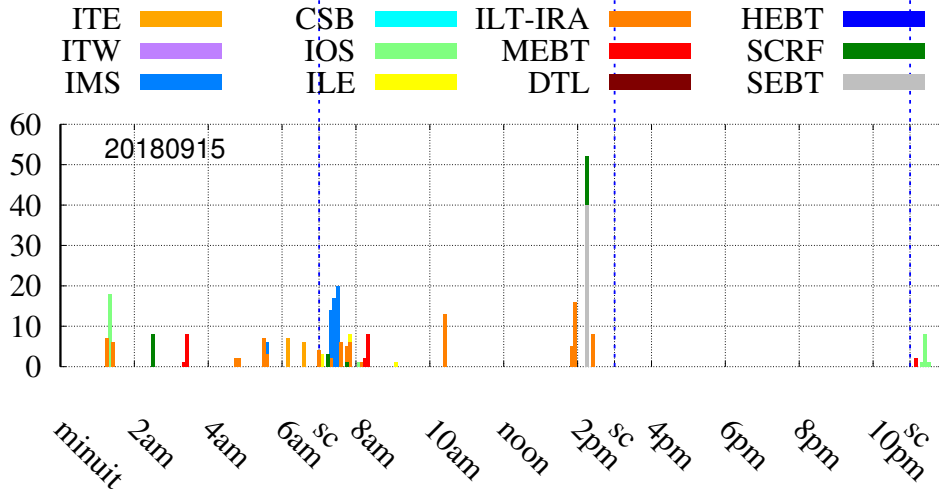
ITE	5.0 min
ITW	0.0 min
IMS	5.0 min
CSB	0.0 min
IOS	140.0 min
ILT-IRA	90.0 min
ILE	0.0 min
IRA	65.0 min
MEBT	45.0 min
DTL	40.0 min
HEBT	30.0 min
DSB	20.0 min
SCB	210.0 min
SCC	180.0 min
SEBT	55.0 min

Total Commands (5min Binning)



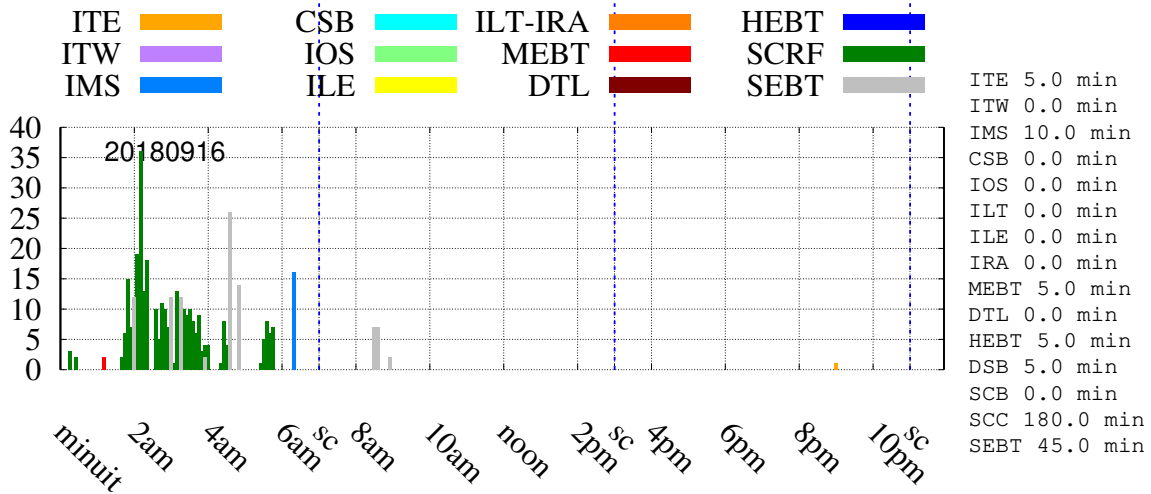
ITE	5.0 min
ITW	0.0 min
IMS	0.0 min
CSB	0.0 min
IOS	65.0 min
ILT-IRA	30.0 min
ILE	5.0 min
IRA	30.0 min
MEBT	15.0 min
DTL	25.0 min
HEBT	15.0 min
DSB	45.0 min
SCB	40.0 min
SCC	80.0 min
SEBT	160.0 min

Total Commands (5min Binning)

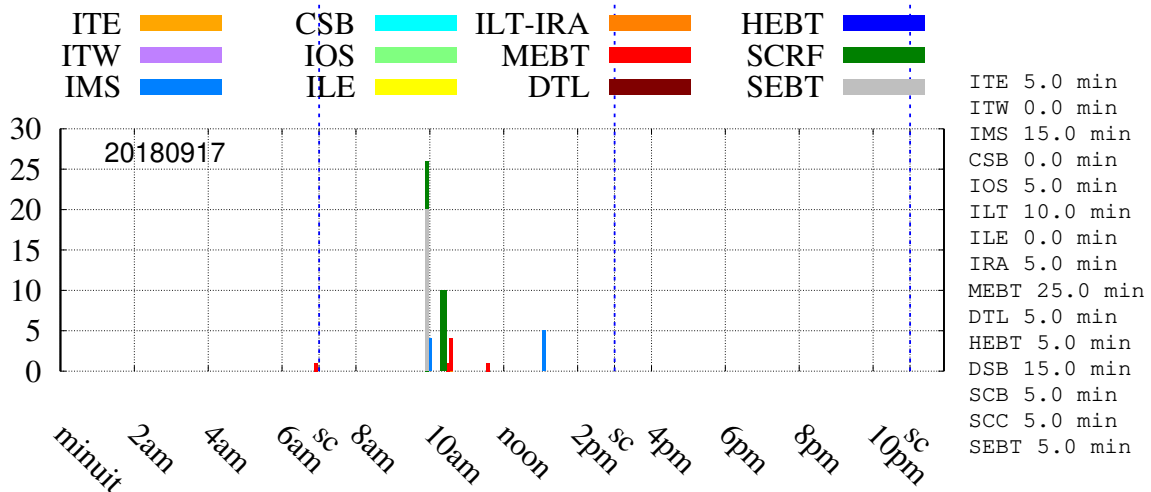


ITE	15.0 min
ITW	0.0 min
IMS	25.0 min
CSB	0.0 min
IOS	35.0 min
ILT-IRA	80.0 min
ILE	20.0 min
IRA	15.0 min
MEBT	30.0 min
DTL	5.0 min
HEBT	5.0 min
DSB	5.0 min
SCB	10.0 min
SCC	25.0 min
SEBT	5.0 min

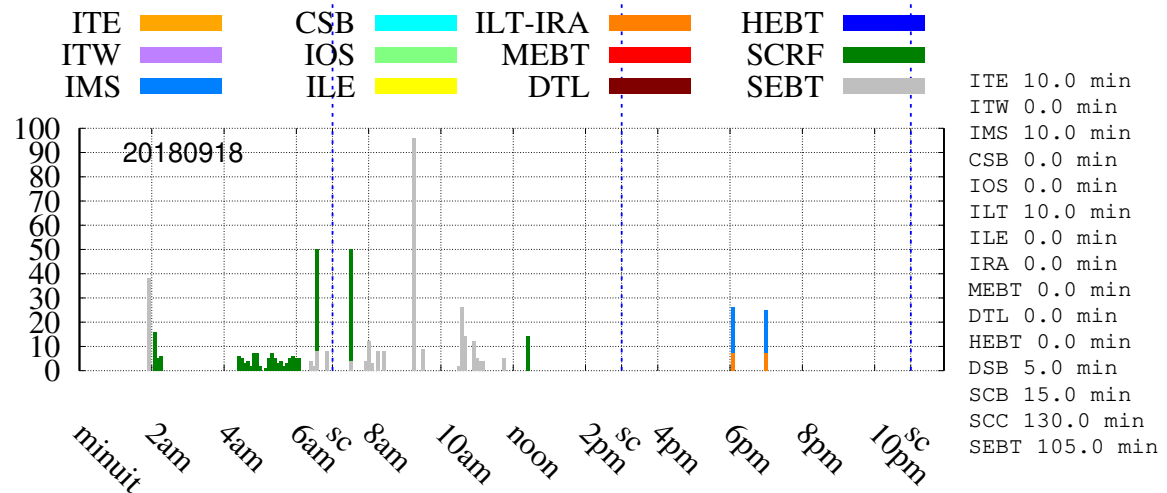
Total Commands (5min Binning)



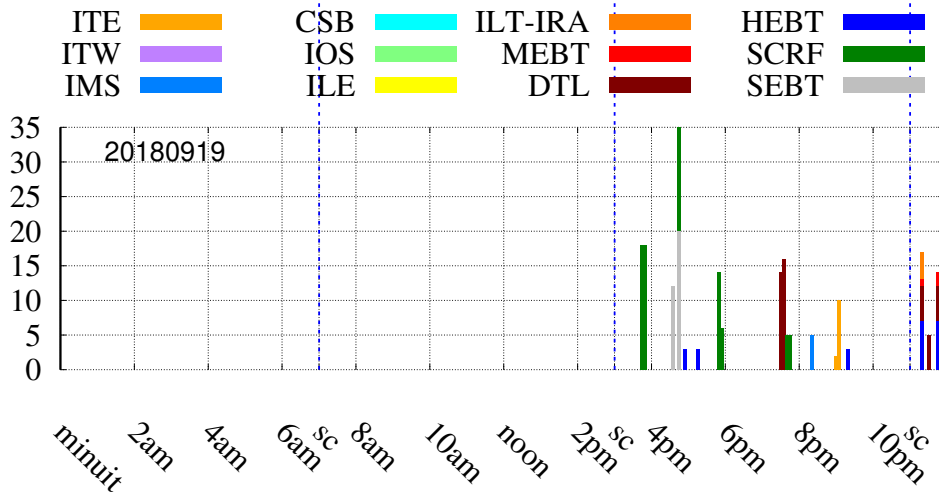
Total Commands (5min Binning)



Total Commands (5min Binning)

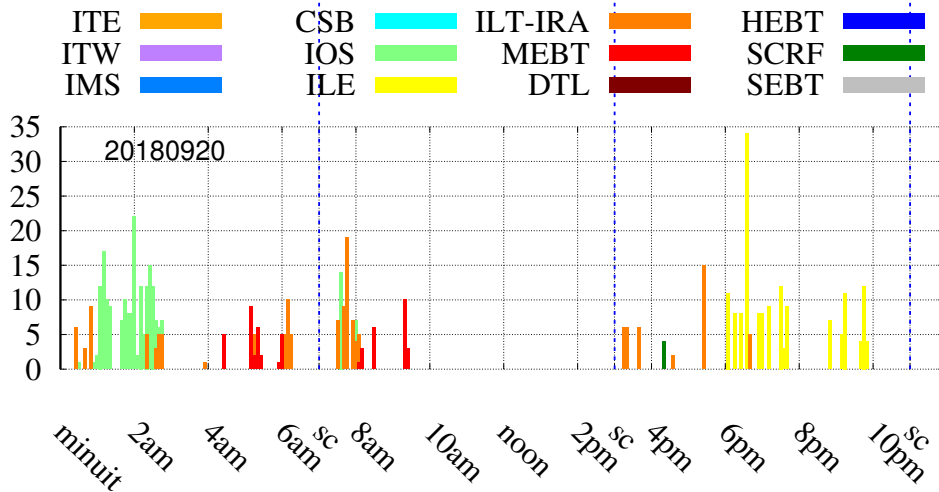


Total Commands (5min Binning)



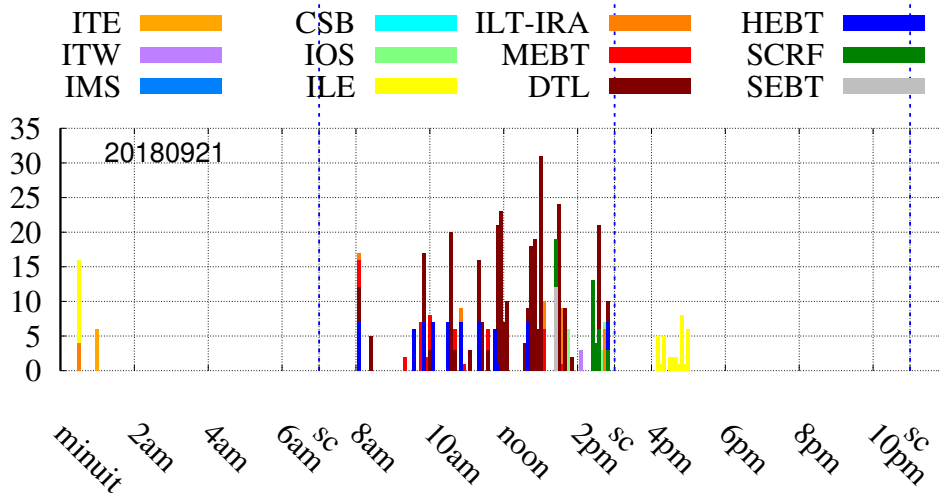
ITE 10.0 min
 ITW 0.0 min
 IMS 5.0 min
 CSB 0.0 min
 IOS 10.0 min
 ILT 15.0 min
 ILE 0.0 min
 IRA 20.0 min
 MEBT 20.0 min
 DTL 35.0 min
 HEBT 40.0 min
 DSB 30.0 min
 SCB 15.0 min
 SCC 15.0 min
 SEBT 10.0 min

Total Commands (5min Binning)



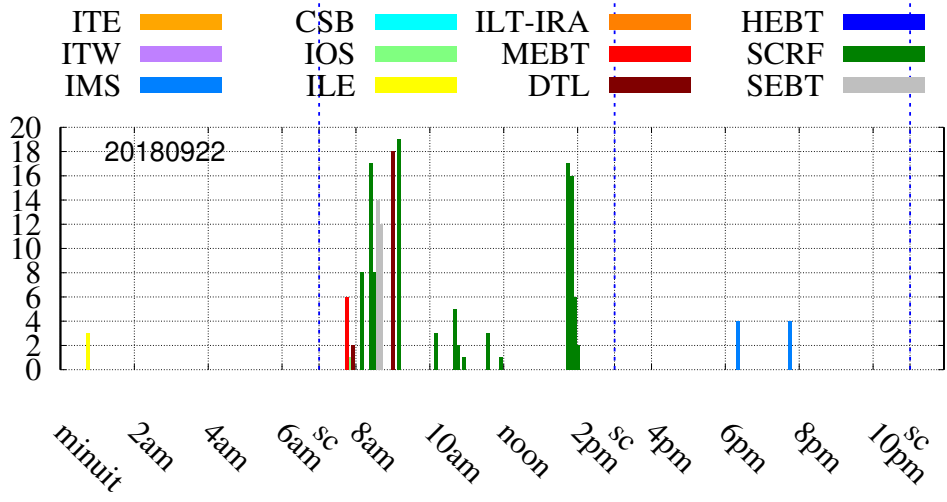
ITE 0.0 min
 ITW 0.0 min
 IMS 5.0 min
 CSB 0.0 min
 IOS 120.0 min
 ILT 110.0 min
 ILE 85.0 min
 IRA 85.0 min
 MEBT 60.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 5.0 min
 SCC 0.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



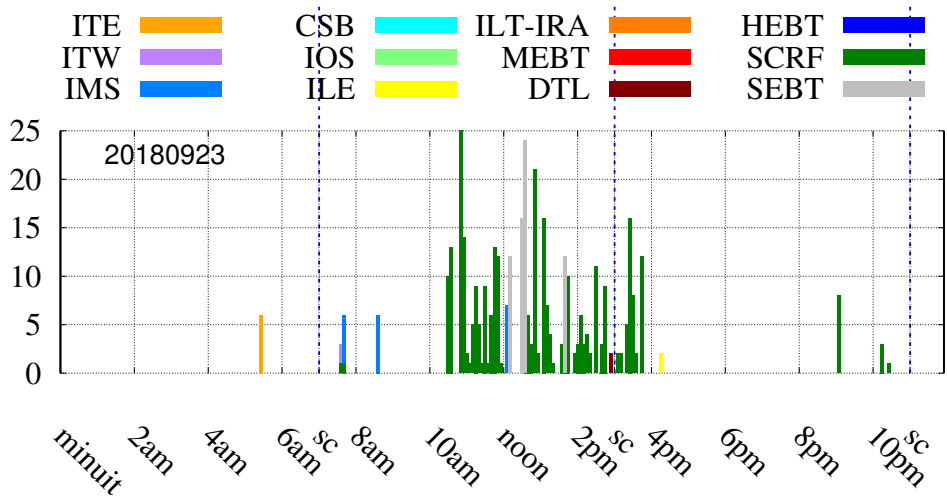
ITE 5.0 min
 ITW 5.0 min
 IMS 5.0 min
 CSB 0.0 min
 IOS 40.0 min
 ILT 45.0 min
 ILE 55.0 min
 IRA 45.0 min
 MEBT 135.0 min
 DTL 140.0 min
 HEBT 60.0 min
 DSB 25.0 min
 SCB 5.0 min
 SCC 5.0 min
 SEBT 5.0 min

Total Commands (5min Binning)



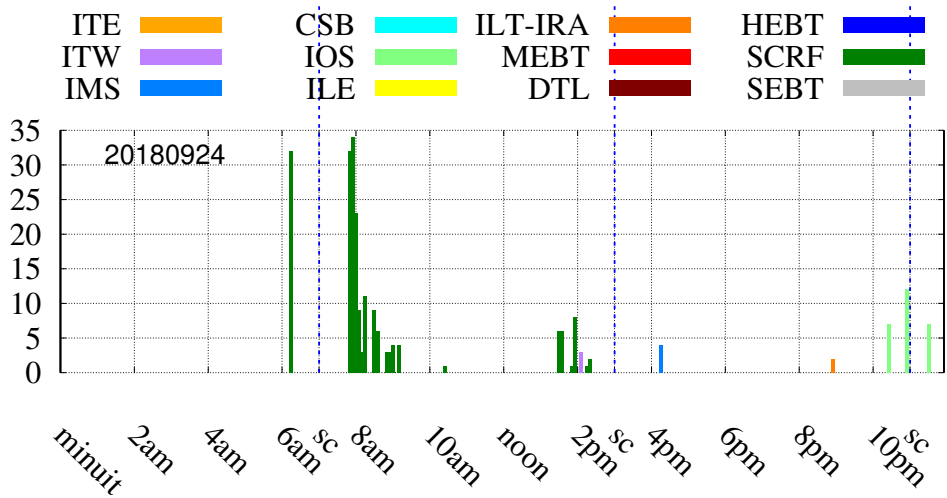
ITE 0.0 min
 ITW 0.0 min
 IMS 10.0 min
 CSB 0.0 min
 IOS 5.0 min
 ILT 0.0 min
 ILE 5.0 min
 IRA 0.0 min
 MEBT 5.0 min
 DTL 10.0 min
 HEBT 0.0 min
 DSB 45.0 min
 SCB 25.0 min
 SCC 5.0 min
 SEBT 10.0 min

Total Commands (5min Binning)



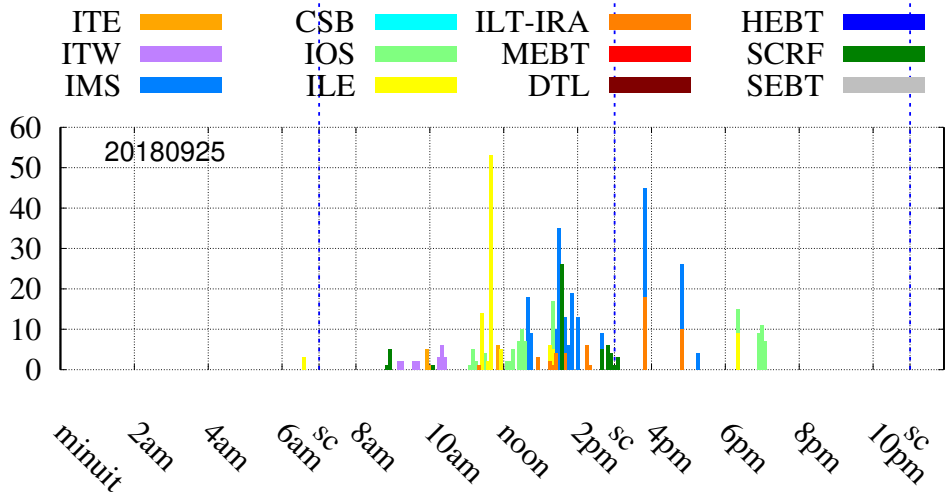
ITE 5.0 min
 ITW 5.0 min
 IMS 15.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 0.0 min
 ILE 10.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 5.0 min
 HEBT 0.0 min
 DSB 40.0 min
 SCB 240.0 min
 SCC 50.0 min
 SEBT 20.0 min

Total Commands (5min Binning)



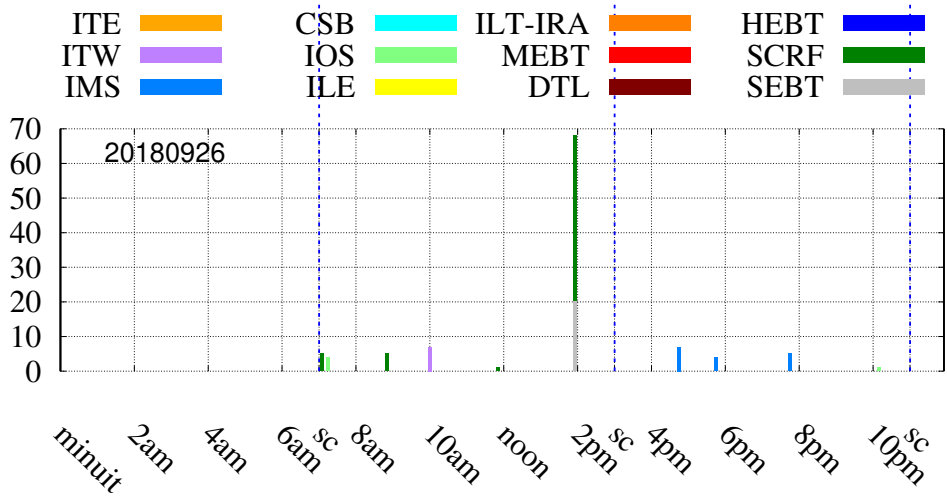
ITE 0.0 min
 ITW 5.0 min
 IMS 5.0 min
 CSB 0.0 min
 IOS 15.0 min
 ILT 5.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 80.0 min
 SCC 60.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



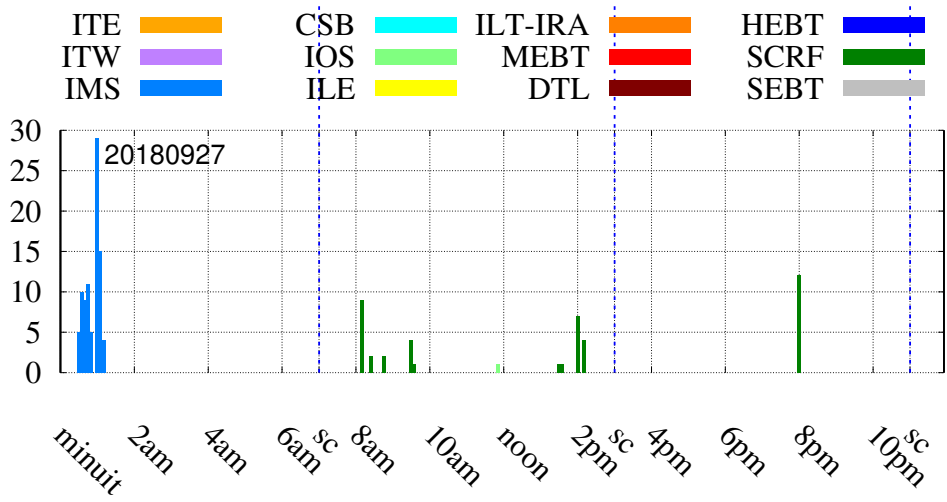
ITE	20.0 min
ITW	60.0 min
IMS	75.0 min
CSB	0.0 min
IOS	90.0 min
ILT-IRA	55.0 min
ILE	55.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	35.0 min
SCC	20.0 min
SEBT	0.0 min

Total Commands (5min Binning)



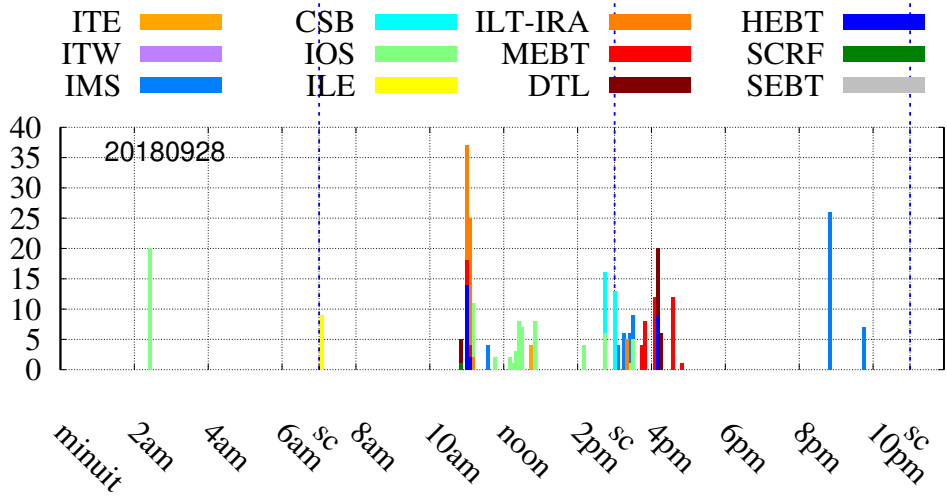
ITE	0.0 min
ITW	5.0 min
IMS	15.0 min
CSB	0.0 min
IOS	15.0 min
ILT-IRA	5.0 min
ILE	0.0 min
IRA	5.0 min
MEBT	5.0 min
DTL	5.0 min
HEBT	5.0 min
DSB	5.0 min
SCB	10.0 min
SCC	15.0 min
SEBT	5.0 min

