



Beam Physics Group

**Internal**

Tuning Activity Overview

April 13, 2022

## Element Command Automated Summary

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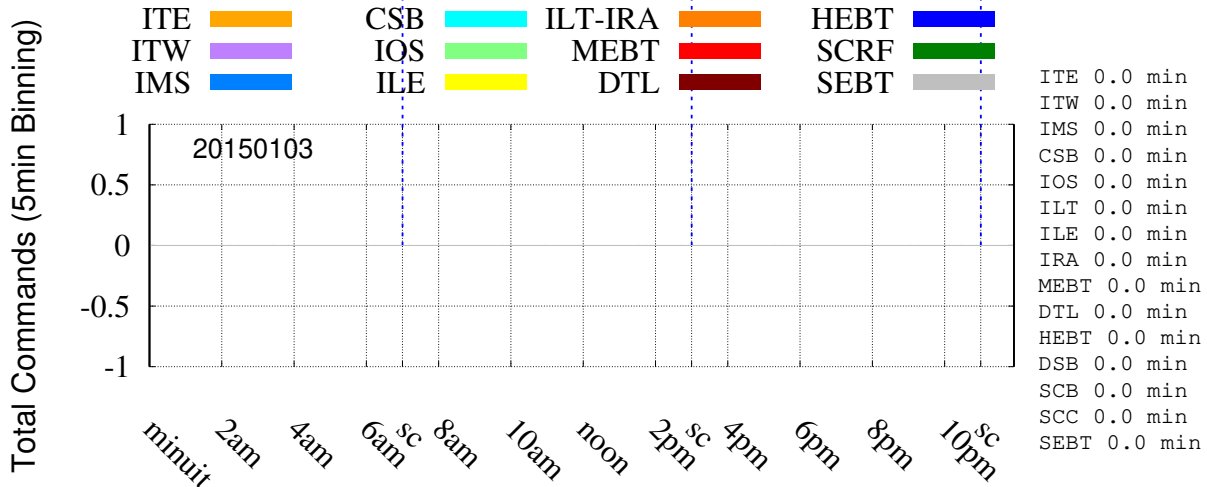
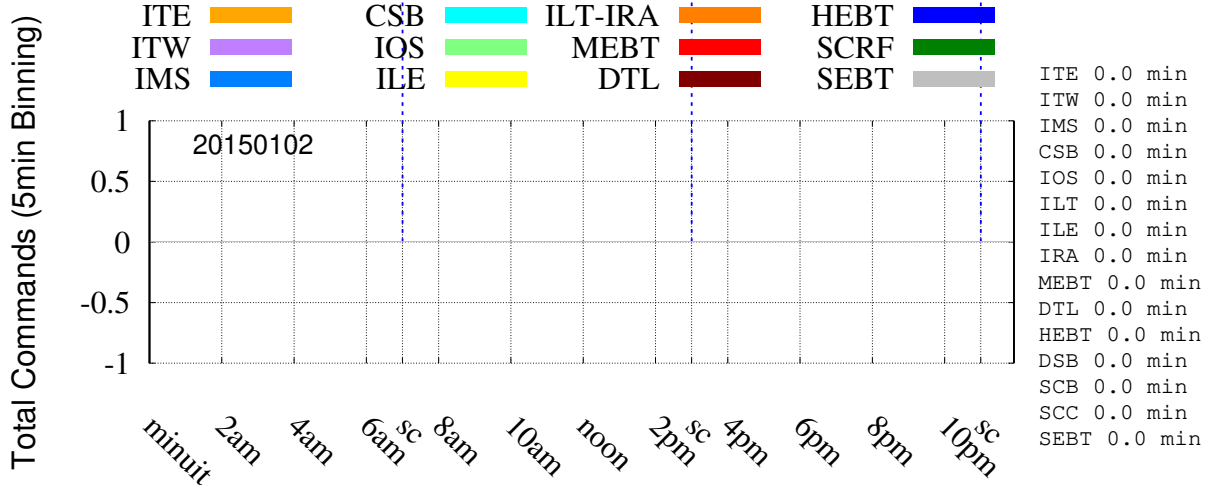
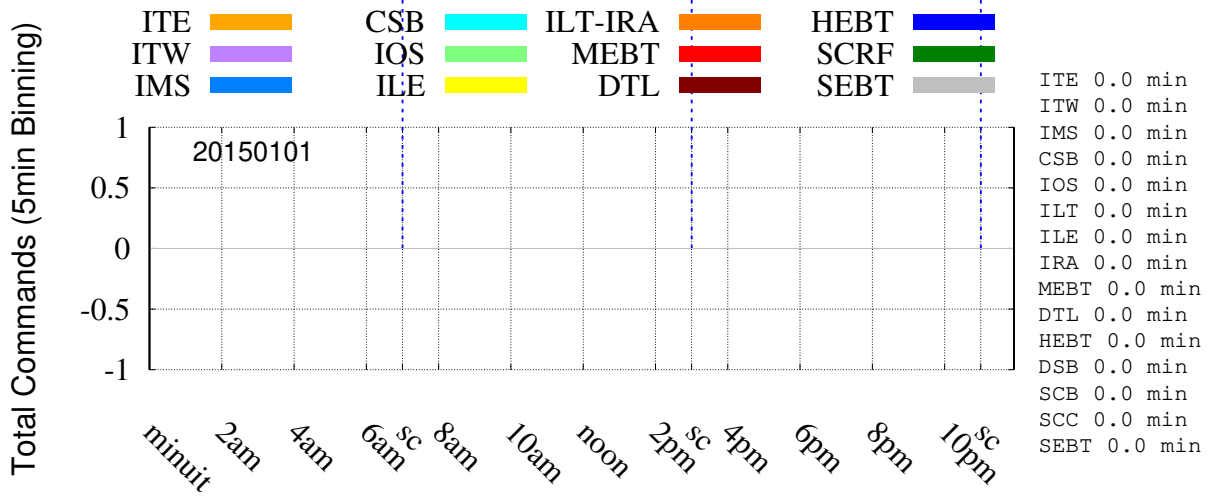
TRIUMF

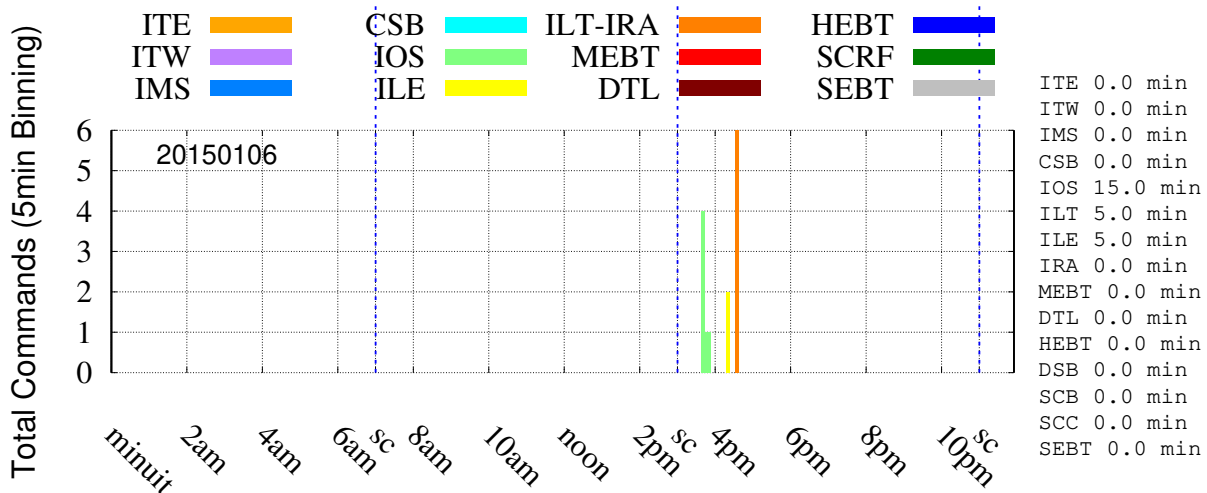
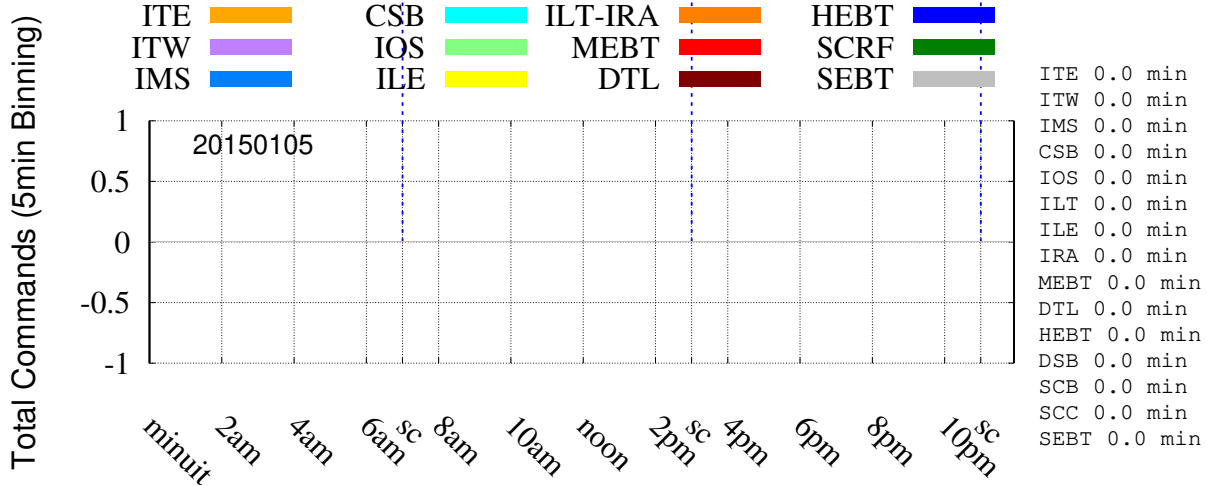
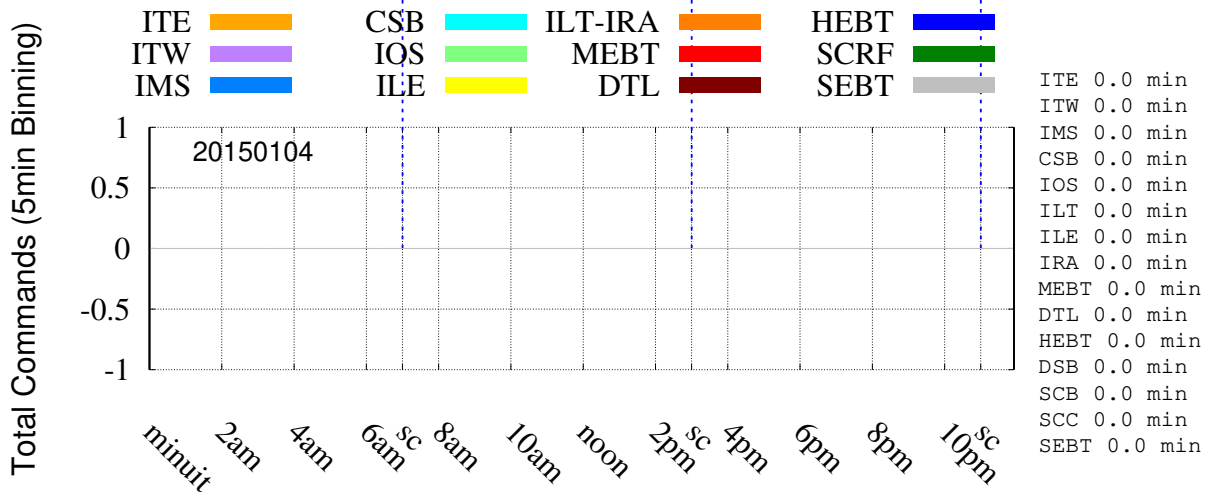
**Abstract:** This automated report displays commands that were registered on the controls network at TRIUMF-ISAC. Command counts are binned in 5.0 minute intervals over a 24 hour day. Graphs display the total number of recorded commands, color coded by sections at ISAC.

**From:** 2015-01-01,

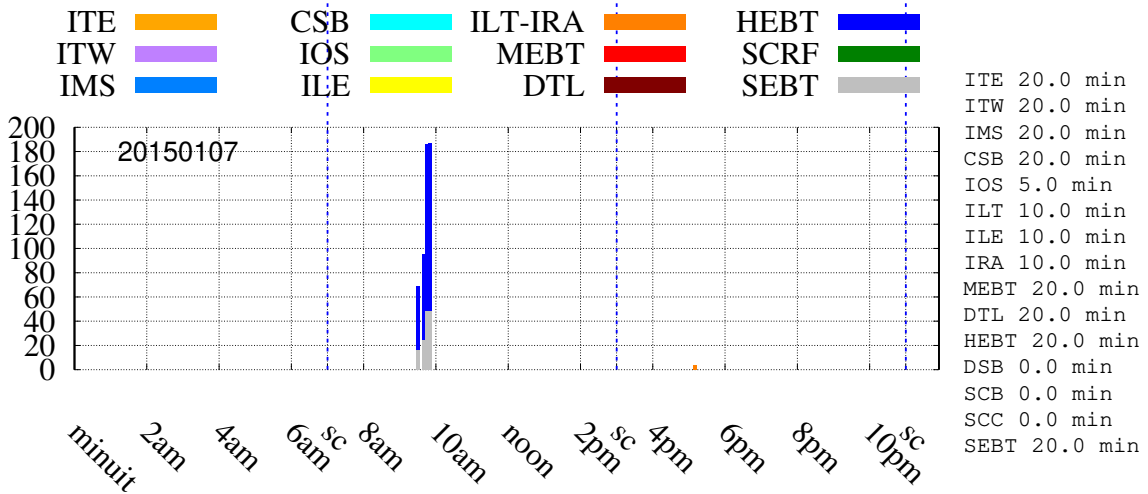
**Until:** 2015-12-31



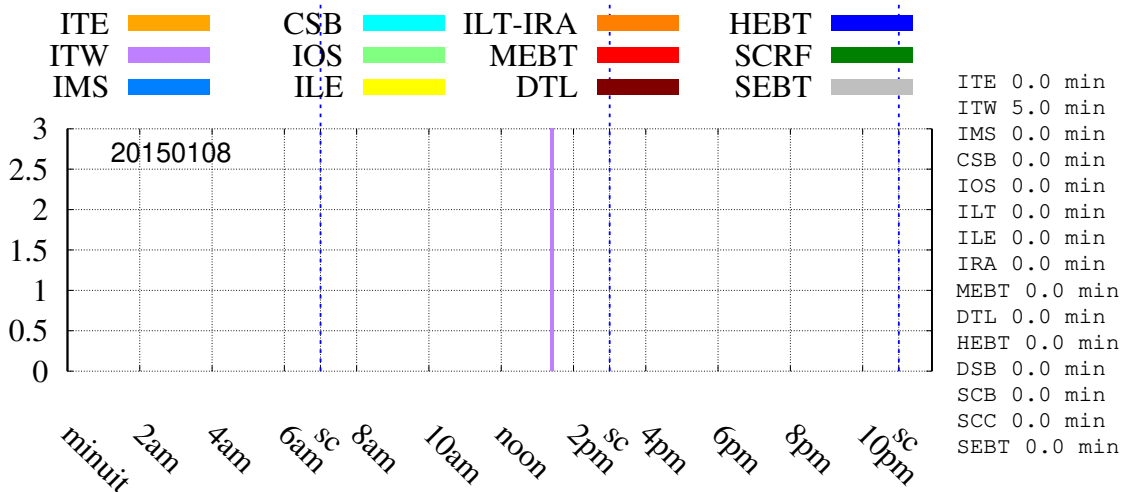




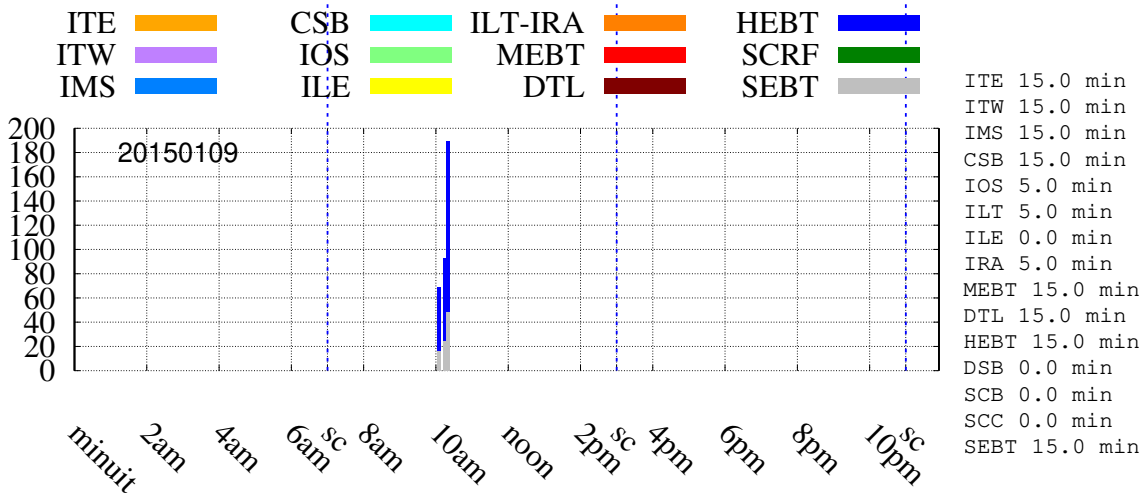
Total Commands (5min Binning)



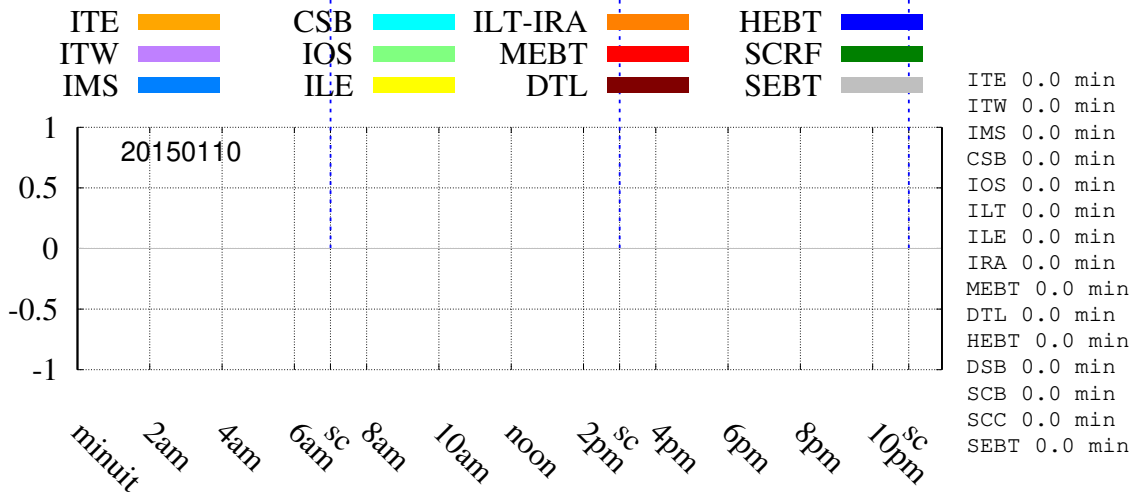
Total Commands (5min Binning)



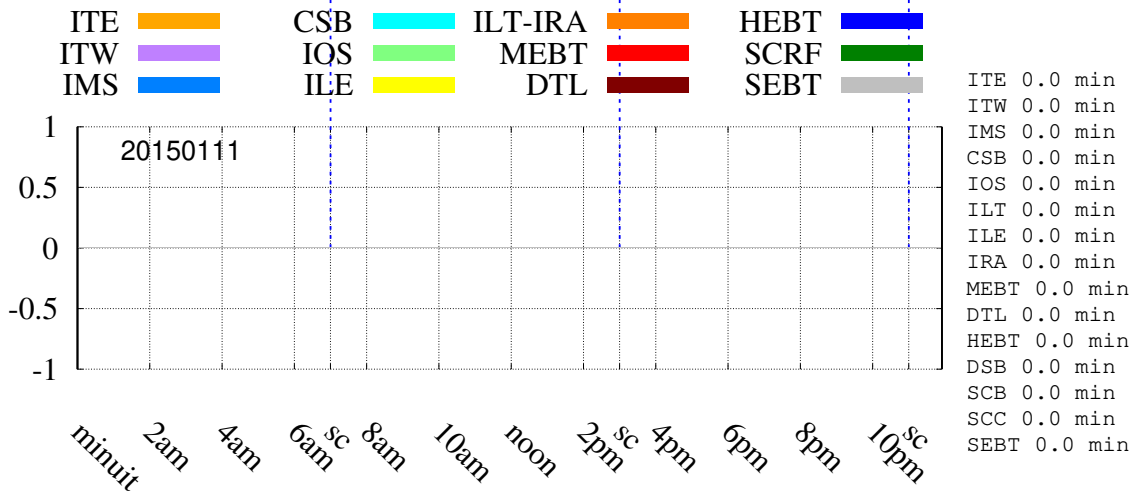
Total Commands (5min Binning)



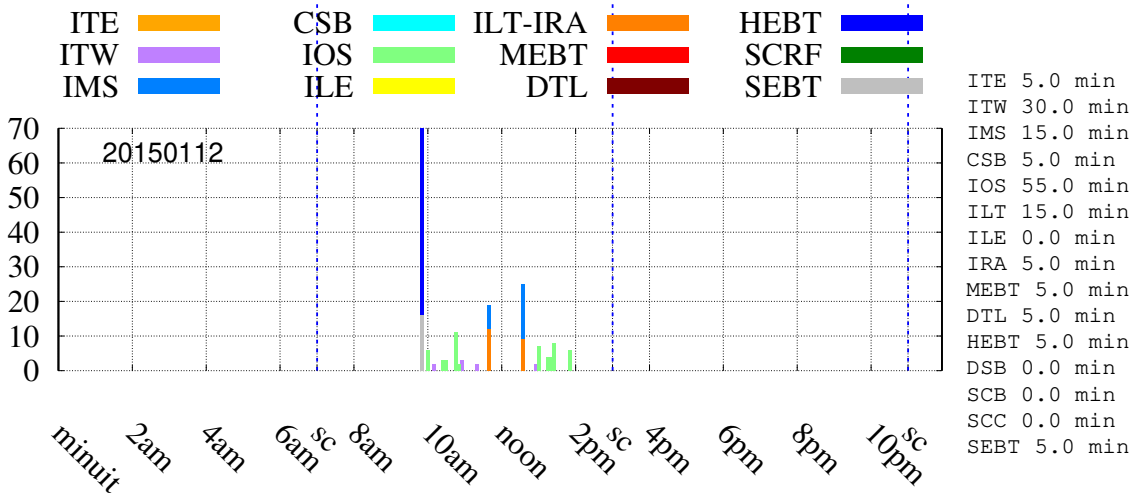
Total Commands (5min Binning)



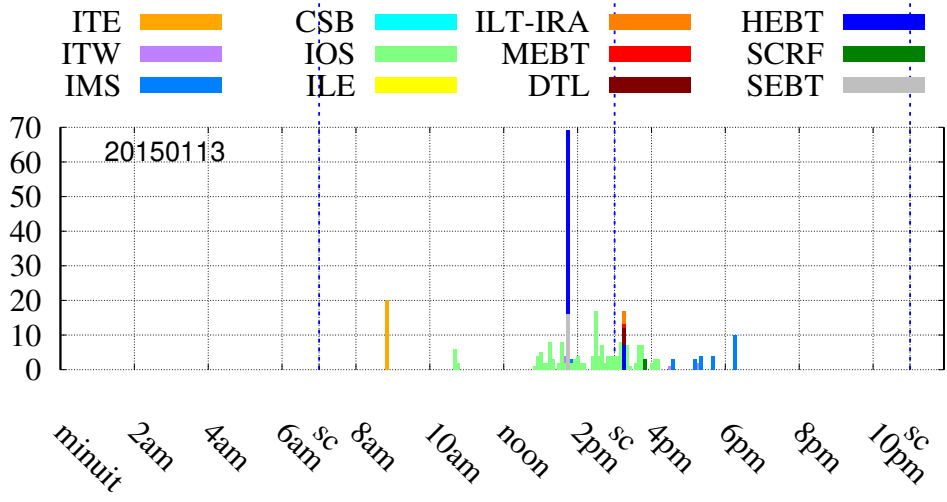
Total Commands (5min Binning)



Total Commands (5min Binning)

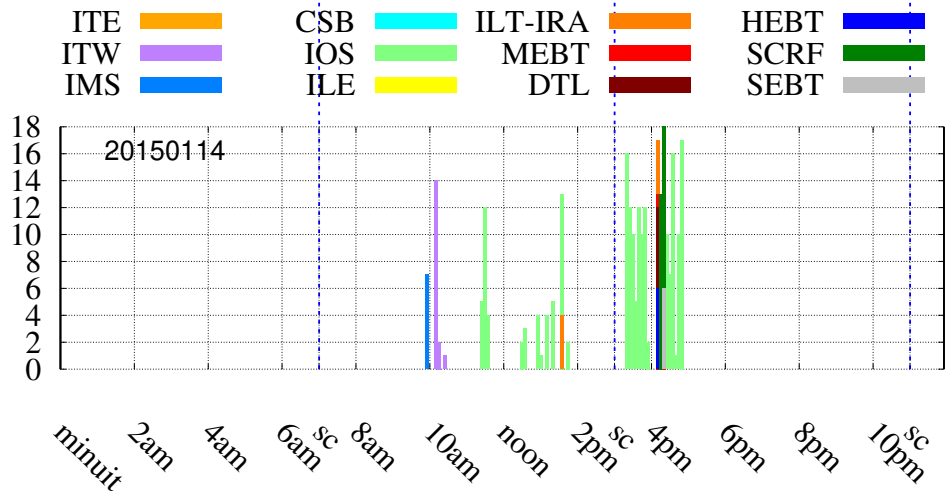


Total Commands (5min Binning)



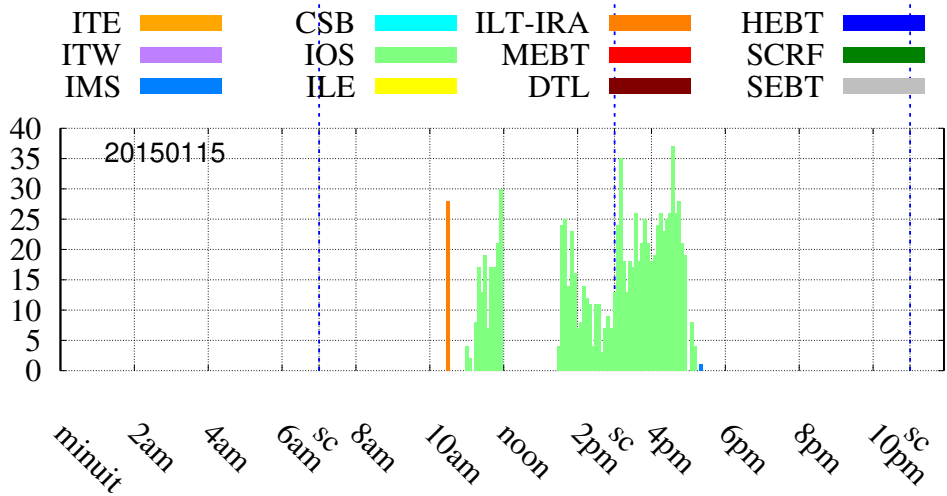
ITE	10.0 min
ITW	25.0 min
IMS	40.0 min
CSB	5.0 min
IOS	190.0 min
ILT	10.0 min
ILE	0.0 min
IRA	5.0 min
MEBT	10.0 min
DTL	10.0 min
HEBT	10.0 min
DSB	5.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	5.0 min

Total Commands (5min Binning)



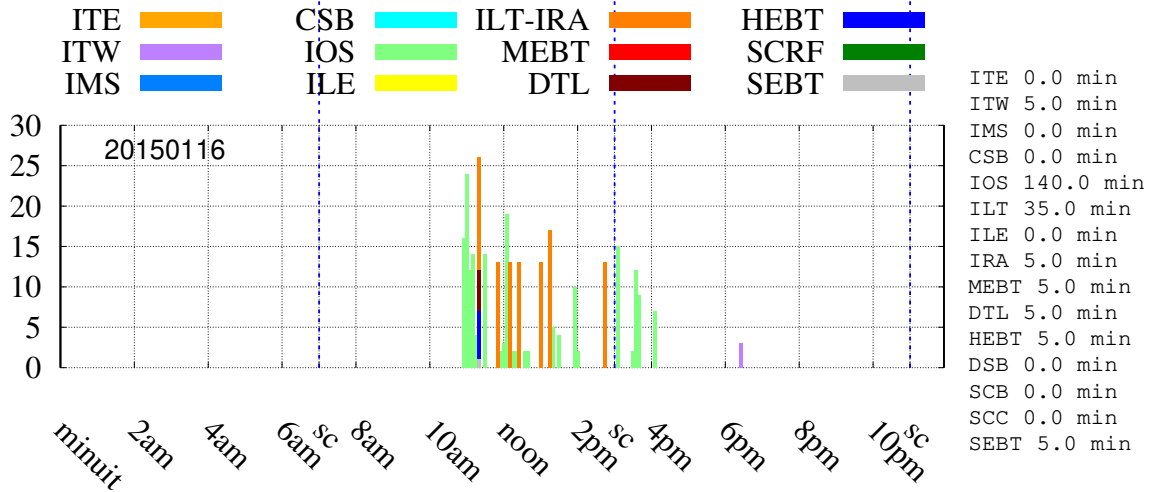
ITE	0.0 min
ITW	15.0 min
IMS	5.0 min
CSB	0.0 min
IOS	135.0 min
ILT	15.0 min
ILE	0.0 min
IRA	10.0 min
MEBT	10.0 min
DTL	10.0 min
HEBT	10.0 min
DSB	10.0 min
SCB	5.0 min
SCC	0.0 min
SEBT	5.0 min

Total Commands (5min Binning)