Total Commands (5min Binning)



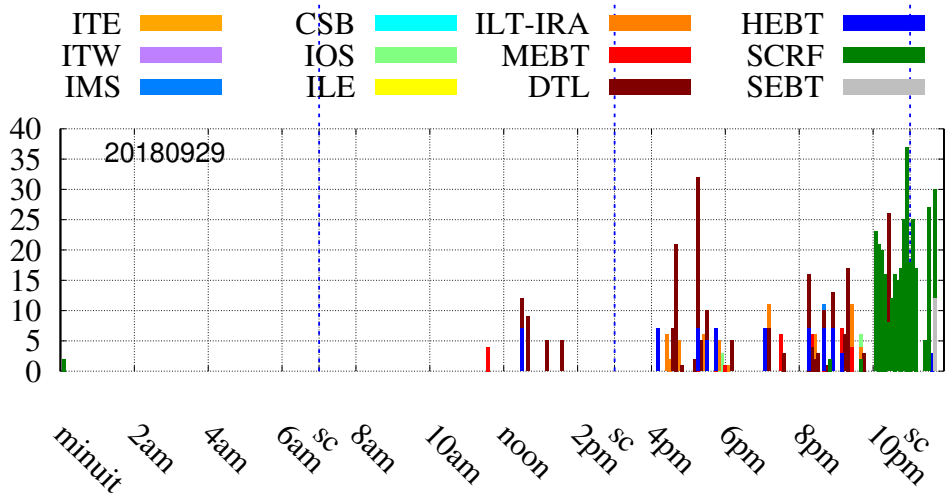
ITE	0.0 min
ITW	5.0 min
IMS	40.0 min
CSB	0.0 min
IOS	5.0 min
ILT-IRA	0.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	10.0 min
SCB	20.0 min
SCC	25.0 min
SEBT	0.0 min

Total Commands (5min Binning)



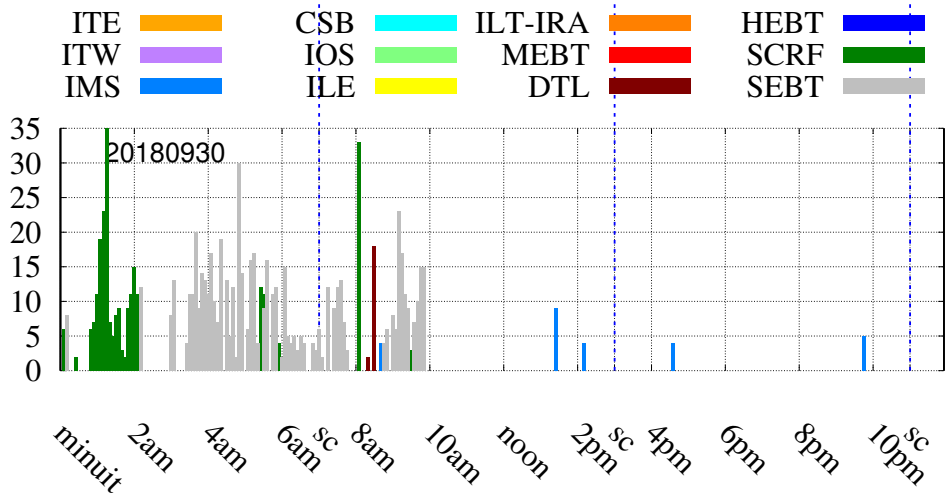
ITE	5.0 min
ITW	0.0 min
IMS	45.0 min
CSB	10.0 min
IOS	80.0 min
ILT-IRA	20.0 min
ILE	5.0 min
IRA	15.0 min
MEBT	40.0 min
DTL	20.0 min
HEBT	15.0 min
DSB	5.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)



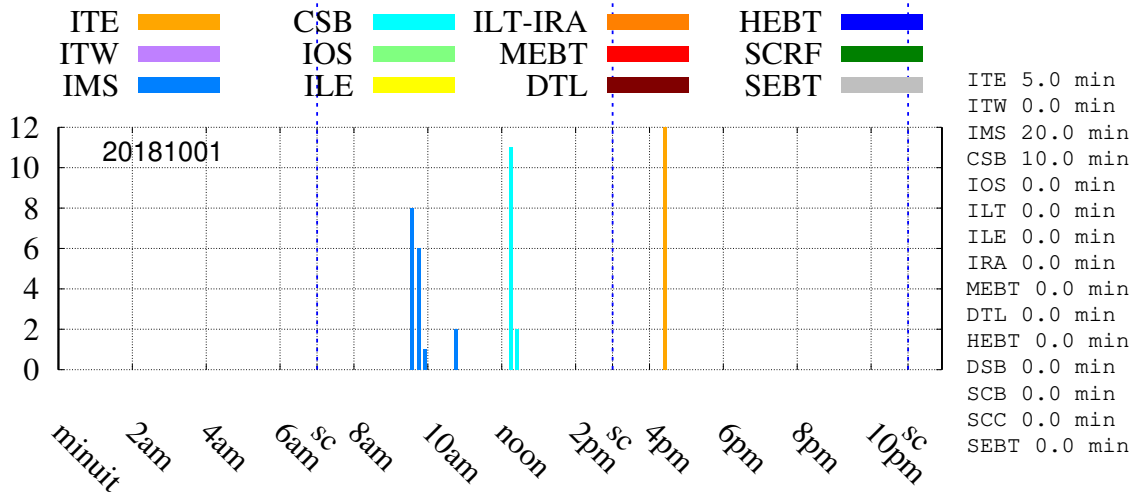
ITE	0.0 min
ITW	0.0 min
IMS	5.0 min
CSB	0.0 min
IOS	30.0 min
ILT-IRA	50.0 min
ILE	0.0 min
IRA	50.0 min
MEBT	70.0 min
DTL	160.0 min
HEBT	60.0 min
DSB	10.0 min
SCB	90.0 min
SCC	20.0 min
SEBT	5.0 min

Total Commands (5min Binning)

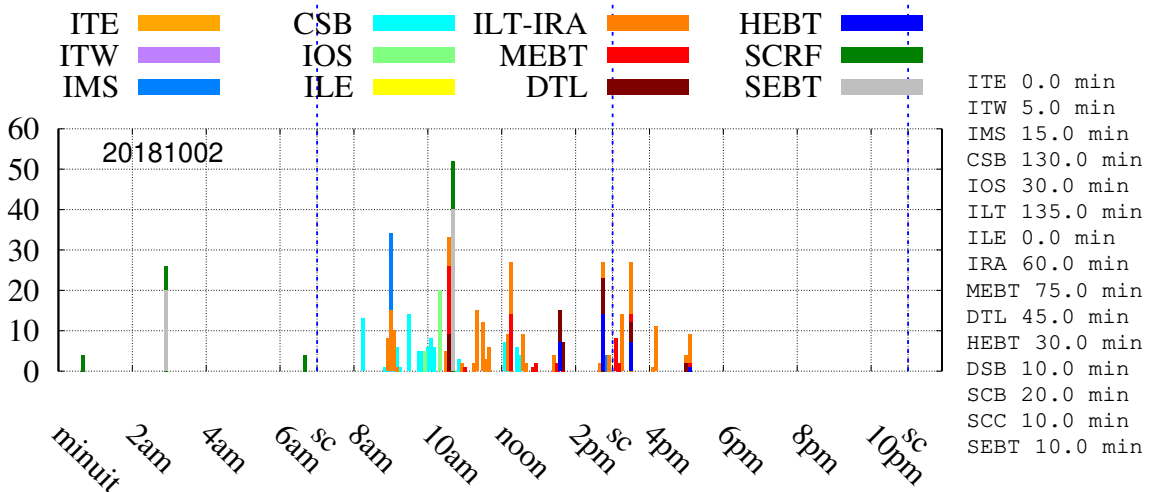


ITE	0.0 min
ITW	5.0 min
IMS	40.0 min
CSB	0.0 min
IOS	0.0 min
ILT-IRA	5.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	15.0 min
HEBT	0.0 min
DSB	30.0 min
SCB	120.0 min
SCC	35.0 min
SEBT	300.0 min

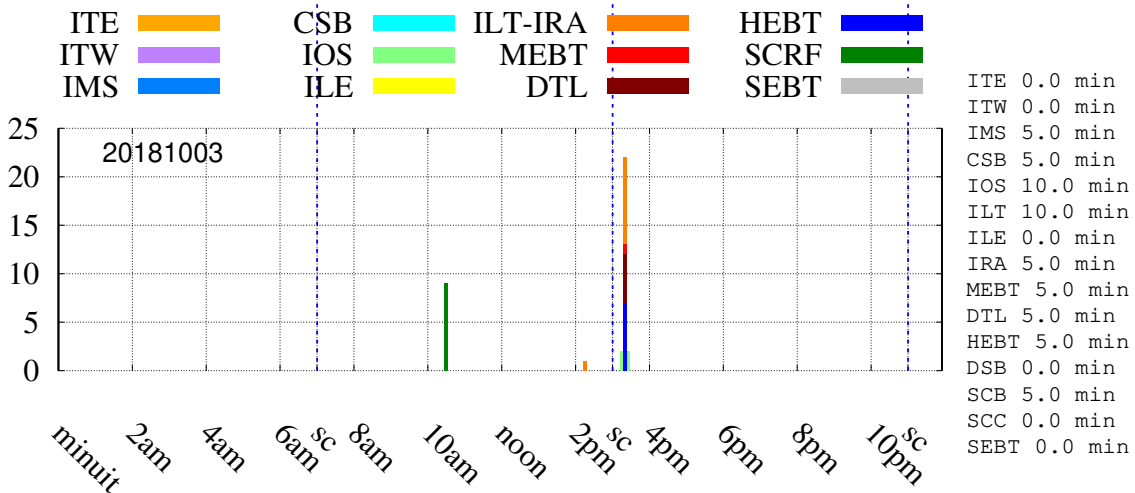
Total Commands (5min Binning)

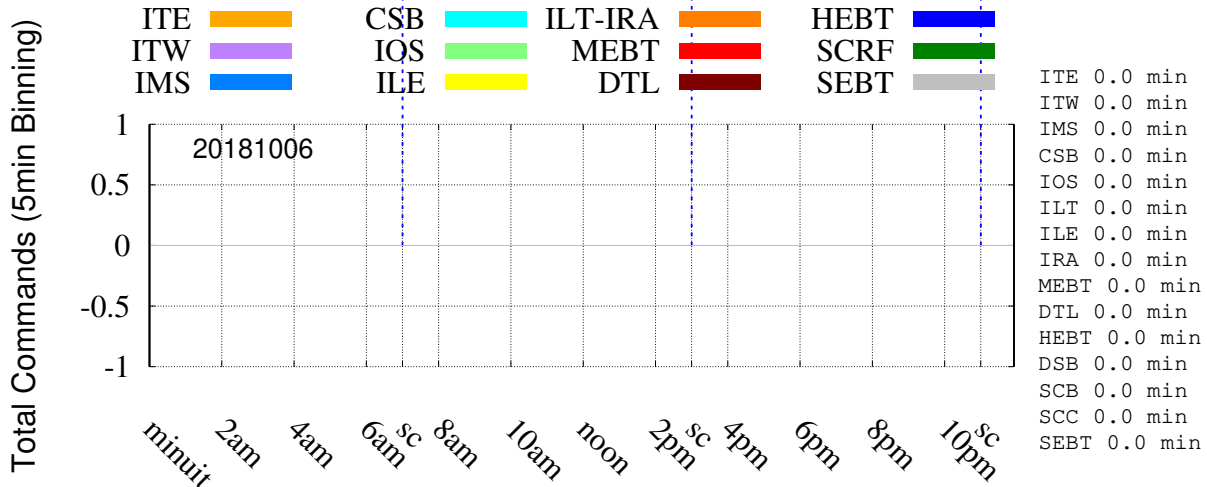
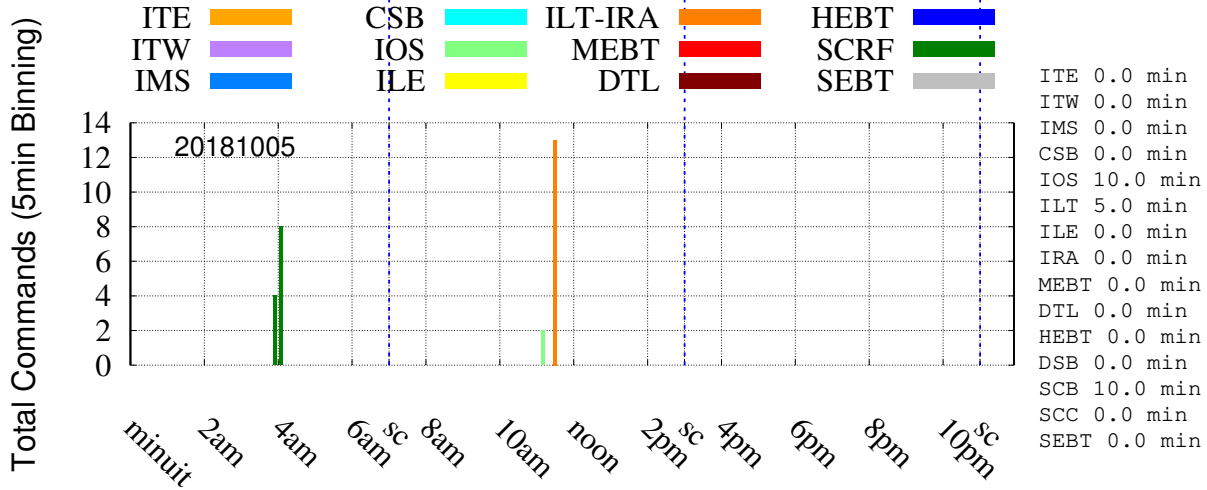
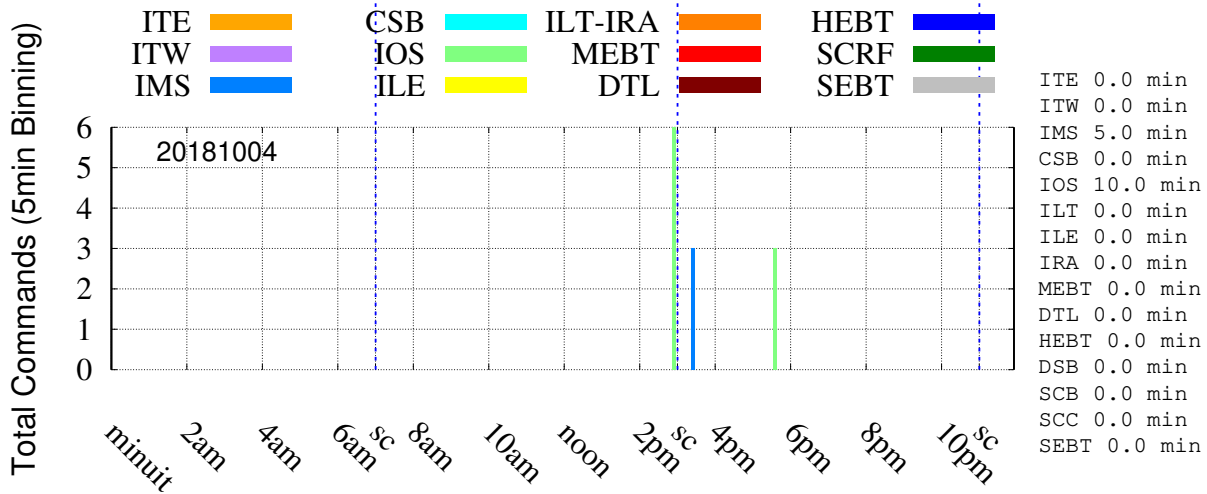


Total Commands (5min Binning)

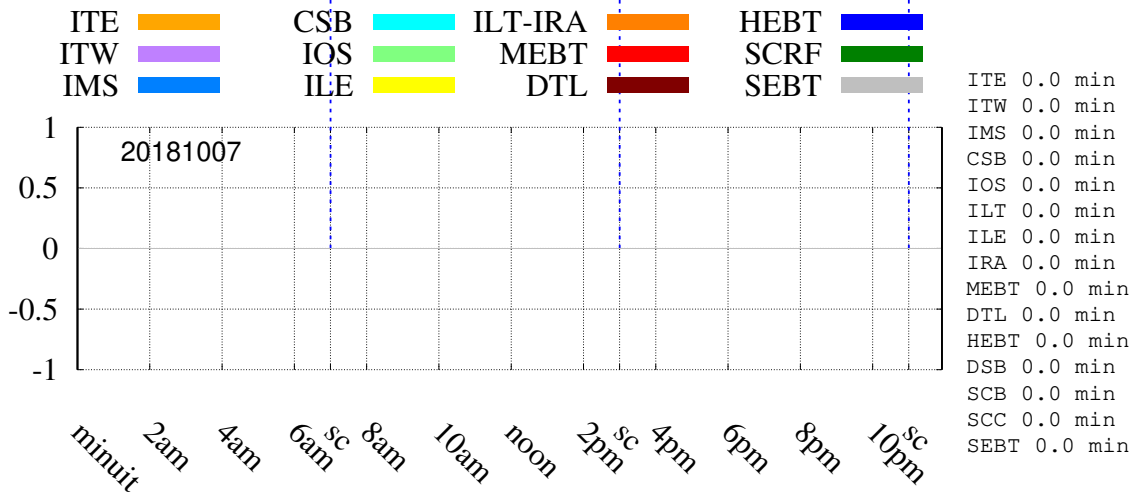


Total Commands (5min Binning)

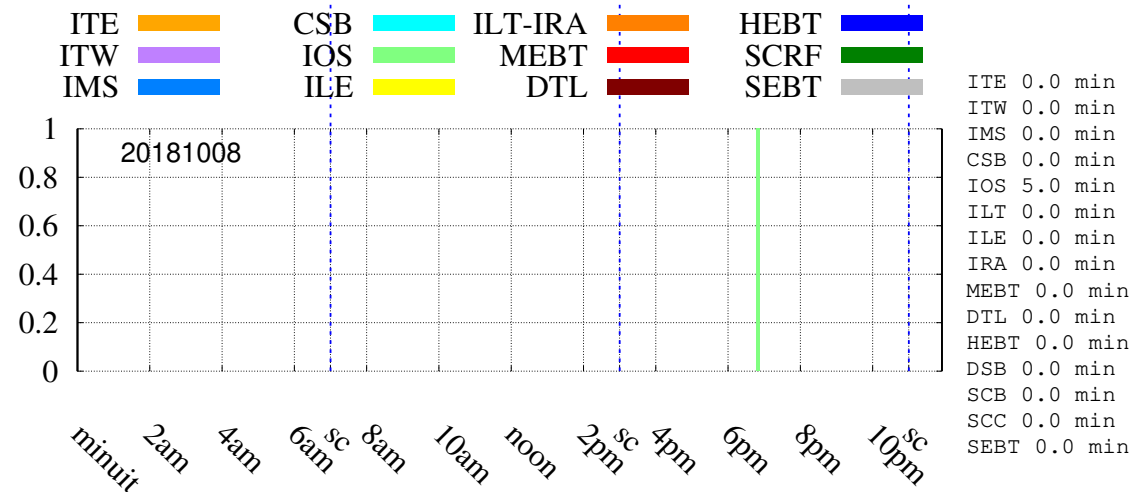




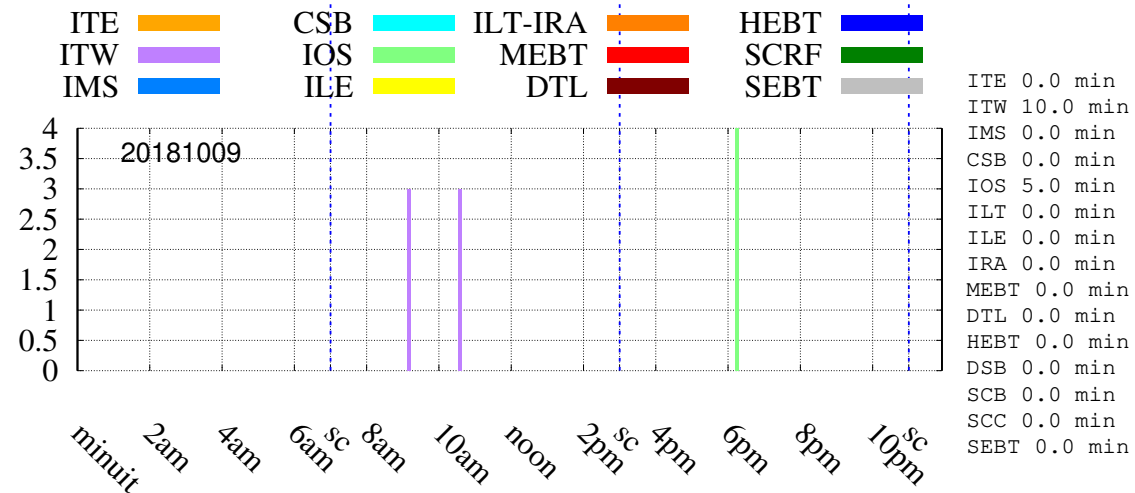
Total Commands (5min Binning)

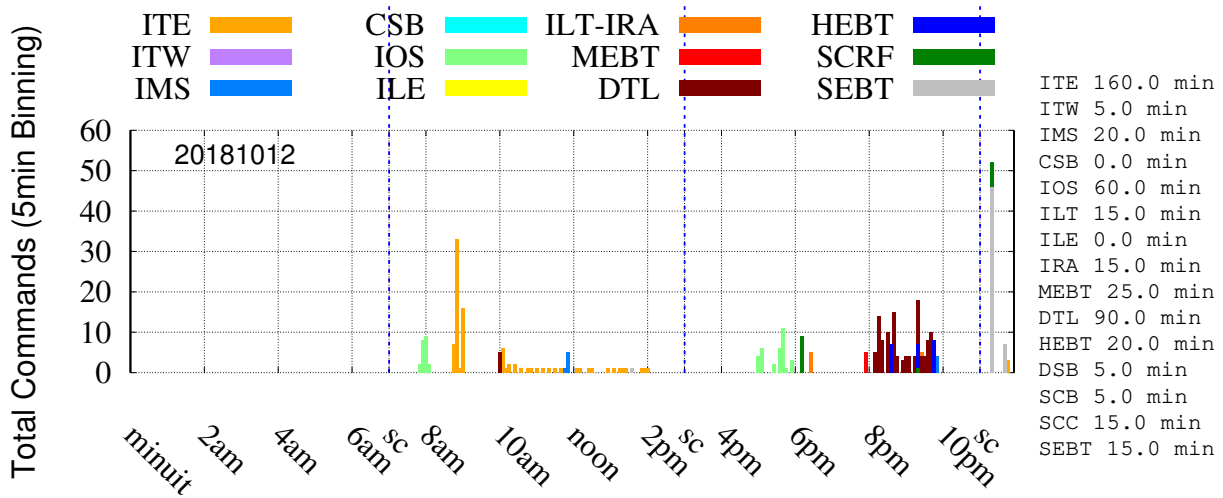
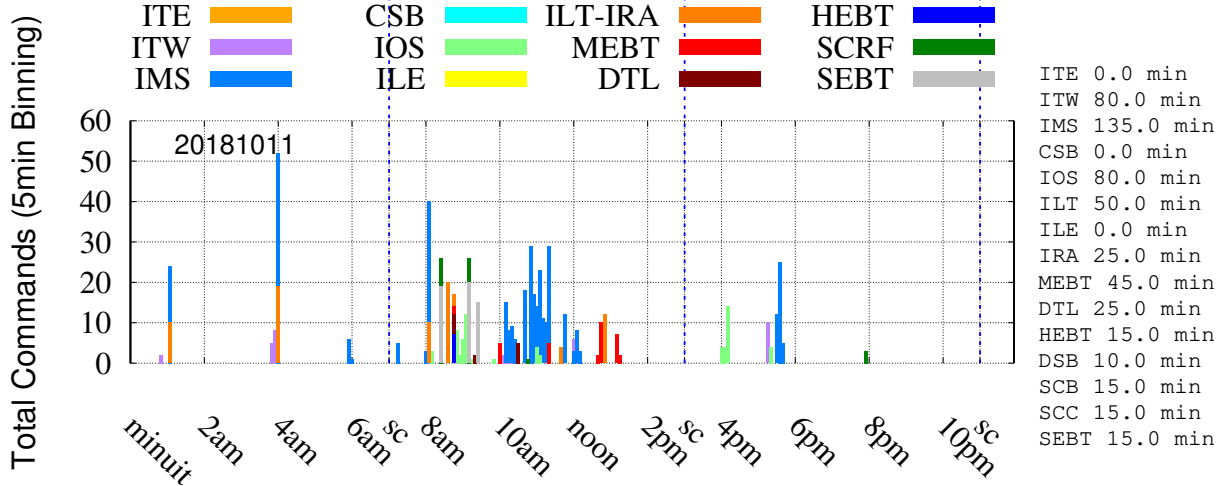
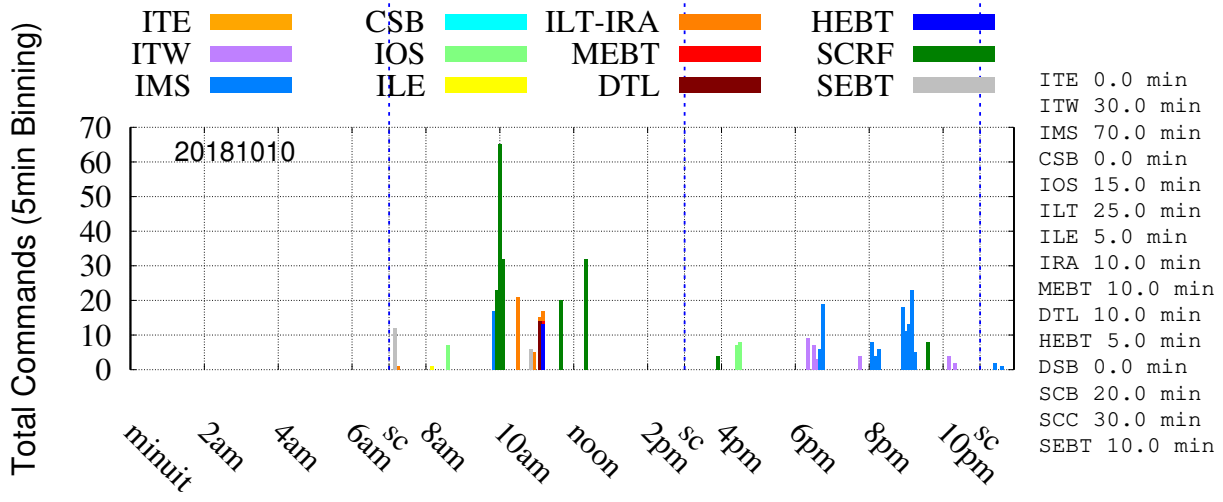


Total Commands (5min Binning)

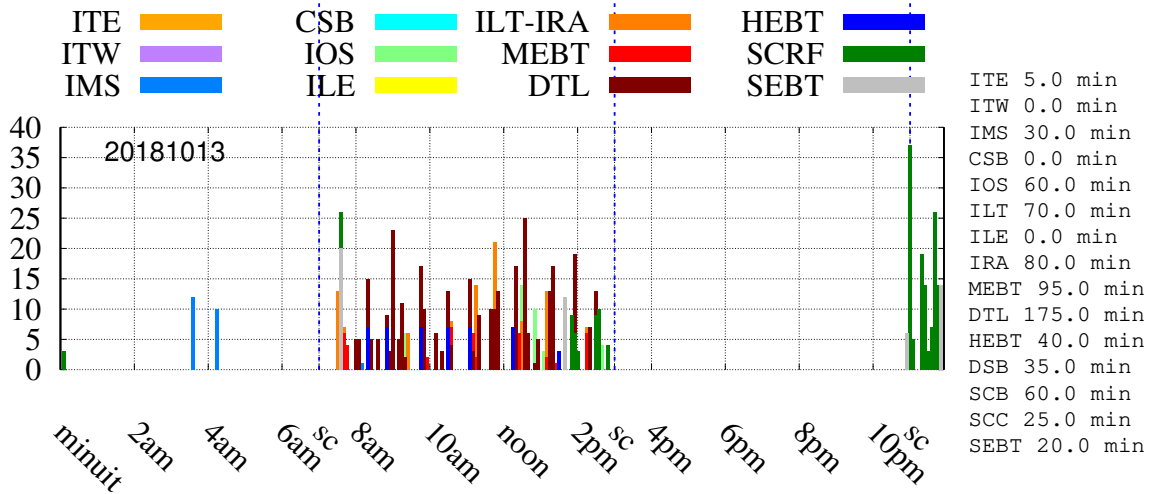


Total Commands (5min Binning)

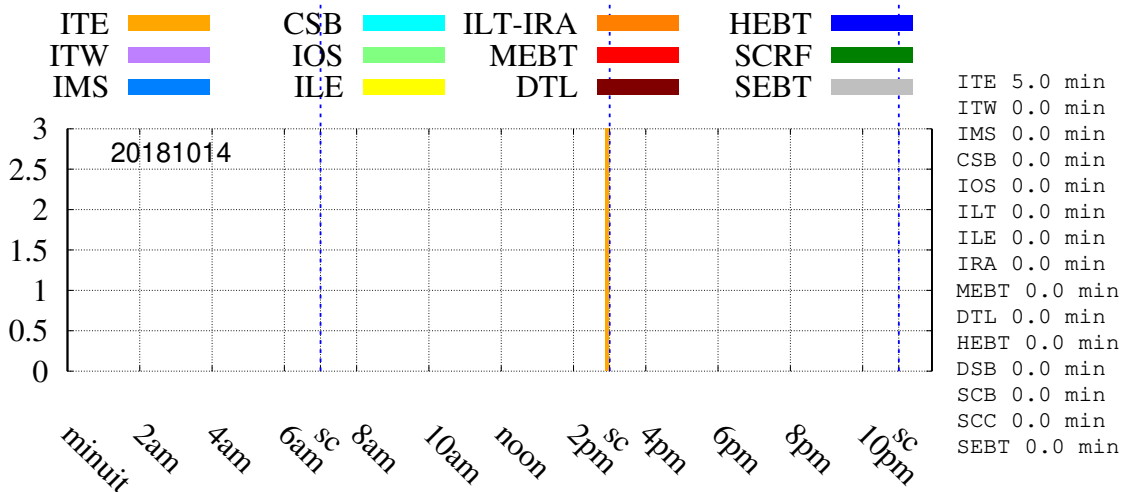




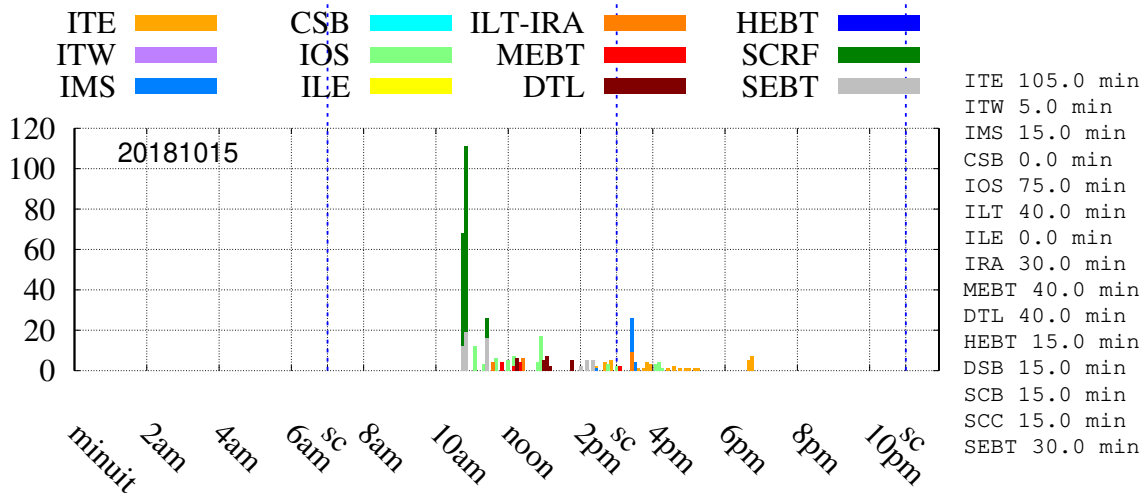
Total Commands (5min Binning)



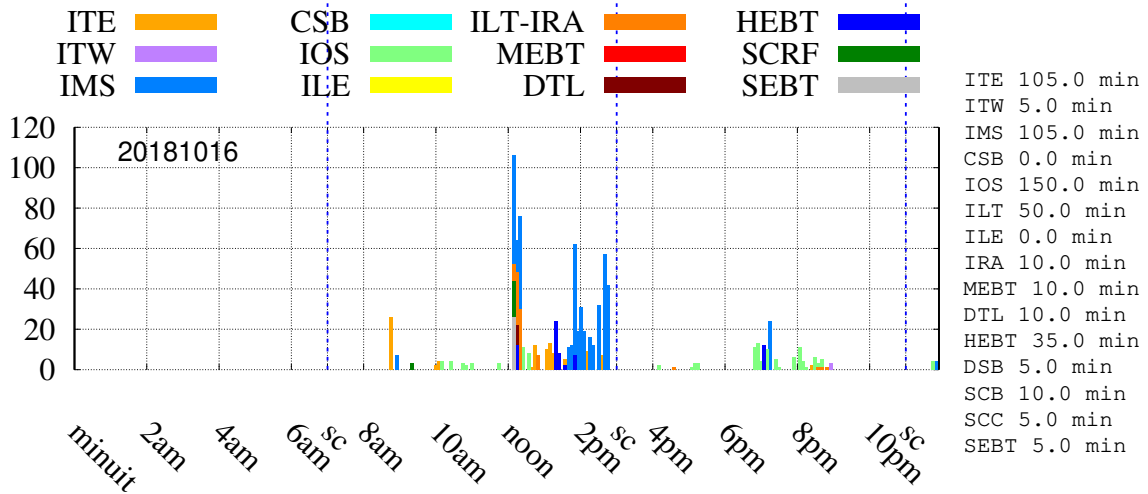
Total Commands (5min Binning)



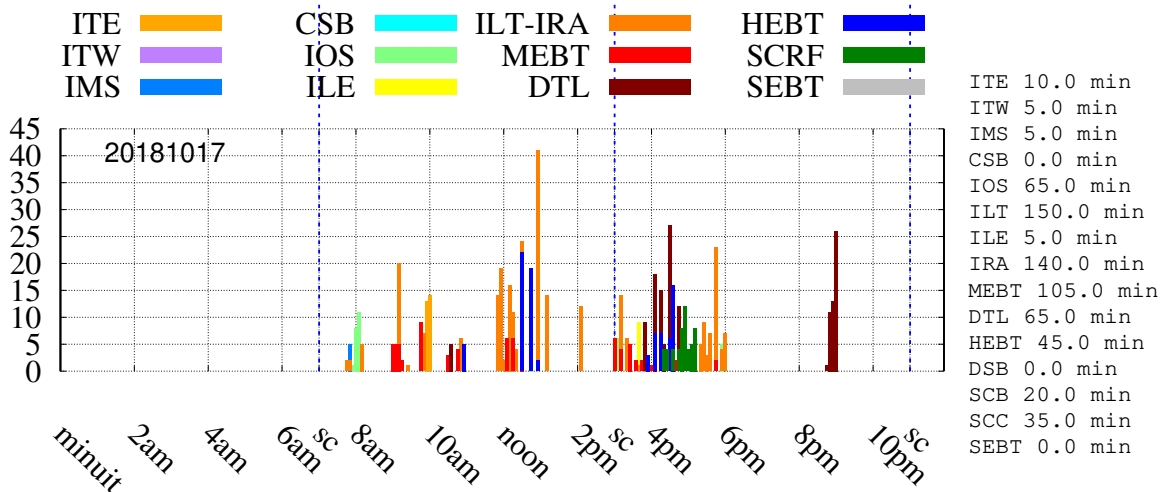
Total Commands (5min Binning)



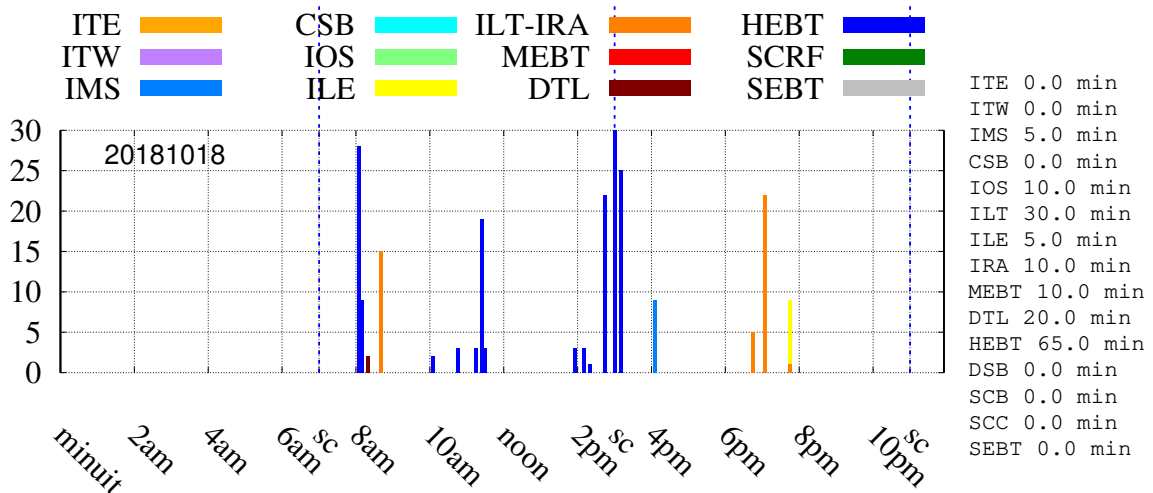
Total Commands (5min Binning)



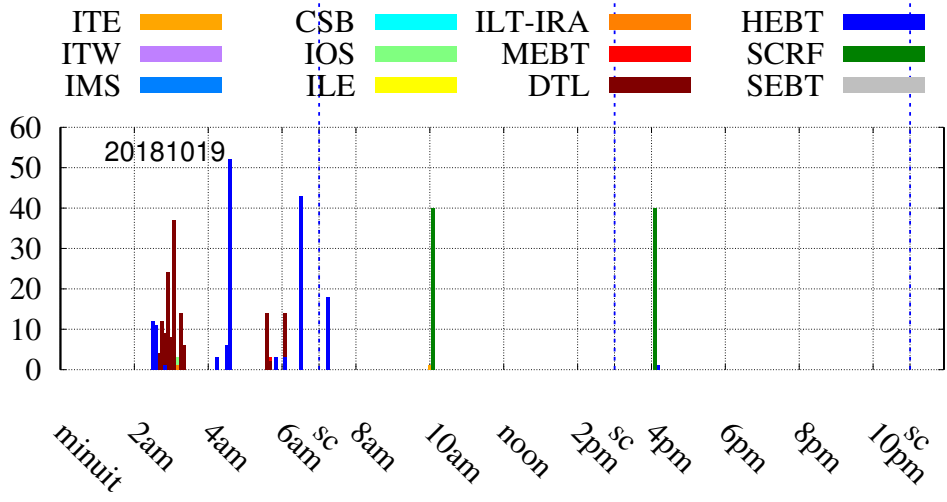
Total Commands (5min Binning)



Total Commands (5min Binning)

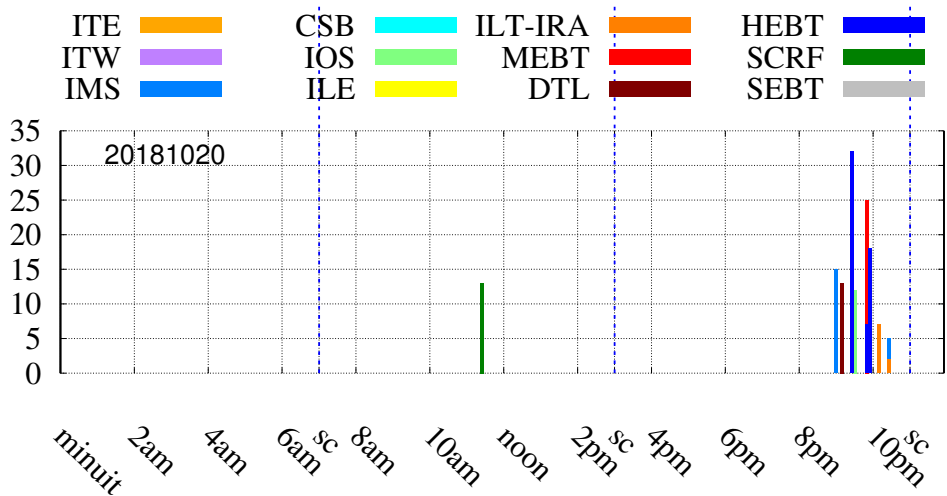


Total Commands (5min Binning)



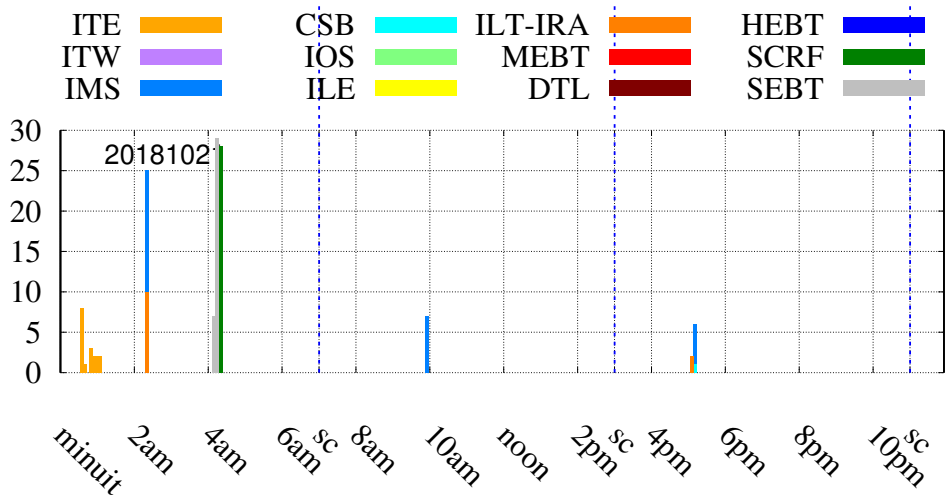
ITE 10.0 min
 ITW 0.0 min
 IMS 5.0 min
 CSB 0.0 min
 IOS 15.0 min
 ILT 0.0 min
 ILE 0.0 min
 IRA 10.0 min
 MEBT 10.0 min
 DTL 75.0 min
 HEBT 55.0 min
 DSB 0.0 min
 SCB 10.0 min
 SCC 10.0 min
 SEBT 0.0 min

Total Commands (5min Binning)

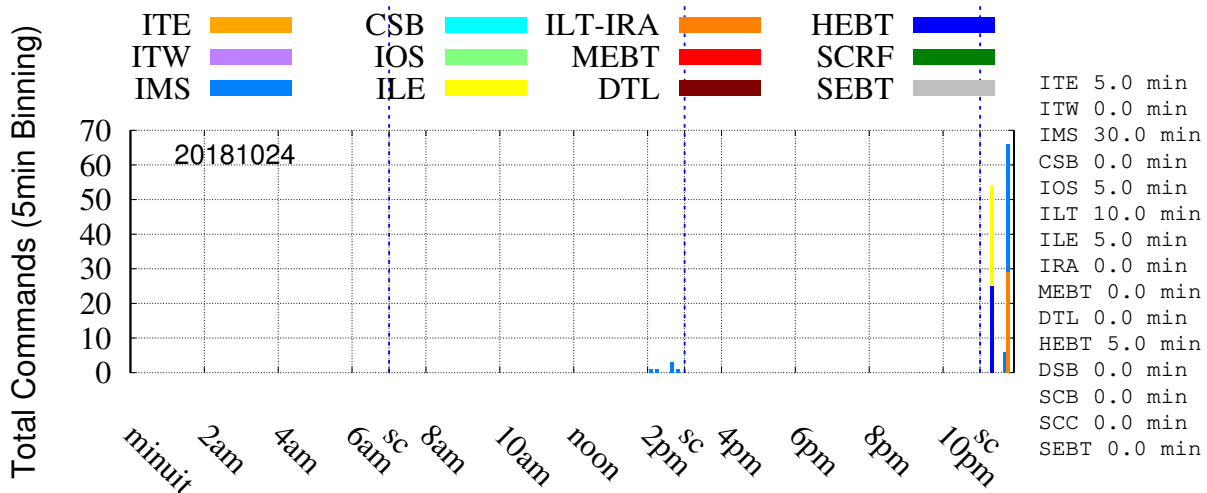
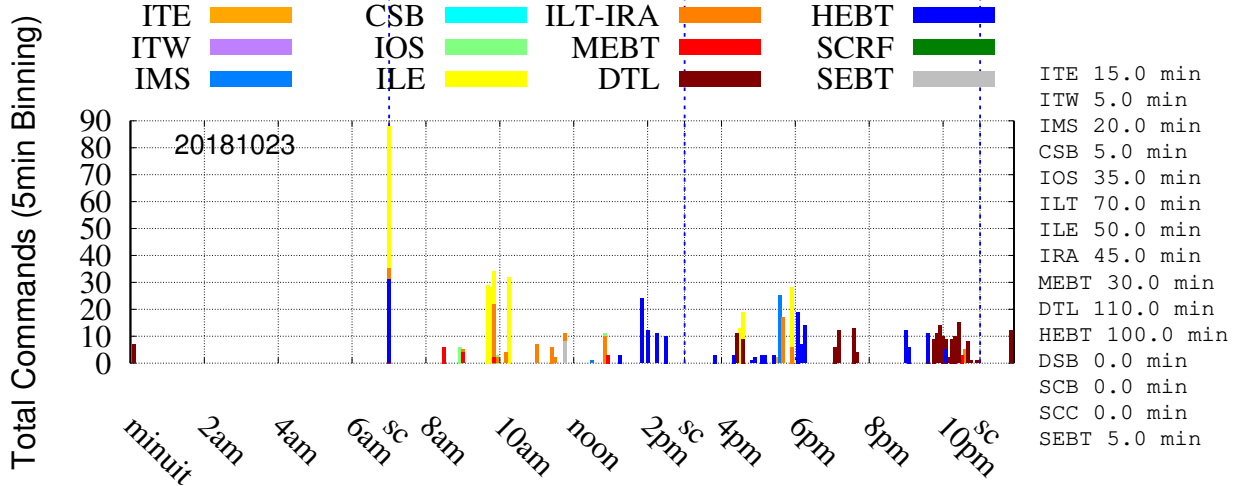
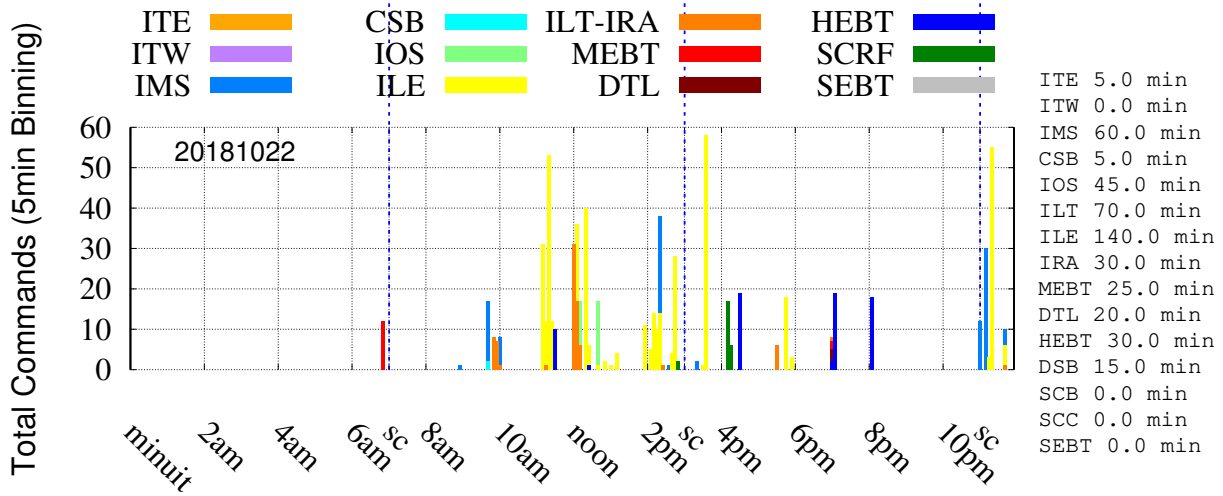


ITE 5.0 min
 ITW 5.0 min
 IMS 10.0 min
 CSB 5.0 min
 IOS 5.0 min
 ILT 20.0 min
 ILE 0.0 min
 IRA 5.0 min
 MEBT 5.0 min
 DTL 15.0 min
 HEBT 15.0 min
 DSB 0.0 min
 SCB 5.0 min
 SCC 5.0 min
 SEBT 0.0 min

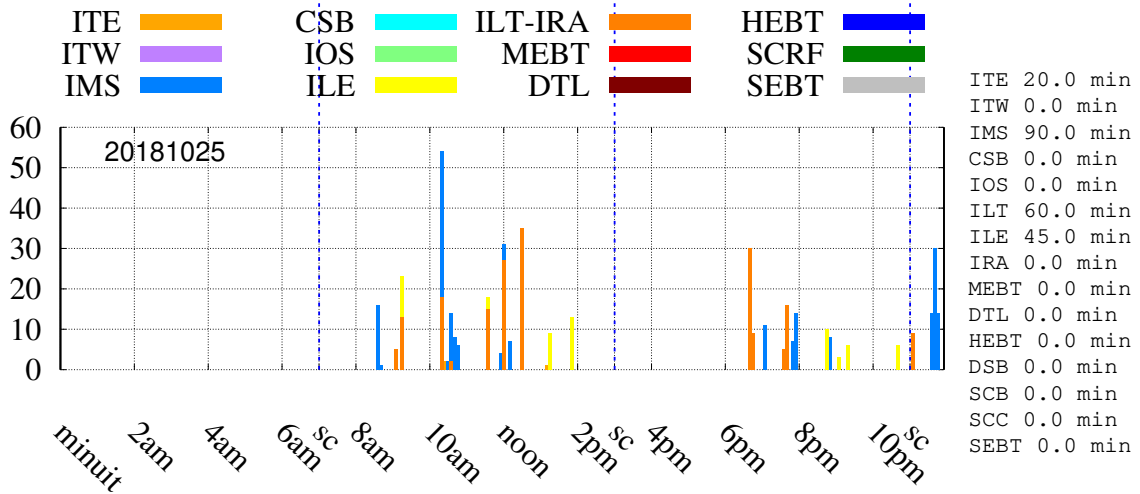
Total Commands (5min Binning)