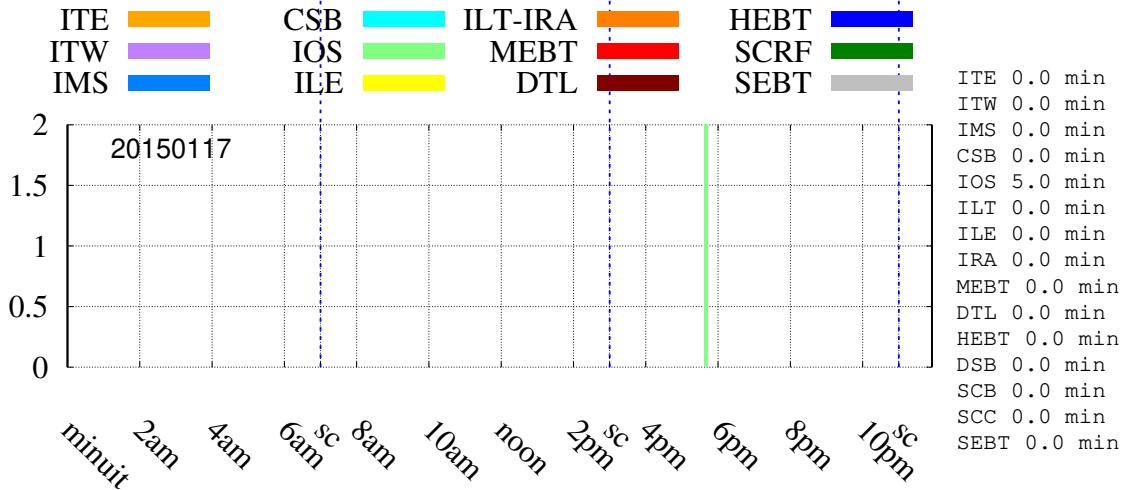


ITE	0.0 min
ITW	10.0 min
IMS	10.0 min
CSB	0.0 min
IOS	275.0 min
ILT	5.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

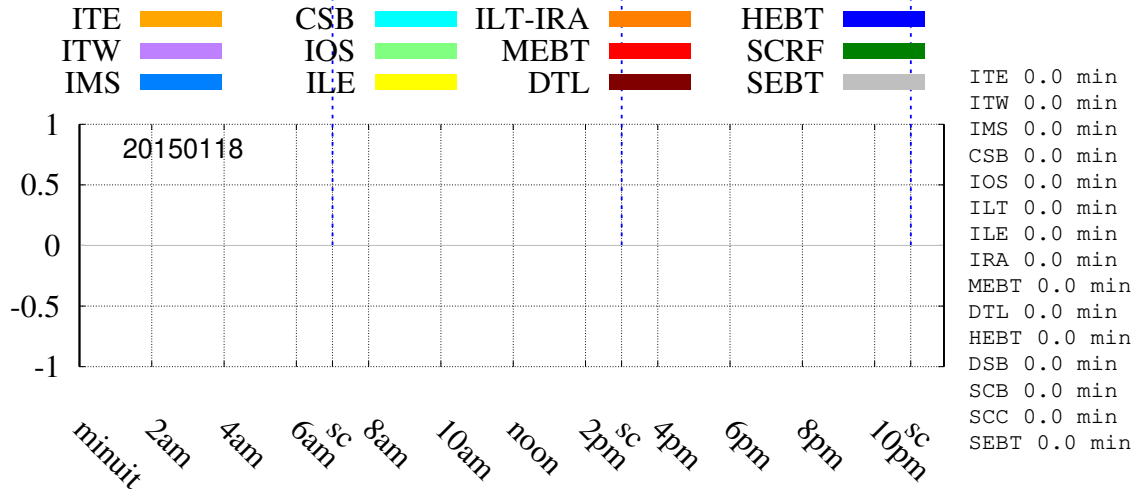
Total Commands (5min Binning)



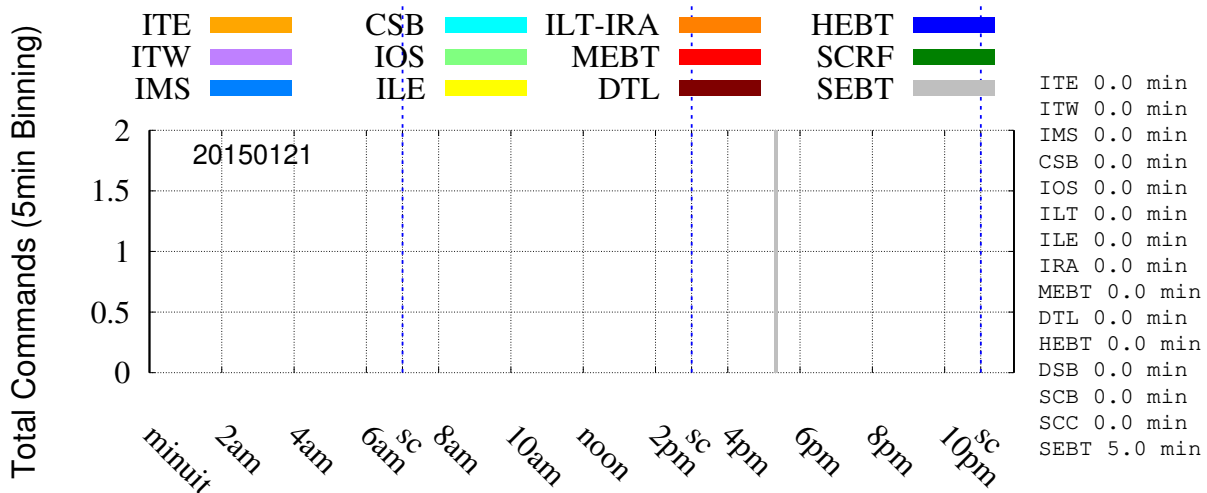
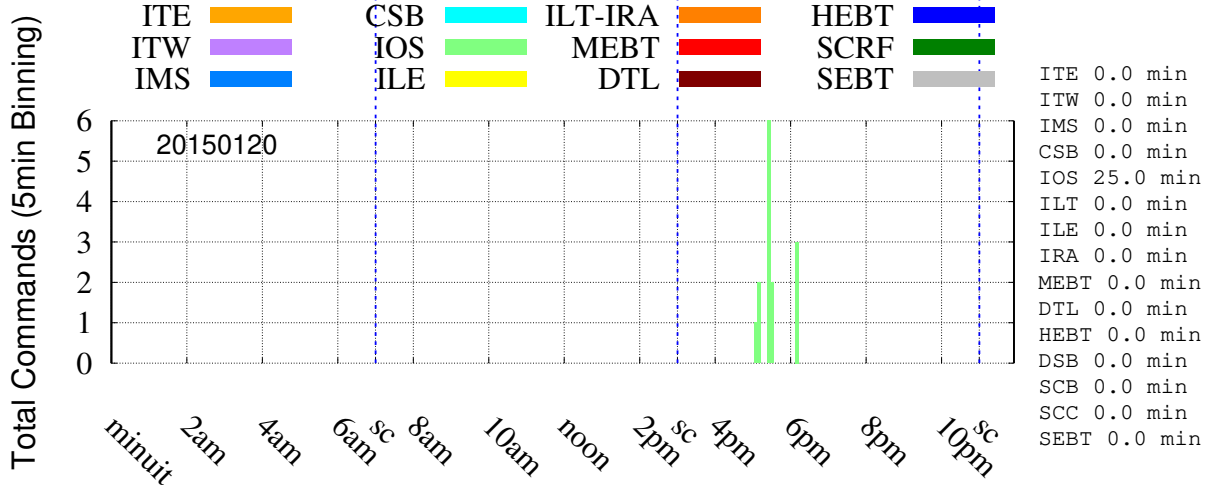
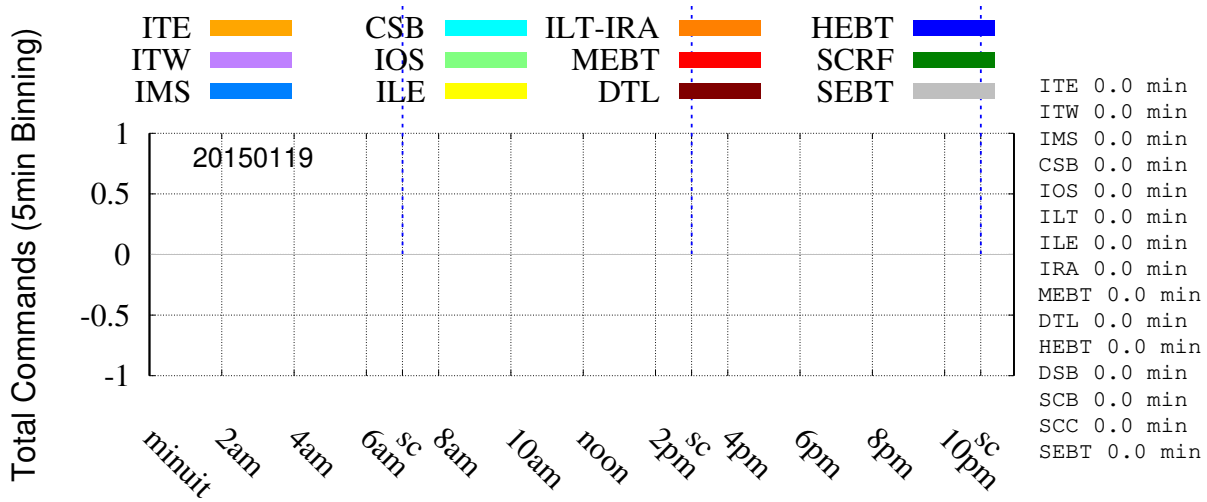
Total Commands (5min Binning)



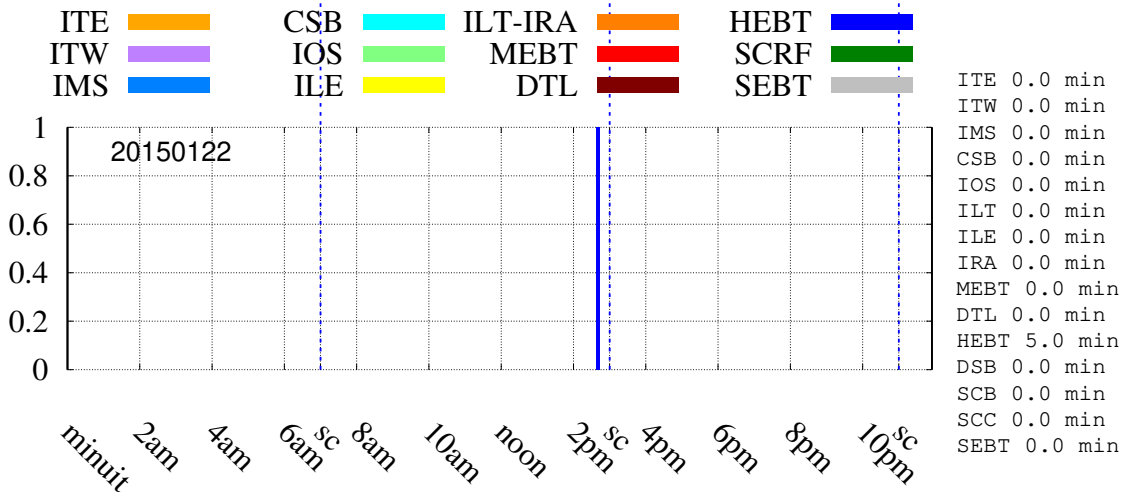
Total Commands (5min Binning)



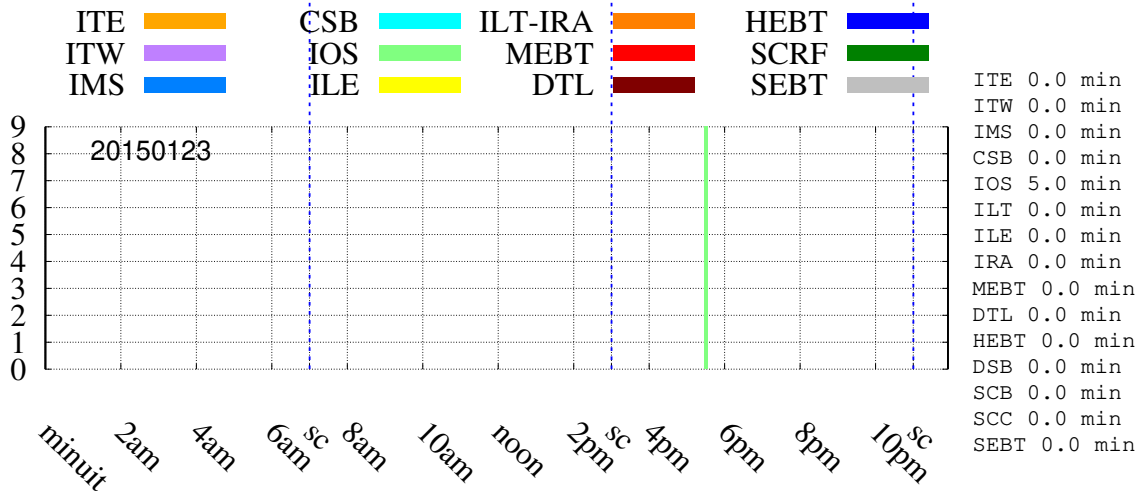




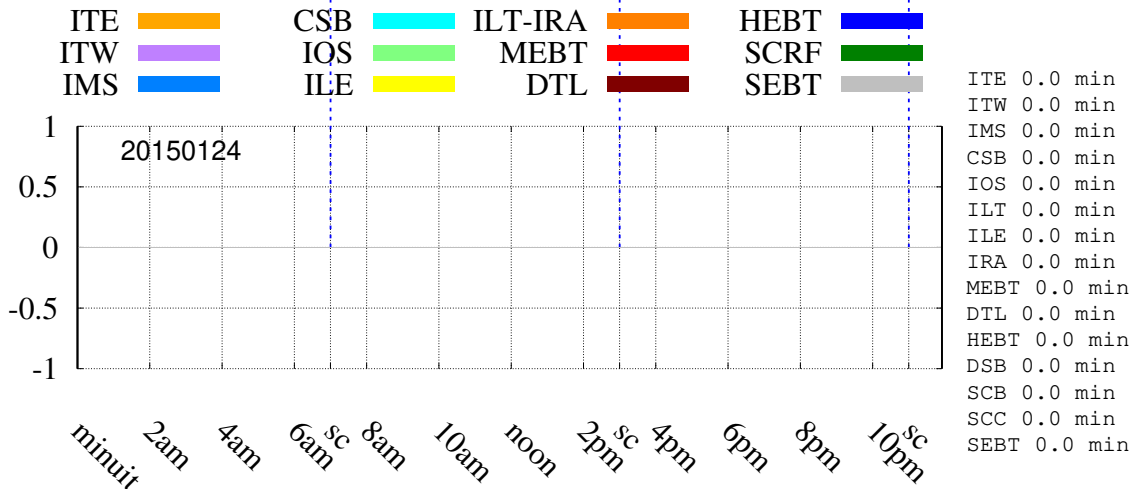
Total Commands (5min Binning)



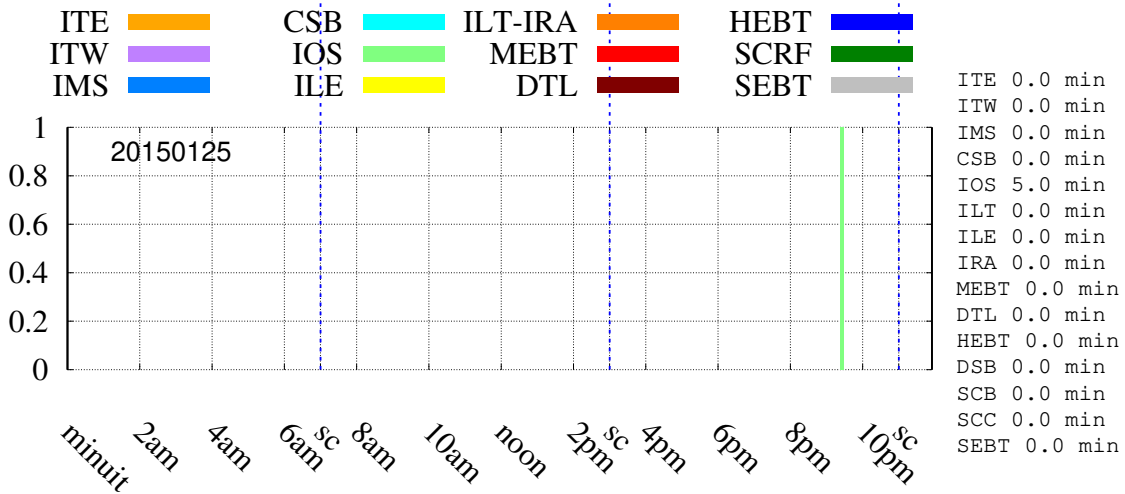
Total Commands (5min Binning)



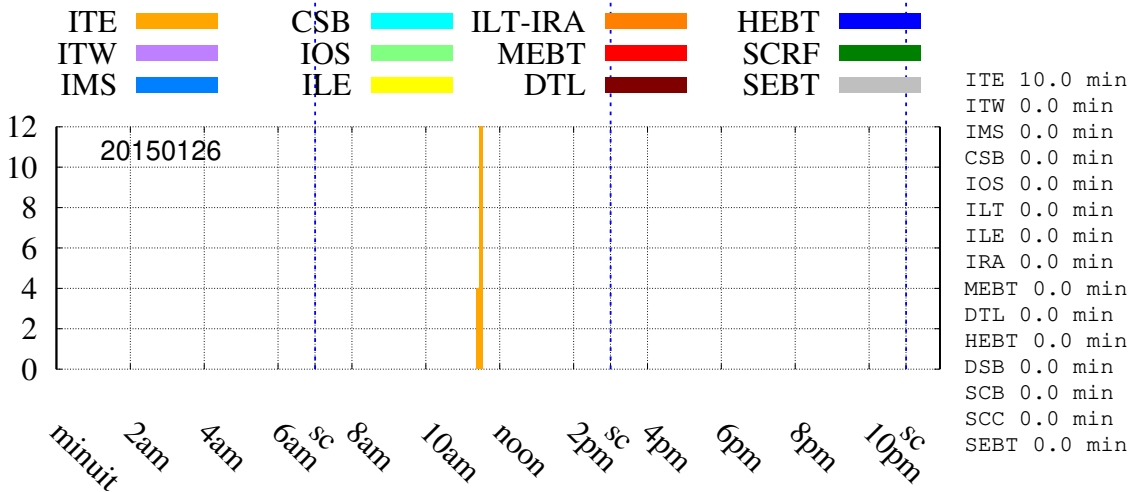
Total Commands (5min Binning)



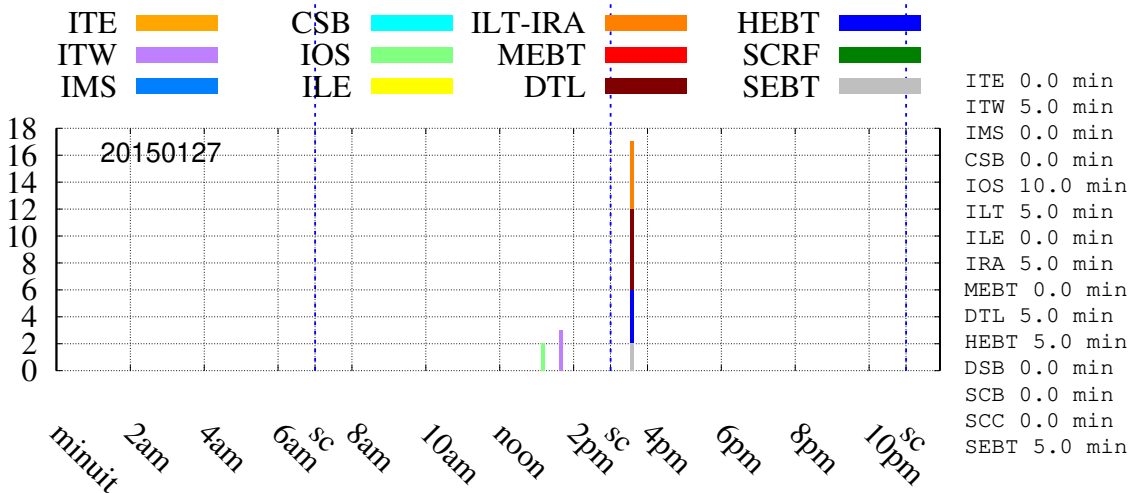
Total Commands (5min Binning)



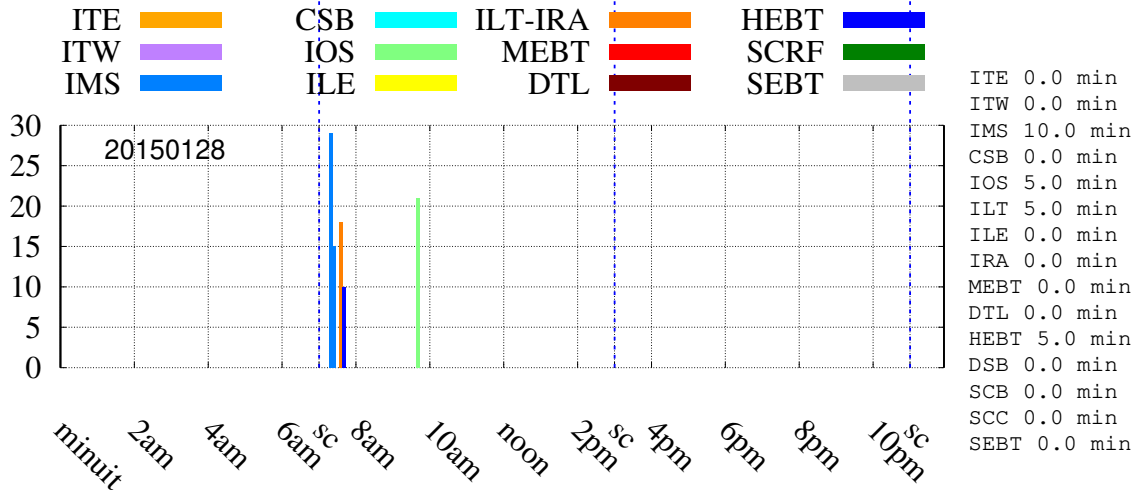
Total Commands (5min Binning)



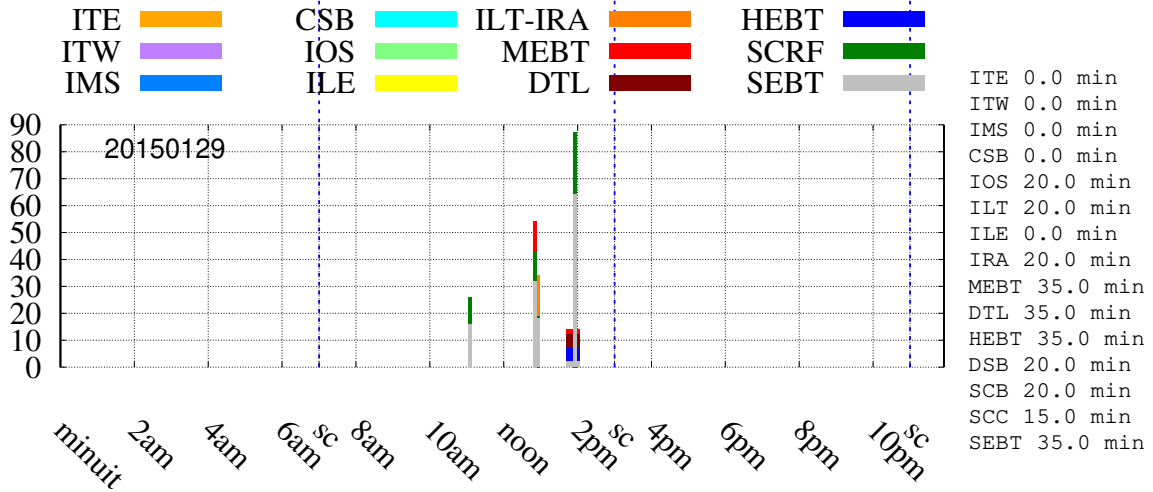
Total Commands (5min Binning)



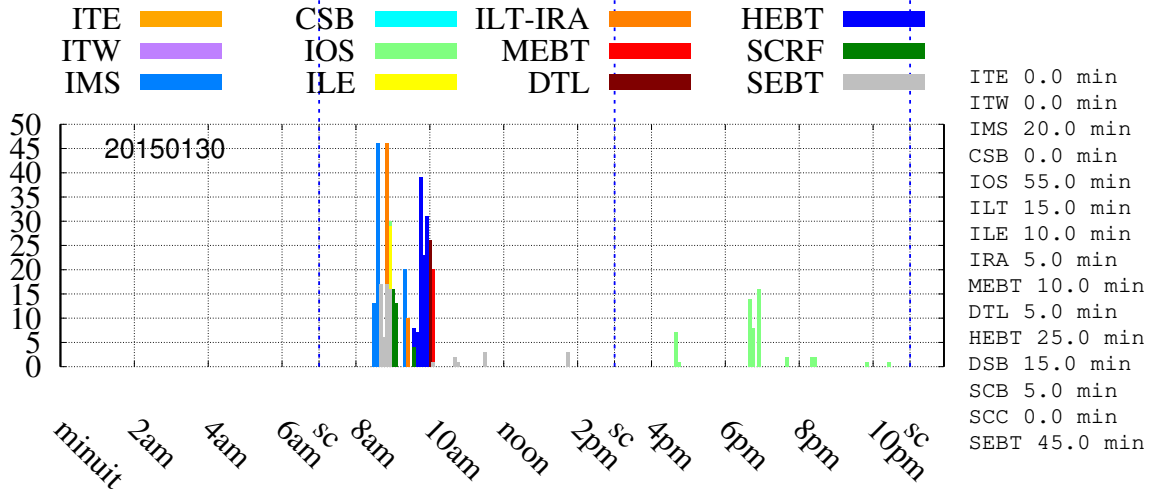
Total Commands (5min Binning)



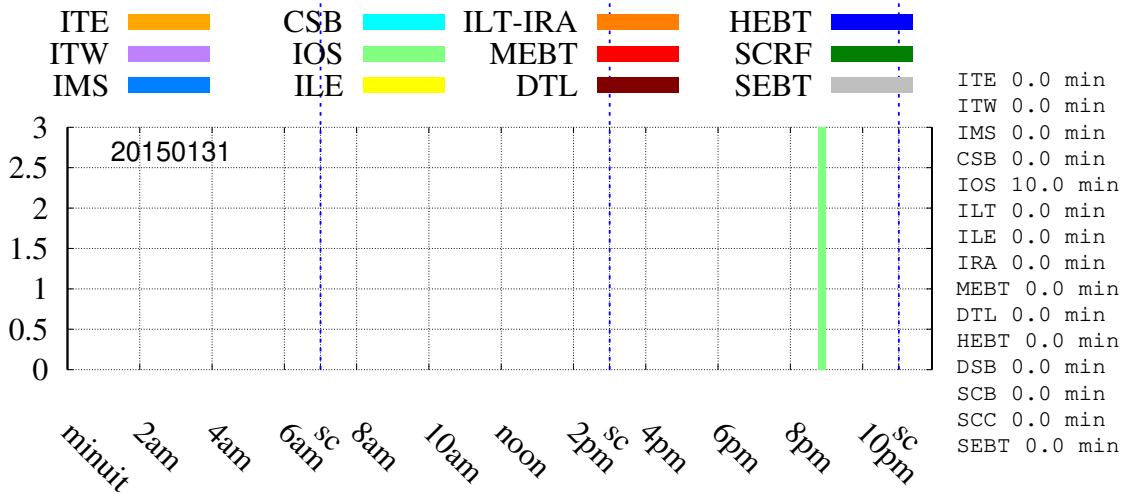
Total Commands (5min Binning)



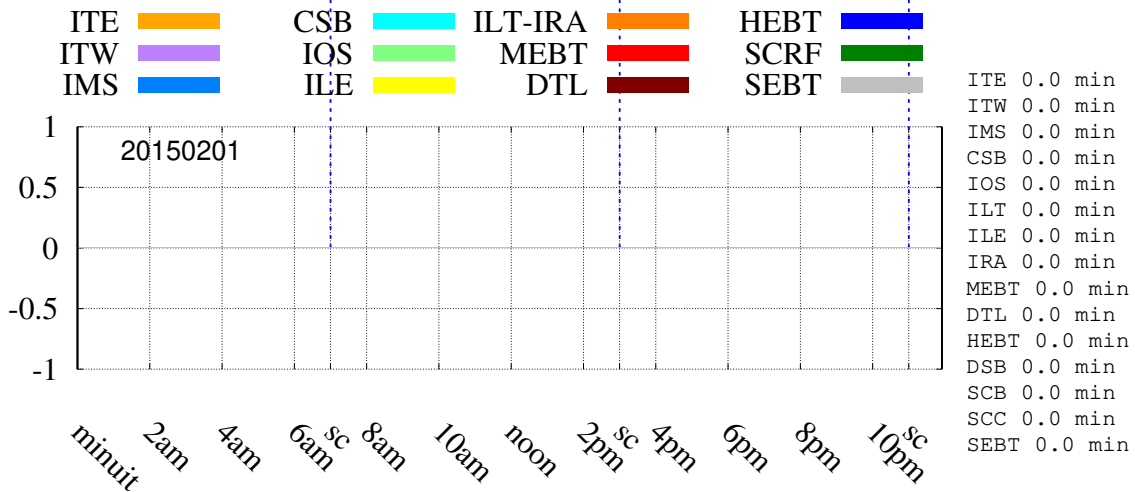
Total Commands (5min Binning)



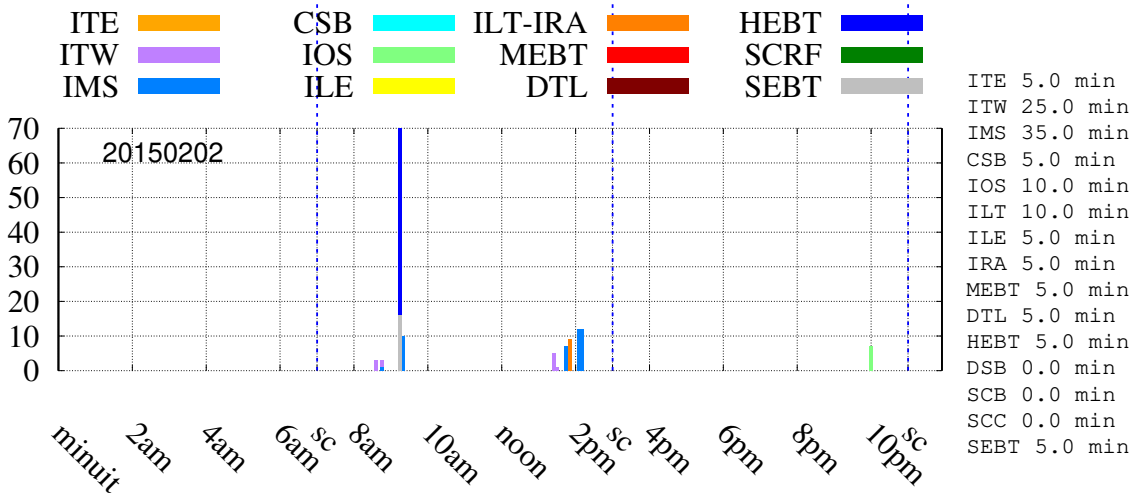
Total Commands (5min Binning)

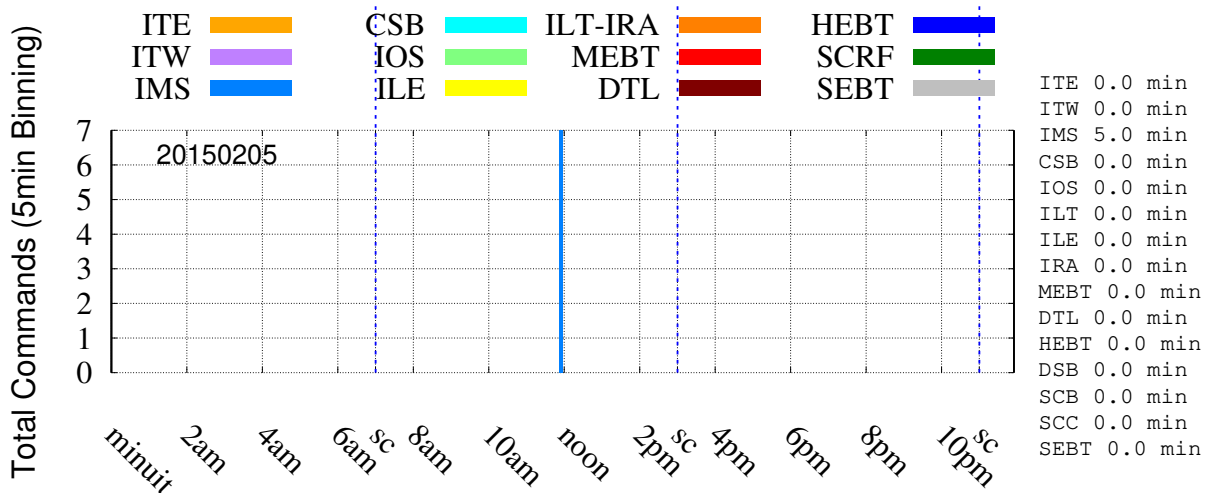
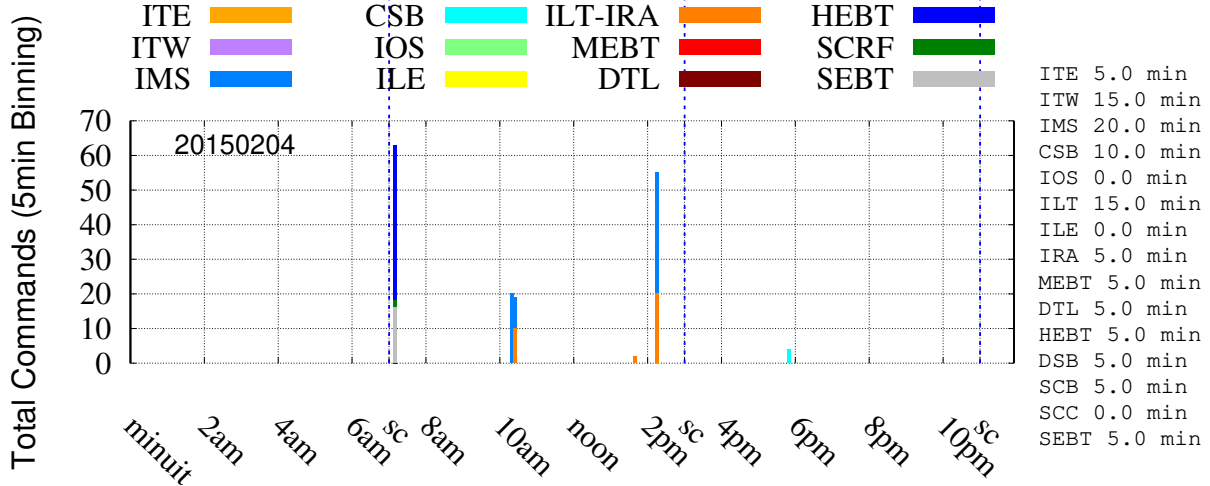
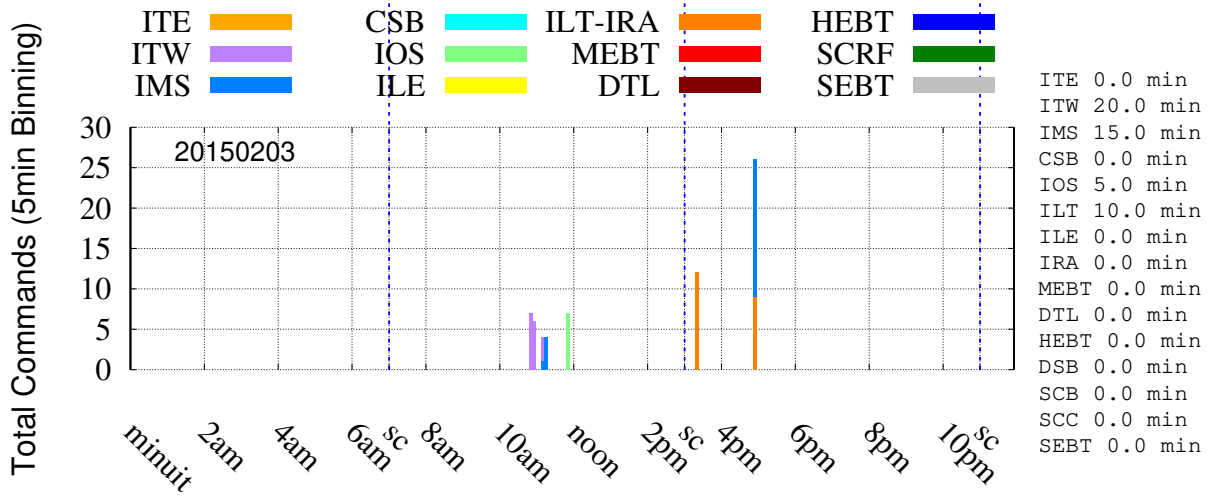


Total Commands (5min Binning)

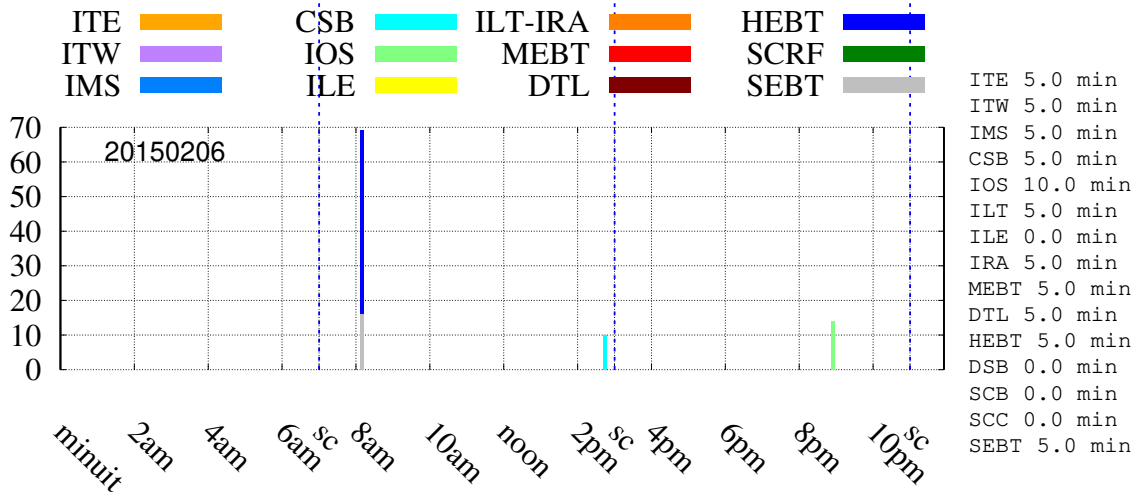


Total Commands (5min Binning)

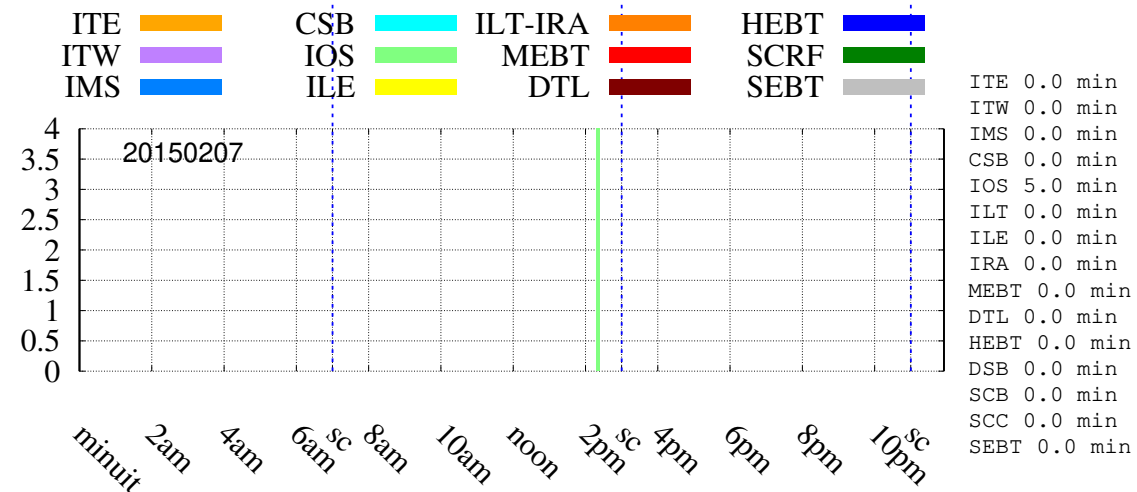




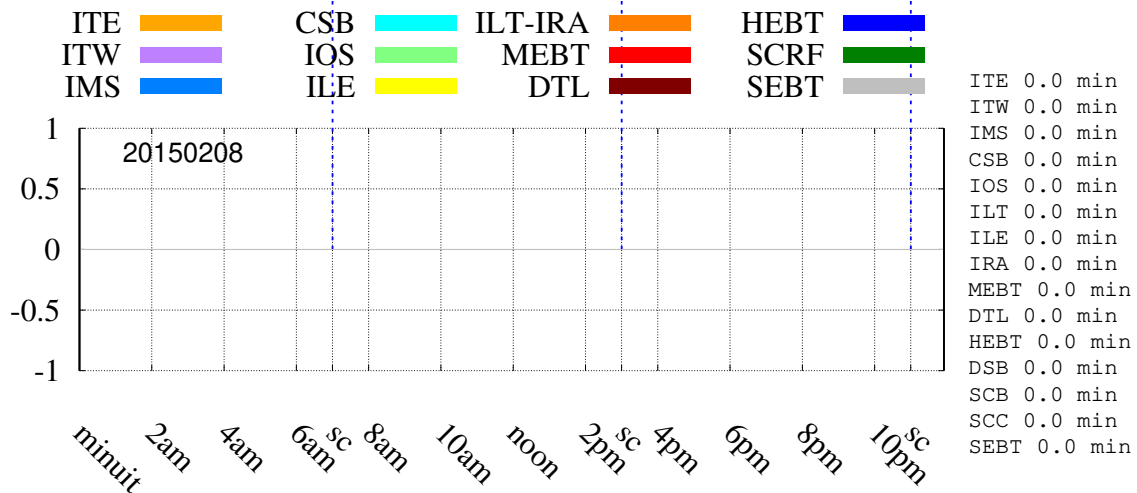
Total Commands (5min Binning)

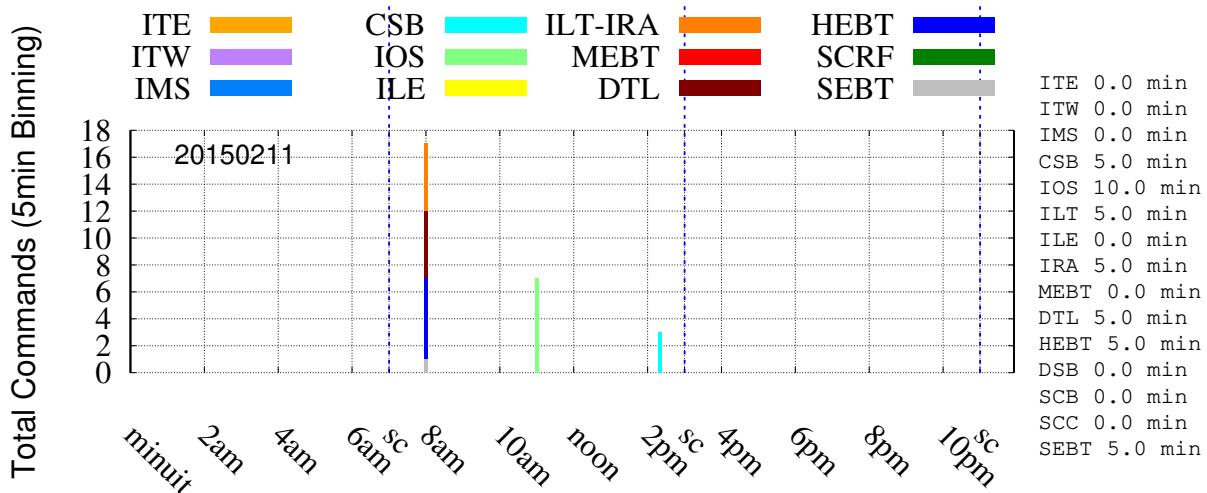
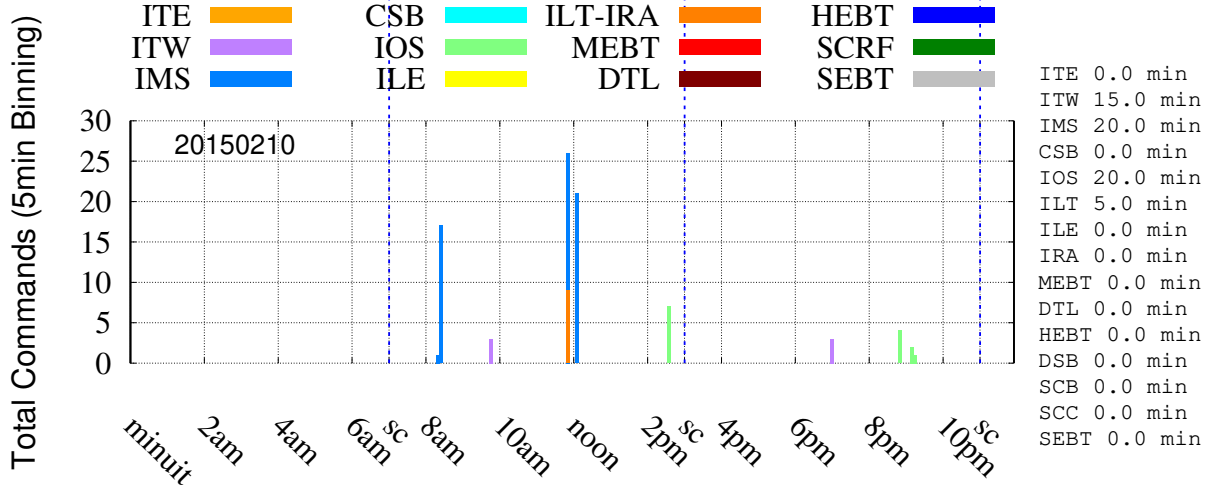
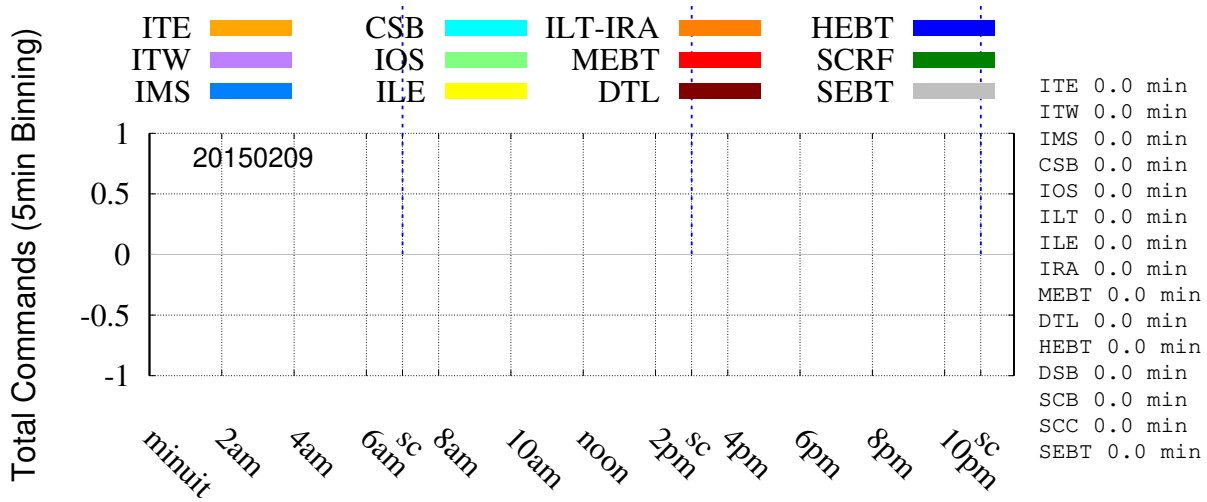


Total Commands (5min Binning)



Total Commands (5min Binning)

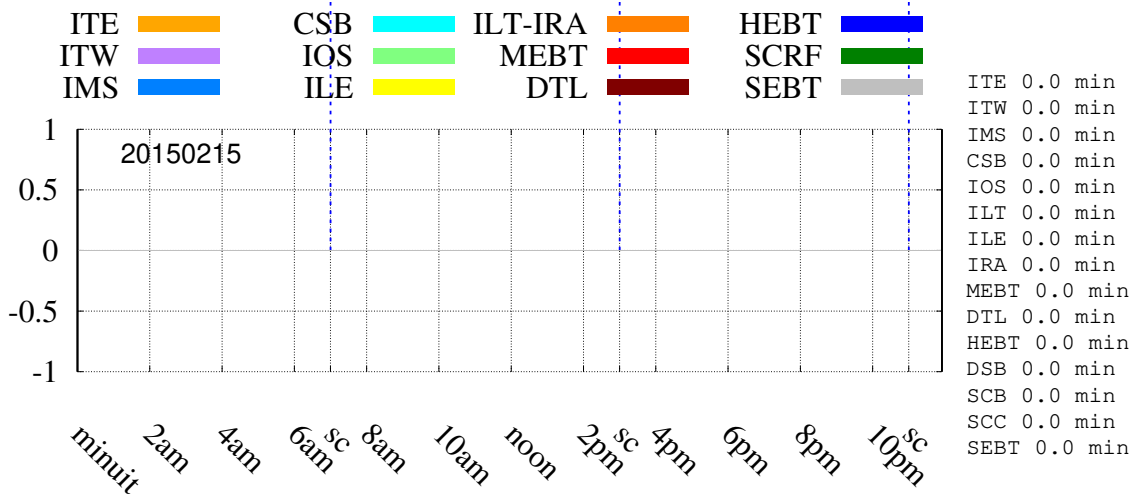




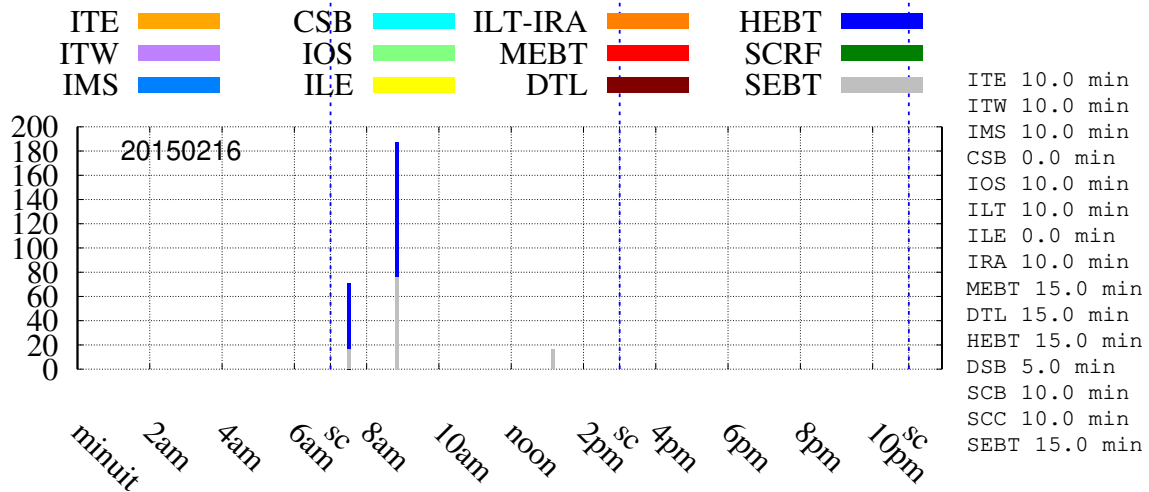




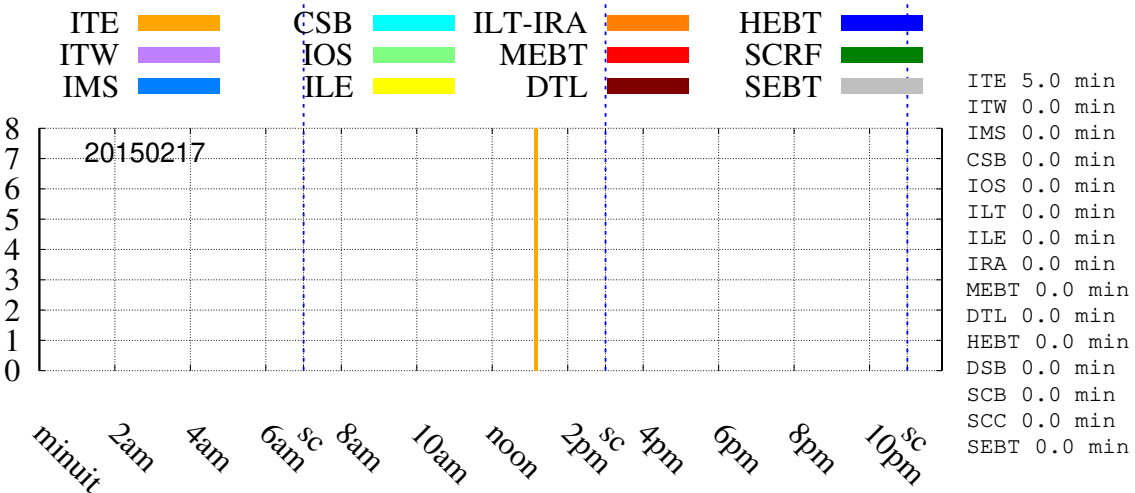
Total Commands (5min Binning)



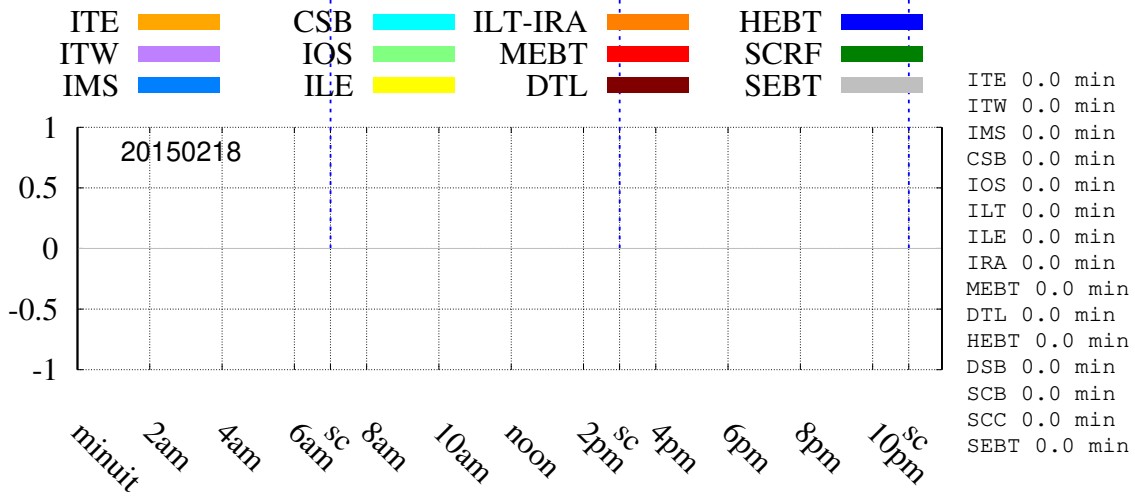
Total Commands (5min Binning)



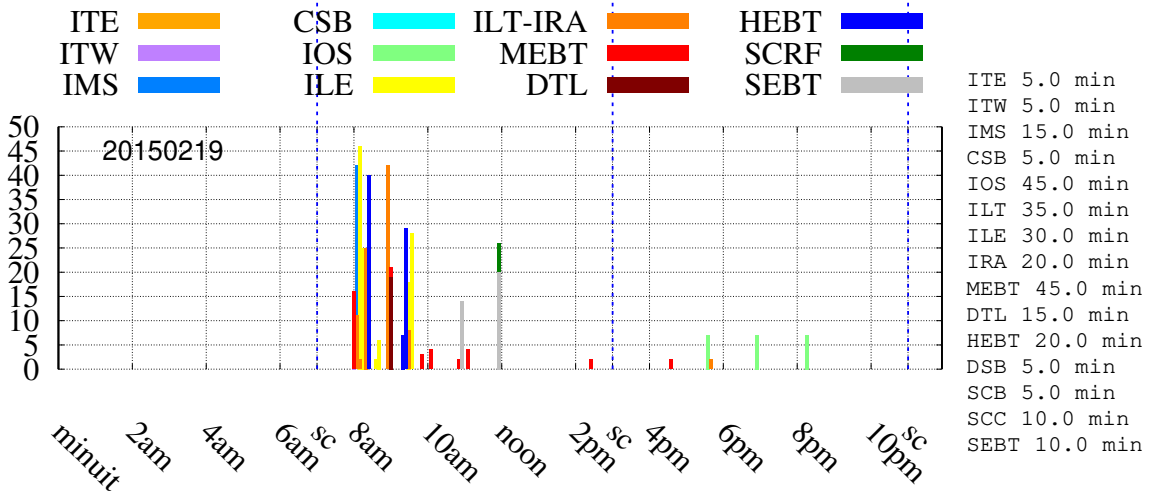
Total Commands (5min Binning)



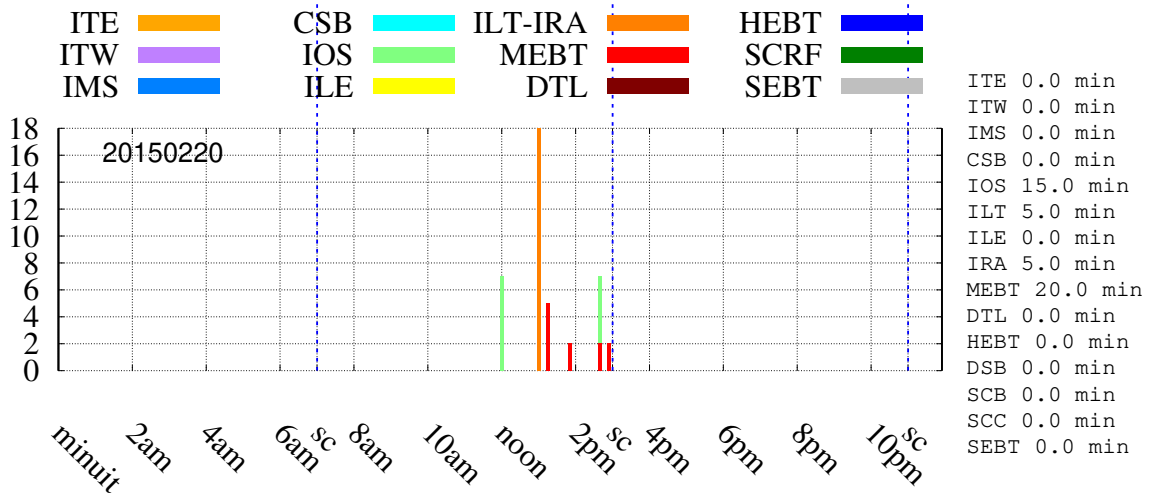
Total Commands (5min Binning)



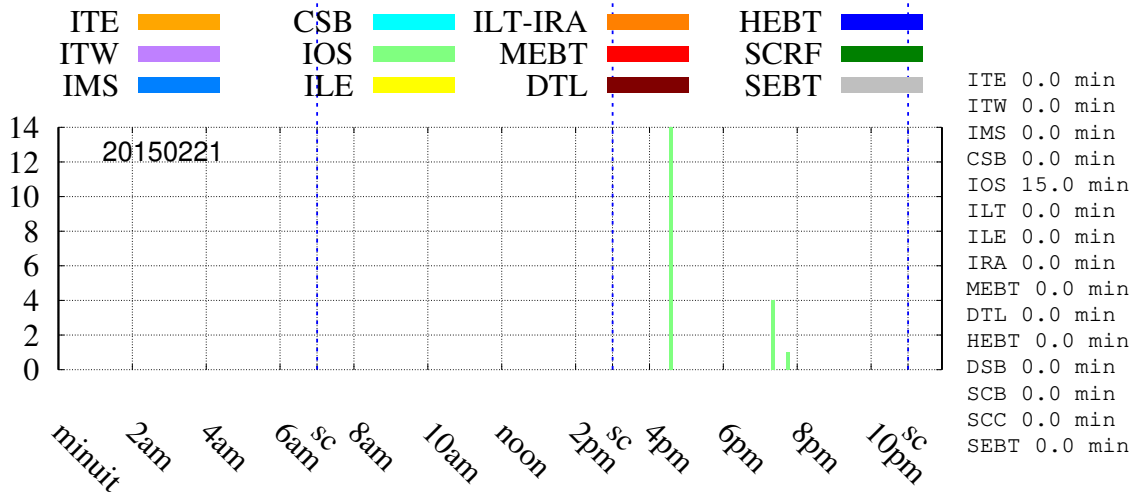
Total Commands (5min Binning)