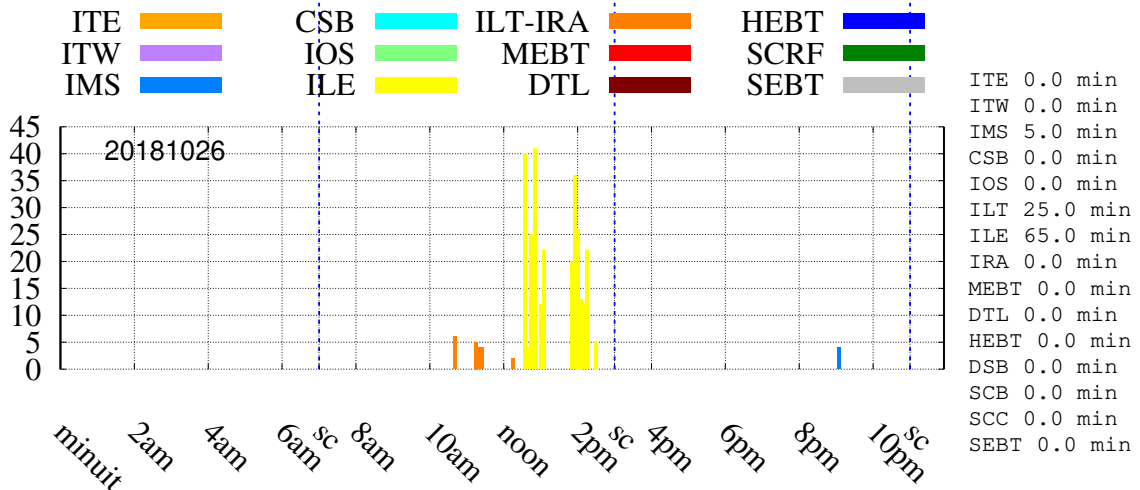
ITE 35.0 min
 ITW 0.0 min
 IMS 15.0 min
 CSB 10.0 min
 IOS 0.0 min
 ILT 10.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 10.0 min
 SCB 5.0 min
 SCC 0.0 min
 SEBT 10.0 min



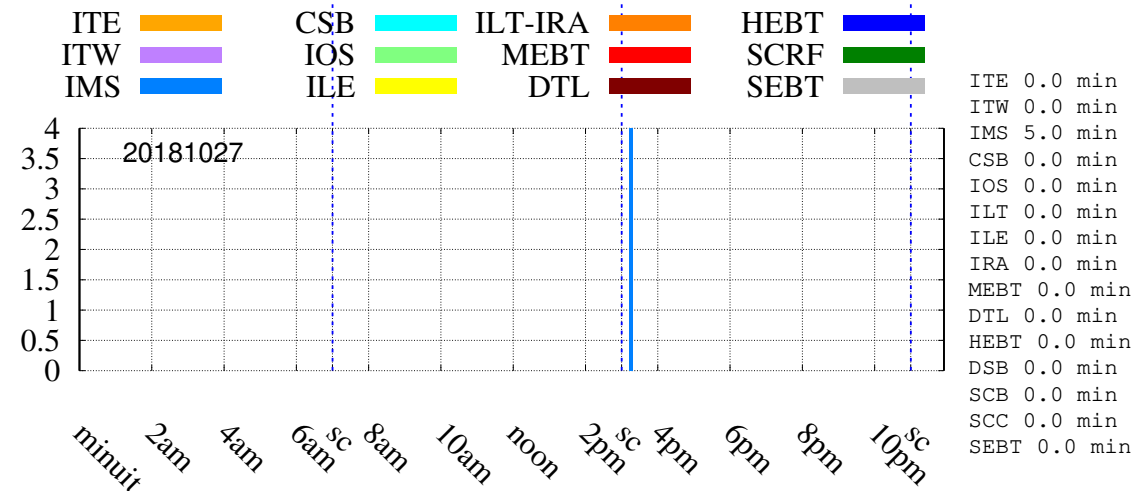
Total Commands (5min Binning)



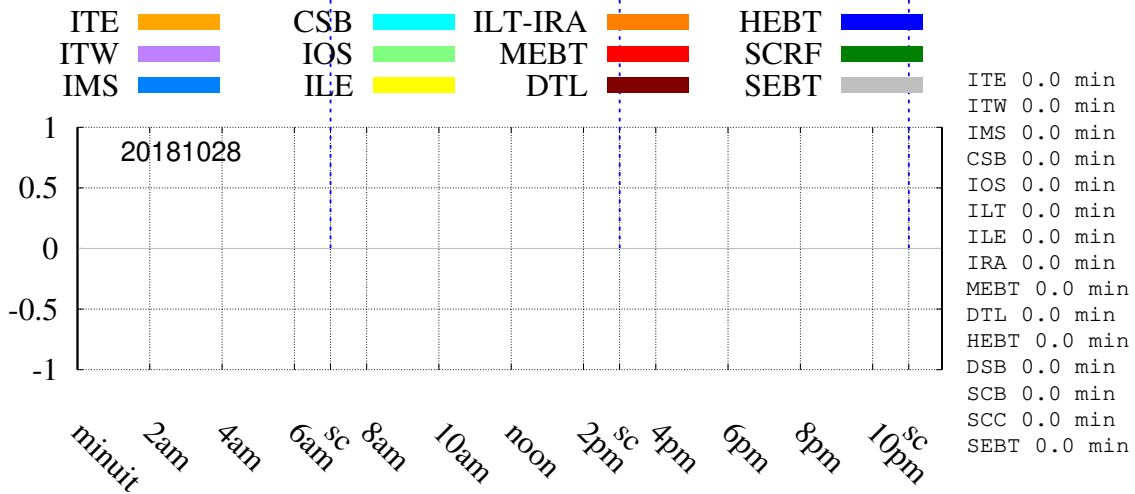
Total Commands (5min Binning)



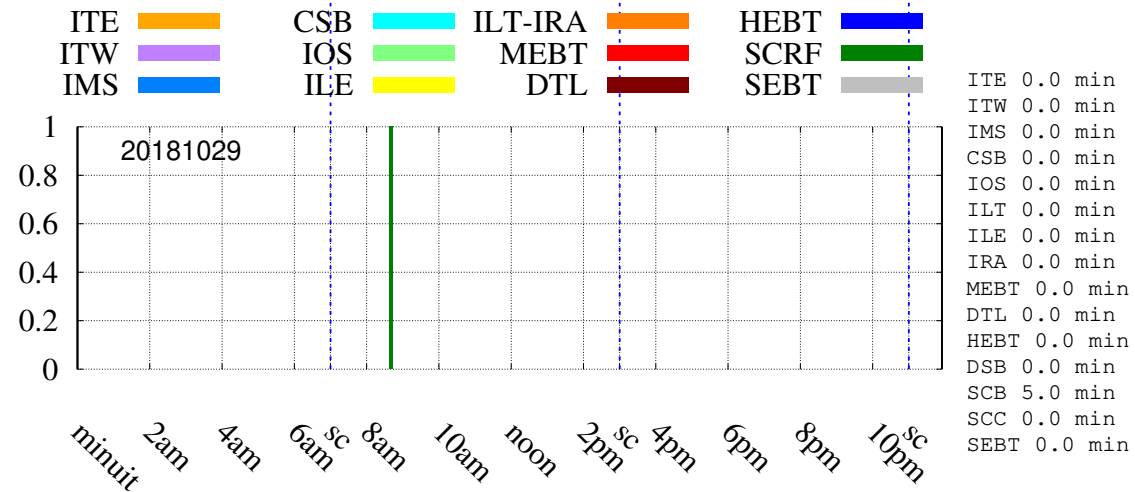
Total Commands (5min Binning)



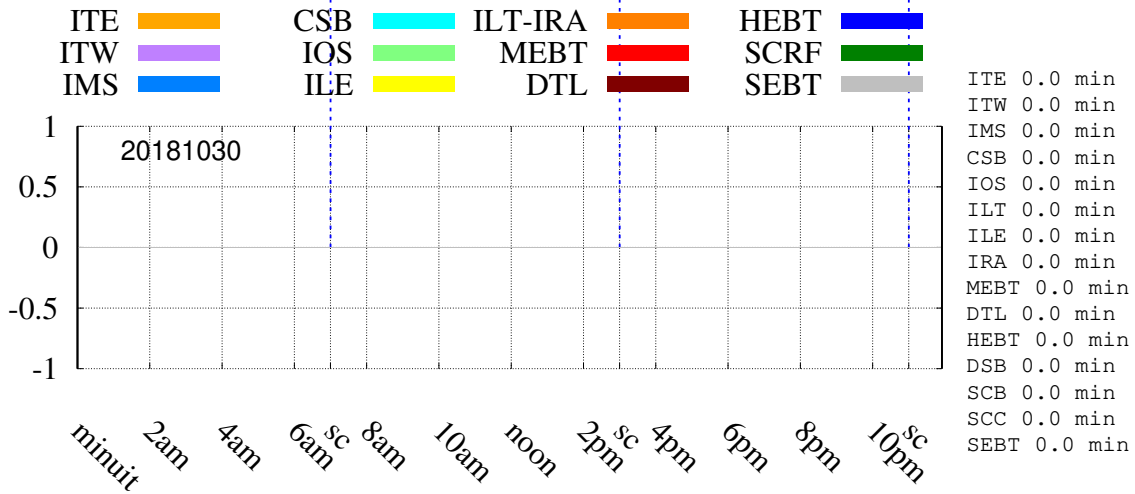
Total Commands (5min Binning)

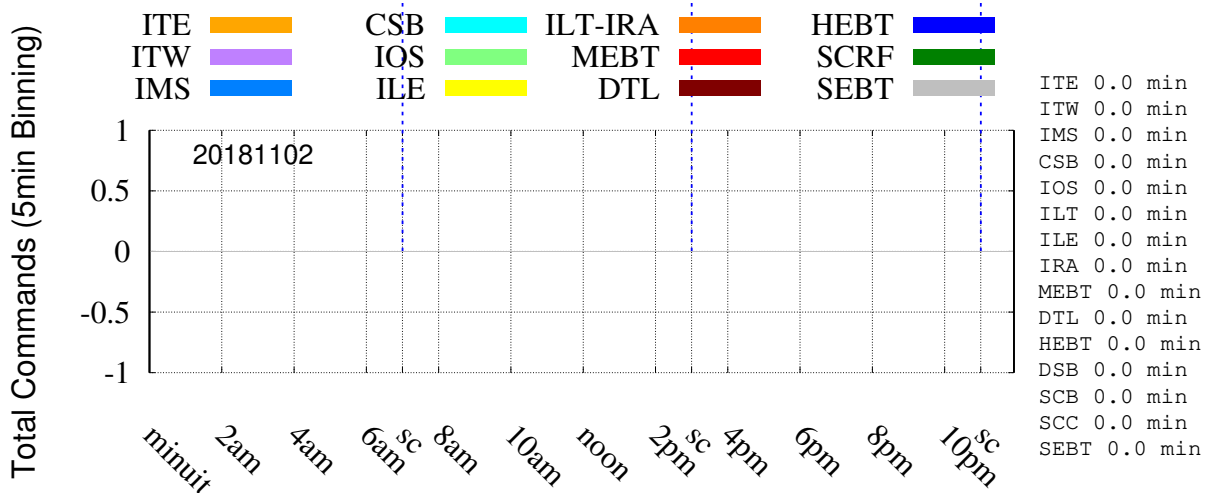
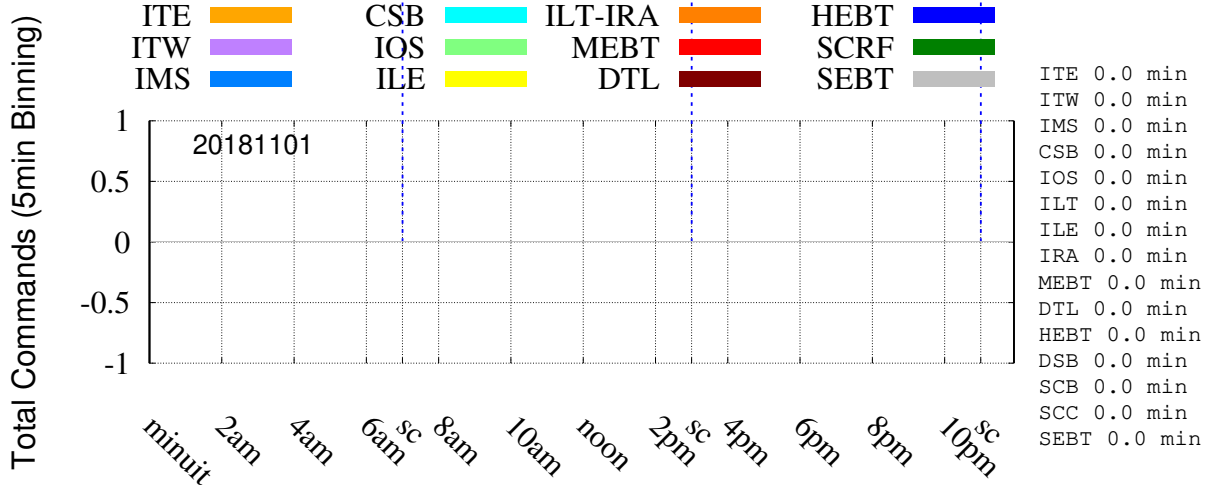
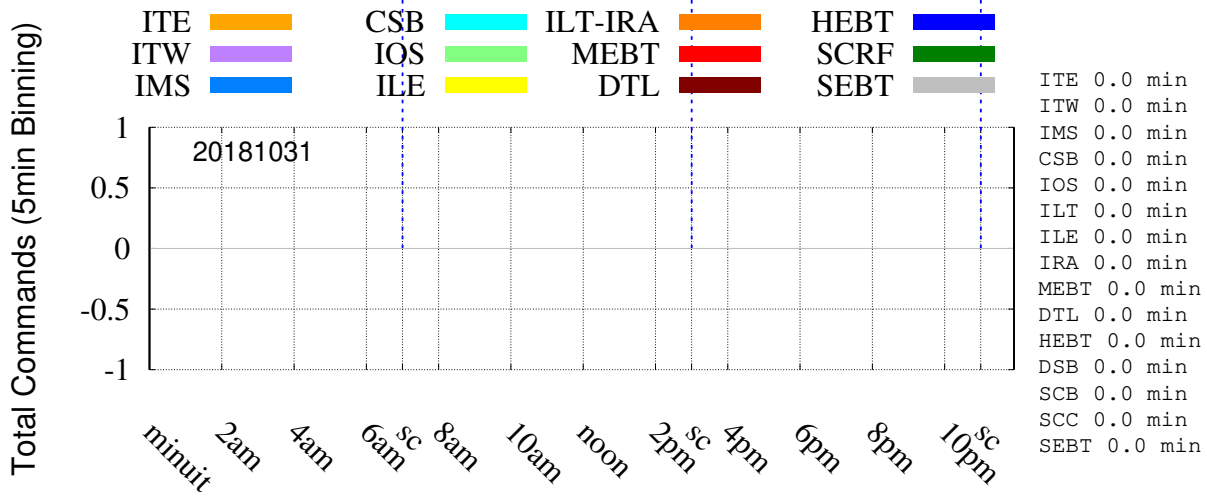


Total Commands (5min Binning)

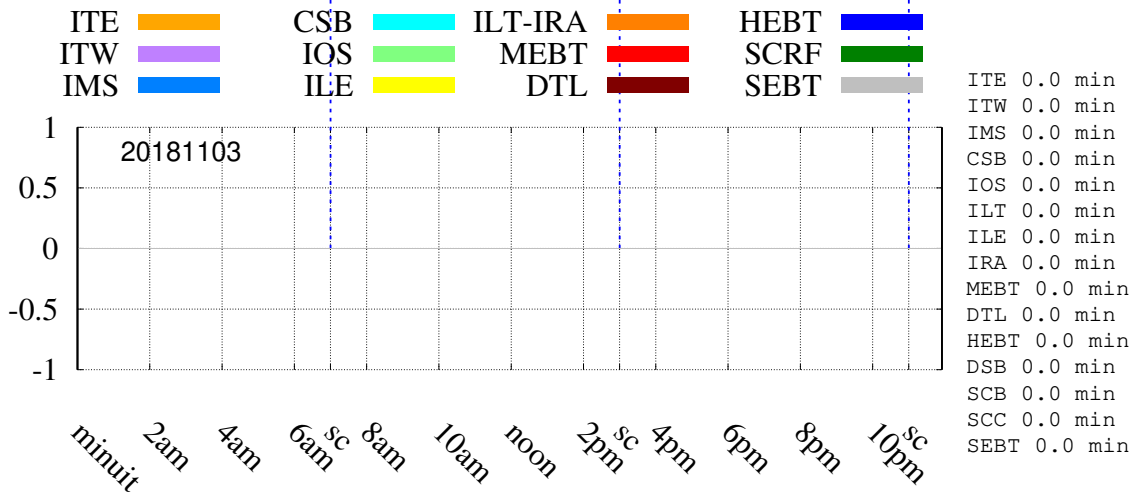


Total Commands (5min Binning)

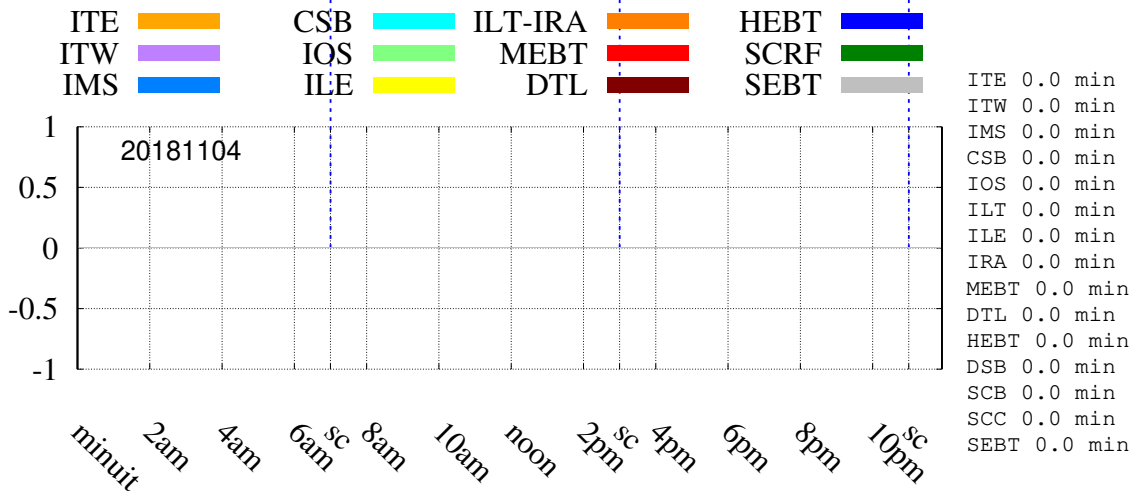




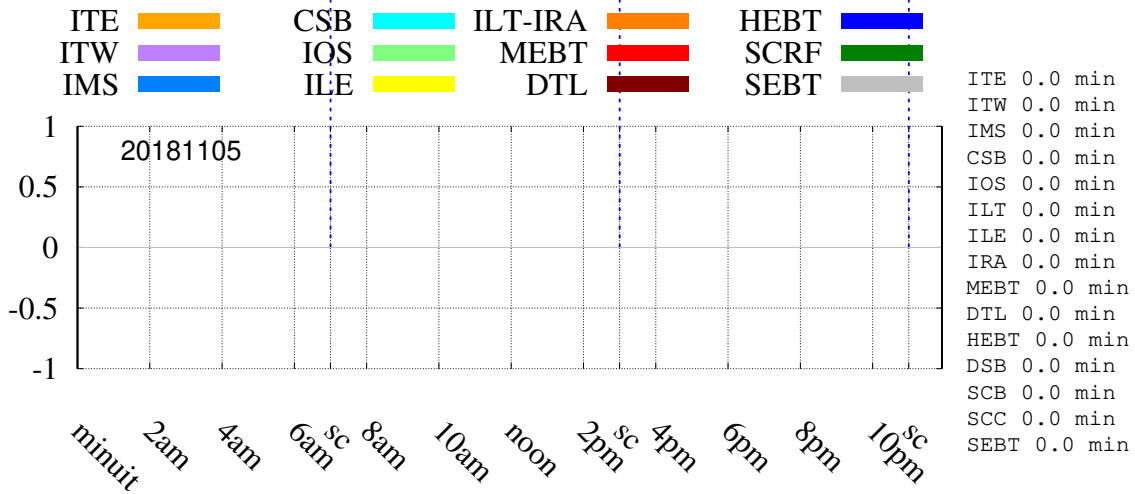
Total Commands (5min Binning)



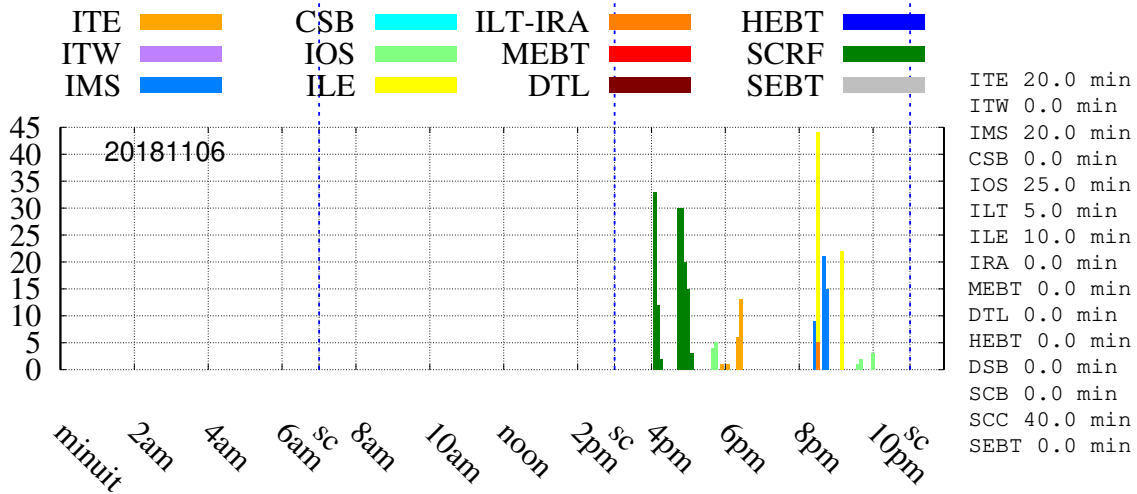
Total Commands (5min Binning)



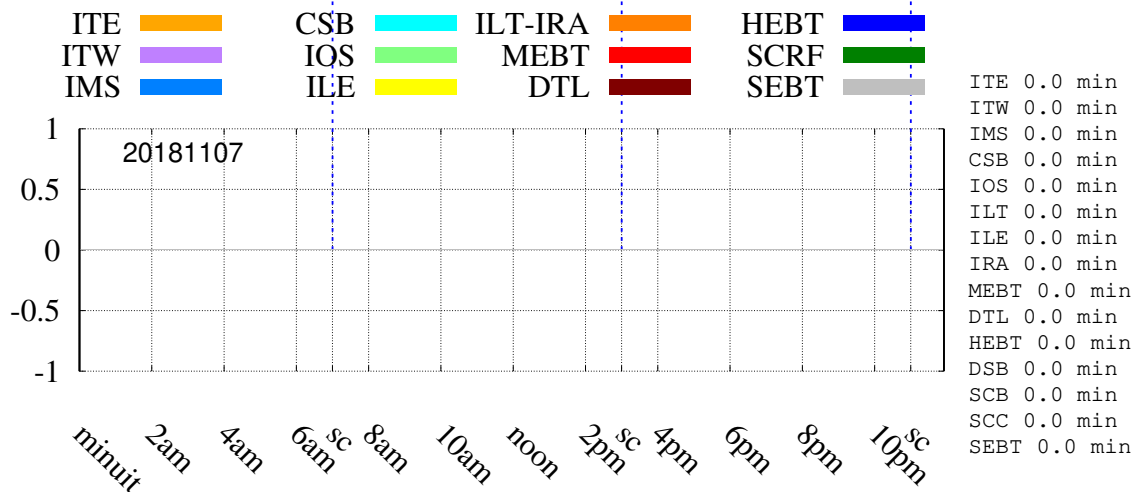
Total Commands (5min Binning)