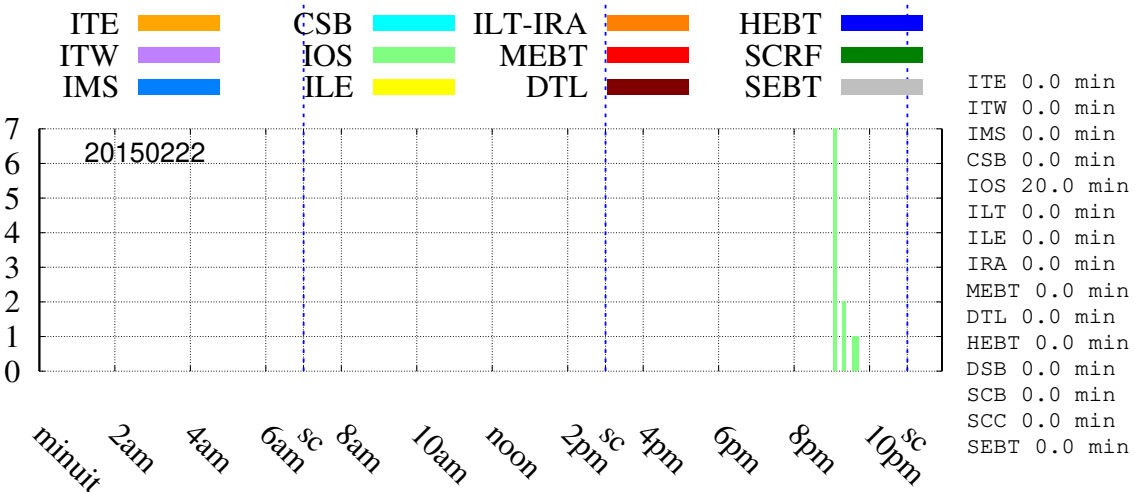
Total Commands (5min Binning)



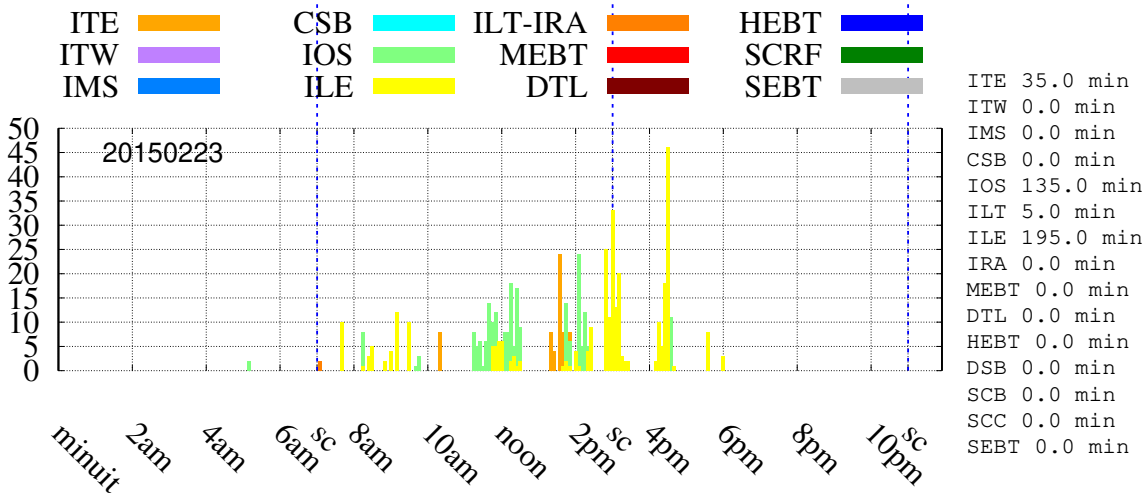
Total Commands (5min Binning)



Total Commands (5min Binning)

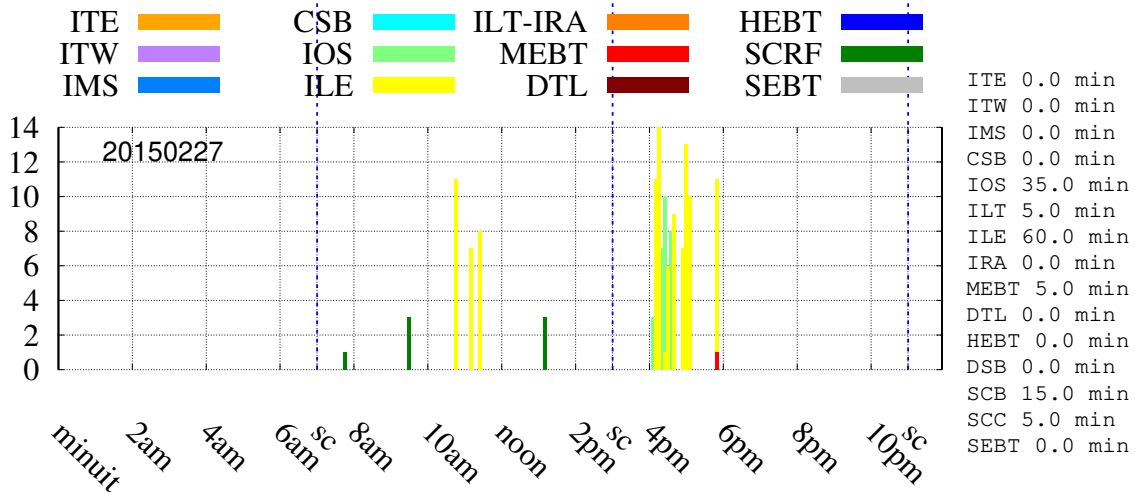


Total Commands (5min Binning)

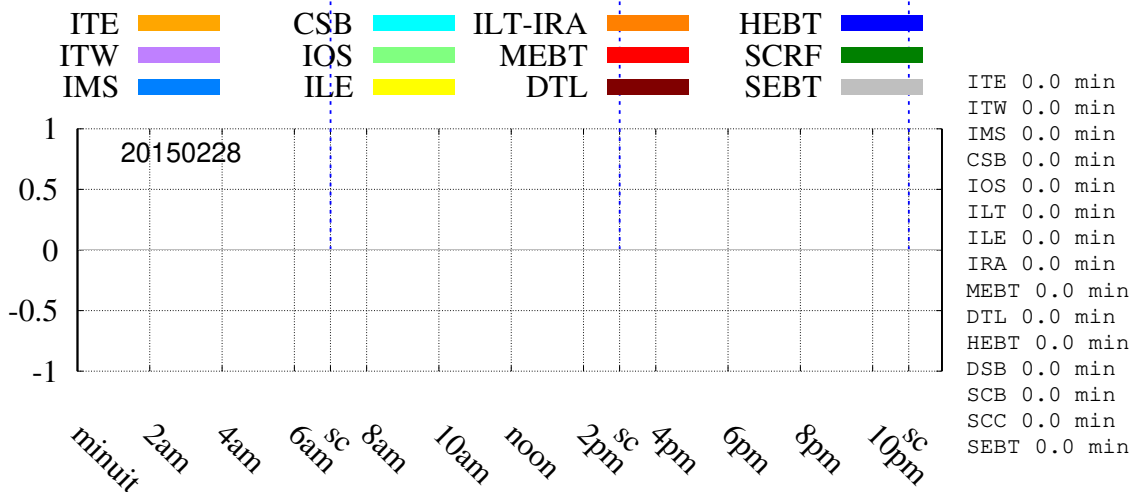




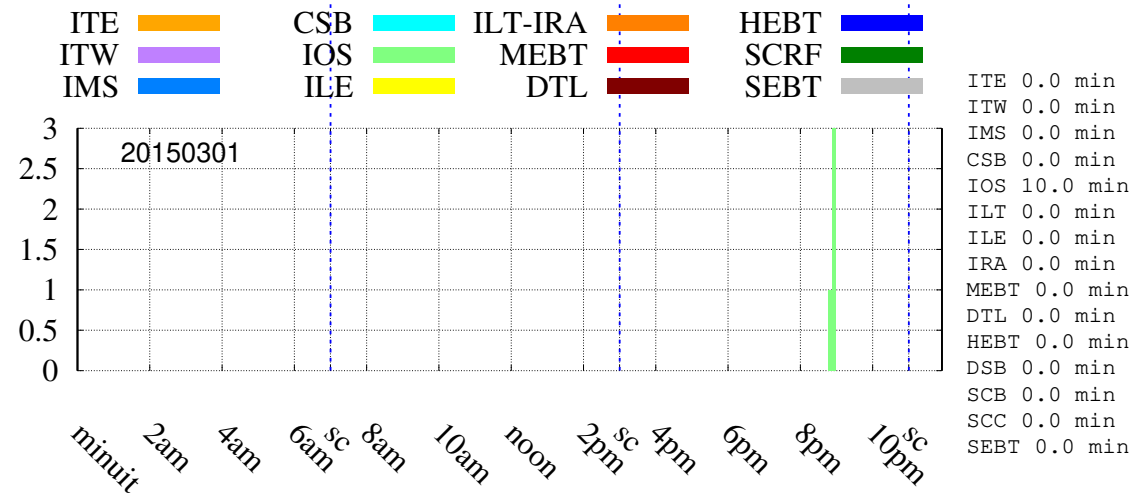
Total Commands (5min Binning)



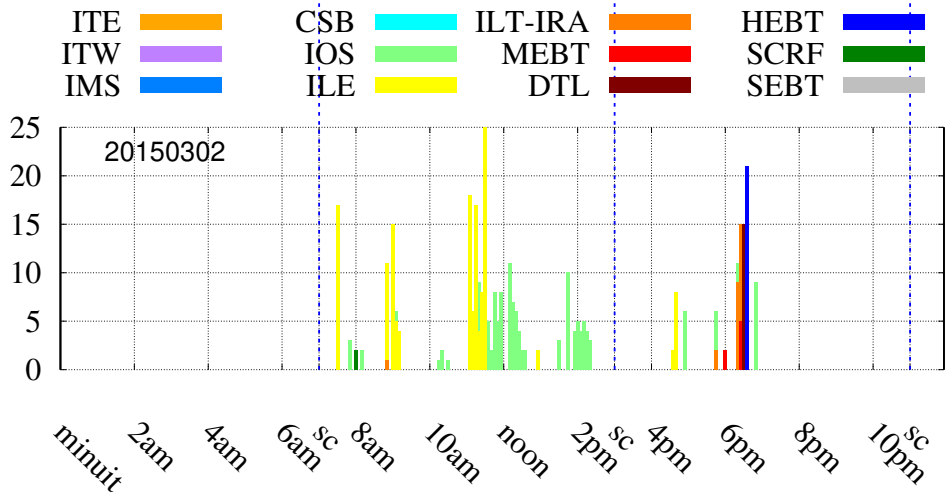
Total Commands (5min Binning)



Total Commands (5min Binning)

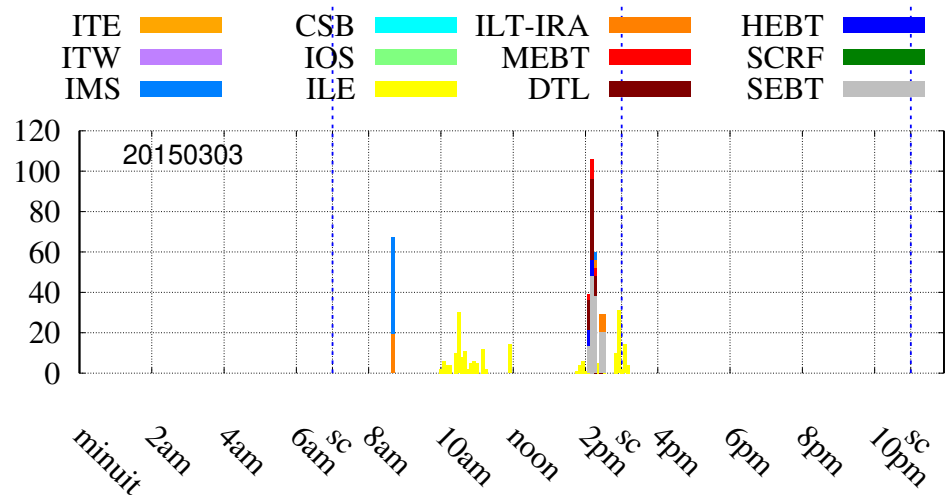


Total Commands (5min Binning)



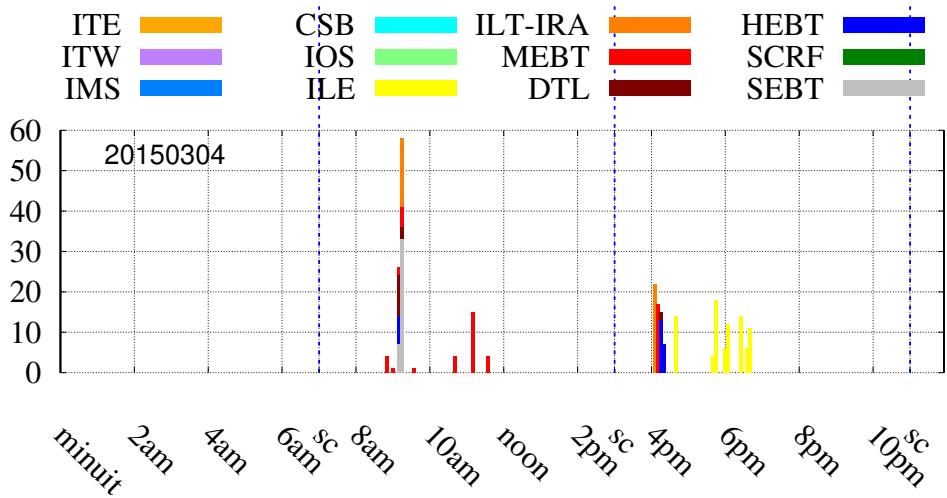
20150302

Total Commands (5min Binning)



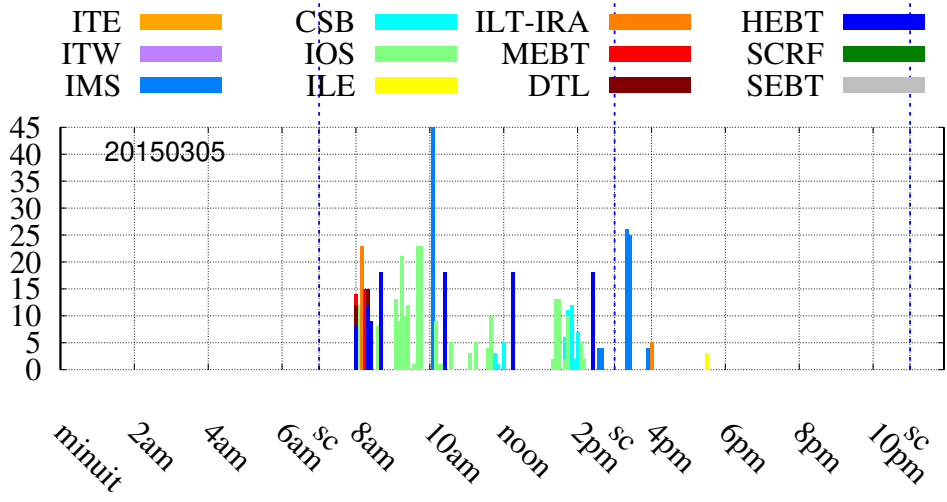
20150303

Total Commands (5min Binning)



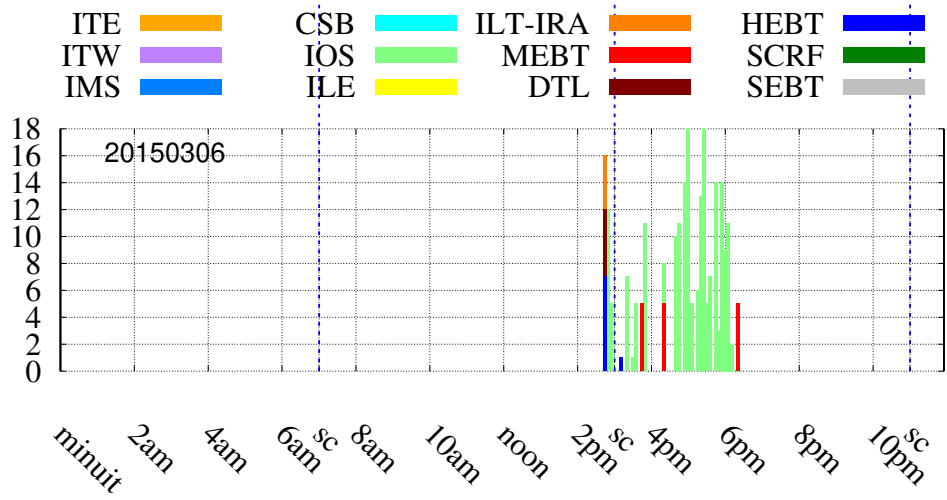
20150304

Total Commands (5min Binning)



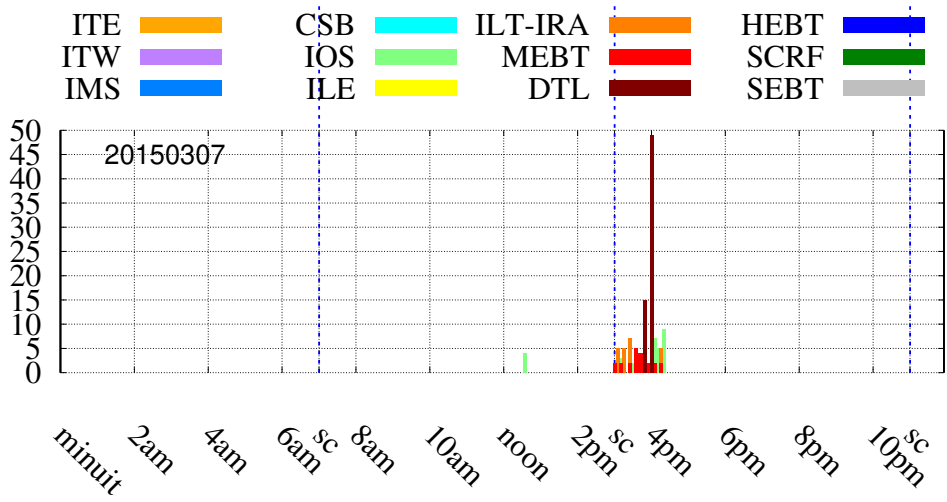
ITE	0.0 min
ITW	25.0 min
IMS	30.0 min
CSB	40.0 min
IOS	160.0 min
ILT	25.0 min
ILE	5.0 min
IRA	25.0 min
MEBT	35.0 min
DTL	30.0 min
HEBT	35.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)



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

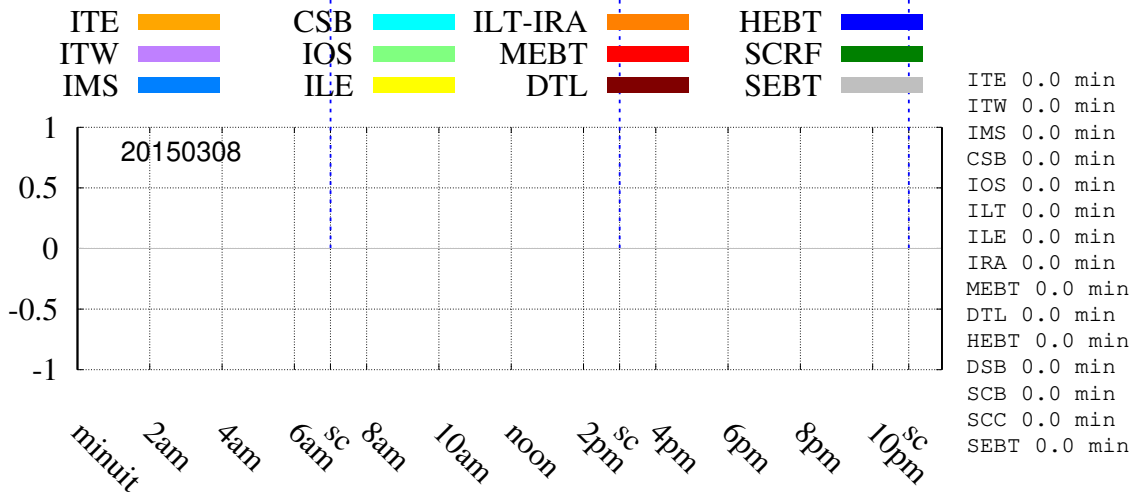
Total Commands (5min Binning)



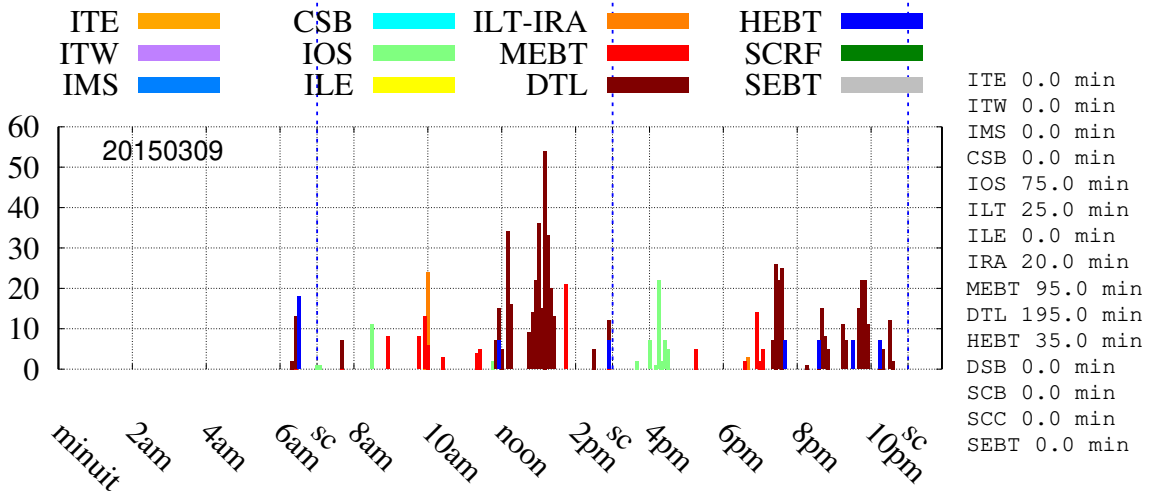
ITE	0.0 min
ITW	0.0 min
IMS	0.0 min
CSB	0.0 min
IOS	50.0 min
ILT	35.0 min
ILE	0.0 min
IRA	35.0 min
MEBT	50.0 min
DTL	10.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min



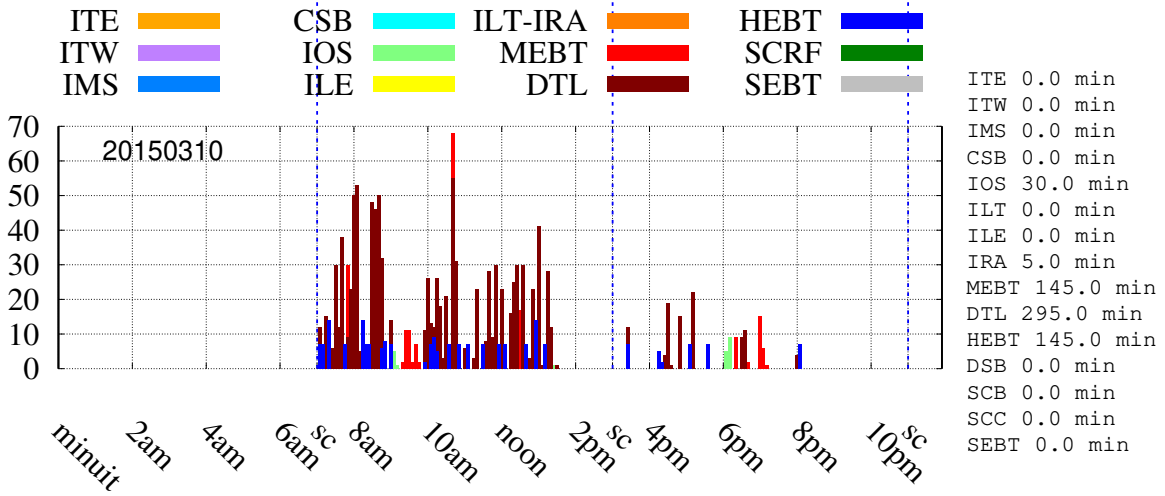
Total Commands (5min Binning)



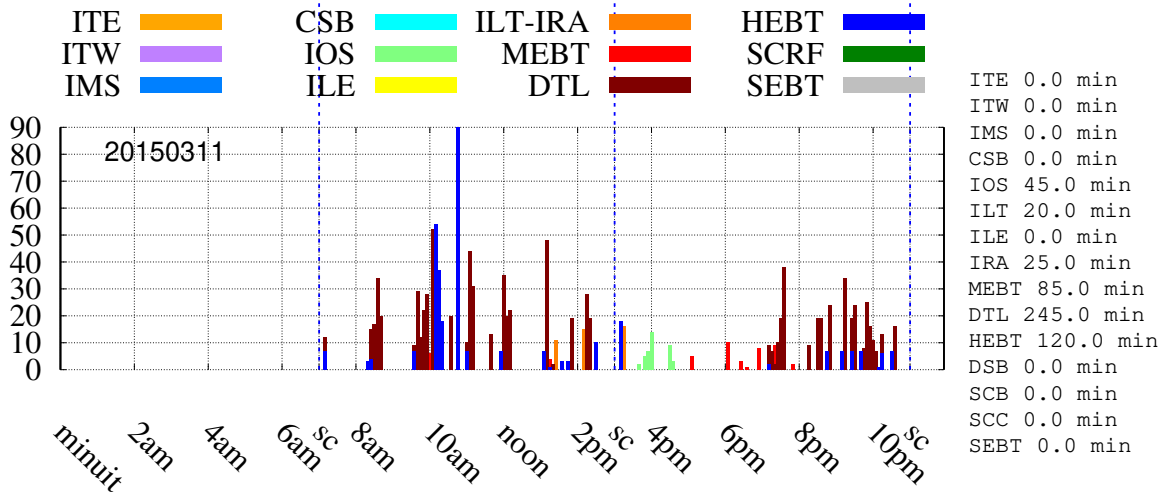
Total Commands (5min Binning)



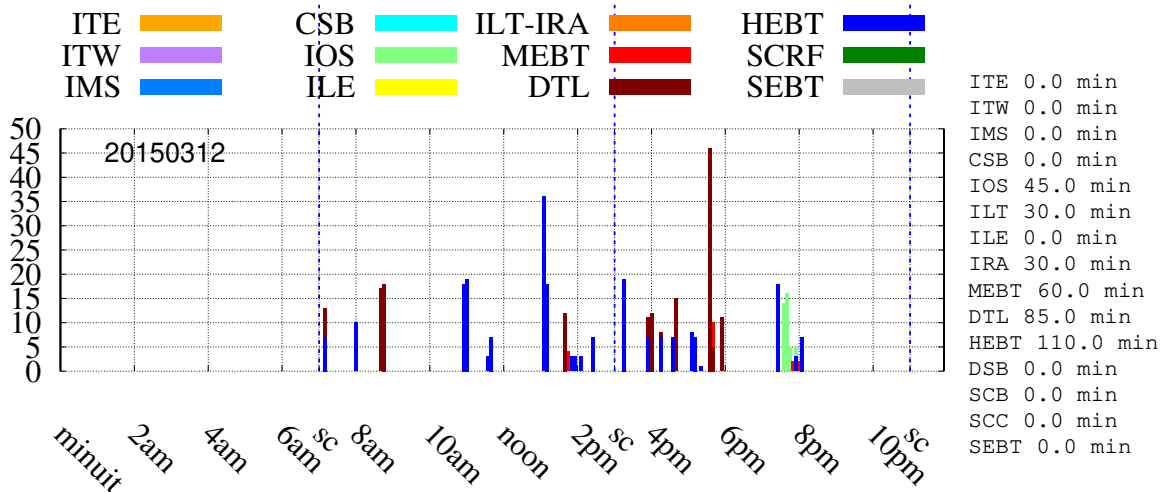
Total Commands (5min Binning)



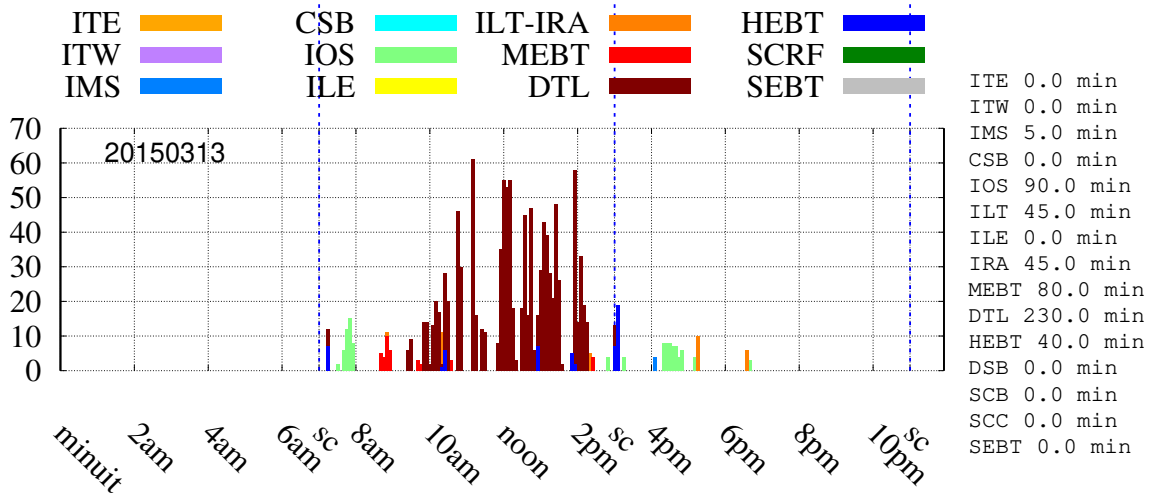
Total Commands (5min Binning)