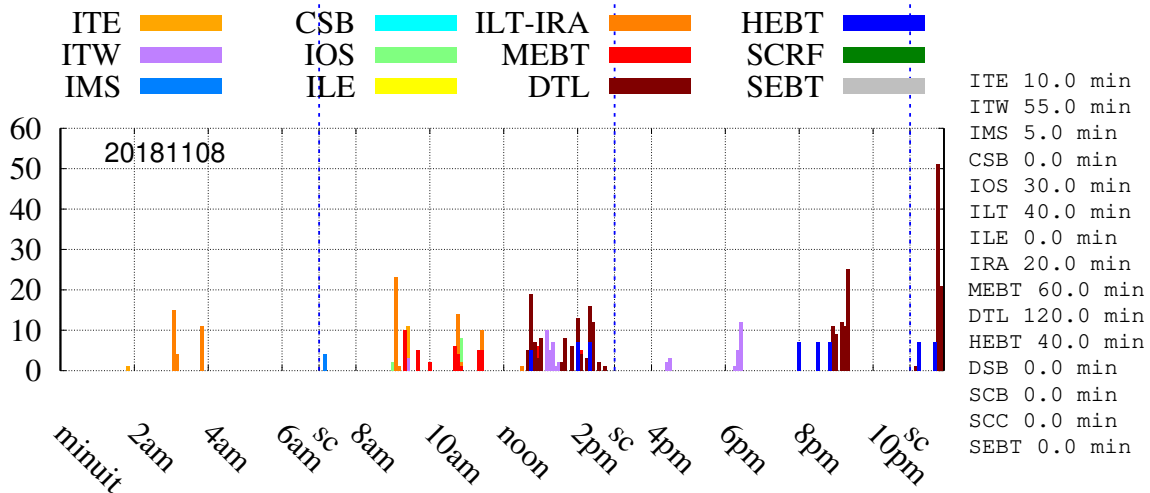
Total Commands (5min Binning)



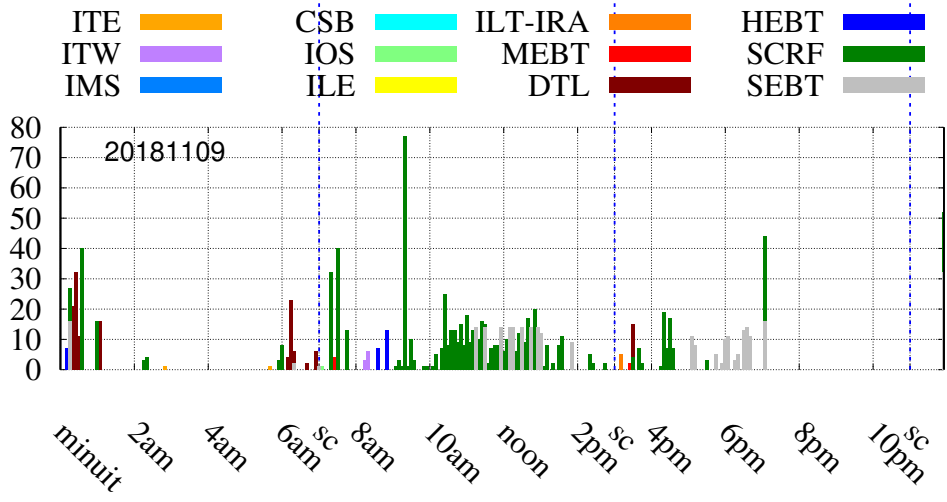
Total Commands (5min Binning)



Total Commands (5min Binning)

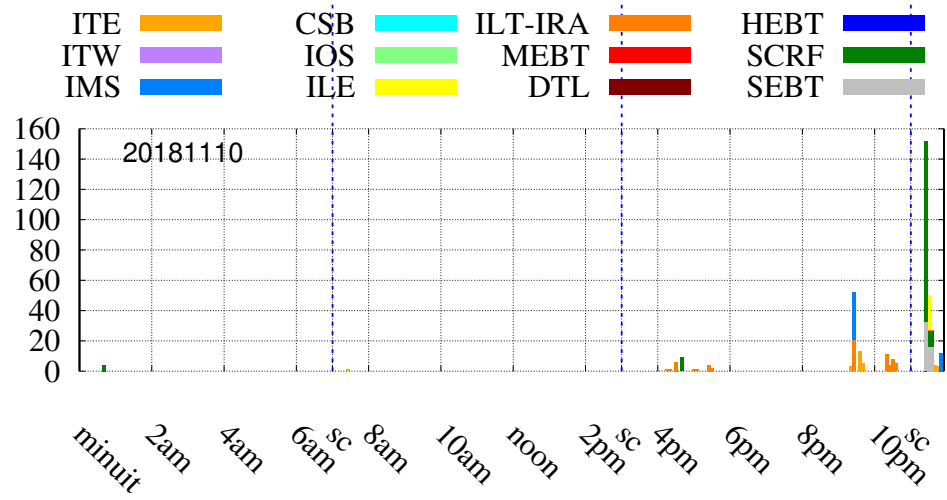


Total Commands (5min Binning)



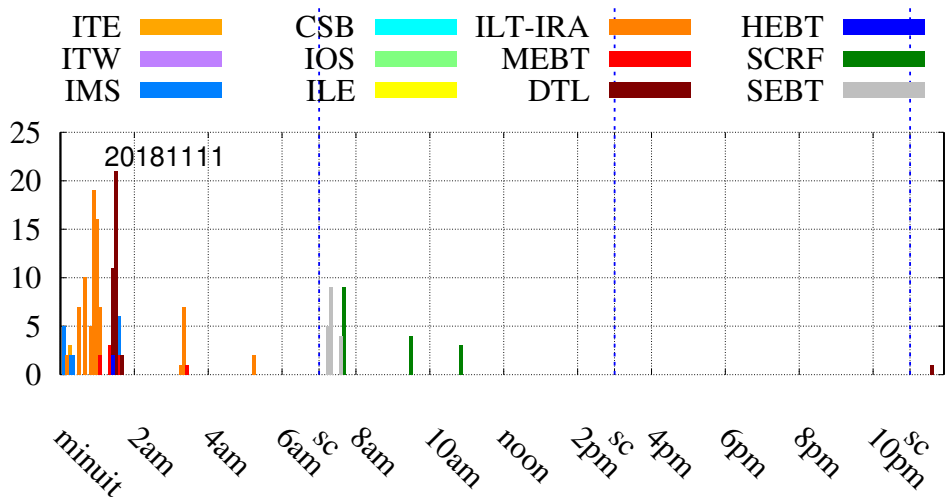
ITE	15.0 min
ITW	25.0 min
IMS	5.0 min
CSB	0.0 min
IOS	30.0 min
ILT-IRA	20.0 min
ILE	5.0 min
IRA	15.0 min
MEBT	30.0 min
DTL	70.0 min
HEBT	45.0 min
DSB	25.0 min
SCB	235.0 min
SCC	195.0 min
SEBT	130.0 min

Total Commands (5min Binning)



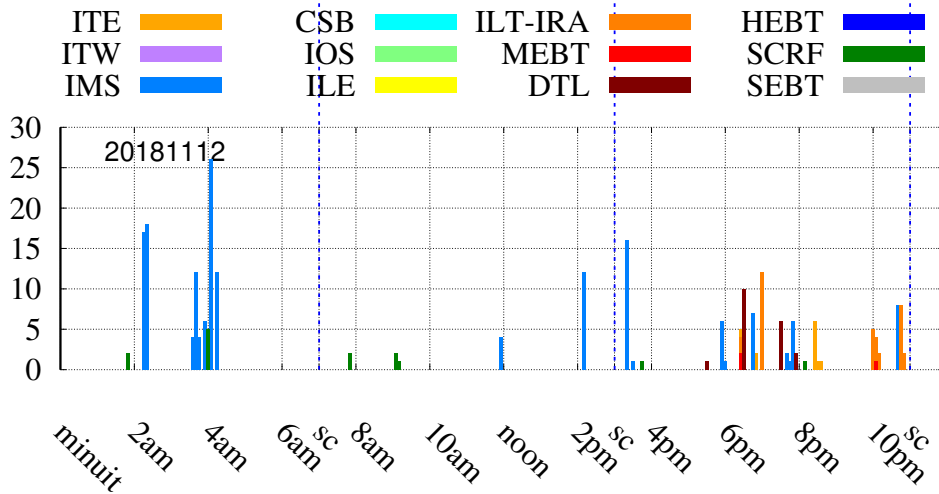
ITE	45.0 min
ITW	0.0 min
IMS	25.0 min
CSB	0.0 min
IOS	10.0 min
ILT-IRA	75.0 min
ILE	5.0 min
IRA	15.0 min
MEBT	15.0 min
DTL	15.0 min
HEBT	15.0 min
DSB	15.0 min
SCB	25.0 min
SCC	15.0 min
SEBT	15.0 min

Total Commands (5min Binning)



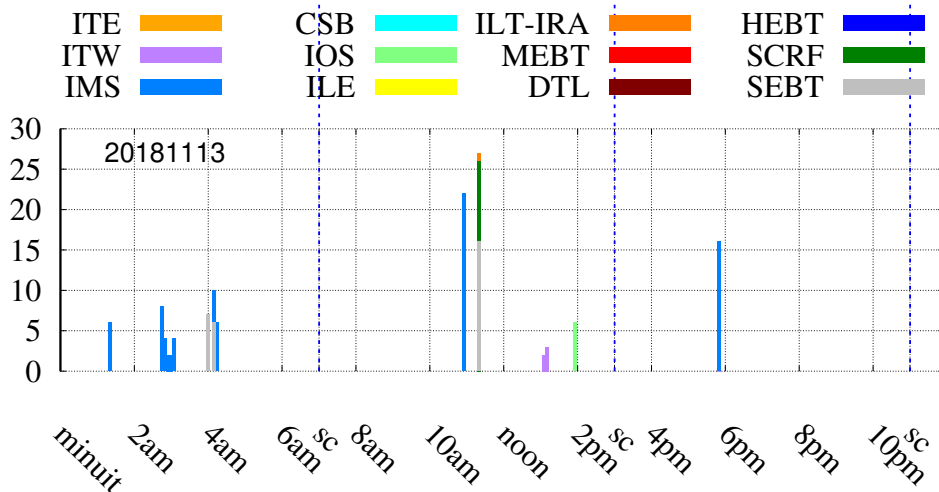
ITE	10.0 min
ITW	0.0 min
IMS	20.0 min
CSB	0.0 min
IOS	0.0 min
ILT-IRA	30.0 min
ILE	0.0 min
IRA	30.0 min
MEBT	20.0 min
DTL	20.0 min
HEBT	5.0 min
DSB	0.0 min
SCB	20.0 min
SCC	0.0 min
SEBT	15.0 min

Total Commands (5min Binning)



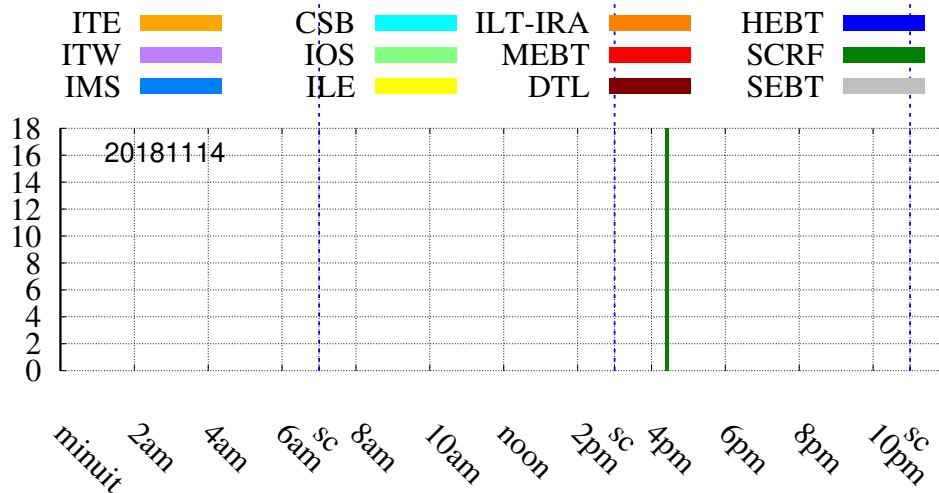
ITE	25.0 min
ITW	0.0 min
IMS	95.0 min
CSB	0.0 min
IOS	0.0 min
ILT	20.0 min
ILE	0.0 min
IRA	15.0 min
MEBT	10.0 min
DTL	20.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	35.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)



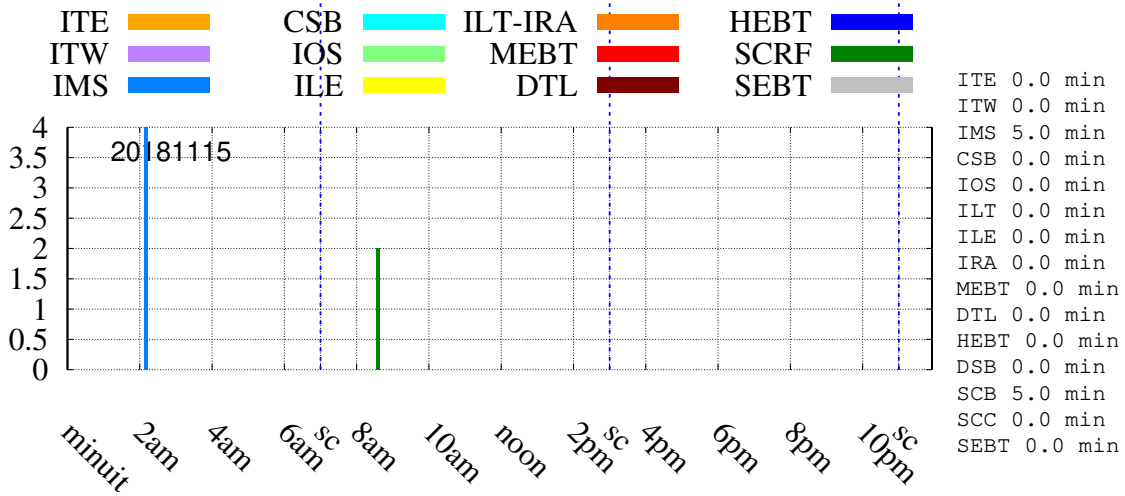
ITE	5.0 min
ITW	15.0 min
IMS	55.0 min
CSB	0.0 min
IOS	5.0 min
ILT	5.0 min
ILE	0.0 min
IRA	5.0 min
MEBT	5.0 min
DTL	5.0 min
HEBT	5.0 min
DSB	5.0 min
SCB	5.0 min
SCC	5.0 min
SEBT	15.0 min

Total Commands (5min Binning)

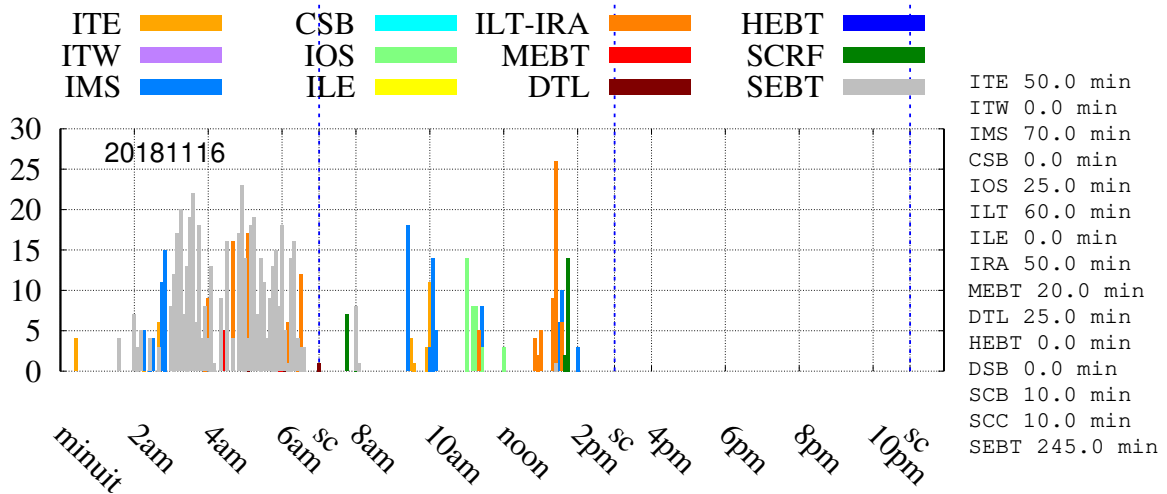


ITE	0.0 min
ITW	0.0 min
IMS	0.0 min
CSB	0.0 min
IOS	0.0 min
ILT	0.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	5.0 min
SCC	0.0 min
SEBT	0.0 min

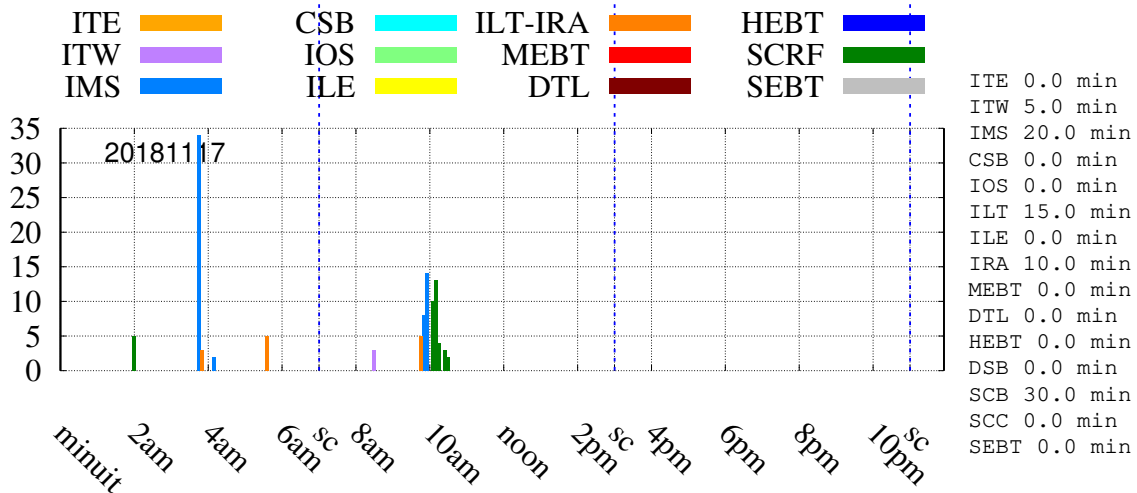
Total Commands (5min Binning)



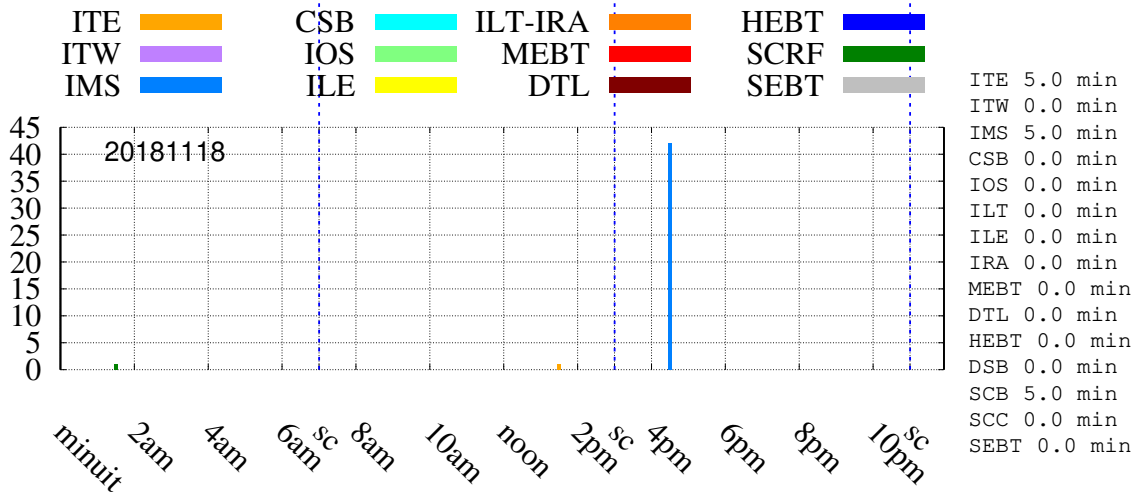
Total Commands (5min Binning)



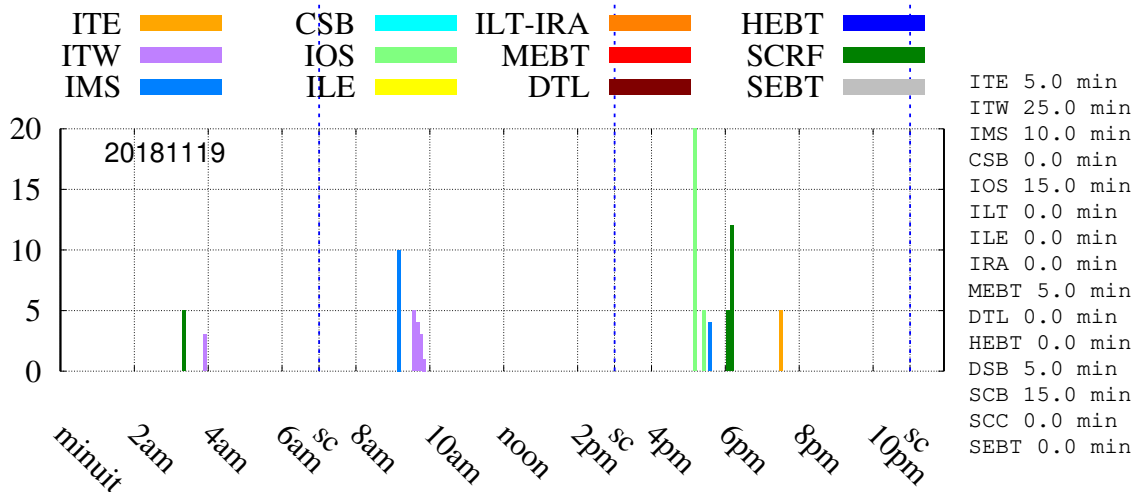
Total Commands (5min Binning)



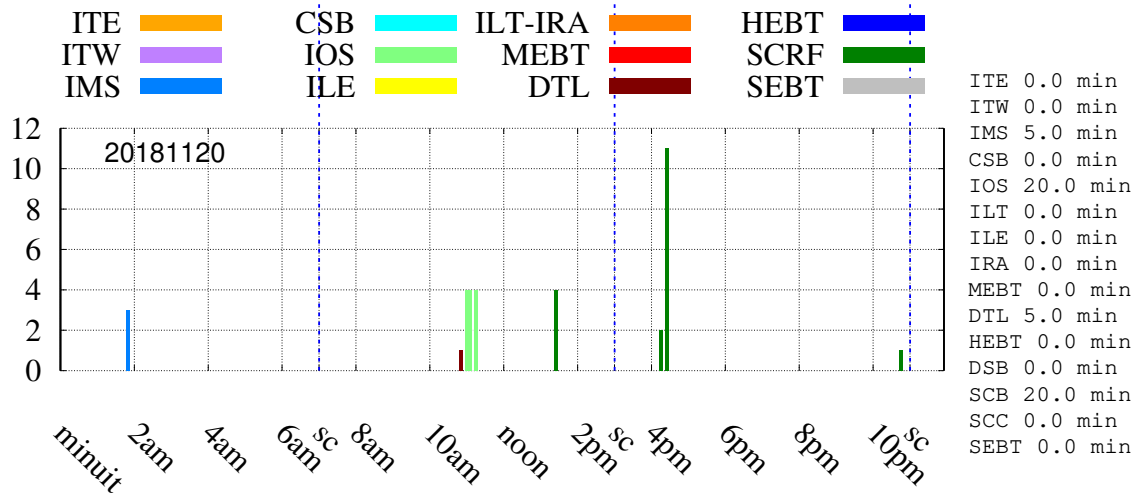
Total Commands (5min Binning)



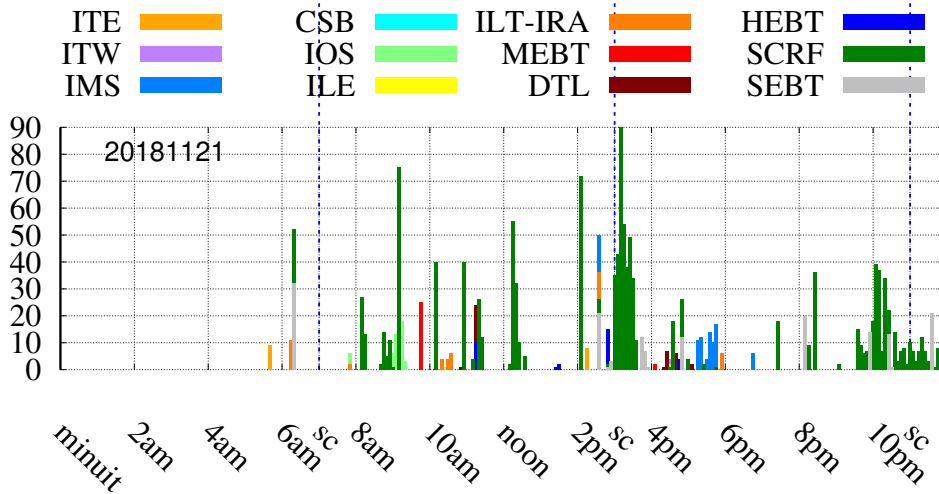
Total Commands (5min Binning)



Total Commands (5min Binning)

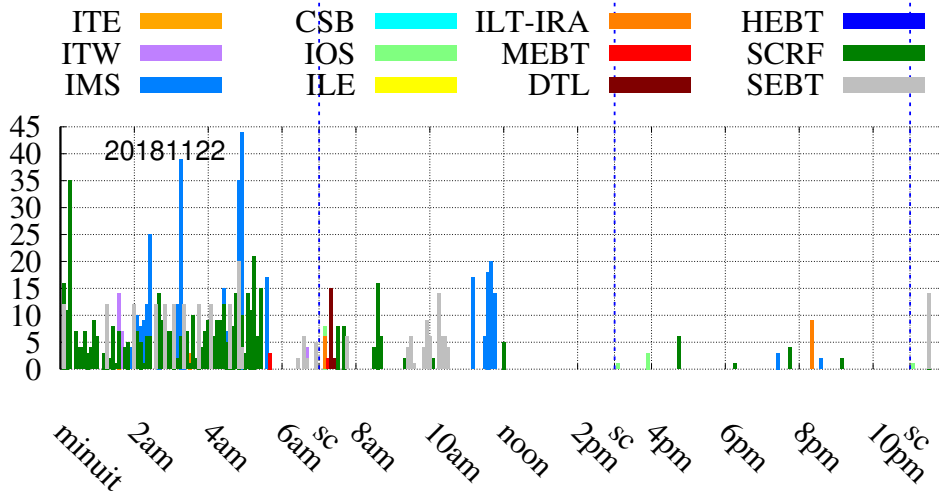


Total Commands (5min Binning)



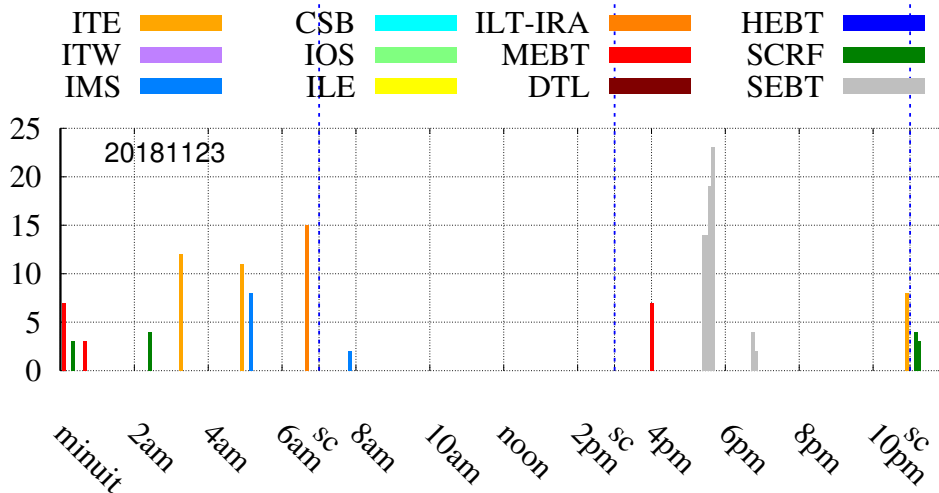
ITE	15.0 min
ITW	20.0 min
IMS	45.0 min
CSB	0.0 min
IOS	70.0 min
ILT-IRA	65.0 min
ILE	0.0 min
IRA	60.0 min
MEBT	30.0 min
DTL	55.0 min
HEBT	65.0 min
DSB	55.0 min
SCB	305.0 min
SCC	140.0 min
SEBT	65.0 min

Total Commands (5min Binning)



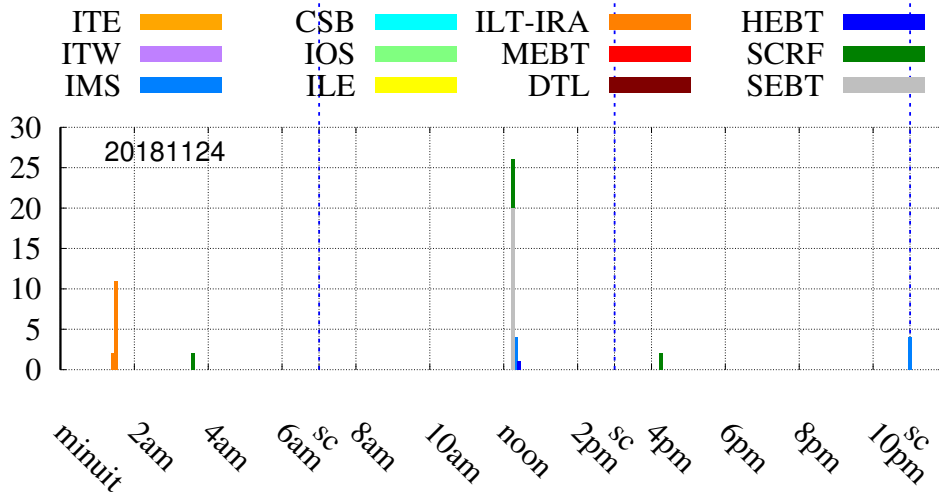
ITE	0.0 min
ITW	30.0 min
IMS	135.0 min
CSB	0.0 min
IOS	20.0 min
ILT-IRA	30.0 min
ILE	0.0 min
IRA	10.0 min
MEBT	15.0 min
DTL	15.0 min
HEBT	0.0 min
DSB	20.0 min
SCB	240.0 min
SCC	170.0 min
SEBT	140.0 min

Total Commands (5min Binning)



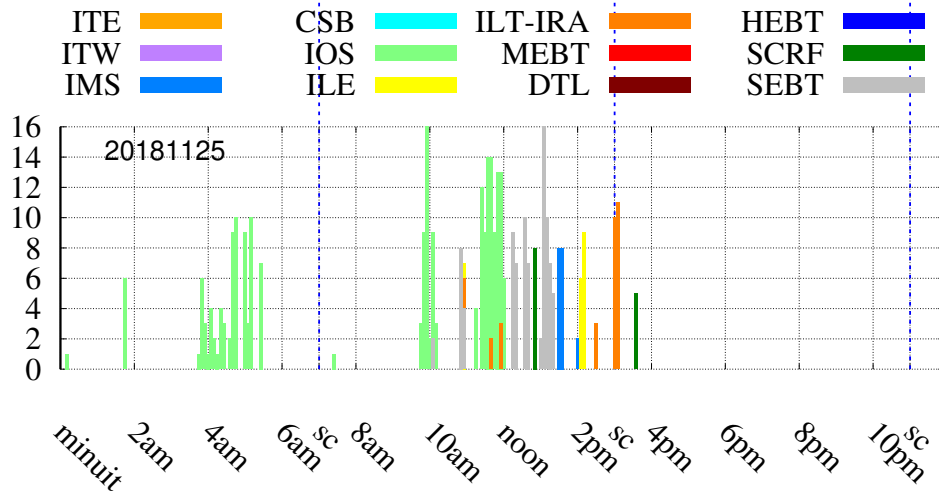
ITE	15.0 min
ITW	0.0 min
IMS	10.0 min
CSB	0.0 min
IOS	0.0 min
ILT-IRA	5.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	15.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	5.0 min
SCB	10.0 min
SCC	10.0 min
SEBT	30.0 min

Total Commands (5min Binning)



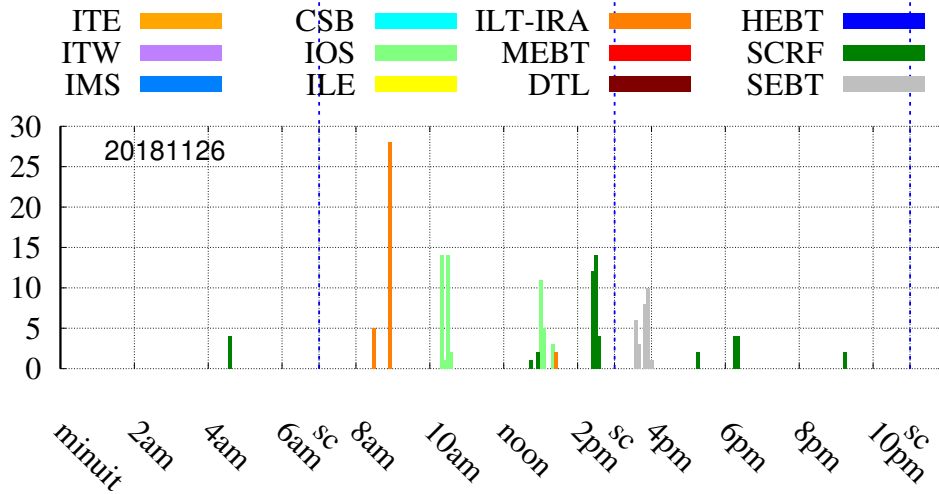
20181124

Total Commands (5min Binning)



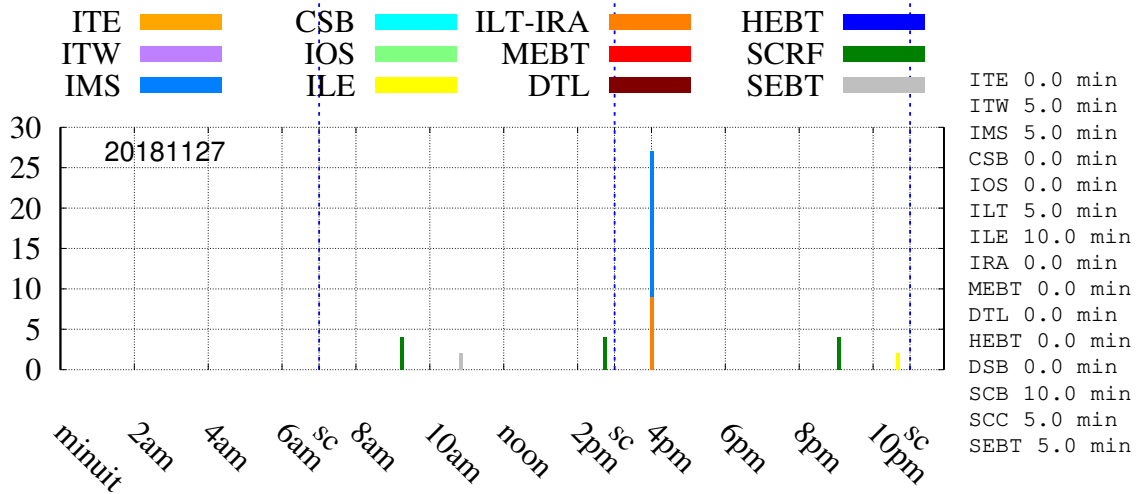
20181125

Total Commands (5min Binning)

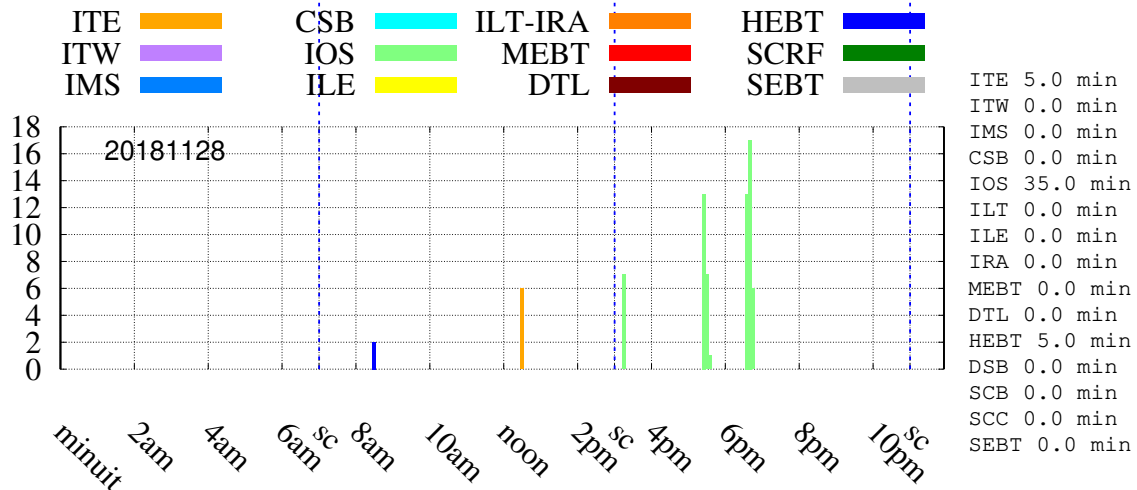


20181126

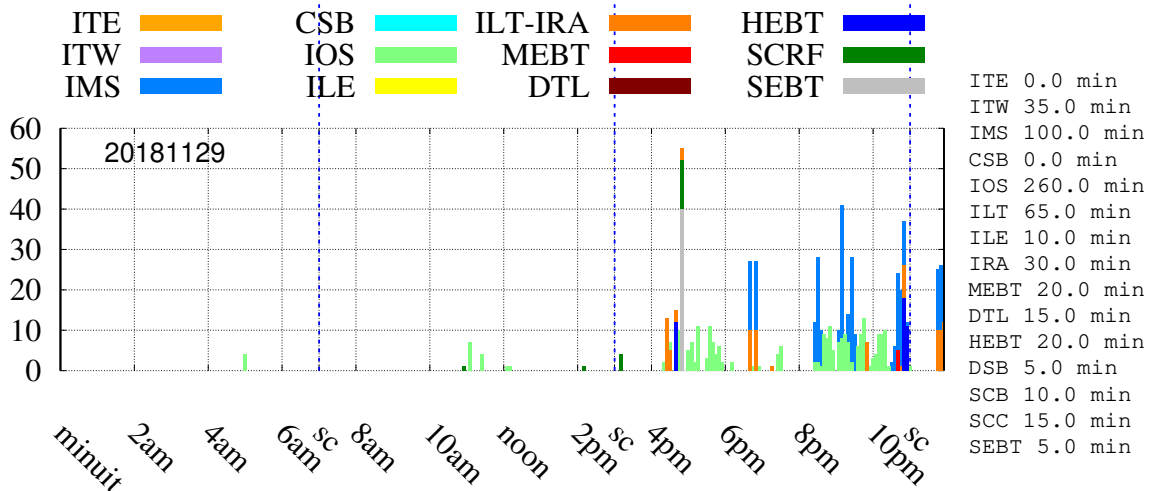
Total Commands (5min Binning)



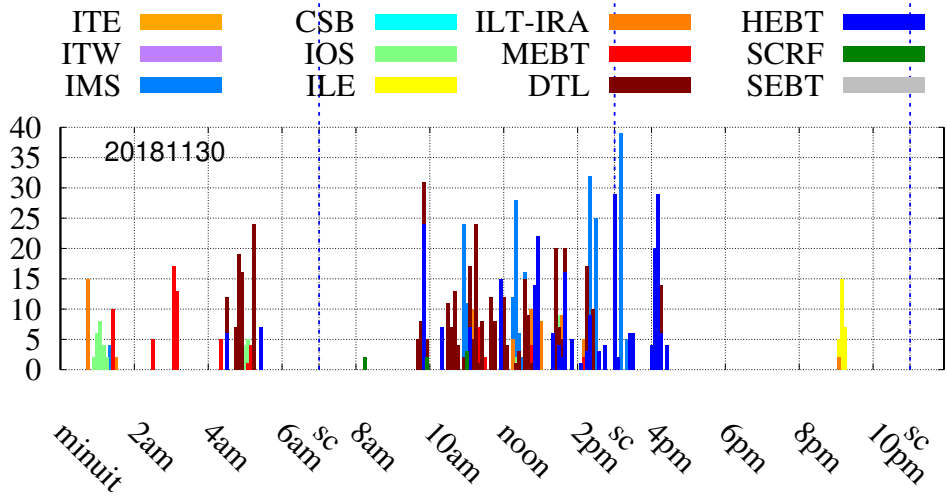
Total Commands (5min Binning)



Total Commands (5min Binning)

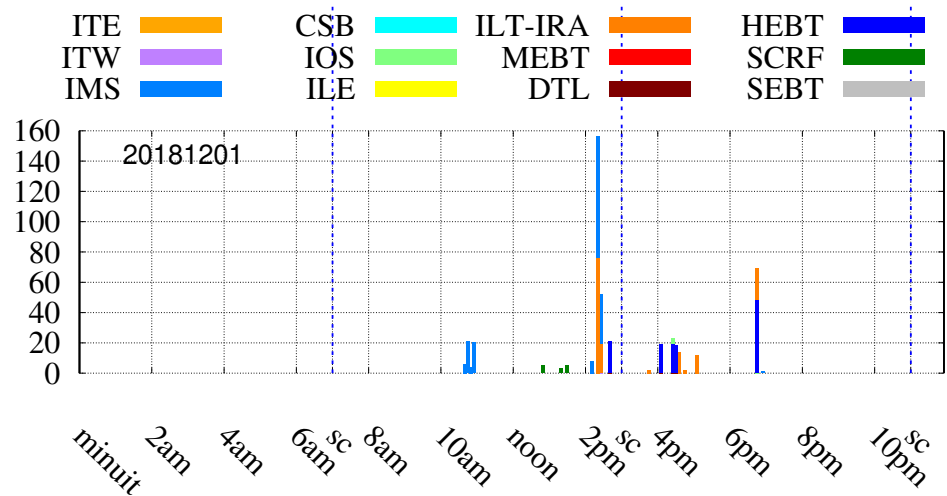


Total Commands (5min Binning)



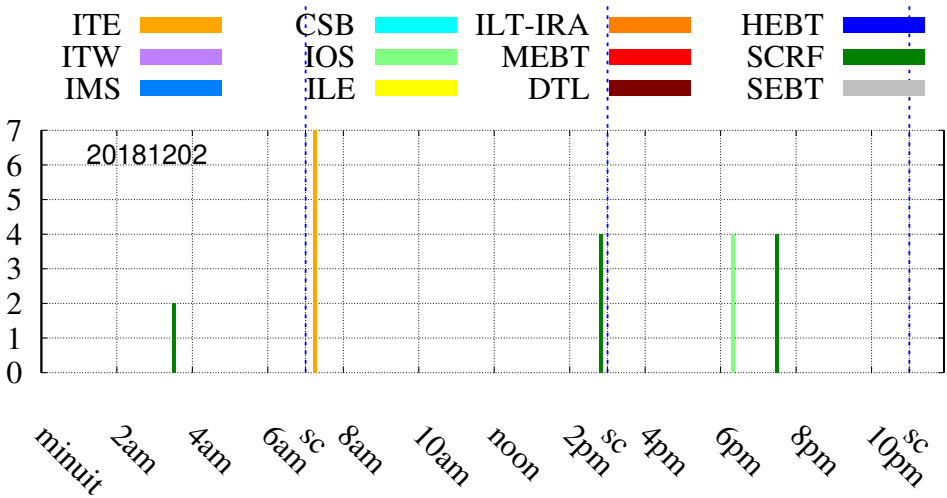
ITE 0.0 min
 ITW 5.0 min
 IMS 70.0 min
 CSB 0.0 min
 IOS 50.0 min
 ILT 65.0 min
 ILE 15.0 min
 IRA 65.0 min
 MEBT 95.0 min
 DTL 175.0 min
 HEBT 135.0 min
 DSB 0.0 min
 SCB 10.0 min
 SCC 5.0 min
 SEBT 0.0 min

Total Commands (5min Binning)



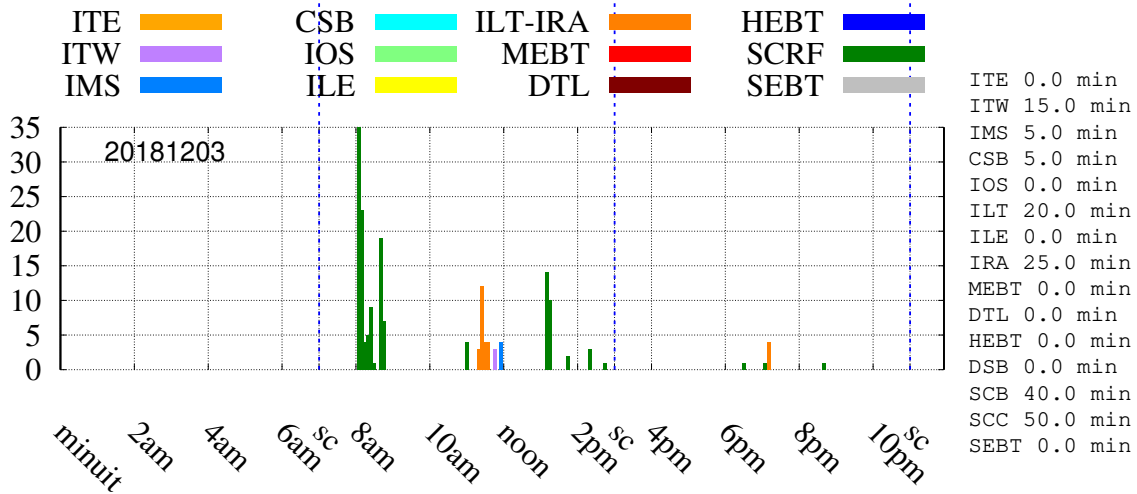
ITE 0.0 min
 ITW 25.0 min
 IMS 45.0 min
 CSB 0.0 min
 IOS 20.0 min
 ILT 55.0 min
 ILE 0.0 min
 IRA 30.0 min
 MEBT 25.0 min
 DTL 25.0 min
 HEBT 25.0 min
 DSB 0.0 min
 SCB 10.0 min
 SCC 10.0 min
 SEBT 0.0 min

Total Commands (5min Binning)

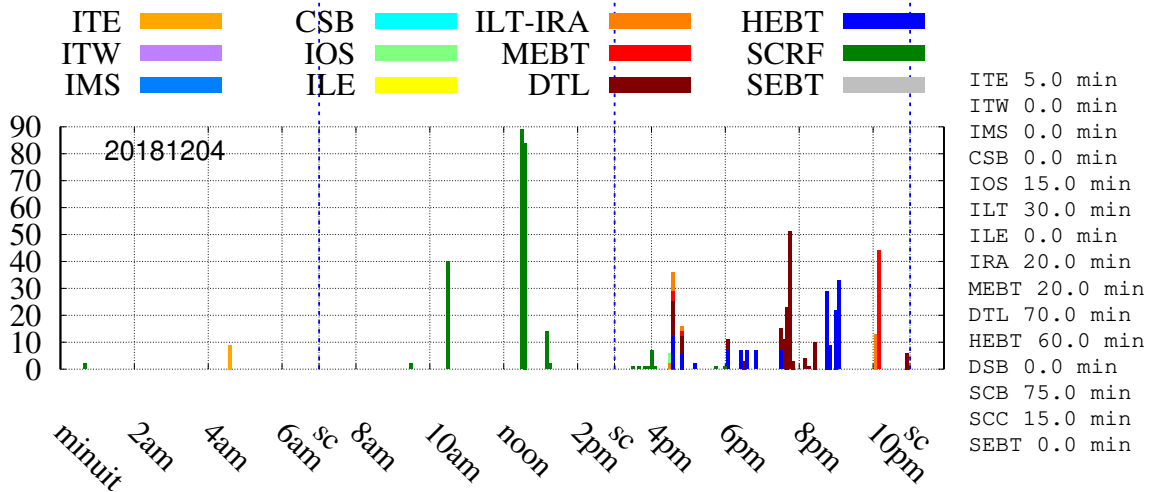


ITE 5.0 min
 ITW 0.0 min
 IMS 0.0 min
 CSB 0.0 min
 IOS 5.0 min
 ILT 0.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 0.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 5.0 min
 SCC 10.0 min
 SEBT 0.0 min

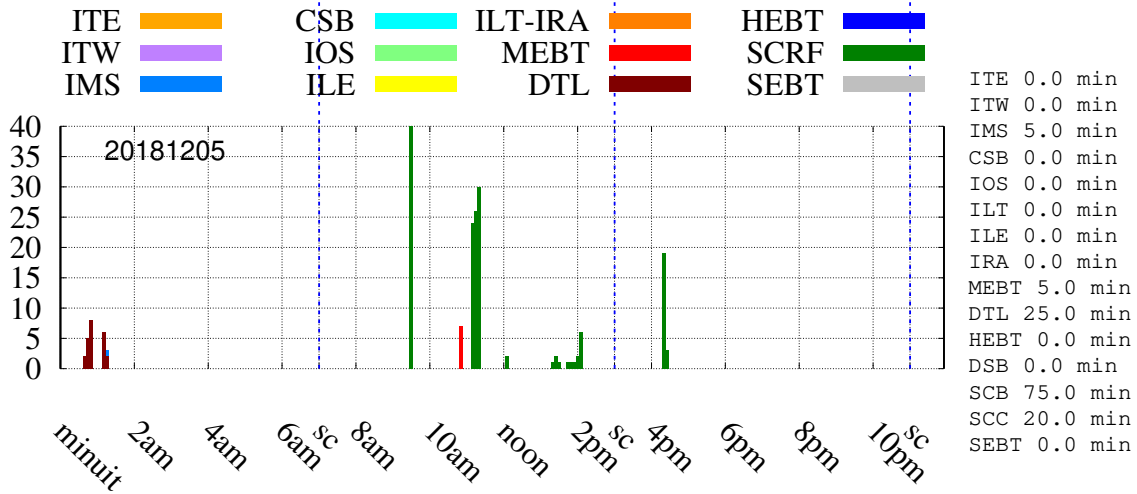
Total Commands (5min Binning)