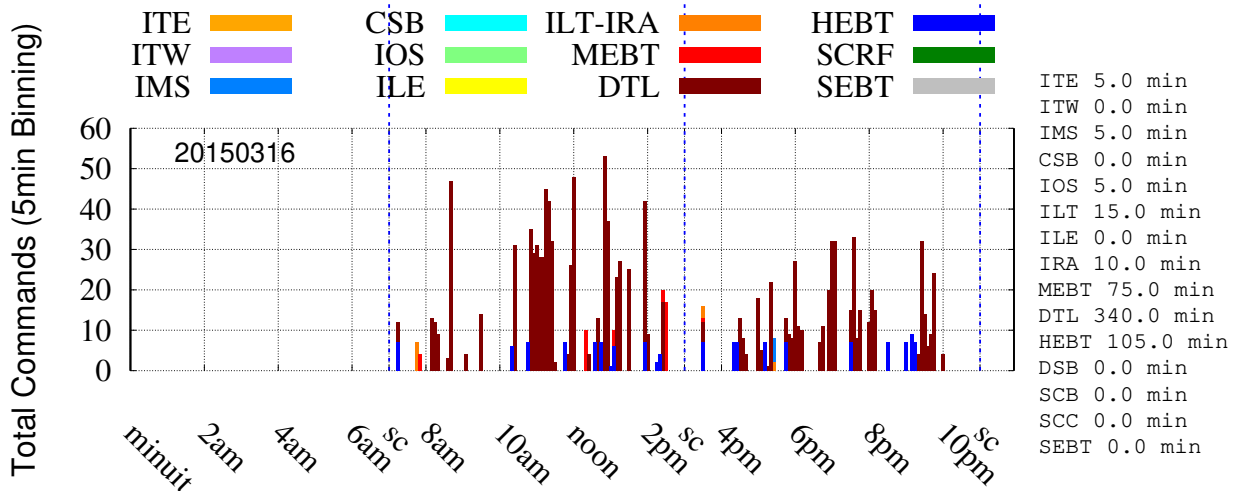
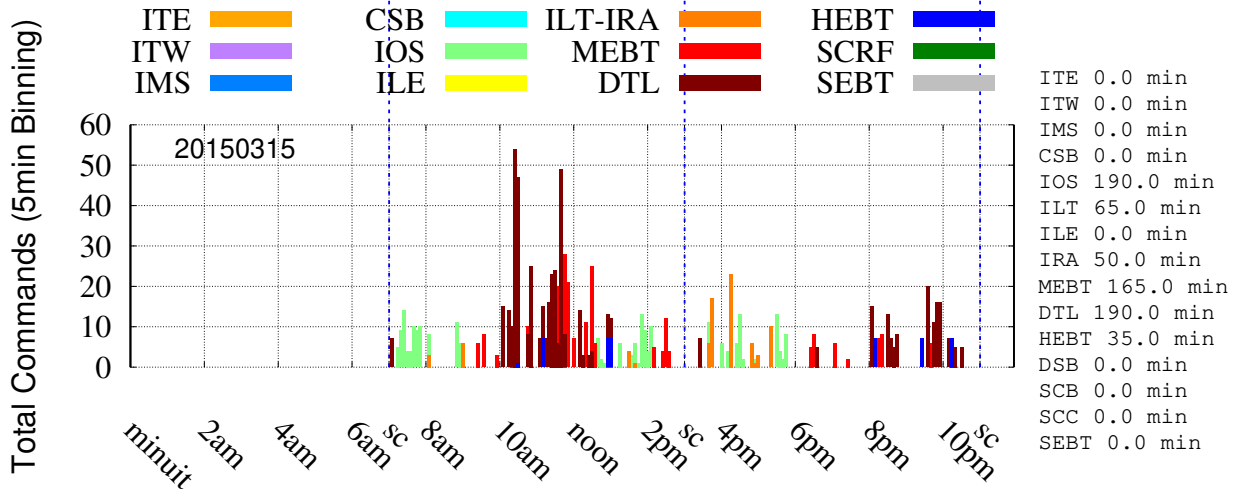
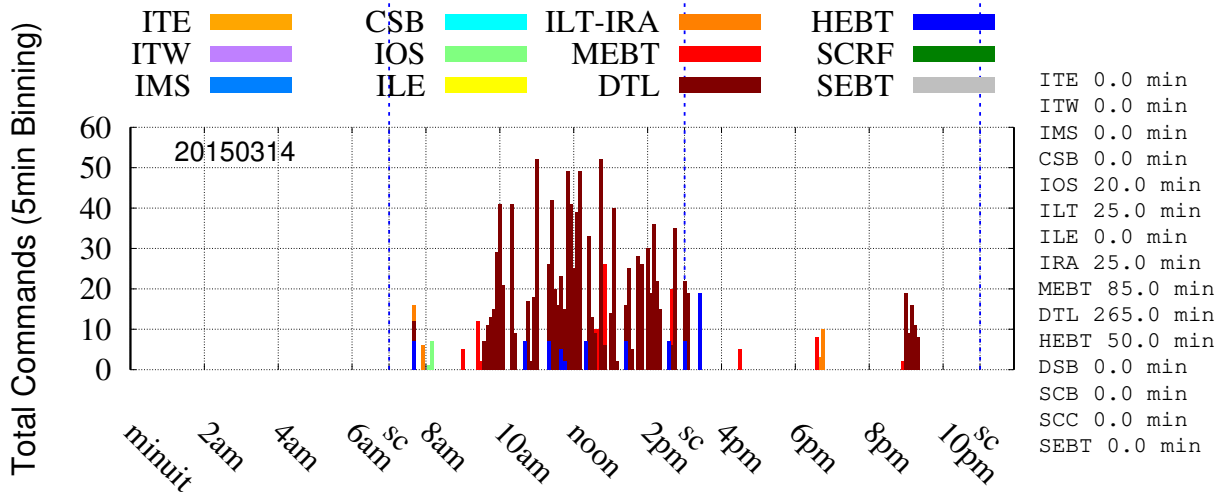


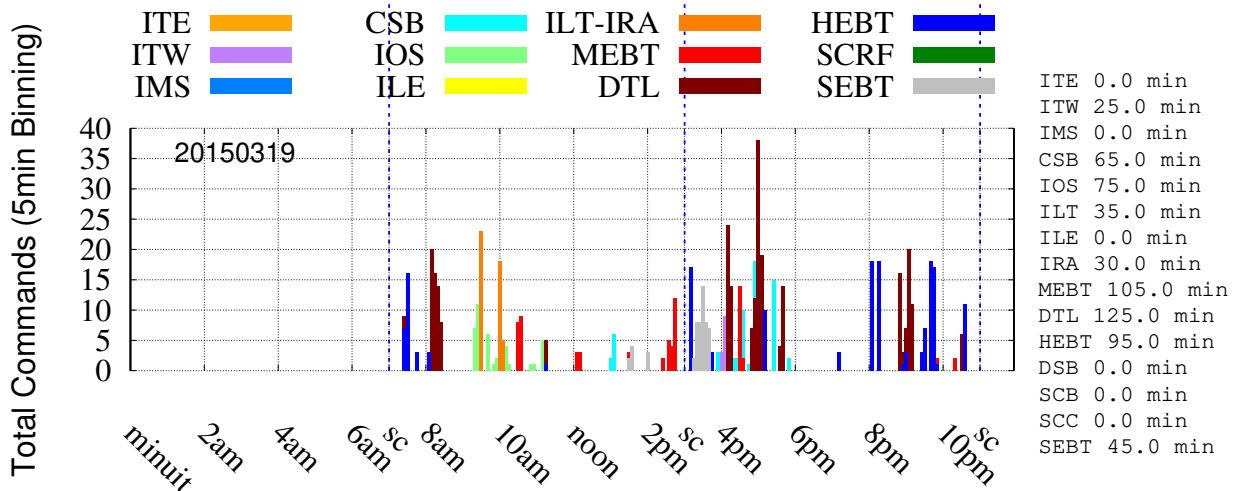
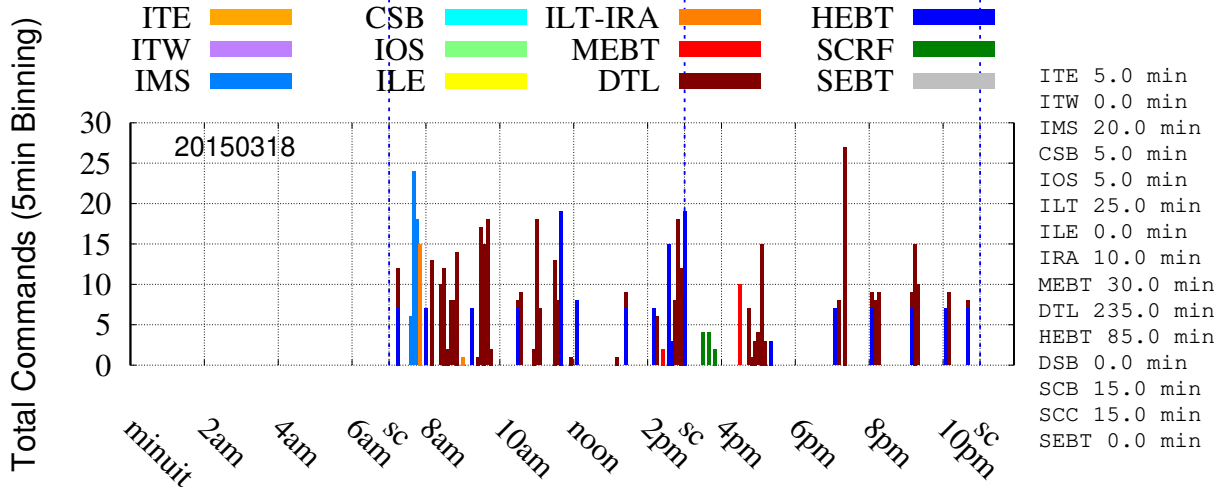
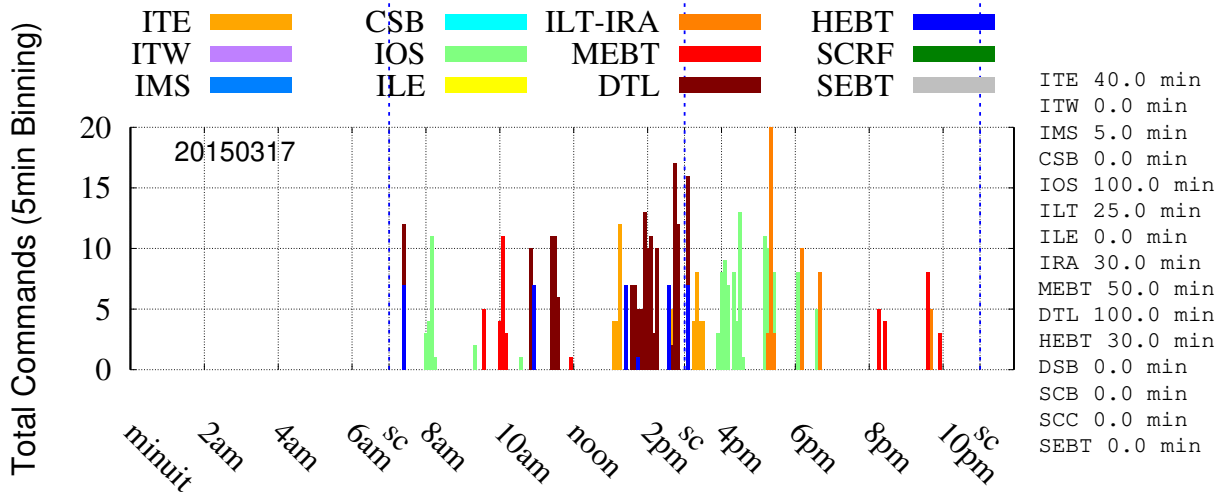
Total Commands (5min Binning)



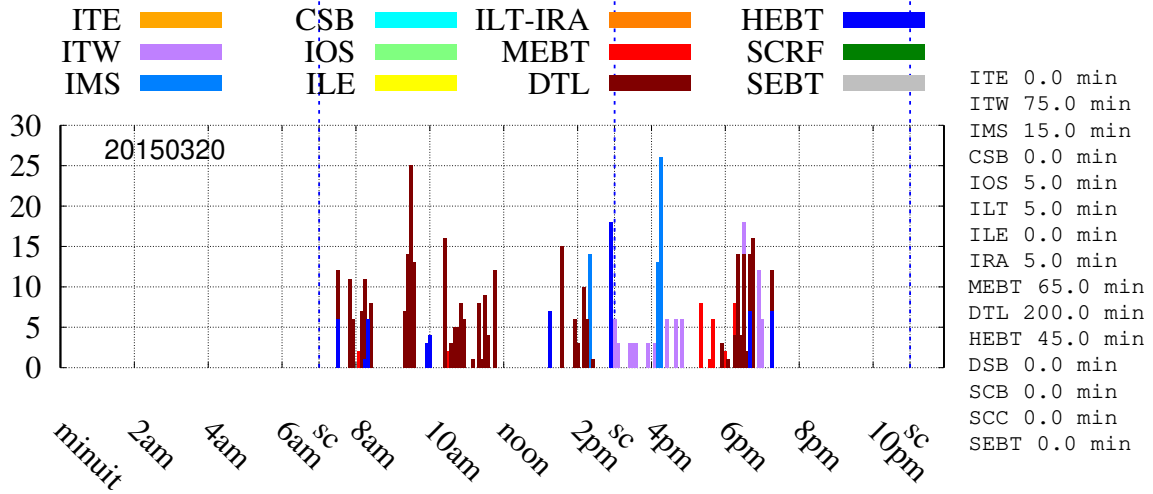
Total Commands (5min Binning)



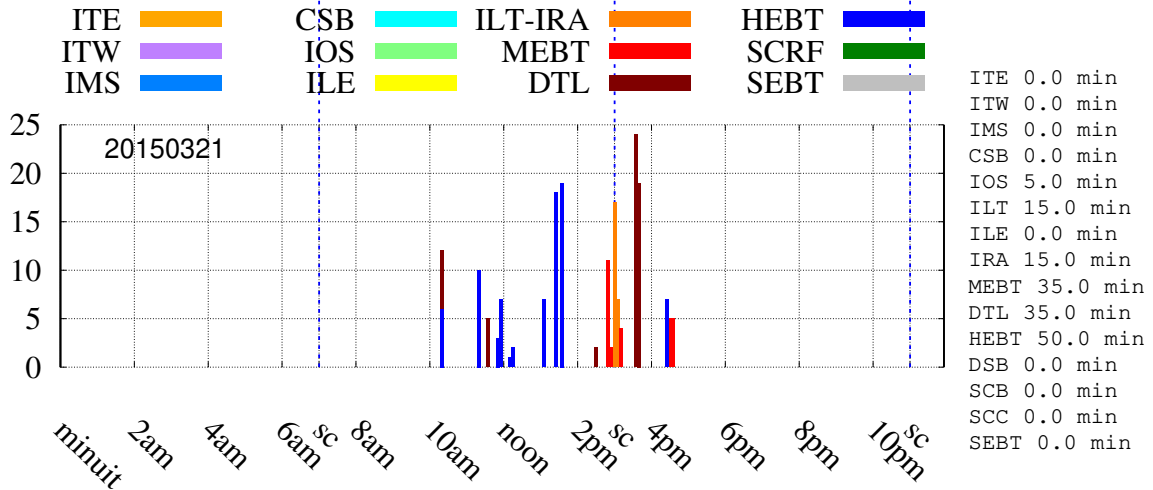




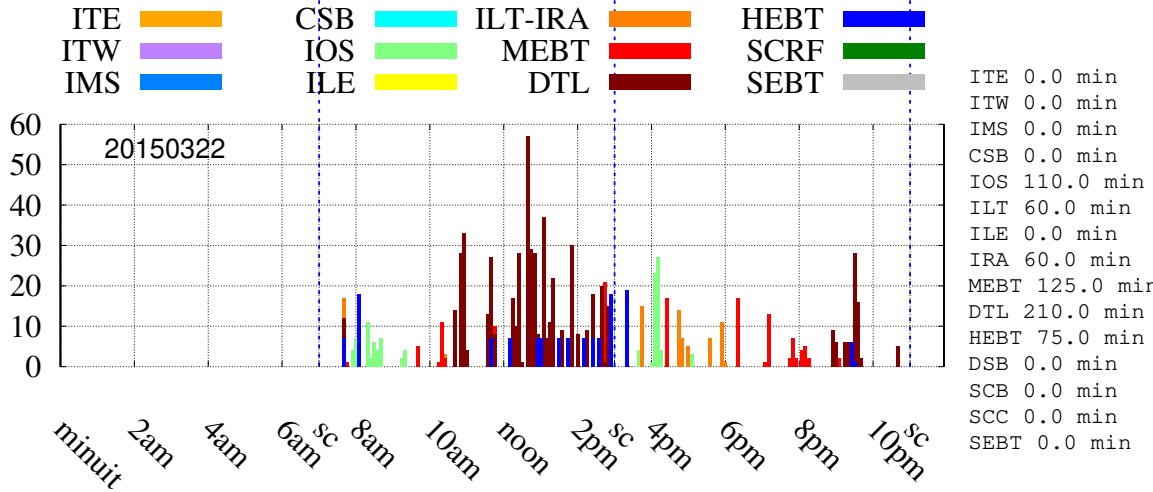
Total Commands (5min Binning)



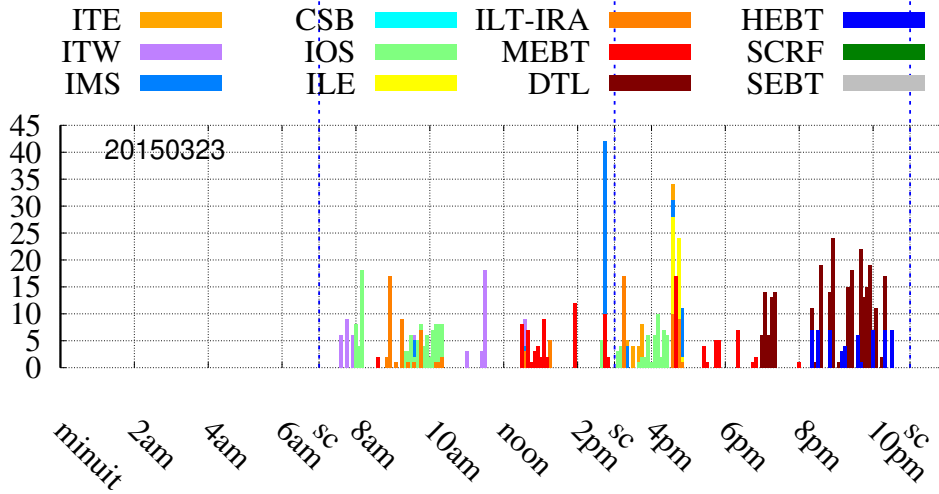
Total Commands (5min Binning)



Total Commands (5min Binning)

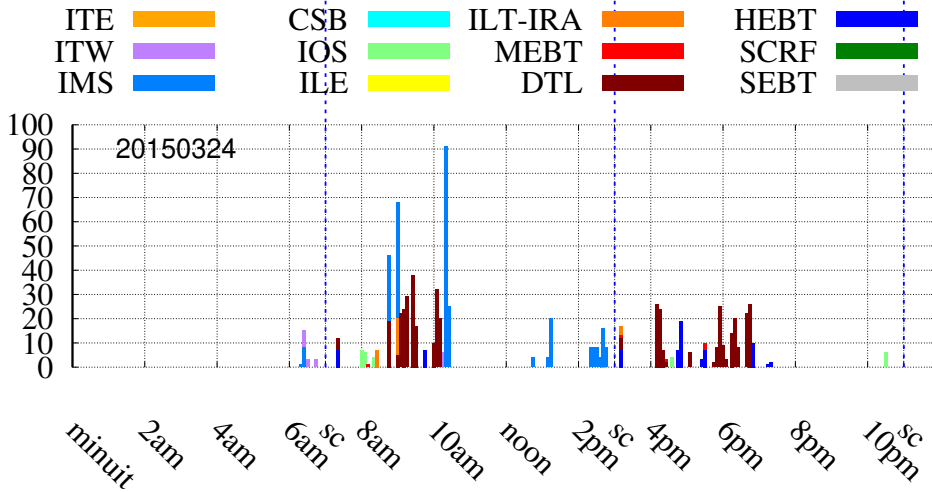


Total Commands (5min Binning)



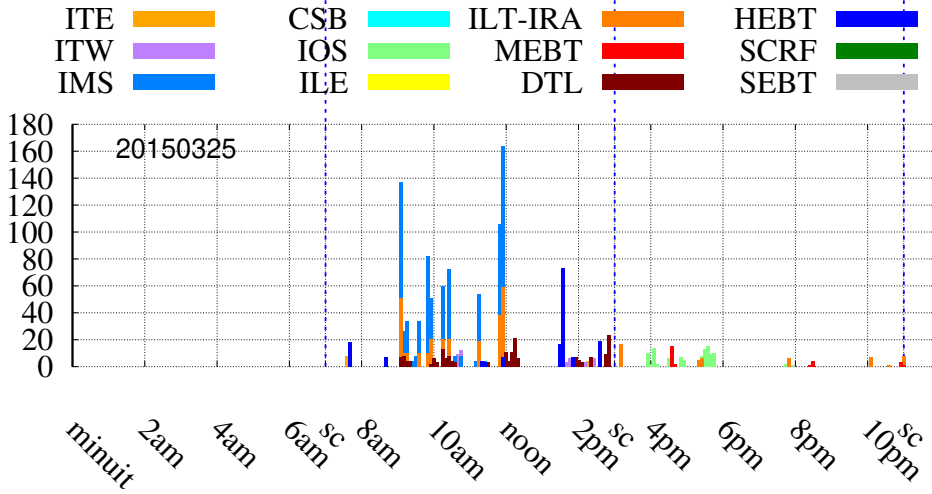
ITE	50.0 min
ITW	55.0 min
IMS	40.0 min
CSB	0.0 min
IOS	165.0 min
ILT-IRA	75.0 min
ILE	15.0 min
IRA	40.0 min
MEBT	110.0 min
DTL	100.0 min
HEBT	50.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)



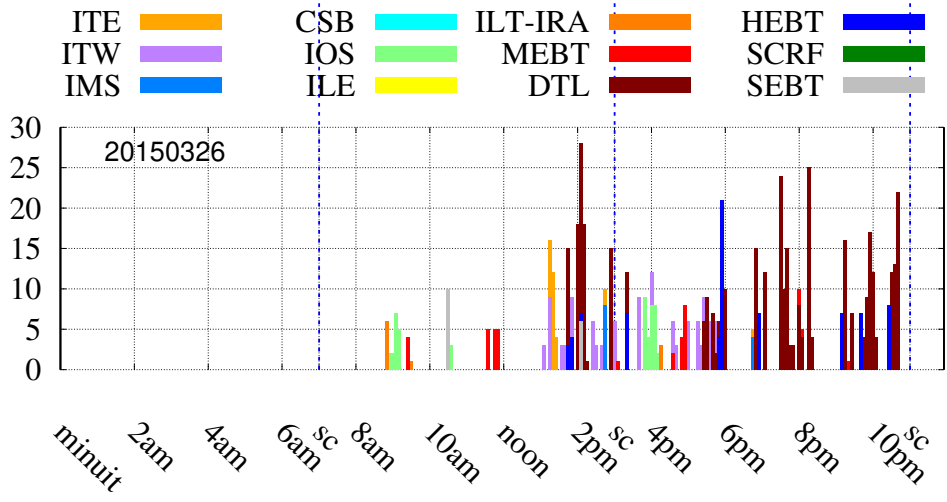
ITE	0.0 min
ITW	90.0 min
IMS	75.0 min
CSB	0.0 min
IOS	40.0 min
ILT-IRA	20.0 min
ILE	0.0 min
IRA	10.0 min
MEBT	20.0 min
DTL	135.0 min
HEBT	50.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)



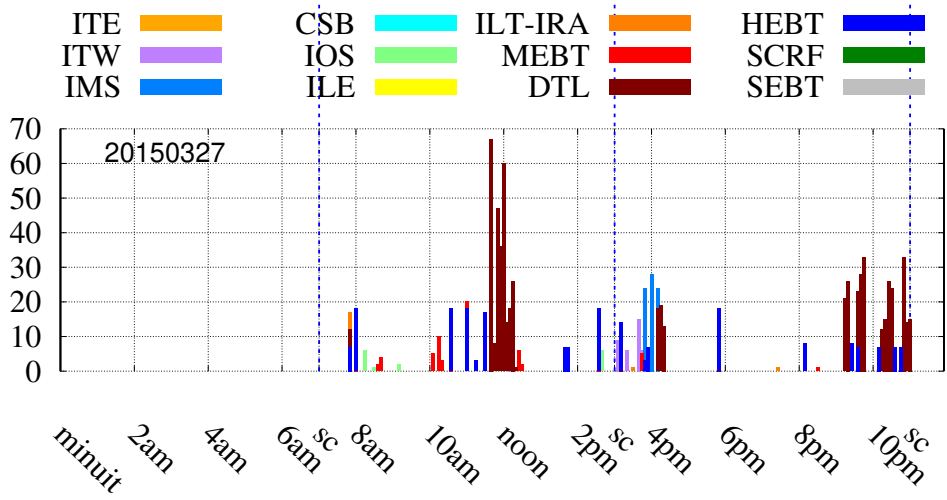
ITE	10.0 min
ITW	145.0 min
IMS	110.0 min
CSB	0.0 min
IOS	90.0 min
ILT-IRA	95.0 min
ILE	0.0 min
IRA	40.0 min
MEBT	50.0 min
DTL	145.0 min
HEBT	45.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)



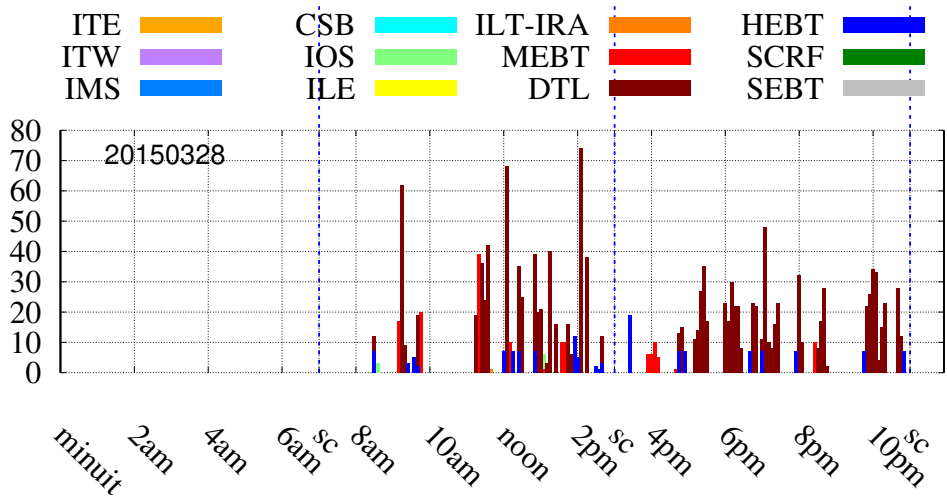
ITE 30.0 min  
 ITW 115.0 min  
 IMS 20.0 min  
 CSB 0.0 min  
 IOS 65.0 min  
 ILT 15.0 min  
 ILE 0.0 min  
 IRA 20.0 min  
 MEBT 95.0 min  
 DTL 185.0 min  
 HEBT 50.0 min  
 DSB 0.0 min  
 SCB 0.0 min  
 SCC 0.0 min  
 SEBT 10.0 min

Total Commands (5min Binning)



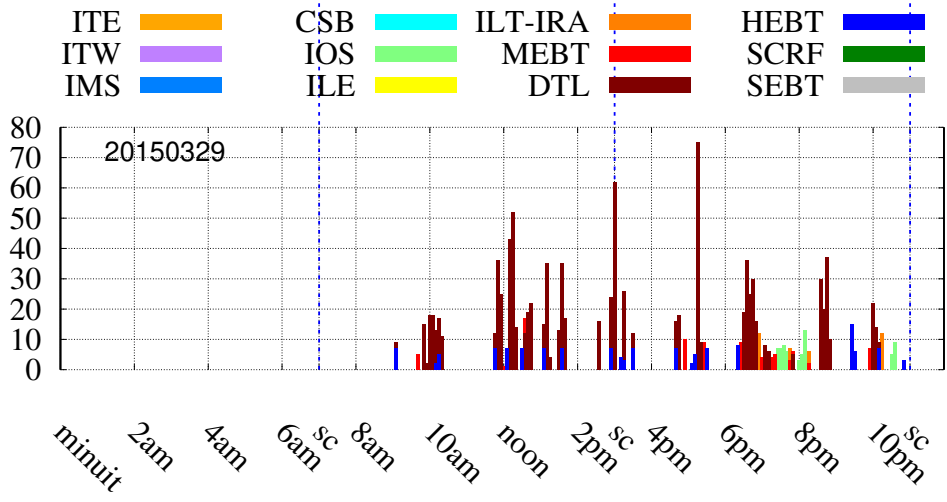
ITE 0.0 min  
 ITW 50.0 min  
 IMS 25.0 min  
 CSB 0.0 min  
 IOS 50.0 min  
 ILT 35.0 min  
 ILE 0.0 min  
 IRA 25.0 min  
 MEBT 70.0 min  
 DTL 165.0 min  
 HEBT 95.0 min  
 DSB 0.0 min  
 SCB 0.0 min  
 SCC 0.0 min  
 SEBT 0.0 min

Total Commands (5min Binning)



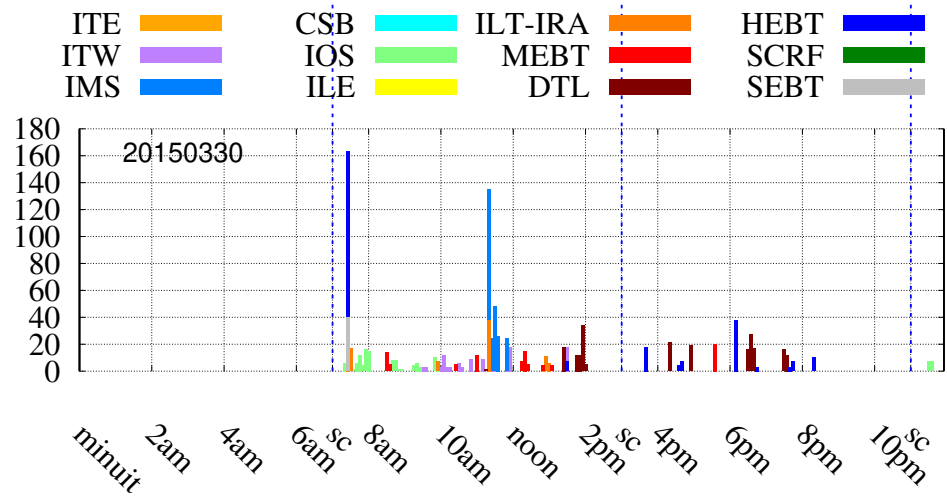
ITE 0.0 min  
 ITW 0.0 min  
 IMS 0.0 min  
 CSB 0.0 min  
 IOS 25.0 min  
 ILT 10.0 min  
 ILE 0.0 min  
 IRA 20.0 min  
 MEBT 85.0 min  
 DTL 305.0 min  
 HEBT 105.0 min  
 DSB 0.0 min  
 SCB 0.0 min  
 SCC 0.0 min  
 SEBT 0.0 min

Total Commands (5min Binning)



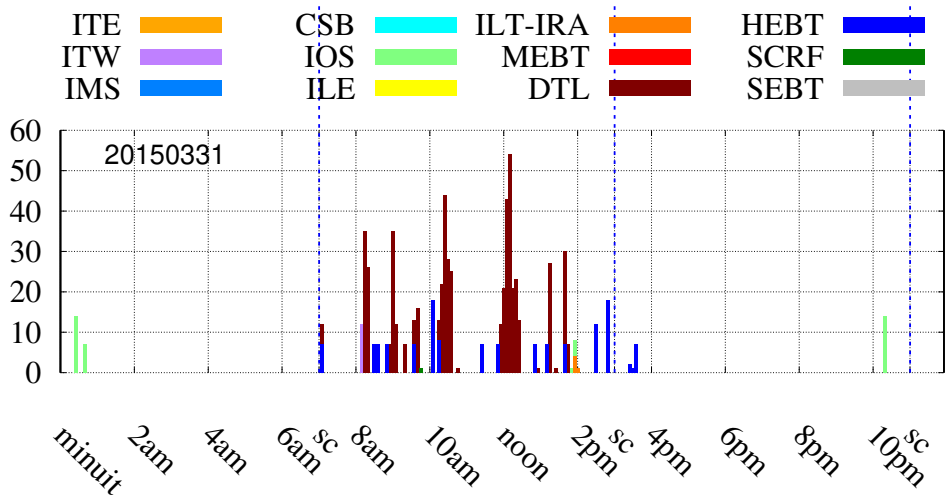
ITE	0.0 min
ITW	0.0 min
IMS	0.0 min
CSB	0.0 min
IOS	50.0 min
ILT-IRA	30.0 min
ILE	0.0 min
IRA	30.0 min
MEBT	100.0 min
DTL	240.0 min
HEBT	105.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)



ITE	5.0 min
ITW	90.0 min
IMS	30.0 min
CSB	5.0 min
IOS	110.0 min
ILT-IRA	30.0 min
ILE	0.0 min
IRA	40.0 min
MEBT	60.0 min
DTL	85.0 min
HEBT	50.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	5.0 min

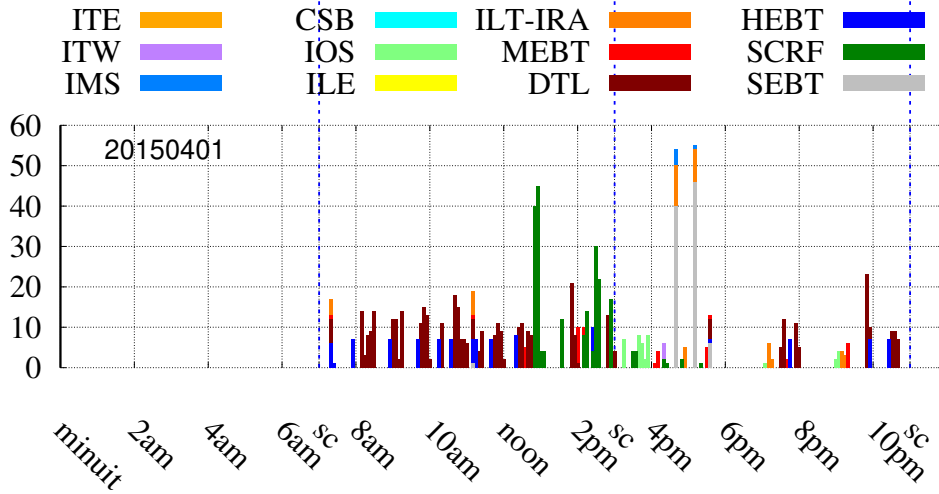
Total Commands (5min Binning)



ITE	0.0 min
ITW	10.0 min
IMS	0.0 min
CSB	0.0 min
IOS	35.0 min
ILT-IRA	15.0 min
ILE	0.0 min
IRA	15.0 min
MEBT	15.0 min
DTL	155.0 min
HEBT	85.0 min
DSB	0.0 min
SCB	5.0 min
SCC	0.0 min
SEBT	0.0 min

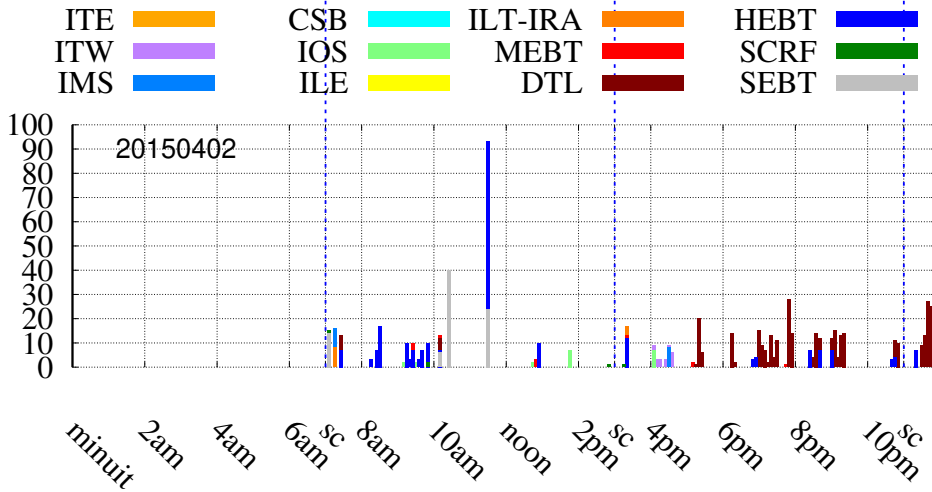


Total Commands (5min Binning)



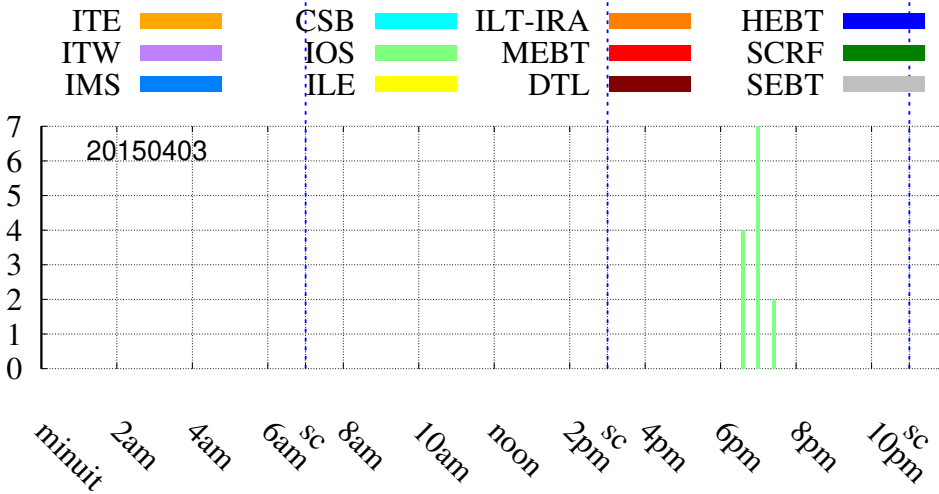
ITE	0.0 min
ITW	25.0 min
IMS	20.0 min
CSB	0.0 min
IOS	55.0 min
ILT-IRA	35.0 min
ILE	0.0 min
IRA	50.0 min
MEBT	75.0 min
DTL	270.0 min
HEBT	110.0 min
DSB	10.0 min
SCB	85.0 min
SCC	25.0 min
SEBT	20.0 min

Total Commands (5min Binning)



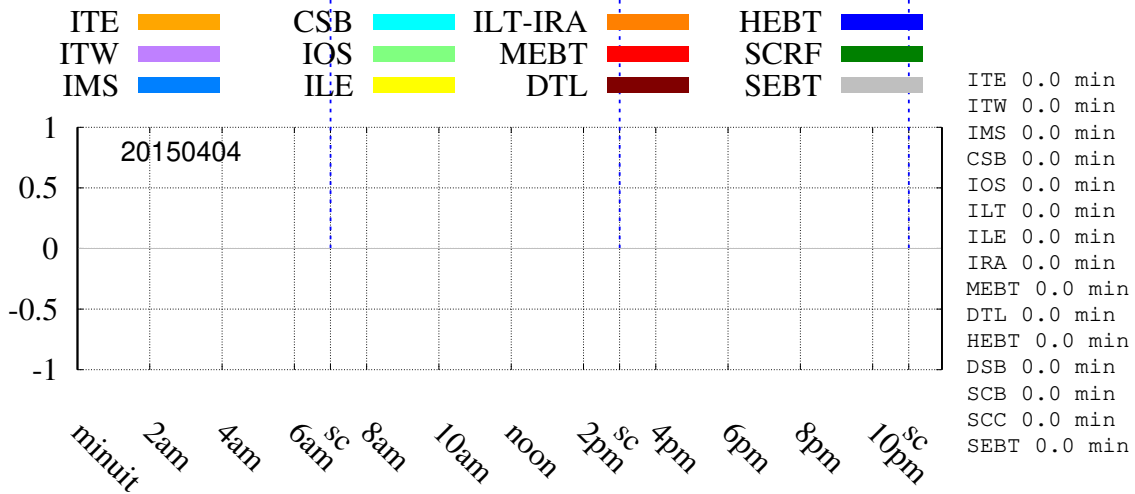
ITE	5.0 min
ITW	40.0 min
IMS	25.0 min
CSB	0.0 min
IOS	50.0 min
ILT-IRA	25.0 min
ILE	5.0 min
IRA	20.0 min
MEBT	70.0 min
DTL	170.0 min
HEBT	115.0 min
DSB	5.0 min
SCB	15.0 min
SCC	10.0 min
SEBT	20.0 min

Total Commands (5min Binning)

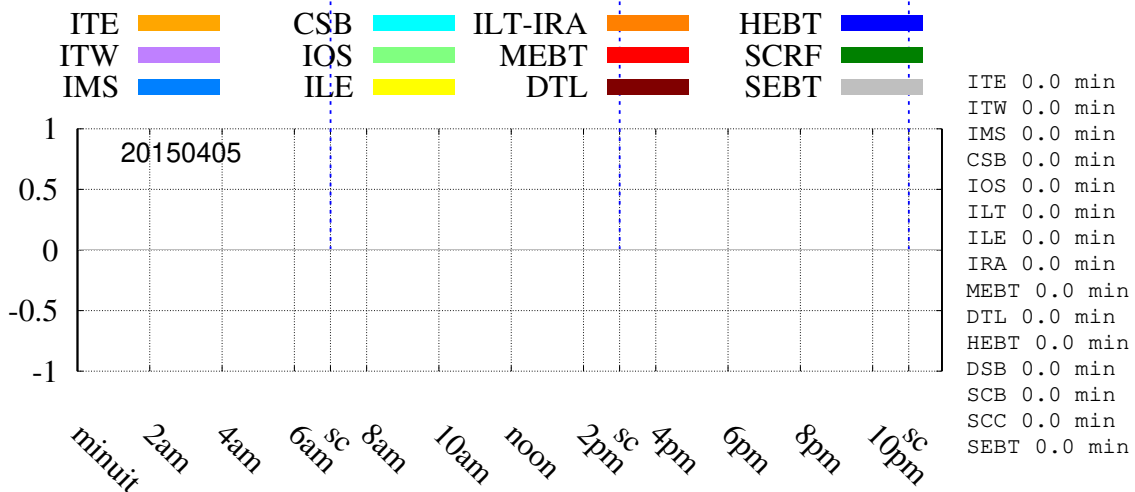


ITE	0.0 min
ITW	0.0 min
IMS	0.0 min
CSB	0.0 min
IOS	15.0 min
ILT-IRA	0.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

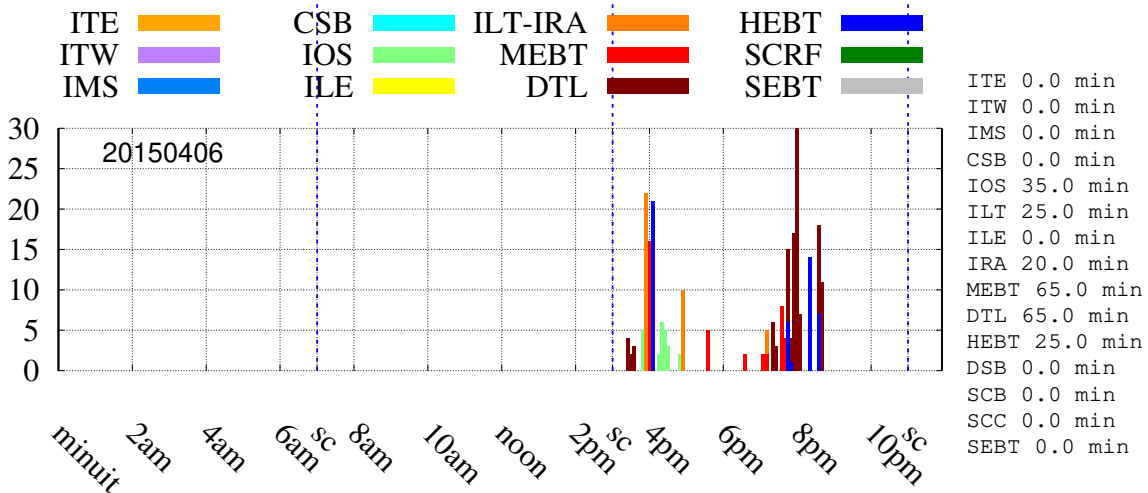
Total Commands (5min Binning)



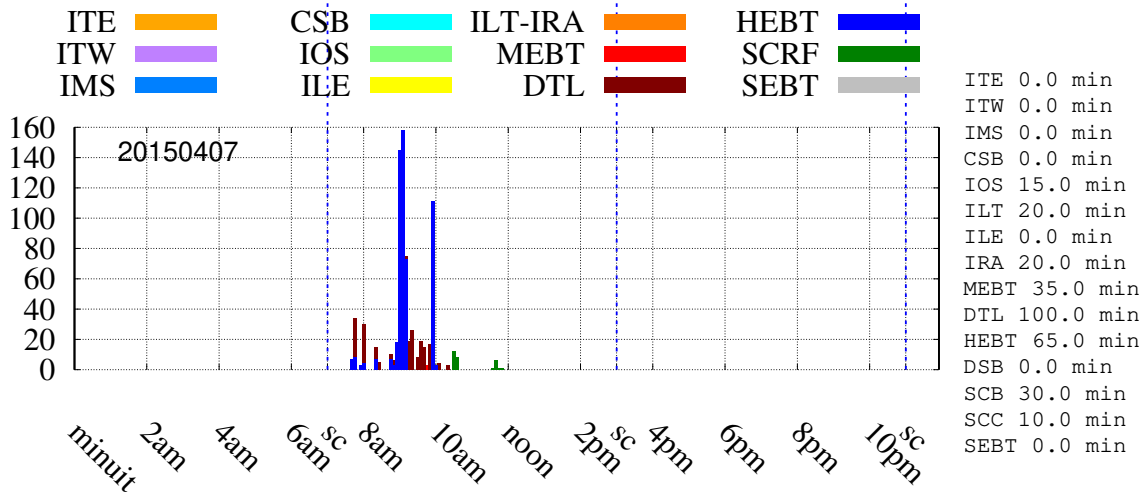
Total Commands (5min Binning)



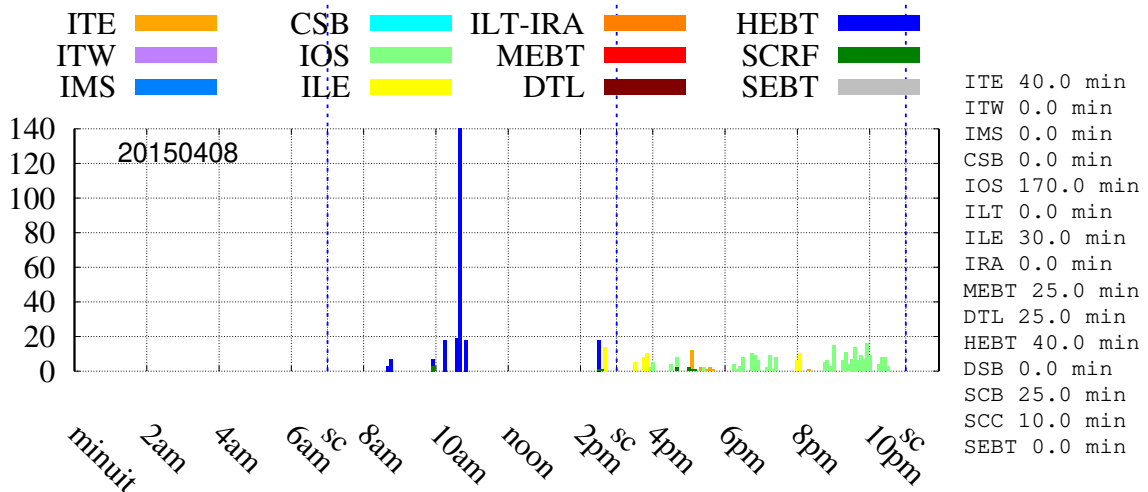
Total Commands (5min Binning)



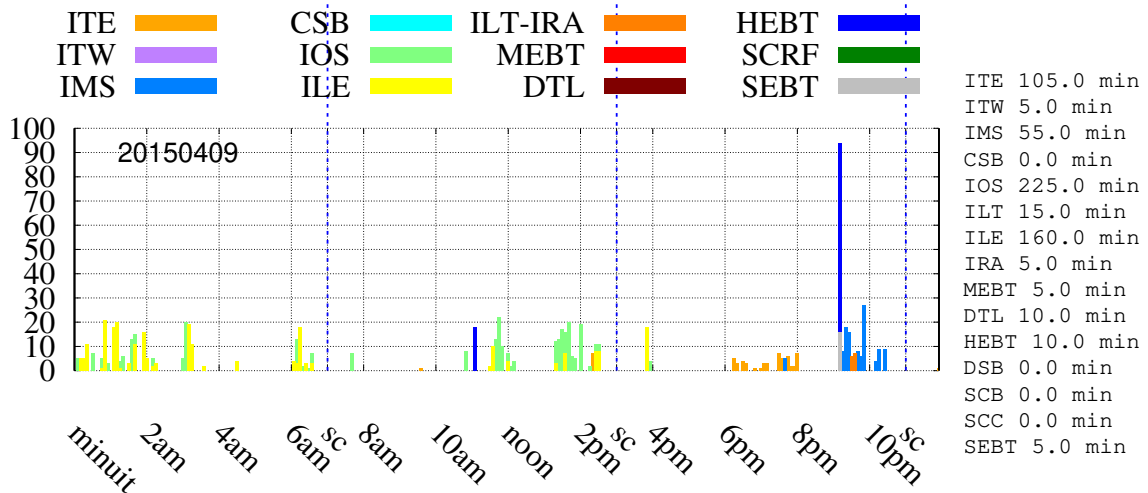
Total Commands (5min Binning)



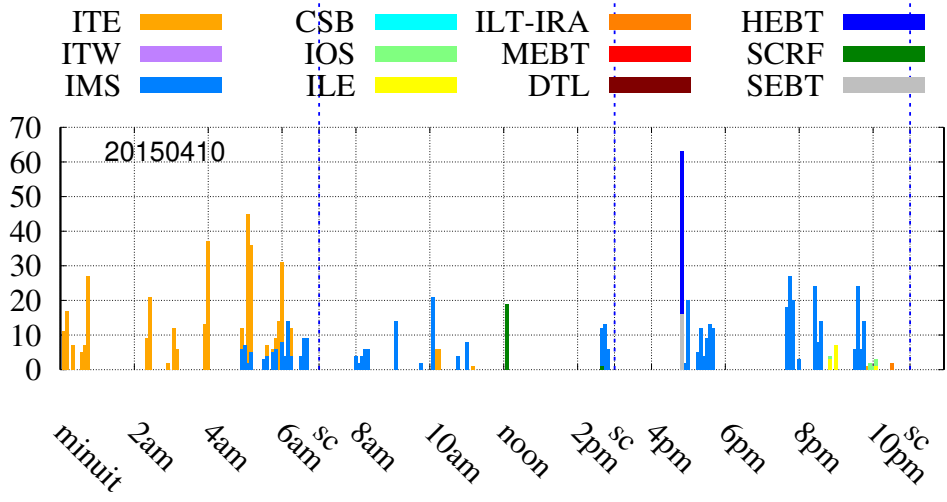
Total Commands (5min Binning)



Total Commands (5min Binning)

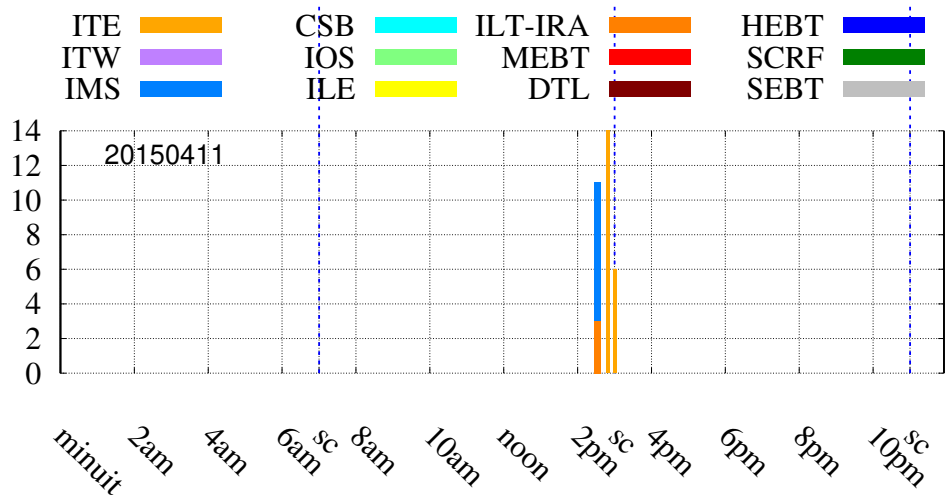


Total Commands (5min Binning)



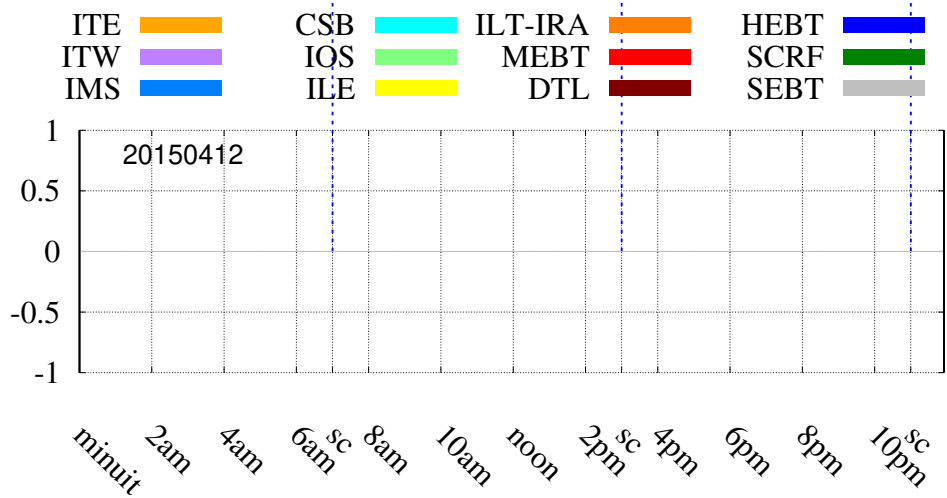
ITE	145.0 min
ITW	15.0 min
IMS	240.0 min
CSB	0.0 min
IOS	30.0 min
ILT-IRA	5.0 min
ILE	20.0 min
IRA	0.0 min
MEBT	5.0 min
DTL	5.0 min
HEBT	5.0 min
DSB	0.0 min
SCB	0.0 min
SCC	10.0 min
SEBT	5.0 min

Total Commands (5min Binning)



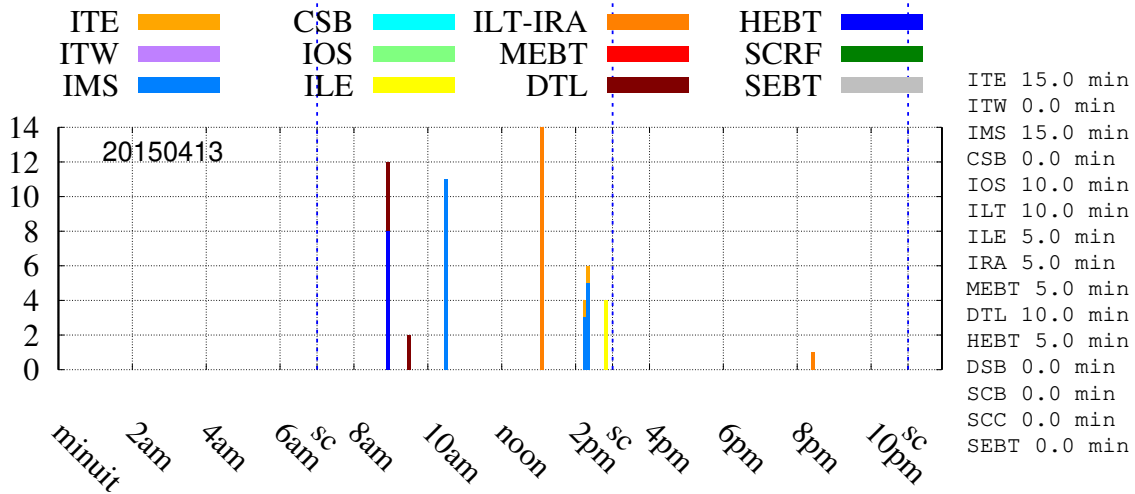
ITE	20.0 min
ITW	0.0 min
IMS	10.0 min
CSB	0.0 min
IOS	0.0 min
ILT-IRA	10.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)

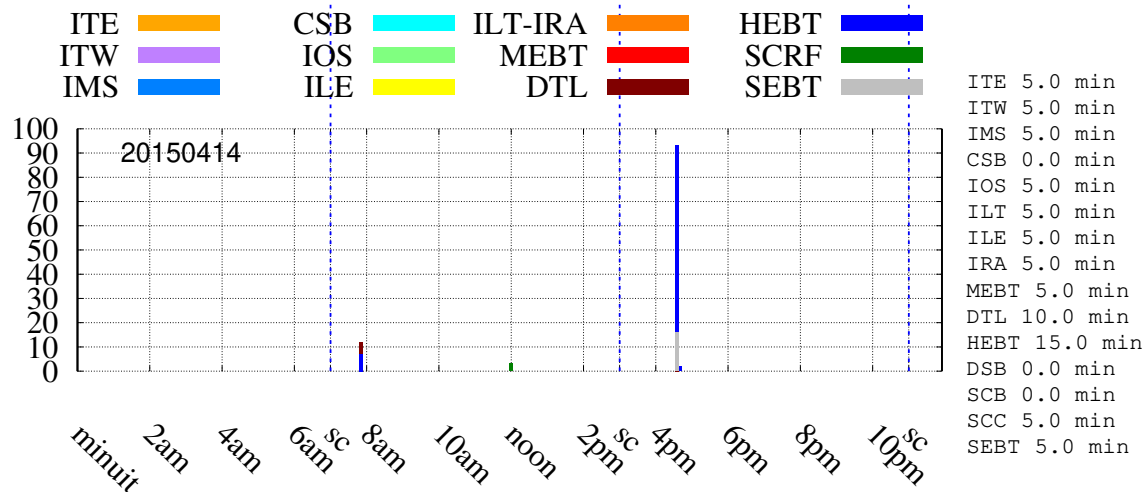


ITE	0.0 min
ITW	0.0 min
IMS	0.0 min
CSB	0.0 min
IOS	0.0 min
ILT-IRA	0.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

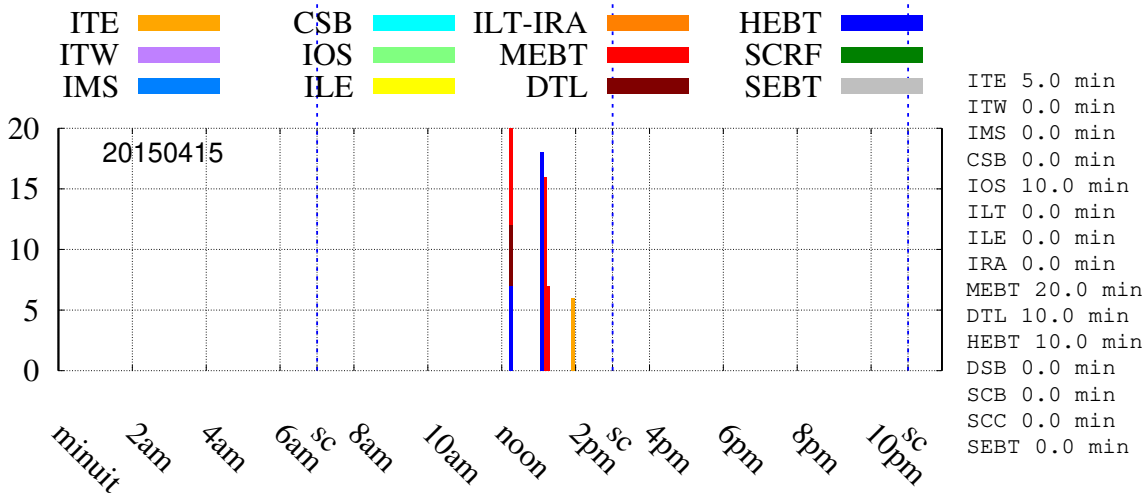
Total Commands (5min Binning)



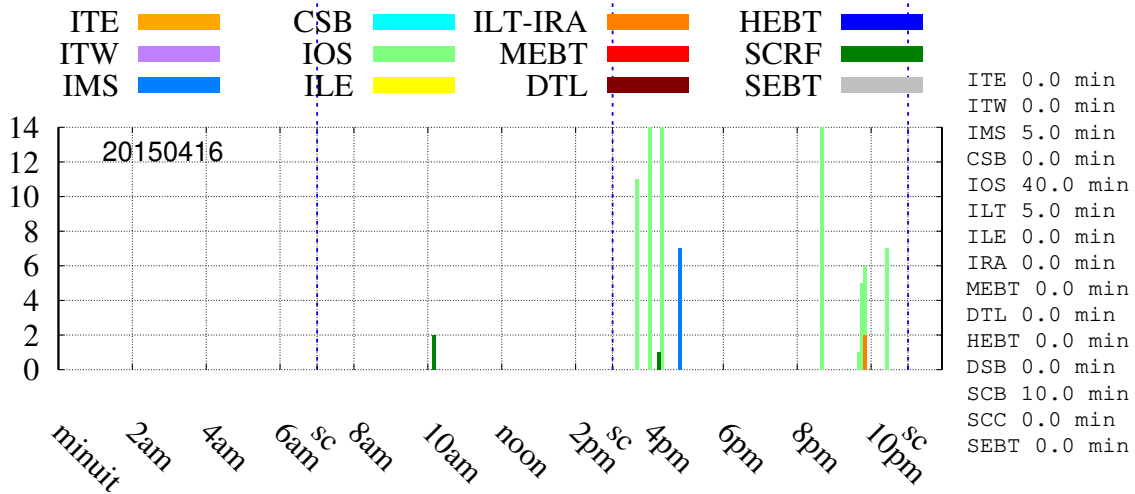
Total Commands (5min Binning)