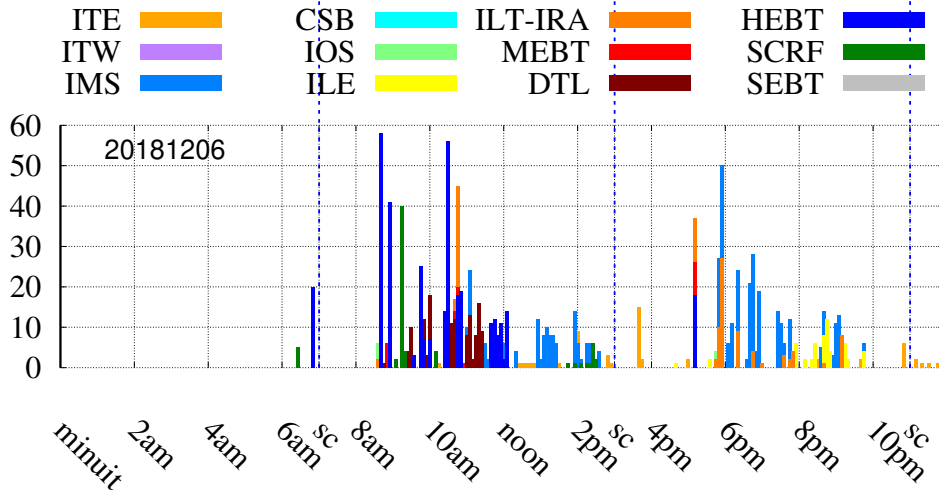
Total Commands (5min Binning)



Total Commands (5min Binning)

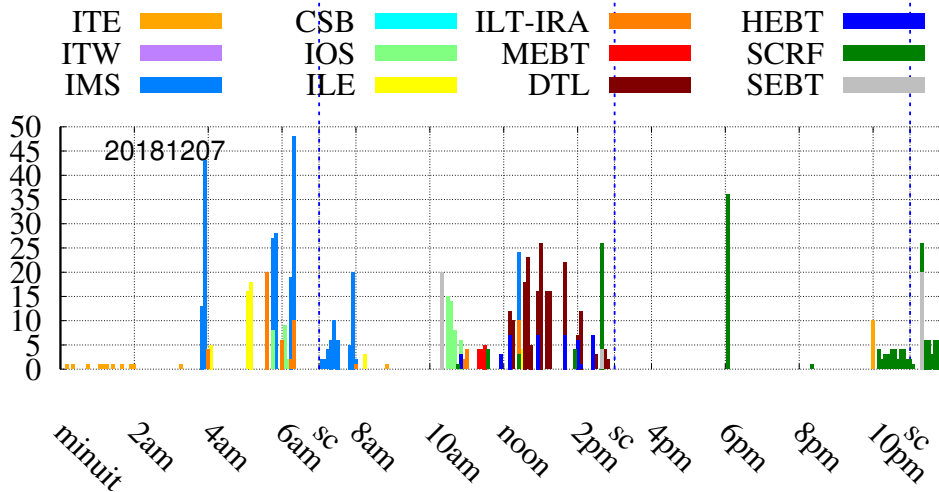


Total Commands (5min Binning)



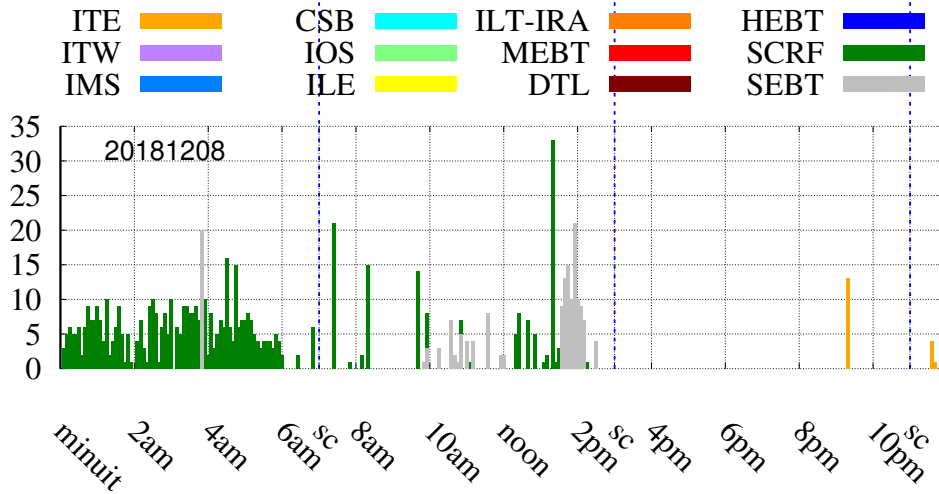
ITE	215.0 min
ITW	30.0 min
IMS	250.0 min
CSB	0.0 min
IOS	45.0 min
ILT-IRA	90.0 min
ILE	80.0 min
IRA	30.0 min
MEBT	70.0 min
DTL	125.0 min
HEBT	90.0 min
DSB	0.0 min
SCB	60.0 min
SCC	5.0 min
SEBT	0.0 min

Total Commands (5min Binning)



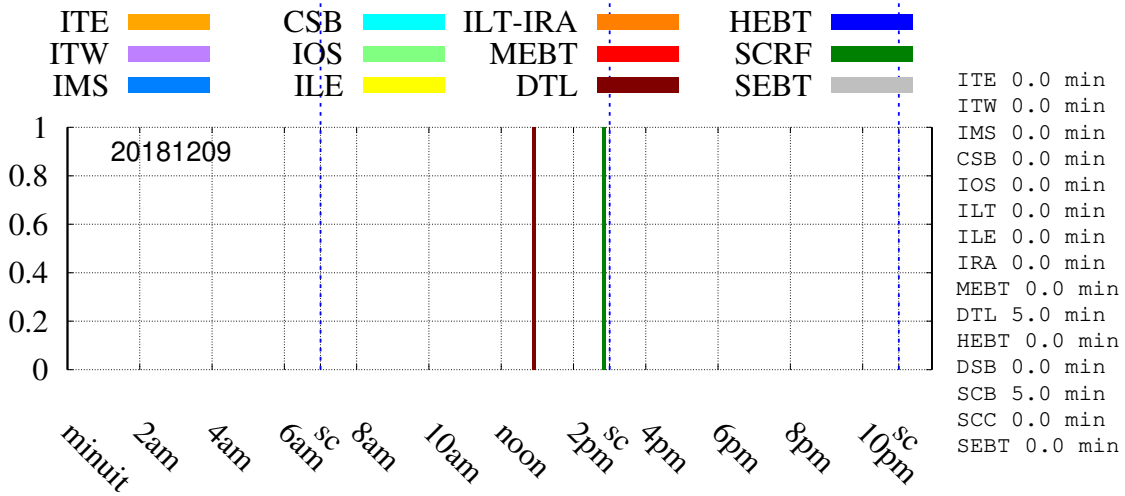
ITE	65.0 min
ITW	20.0 min
IMS	100.0 min
CSB	0.0 min
IOS	60.0 min
ILT-IRA	50.0 min
ILE	50.0 min
IRA	20.0 min
MEBT	50.0 min
DTL	100.0 min
HEBT	55.0 min
DSB	25.0 min
SCB	115.0 min
SCC	20.0 min
SEBT	15.0 min

Total Commands (5min Binning)

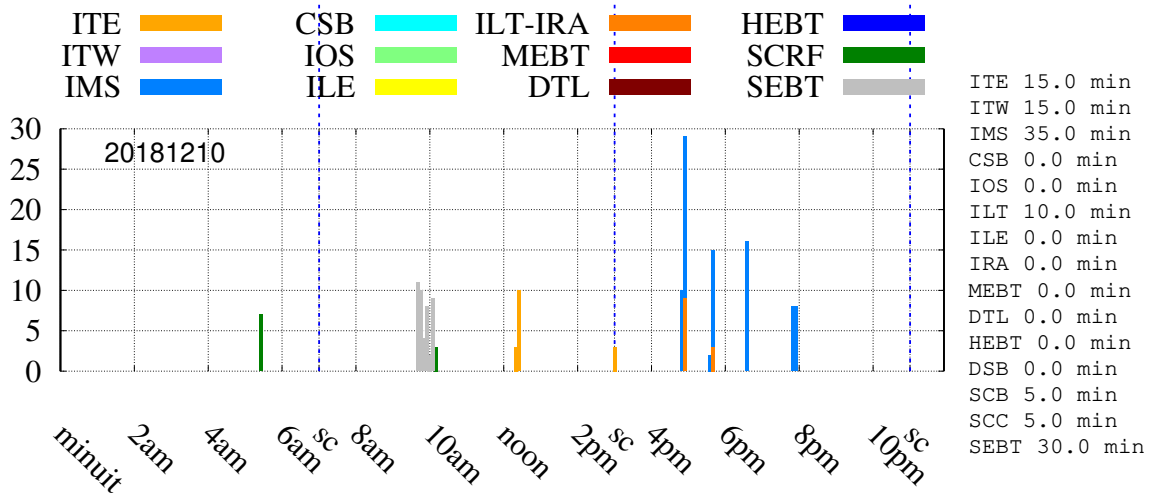


ITE	15.0 min
ITW	0.0 min
IMS	0.0 min
CSB	0.0 min
IOS	0.0 min
ILT-IRA	0.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	10.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	335.0 min
SCC	165.0 min
SEBT	110.0 min

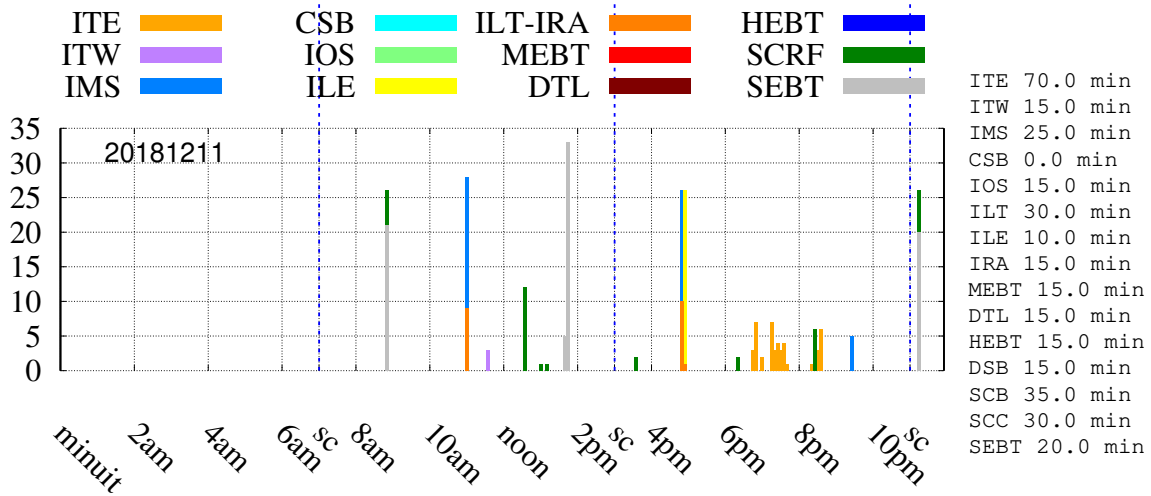
Total Commands (5min Binning)



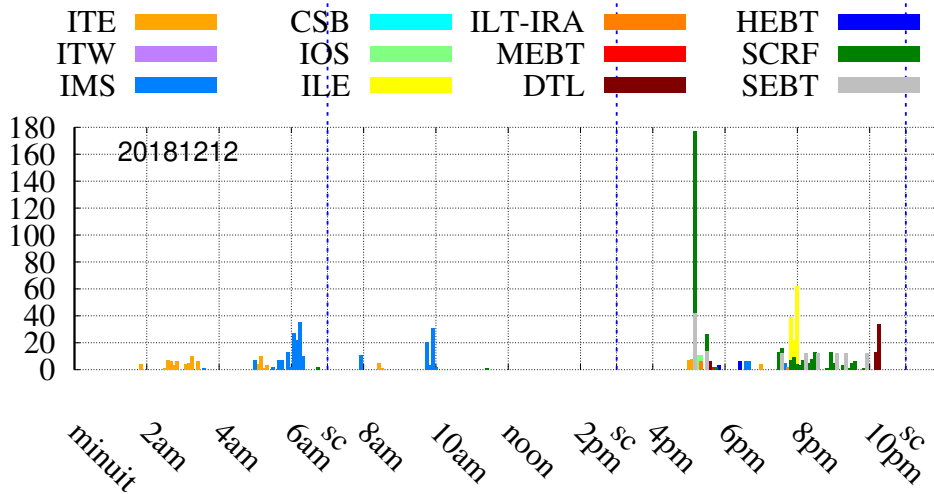
Total Commands (5min Binning)



Total Commands (5min Binning)

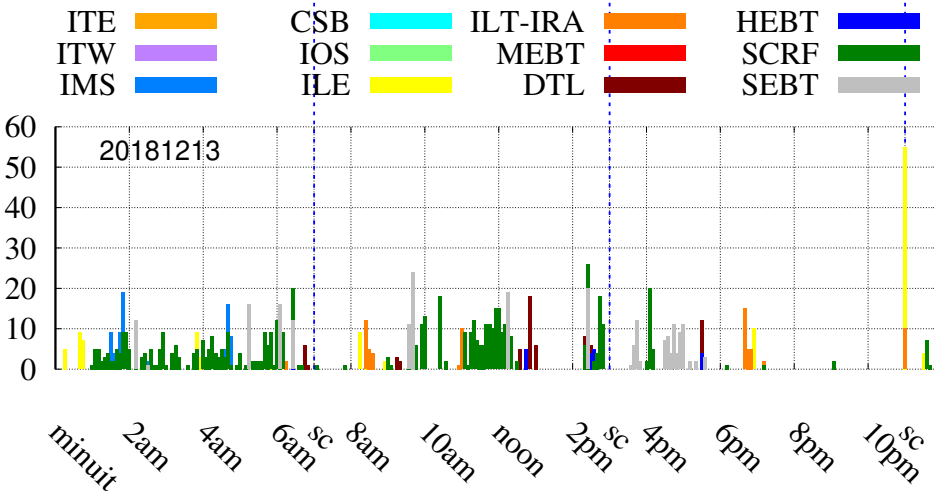


Total Commands (5min Binning)



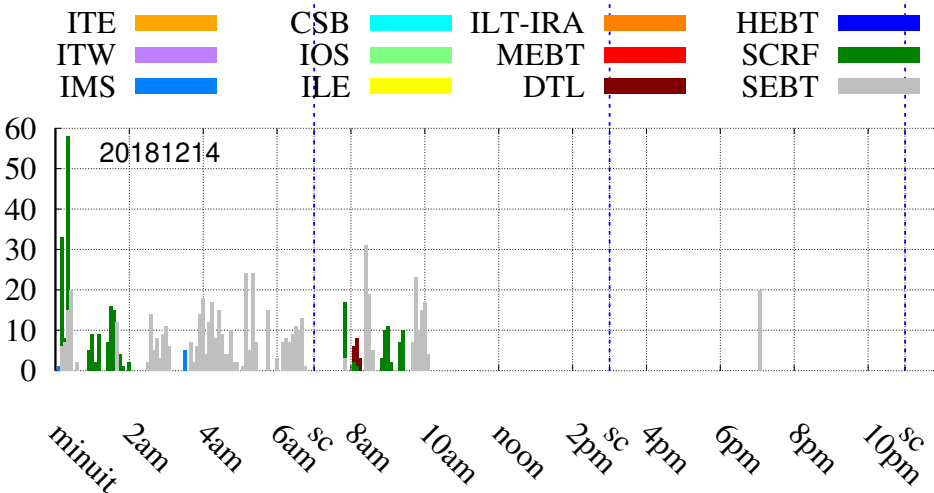
ITE 110.0 min
 ITW 0.0 min
 IMS 110.0 min
 CSB 0.0 min
 IOS 25.0 min
 ILT 40.0 min
 ILE 25.0 min
 IRA 20.0 min
 MEBT 20.0 min
 DTL 30.0 min
 HEBT 20.0 min
 DSB 10.0 min
 SCB 140.0 min
 SCC 45.0 min
 SEBT 40.0 min

Total Commands (5min Binning)

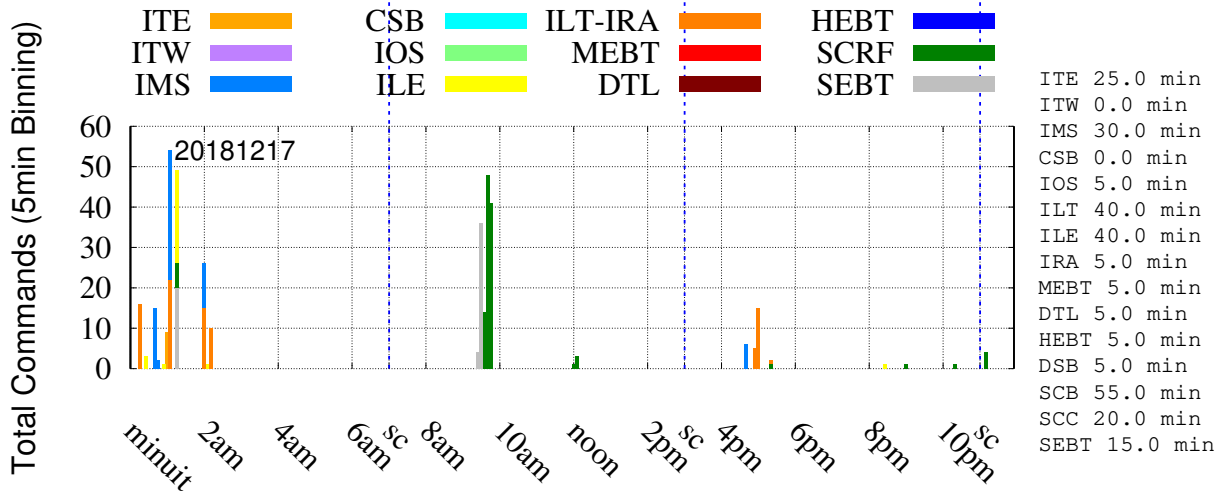
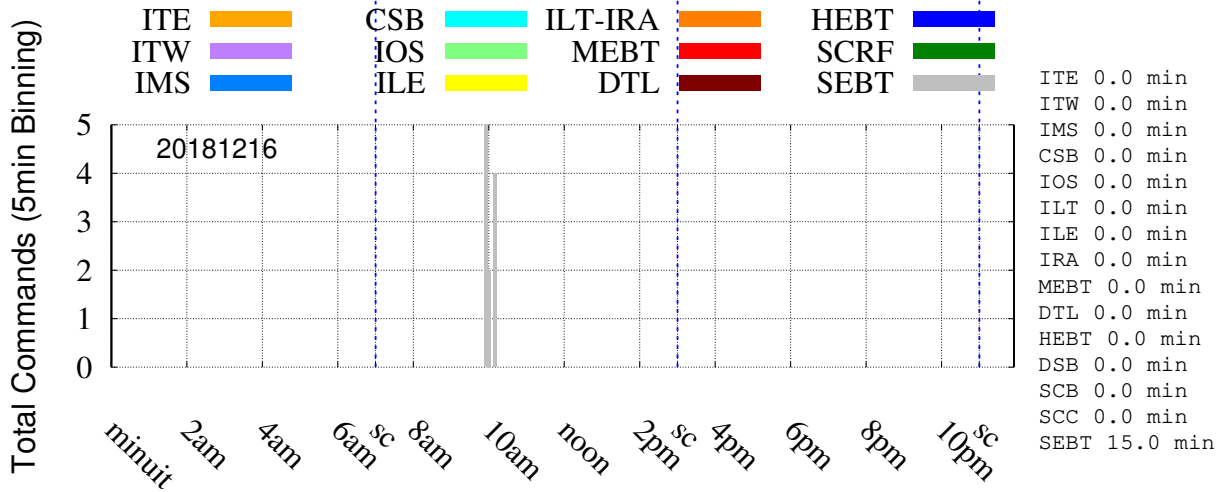
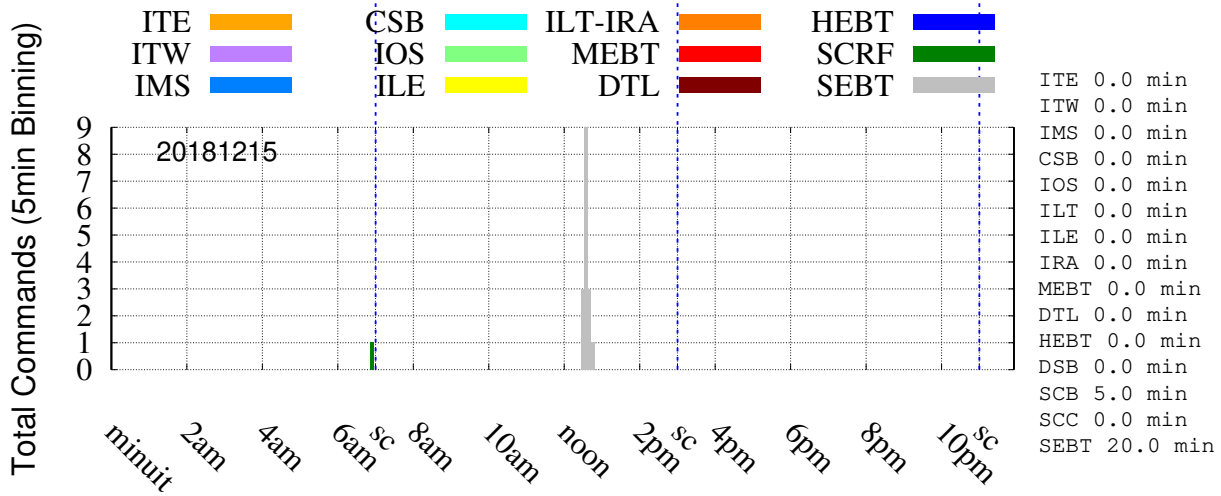


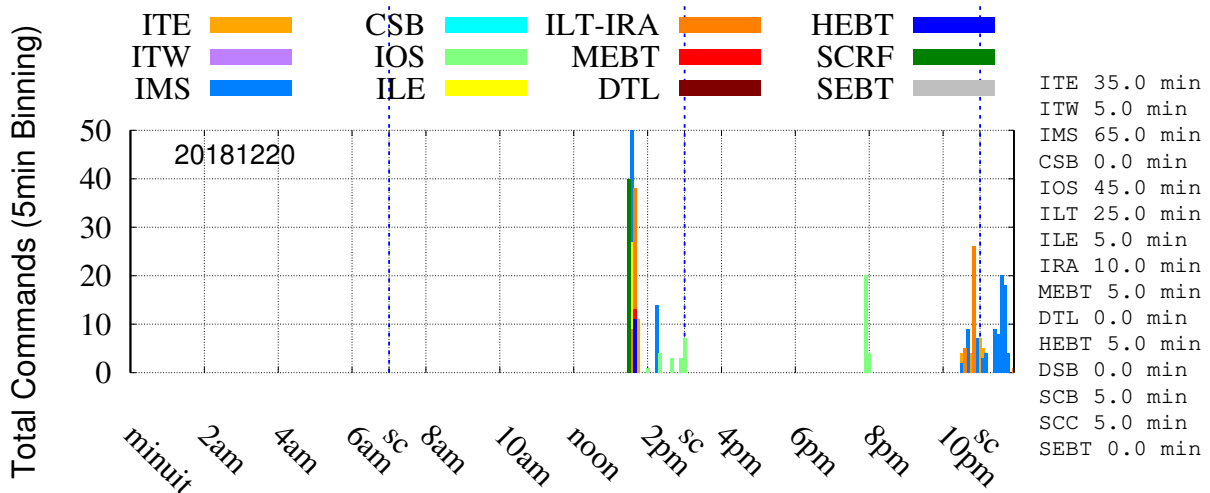
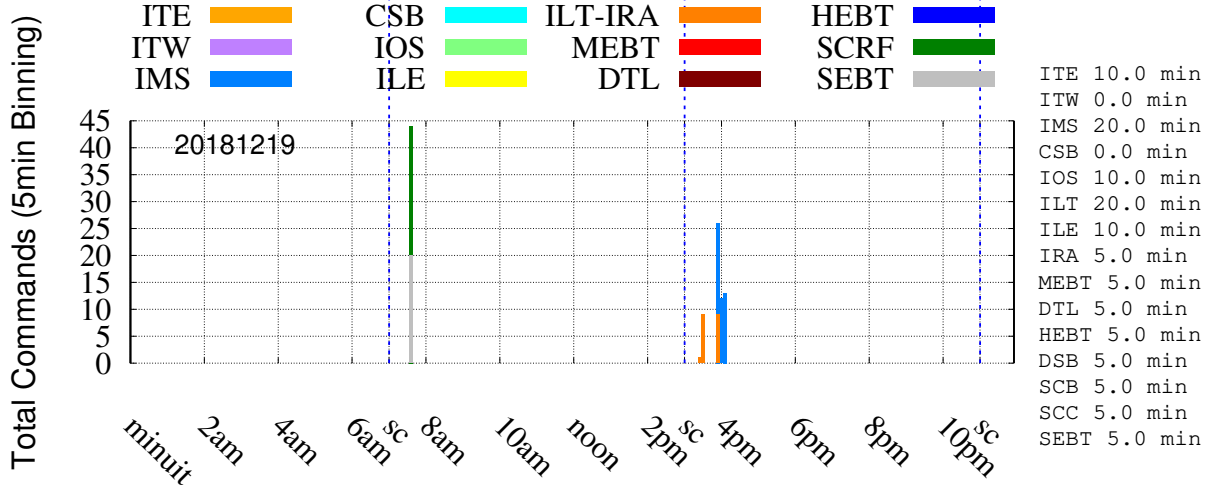
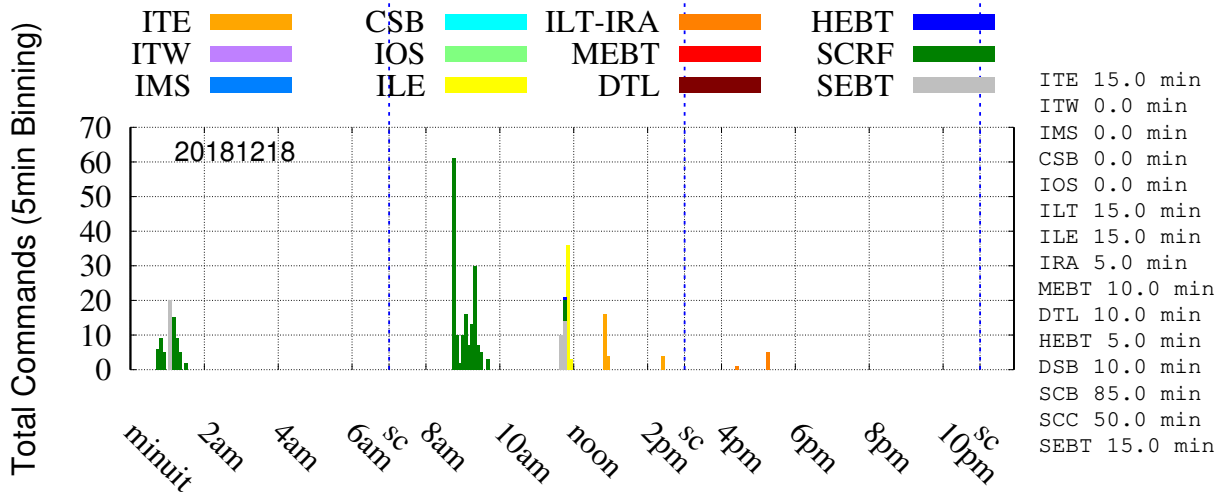
ITE 5.0 min
 ITW 0.0 min
 IMS 45.0 min
 CSB 0.0 min
 IOS 5.0 min
 ILT 70.0 min
 ILE 80.0 min
 IRA 5.0 min
 MEBT 5.0 min
 DTL 55.0 min
 HEBT 35.0 min
 DSB 25.0 min
 SCB 340.0 min
 SCC 195.0 min
 SEBT 115.0 min

Total Commands (5min Binning)

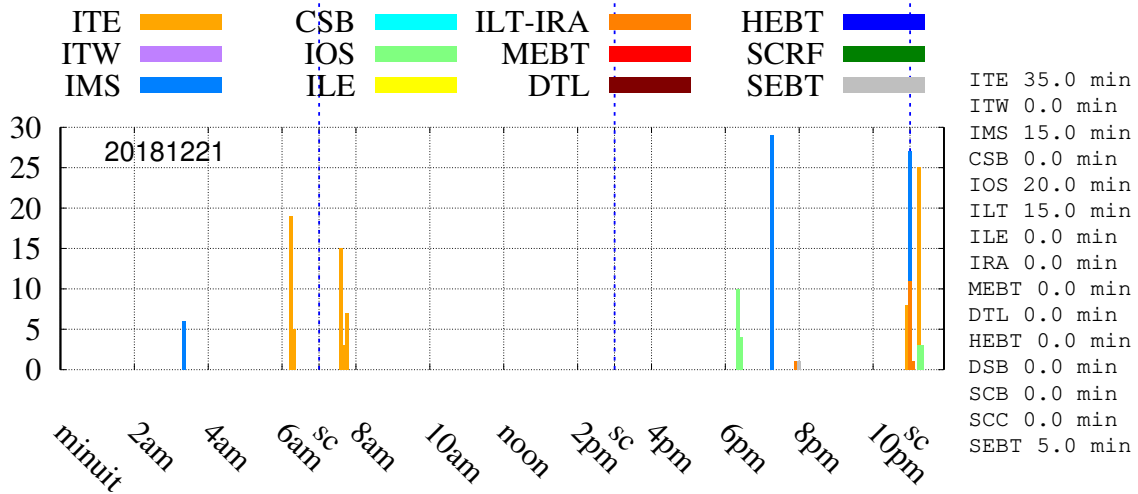


ITE 0.0 min
 ITW 0.0 min
 IMS 10.0 min
 CSB 0.0 min
 IOS 0.0 min
 ILT 0.0 min
 ILE 0.0 min
 IRA 0.0 min
 MEBT 0.0 min
 DTL 15.0 min
 HEBT 0.0 min
 DSB 0.0 min
 SCB 120.0 min
 SCC 30.0 min
 SEBT 280.0 min

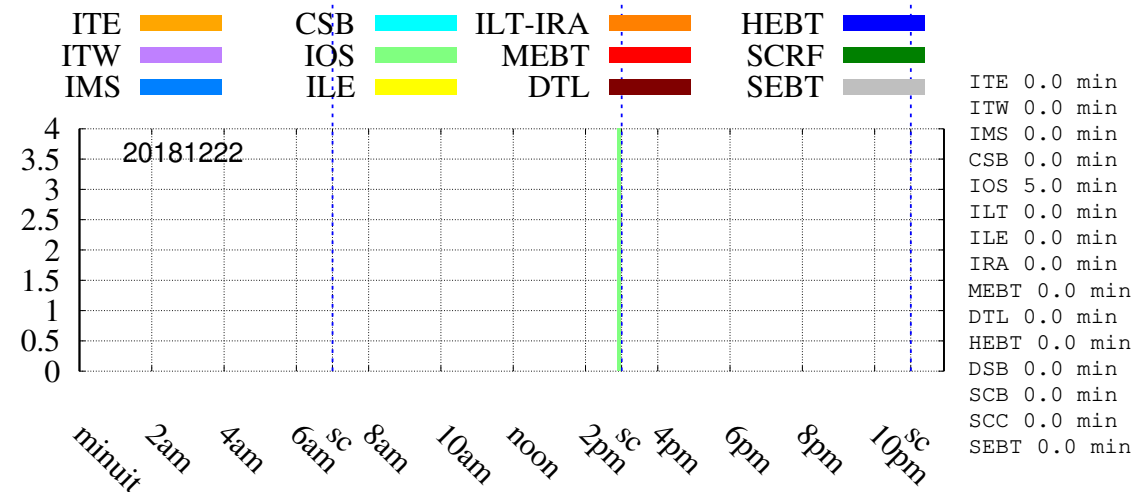




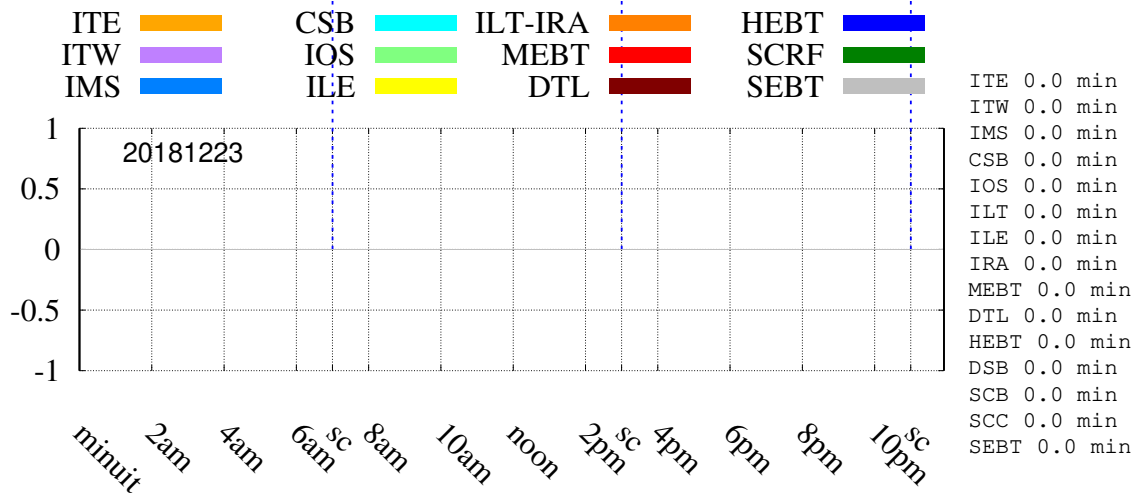
Total Commands (5min Binning)



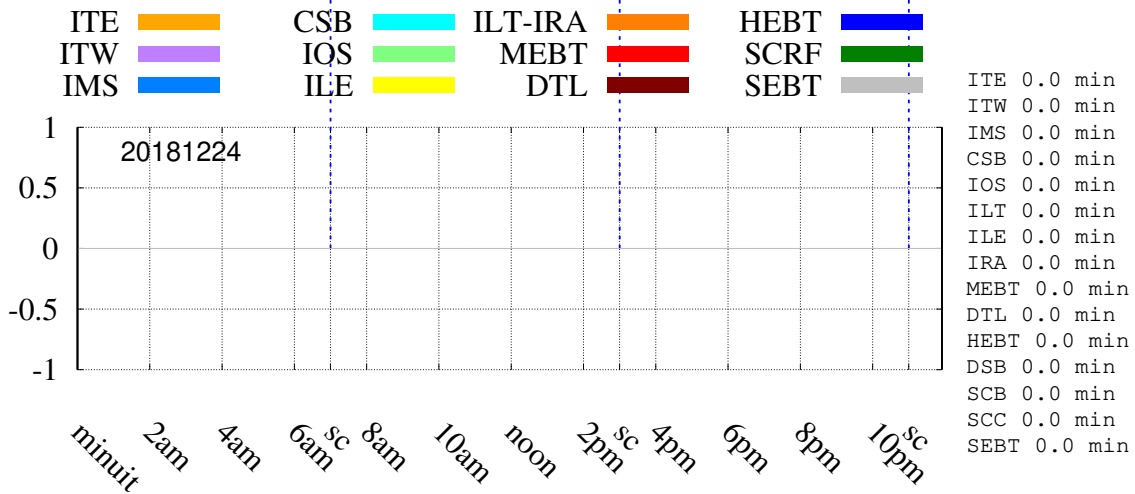
Total Commands (5min Binning)



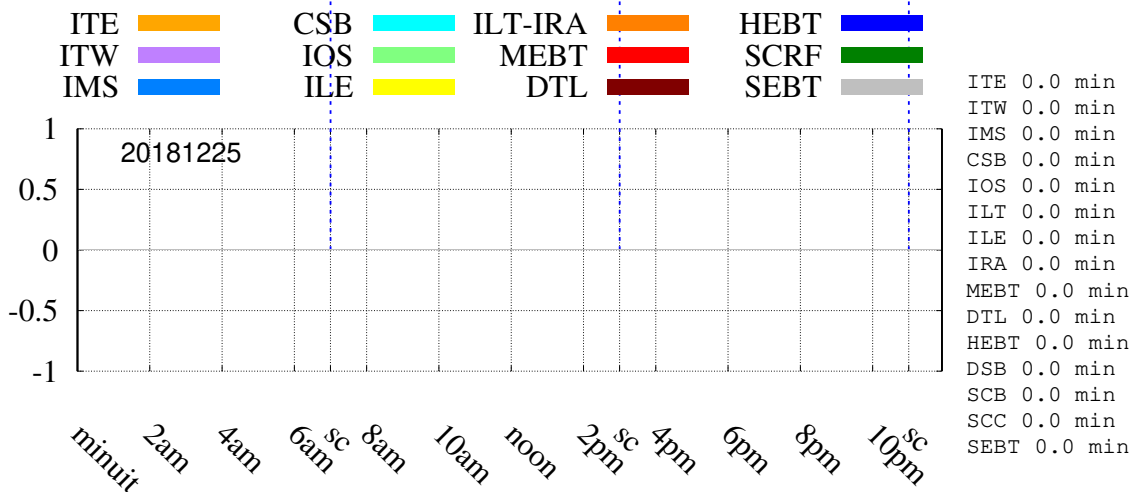
Total Commands (5min Binning)



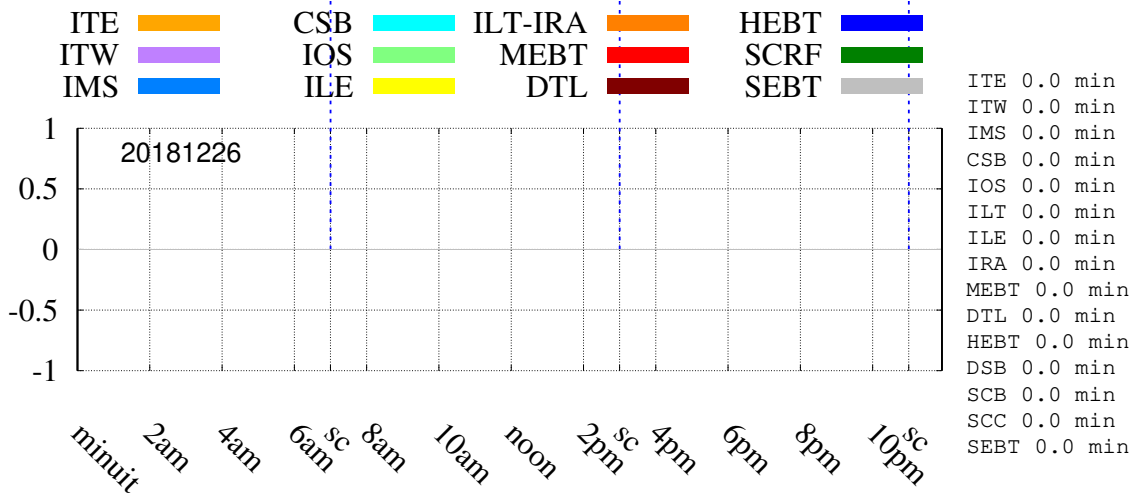
Total Commands (5min Binning)



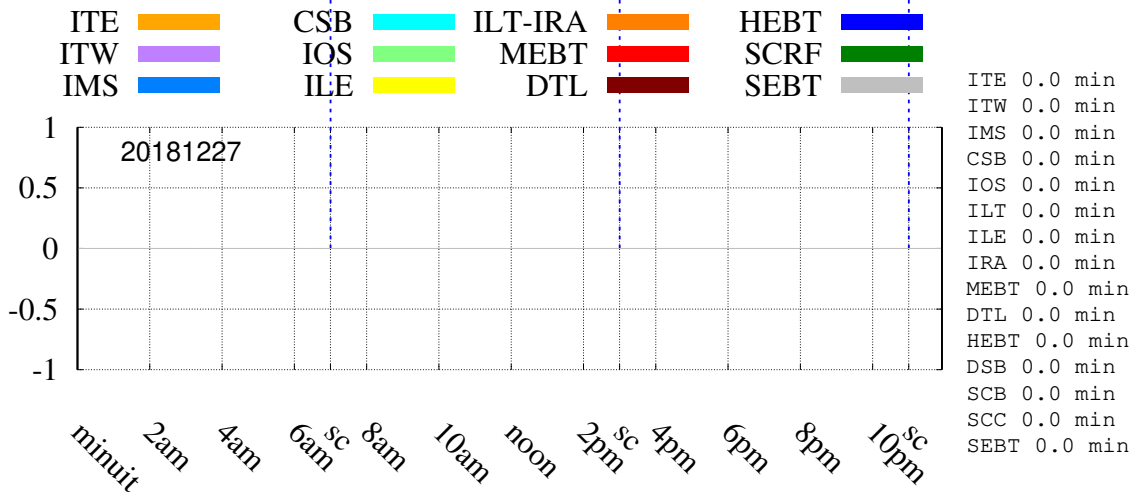
Total Commands (5min Binning)



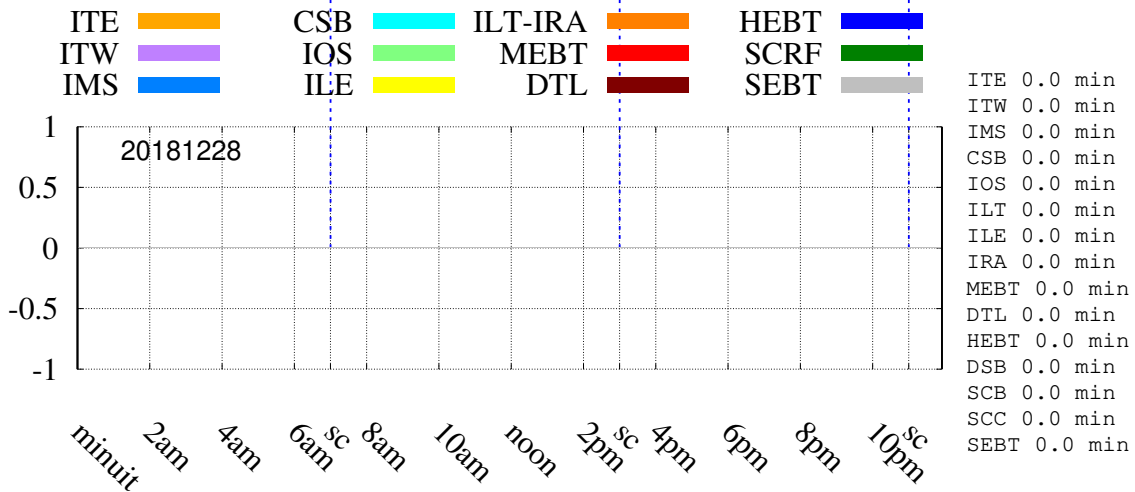
Total Commands (5min Binning)



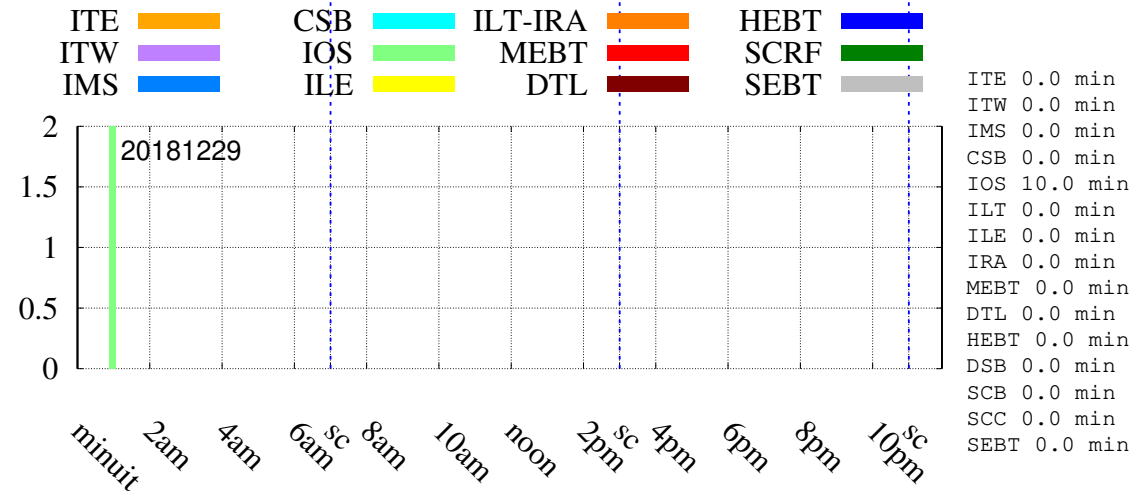
Total Commands (5min Binning)



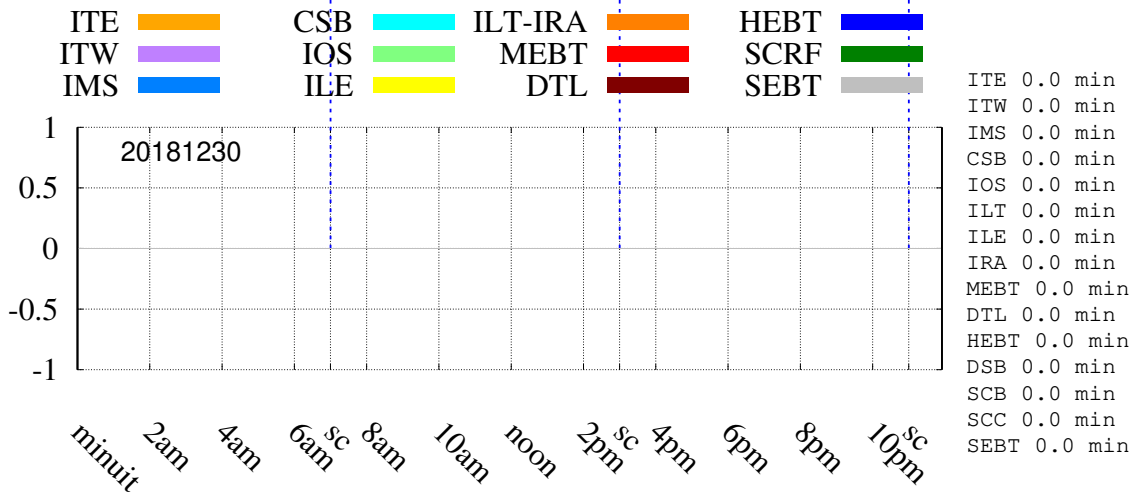
Total Commands (5min Binning)



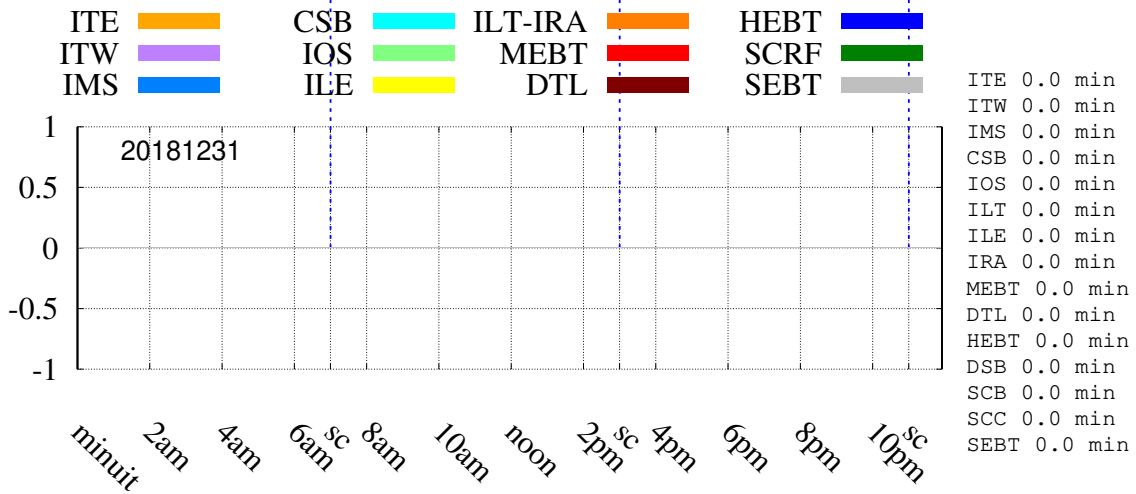
Total Commands (5min Binning)



Total Commands (5min Binning)



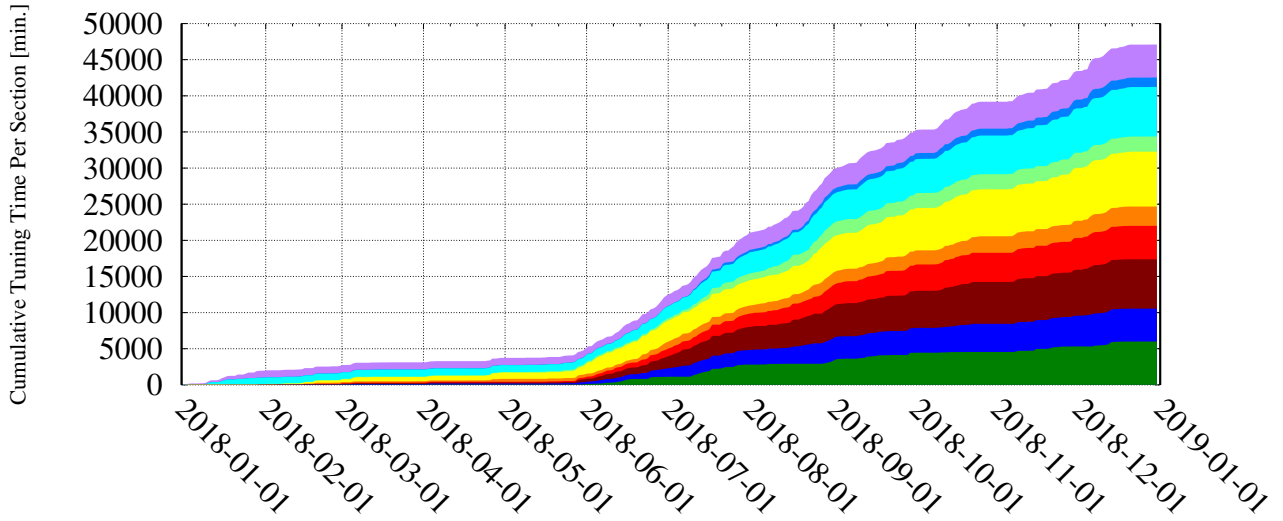
Total Commands (5min Binning)



END DAILY TOTALS



Cumulative Tuning Time (sum of nonzero bin count)



Total Daily Tuning Commands