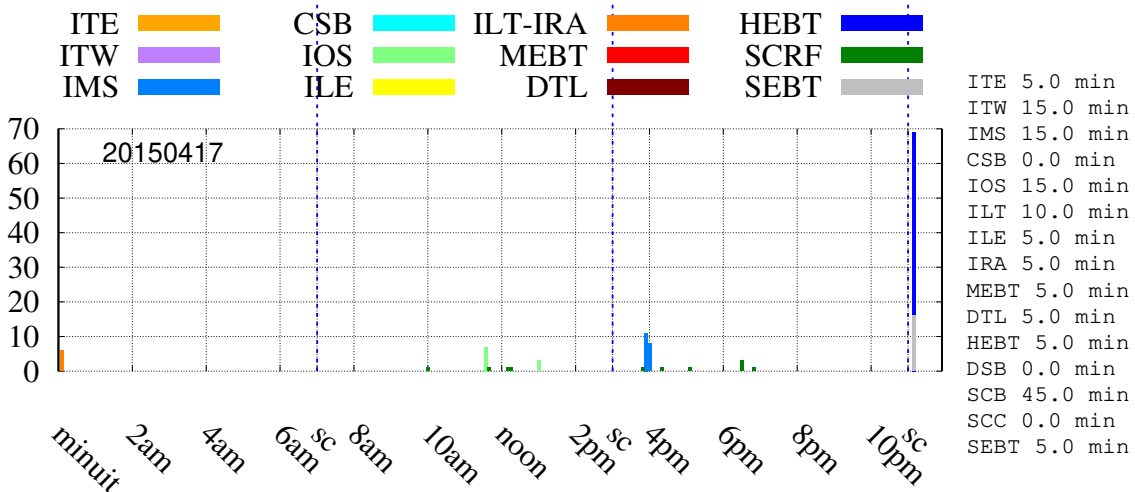
Total Commands (5min Binning)



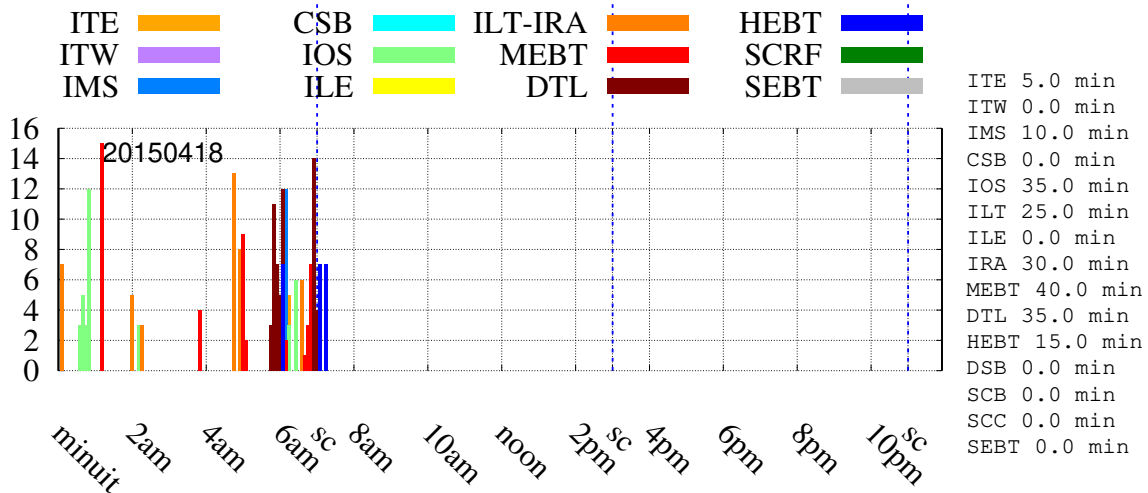
Total Commands (5min Binning)



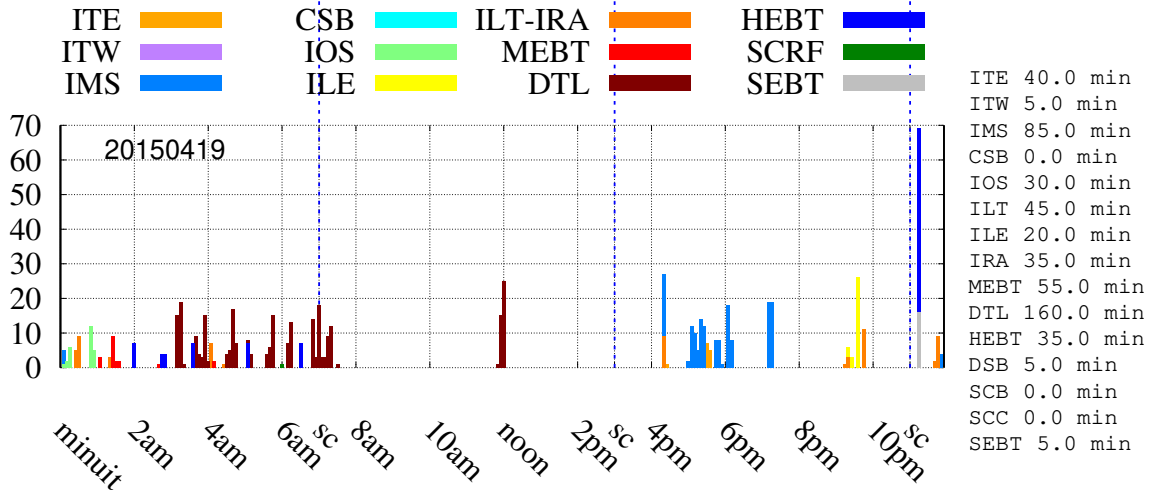
Total Commands (5min Binning)



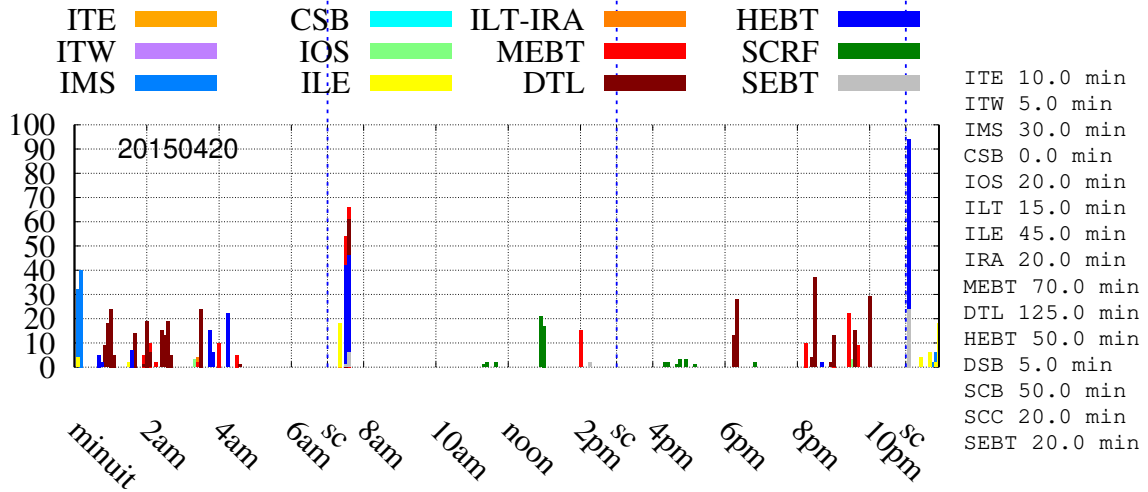
Total Commands (5min Binning)



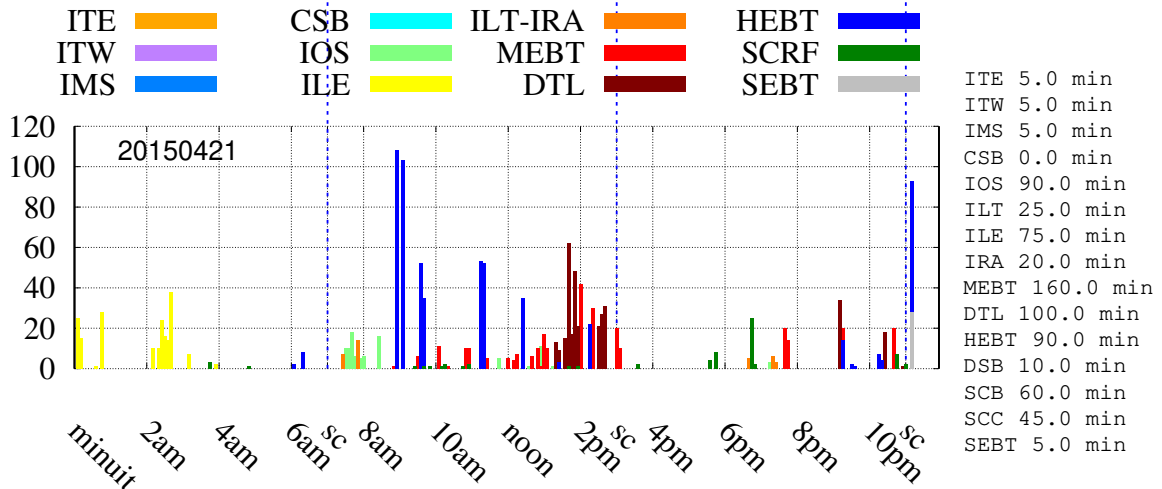
Total Commands (5min Binning)



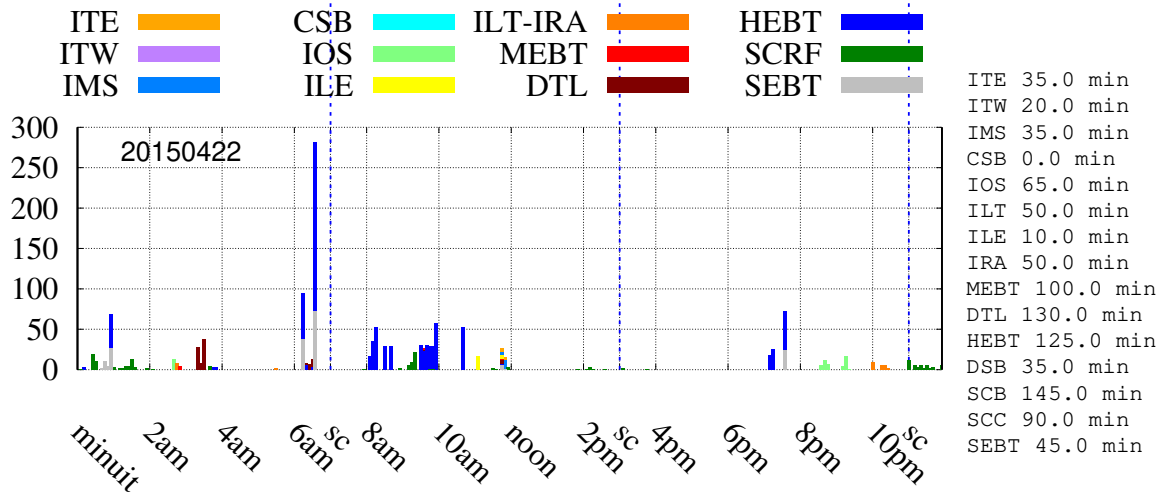
Total Commands (5min Binning)



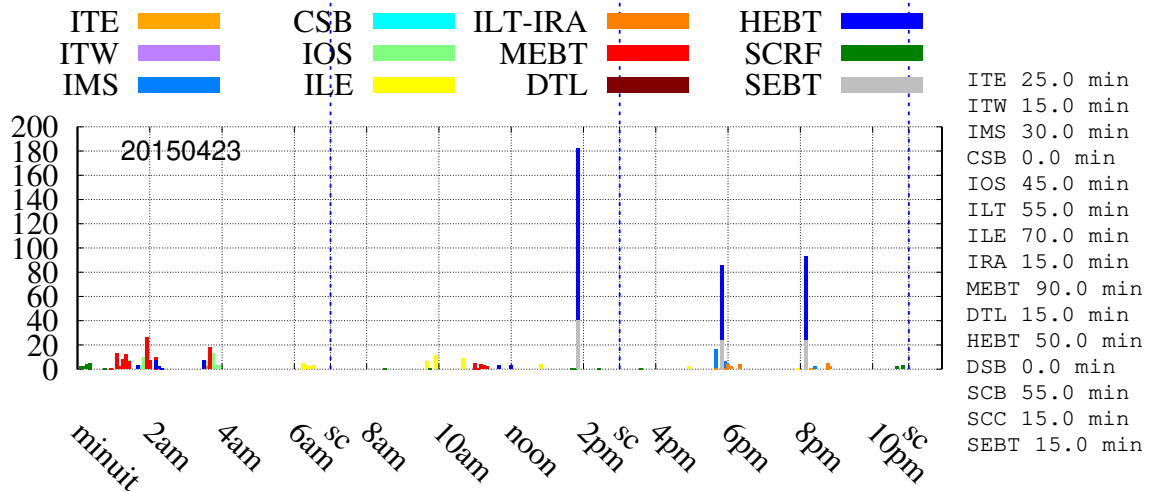
Total Commands (5min Binning)



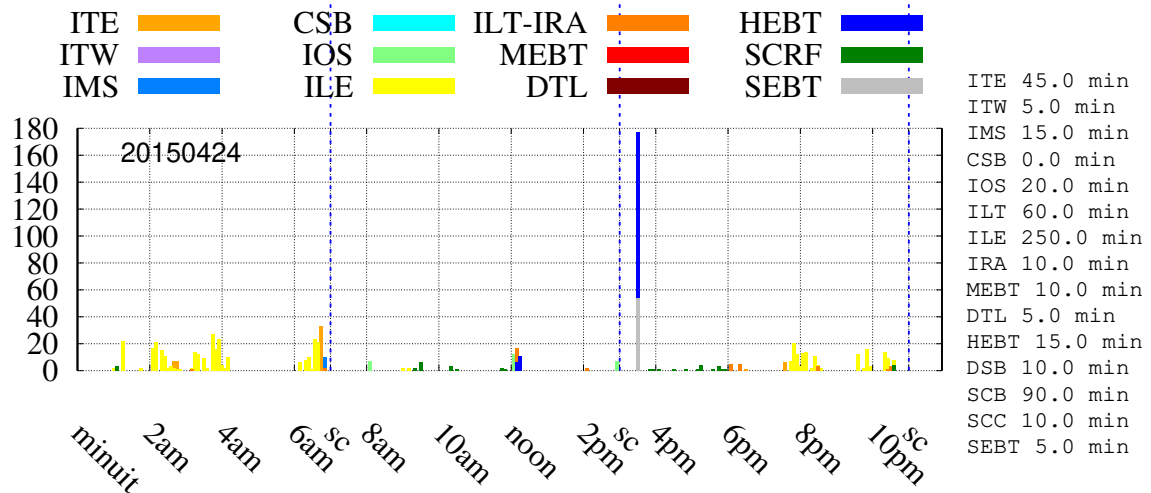
Total Commands (5min Binning)



Total Commands (5min Binning)

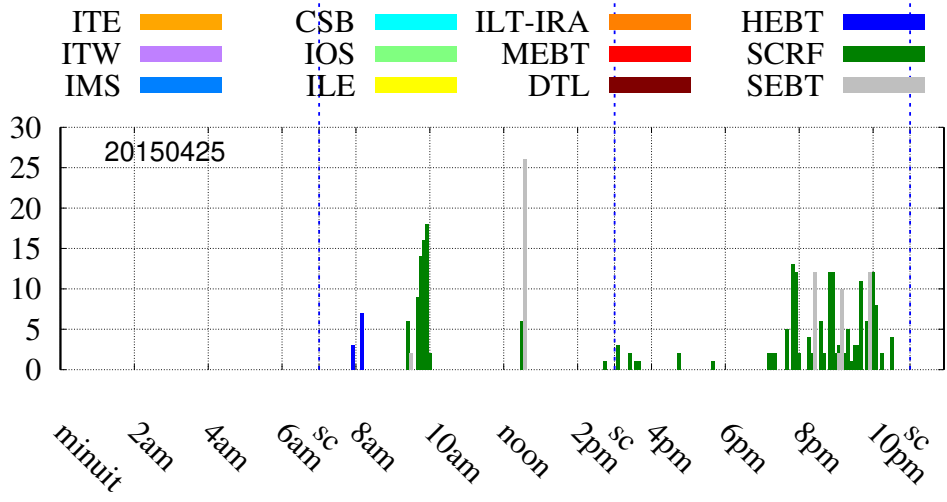


Total Commands (5min Binning)



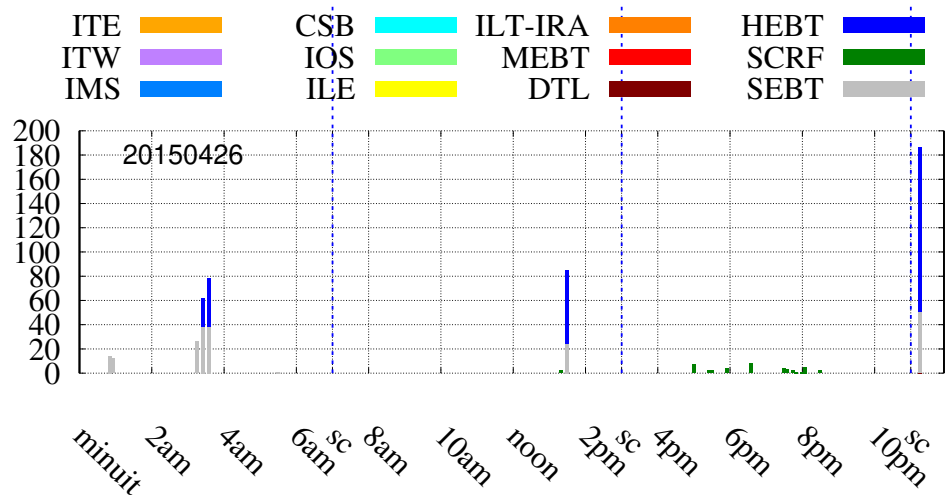


Total Commands (5min Binning)



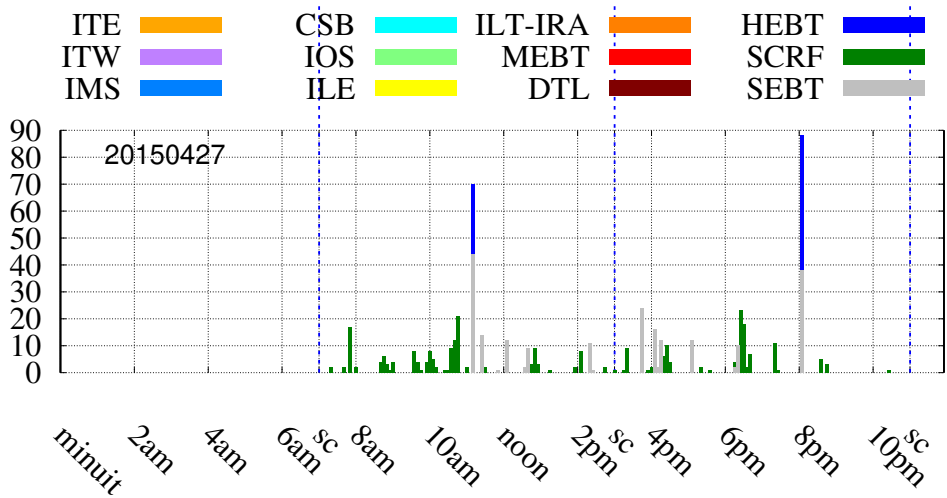
ITE 0.0 min  
 ITW 0.0 min  
 IMS 0.0 min  
 CSB 0.0 min  
 IOS 0.0 min  
 ILT 0.0 min  
 ILE 0.0 min  
 IRA 0.0 min  
 MEBT 0.0 min  
 DTL 5.0 min  
 HEBT 10.0 min  
 DSB 10.0 min  
 SCB 195.0 min  
 SCC 85.0 min  
 SEBT 30.0 min

Total Commands (5min Binning)



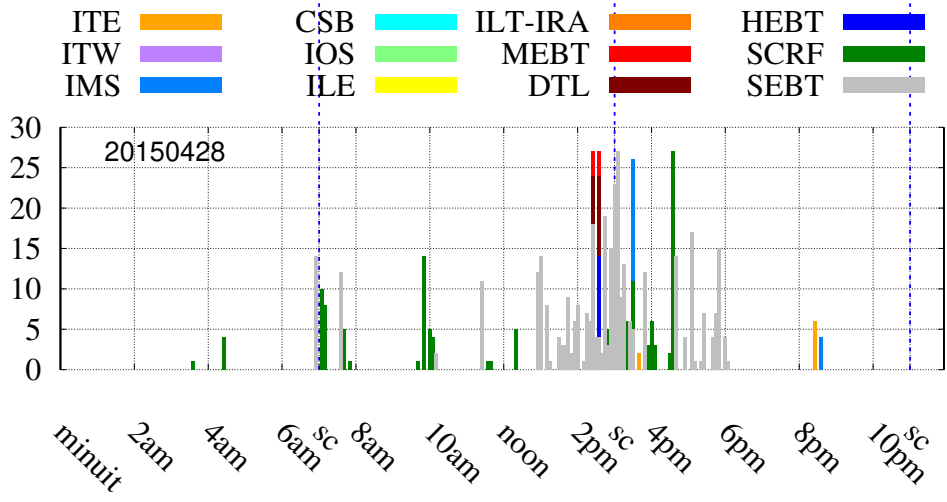
ITE 20.0 min  
 ITW 20.0 min  
 IMS 20.0 min  
 CSB 0.0 min  
 IOS 0.0 min  
 ILT 10.0 min  
 ILE 15.0 min  
 IRA 0.0 min  
 MEBT 20.0 min  
 DTL 20.0 min  
 HEBT 20.0 min  
 DSB 5.0 min  
 SCB 85.0 min  
 SCC 20.0 min  
 SEBT 40.0 min

Total Commands (5min Binning)



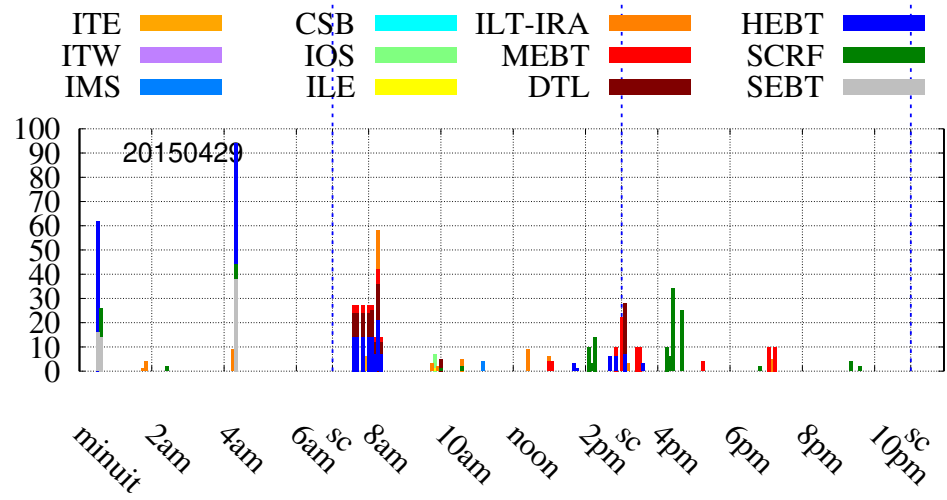
ITE 10.0 min  
 ITW 10.0 min  
 IMS 10.0 min  
 CSB 0.0 min  
 IOS 5.0 min  
 ILT 5.0 min  
 ILE 5.0 min  
 IRA 5.0 min  
 MEBT 10.0 min  
 DTL 10.0 min  
 HEBT 10.0 min  
 DSB 10.0 min  
 SCB 245.0 min  
 SCC 120.0 min  
 SEBT 80.0 min

Total Commands (5min Binning)



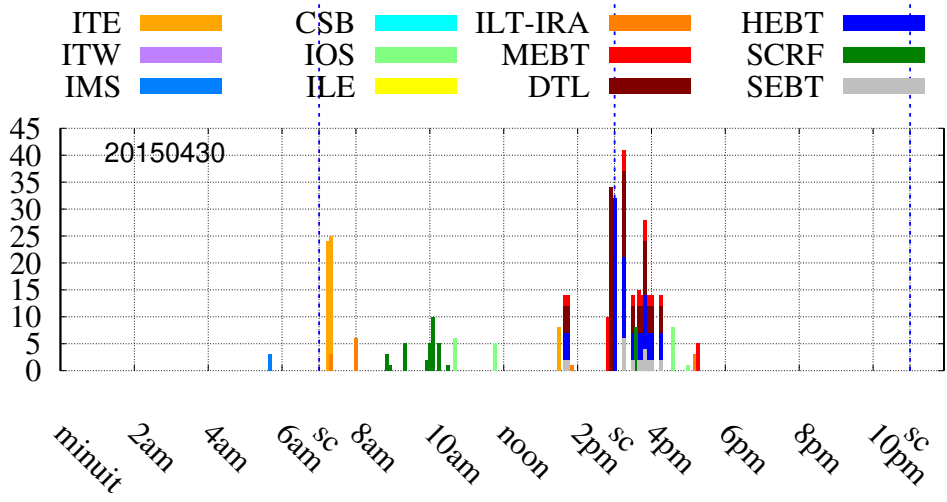
ITE	15.0 min
ITW	0.0 min
IMS	10.0 min
CSB	0.0 min
IOS	5.0 min
ILT-IRA	15.0 min
ILE	0.0 min
IRA	5.0 min
MEBT	10.0 min
DTL	10.0 min
HEBT	10.0 min
DSB	5.0 min
SCB	80.0 min
SCC	95.0 min
SEBT	215.0 min

Total Commands (5min Binning)

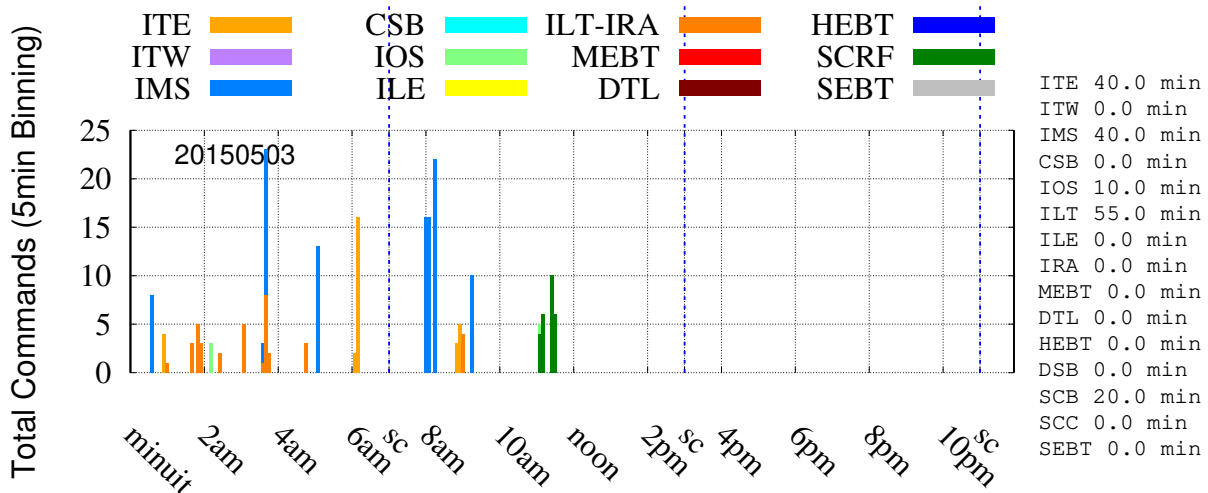
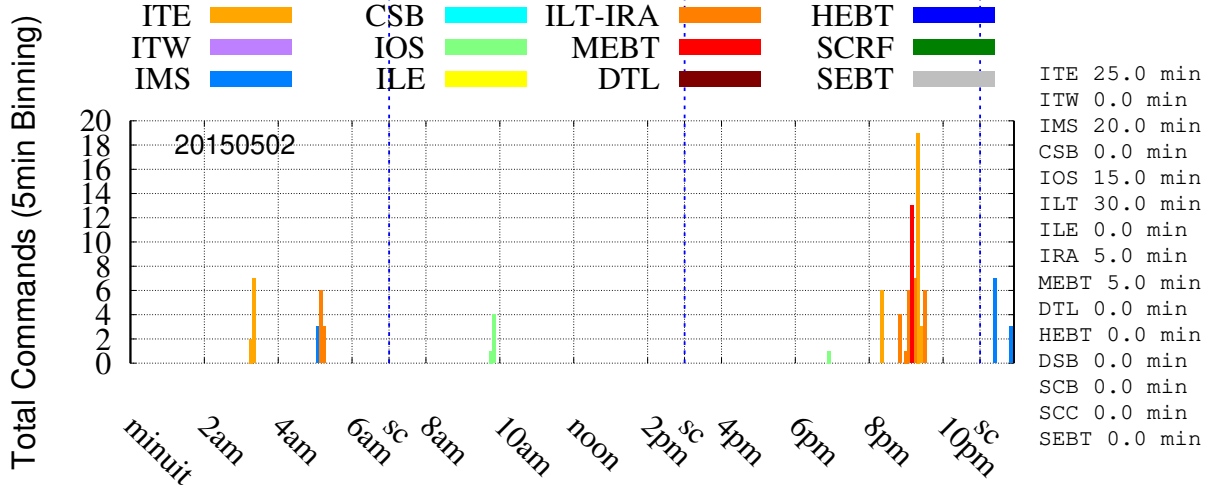
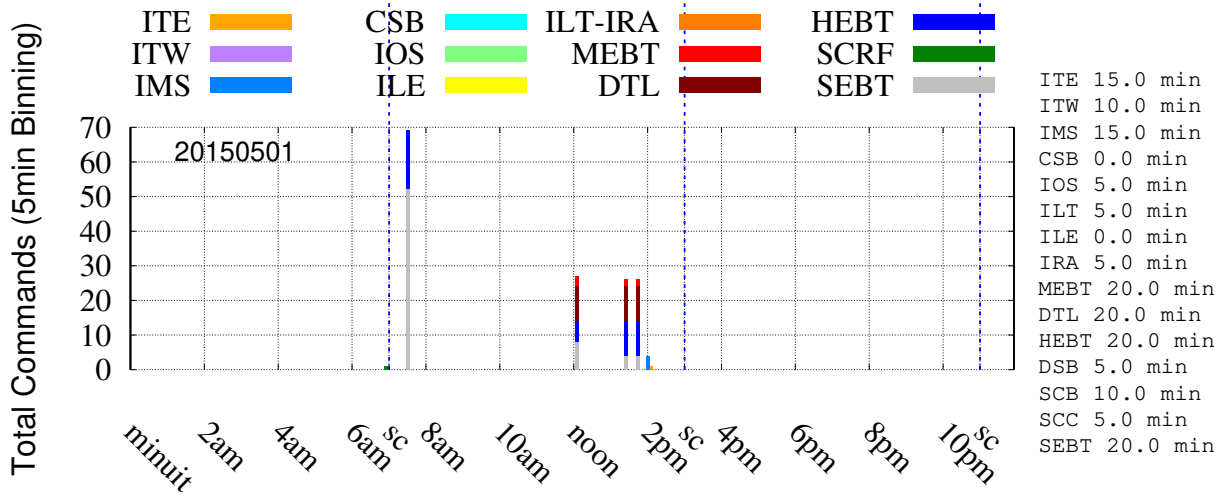


ITE	55.0 min
ITW	10.0 min
IMS	55.0 min
CSB	0.0 min
IOS	15.0 min
ILT-IRA	60.0 min
ILE	5.0 min
IRA	35.0 min
MEBT	100.0 min
DTL	60.0 min
HEBT	80.0 min
DSB	50.0 min
SCB	20.0 min
SCC	25.0 min
SEBT	15.0 min

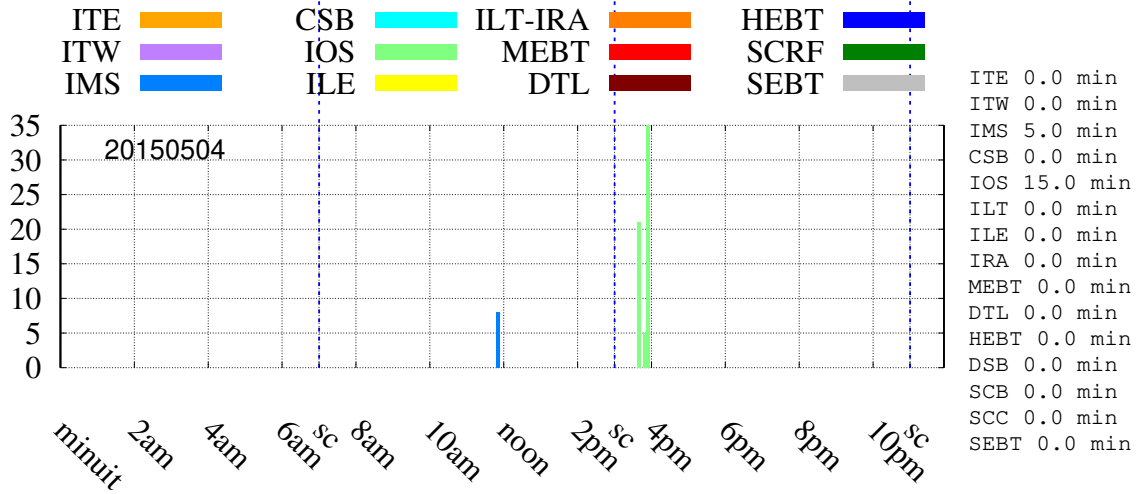
Total Commands (5min Binning)



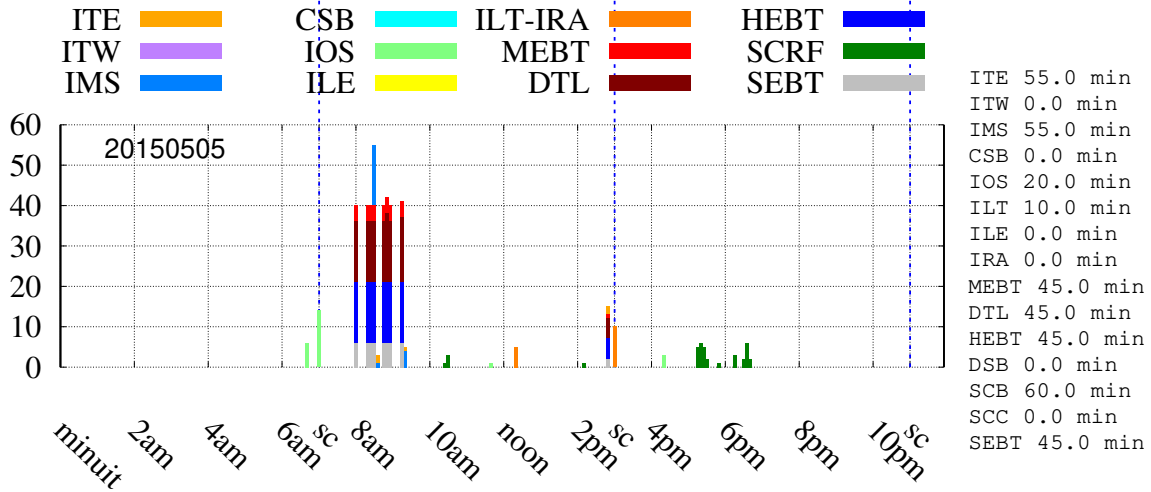
ITE	65.0 min
ITW	0.0 min
IMS	65.0 min
CSB	0.0 min
IOS	20.0 min
ILT-IRA	30.0 min
ILE	0.0 min
IRA	5.0 min
MEBT	65.0 min
DTL	60.0 min
HEBT	55.0 min
DSB	0.0 min
SCB	5.0 min
SCC	40.0 min
SEBT	50.0 min



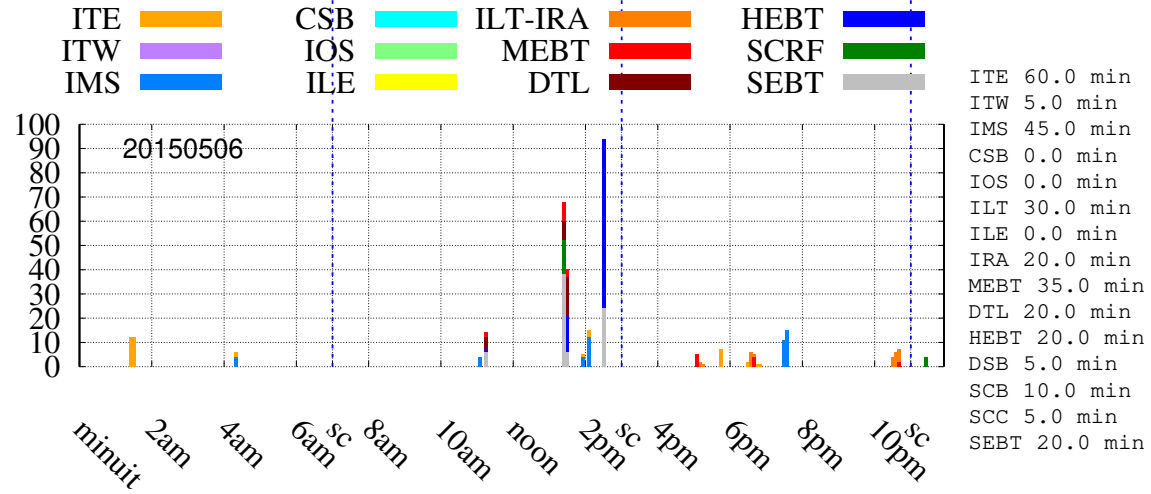
Total Commands (5min Binning)



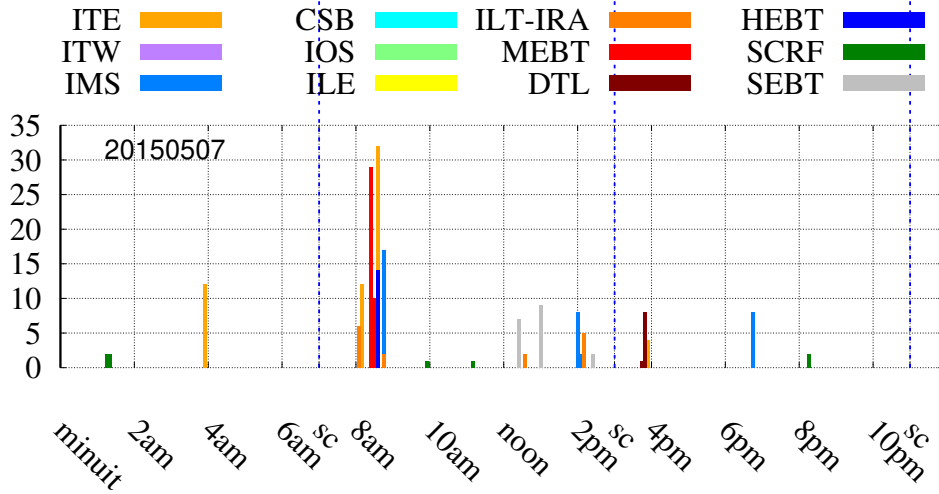
Total Commands (5min Binning)



Total Commands (5min Binning)

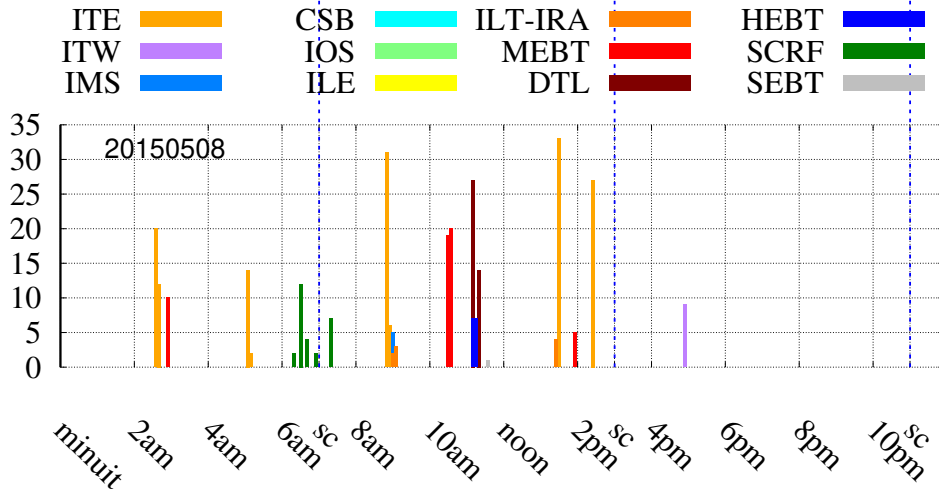


Total Commands (5min Binning)



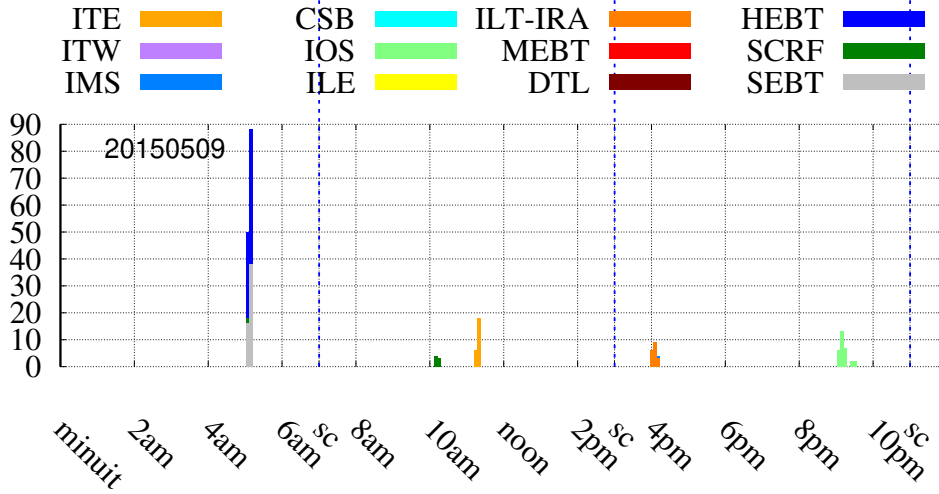
ITE 30.0 min  
 ITW 0.0 min  
 IMS 20.0 min  
 CSB 0.0 min  
 IOS 0.0 min  
 ILT 20.0 min  
 ILE 0.0 min  
 IRA 0.0 min  
 MEBT 10.0 min  
 DTL 10.0 min  
 HEBT 5.0 min  
 DSB 0.0 min  
 SCB 20.0 min  
 SCC 5.0 min  
 SEBT 15.0 min

Total Commands (5min Binning)



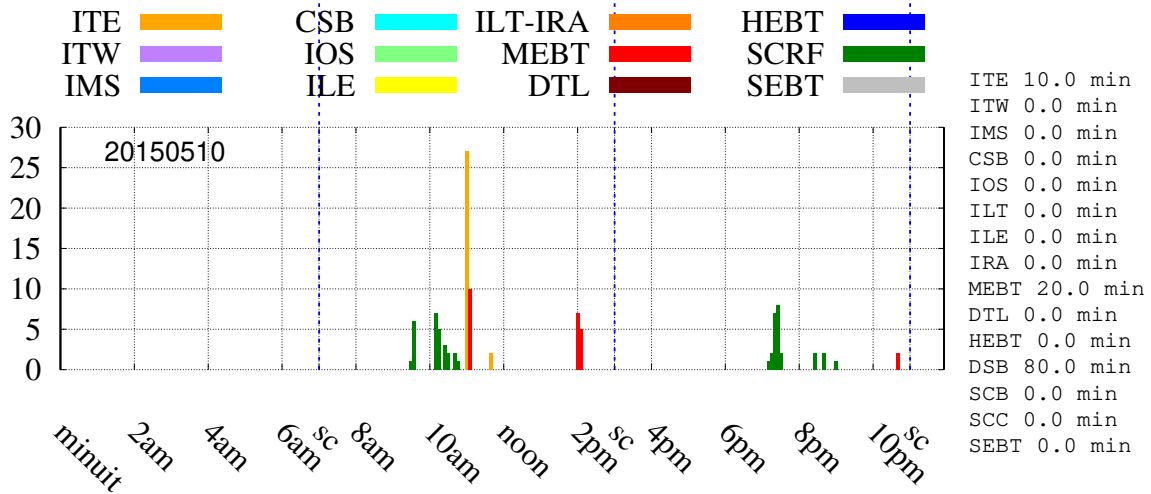
ITE 40.0 min  
 ITW 5.0 min  
 IMS 5.0 min  
 CSB 0.0 min  
 IOS 0.0 min  
 ILT 10.0 min  
 ILE 0.0 min  
 IRA 5.0 min  
 MEBT 20.0 min  
 DTL 10.0 min  
 HEBT 10.0 min  
 DSB 0.0 min  
 SCB 25.0 min  
 SCC 0.0 min  
 SEBT 5.0 min

Total Commands (5min Binning)

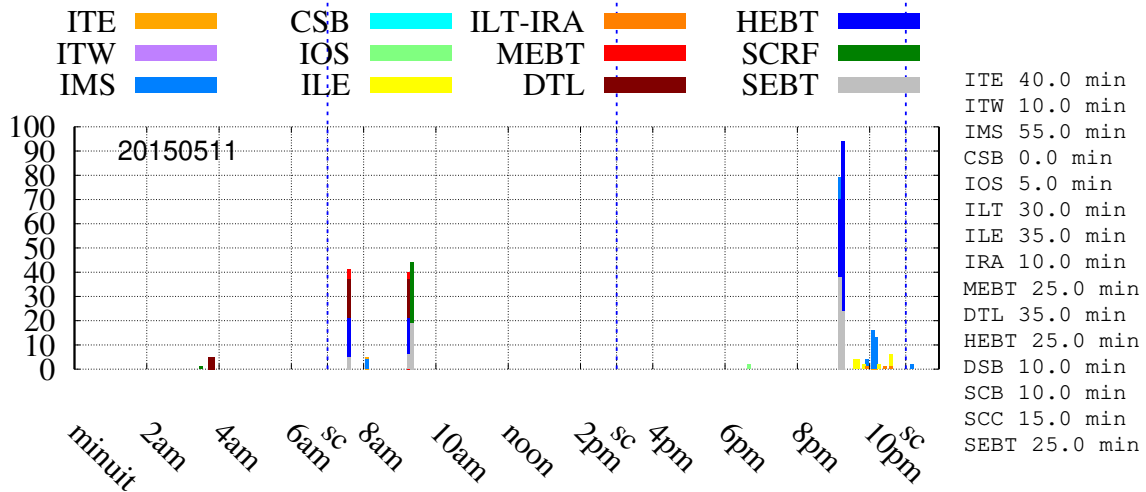


ITE 20.0 min  
 ITW 10.0 min  
 IMS 15.0 min  
 CSB 0.0 min  
 IOS 25.0 min  
 ILT 20.0 min  
 ILE 0.0 min  
 IRA 5.0 min  
 MEBT 10.0 min  
 DTL 5.0 min  
 HEBT 10.0 min  
 DSB 10.0 min  
 SCB 20.0 min  
 SCC 5.0 min  
 SEBT 10.0 min

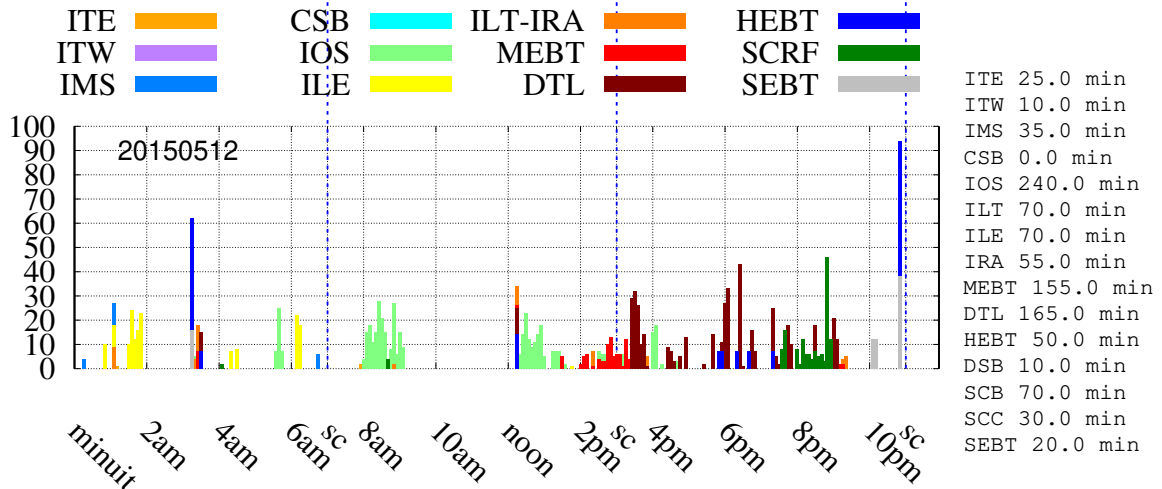
Total Commands (5min Binning)



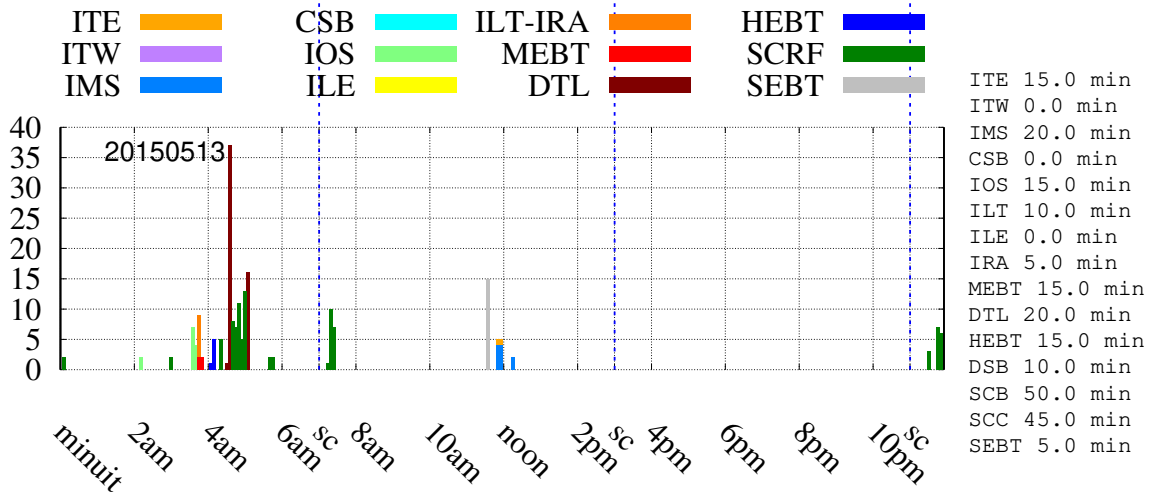
Total Commands (5min Binning)



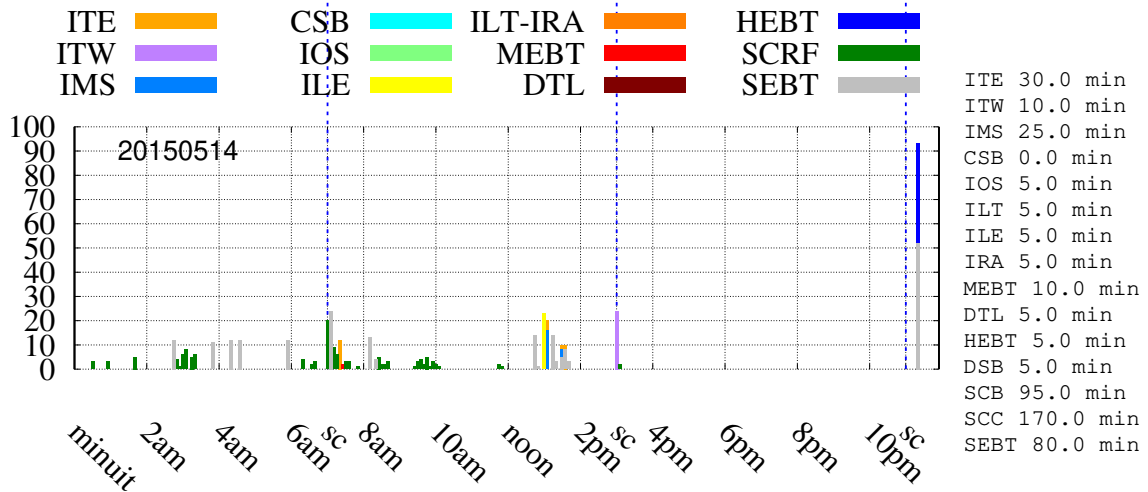
Total Commands (5min Binning)



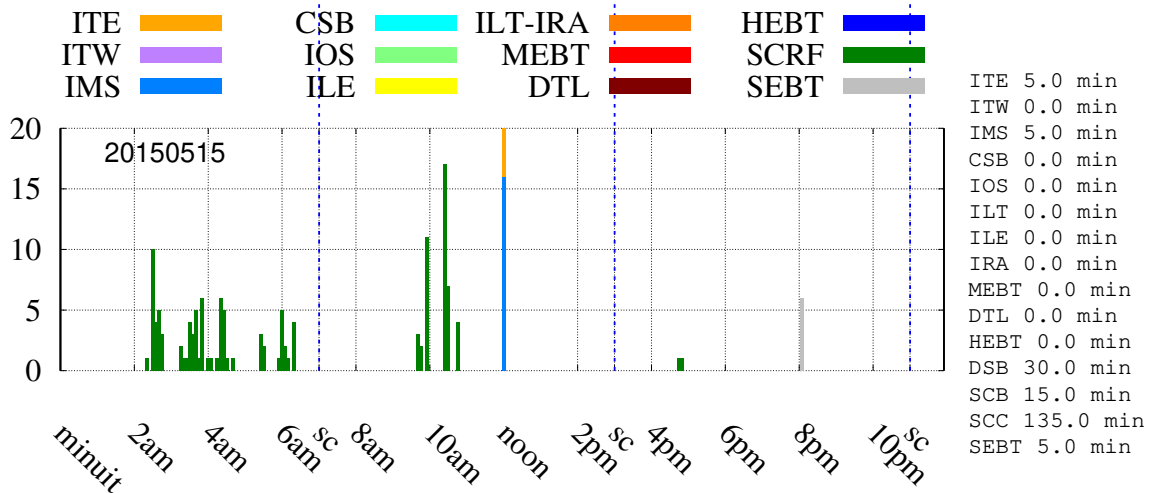
Total Commands (5min Binning)



Total Commands (5min Binning)



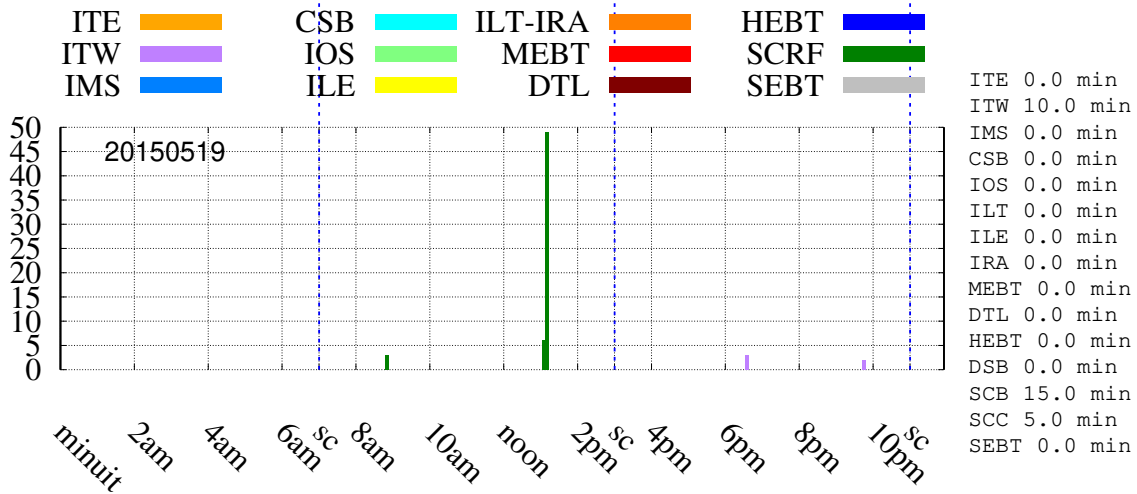
Total Commands (5min Binning)



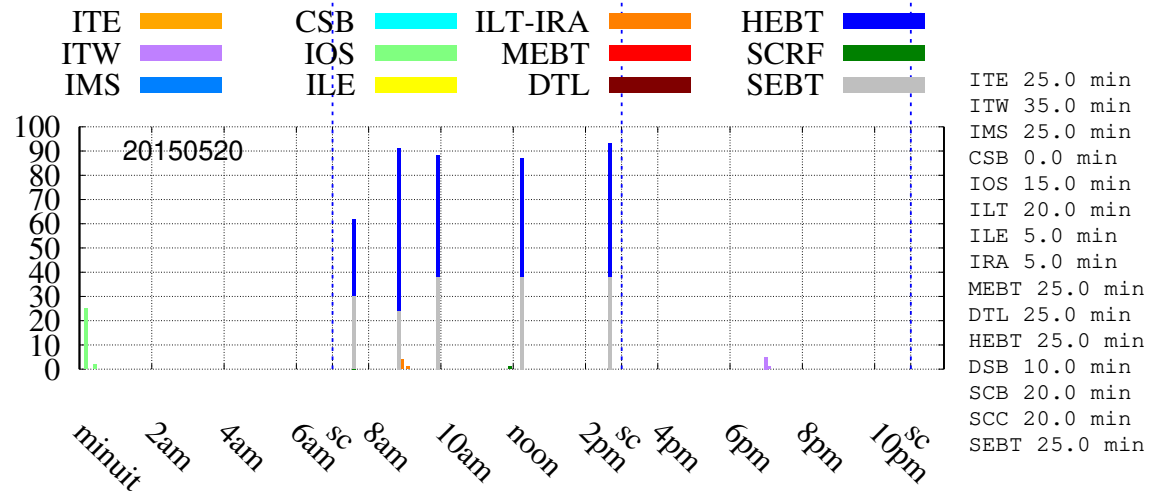




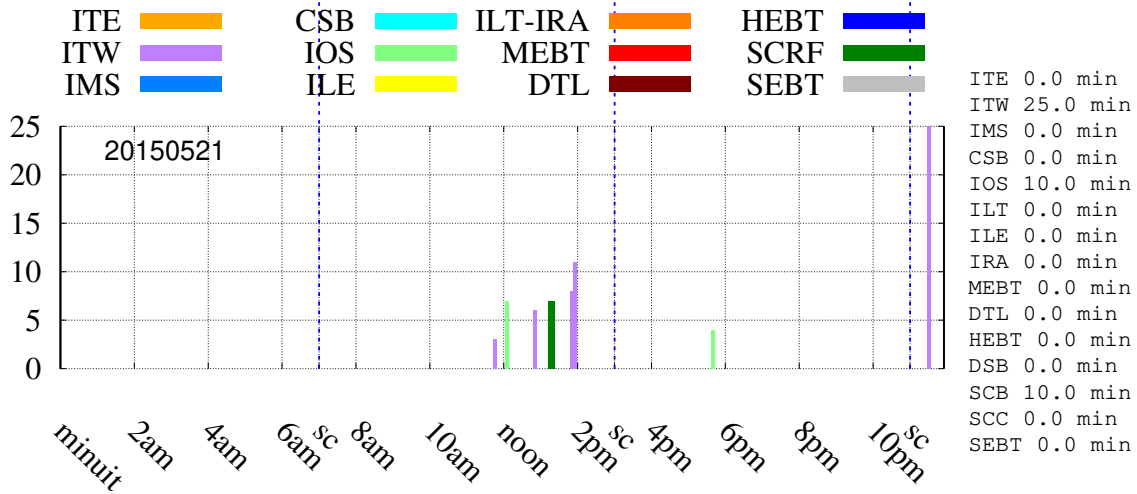
Total Commands (5min Binning)



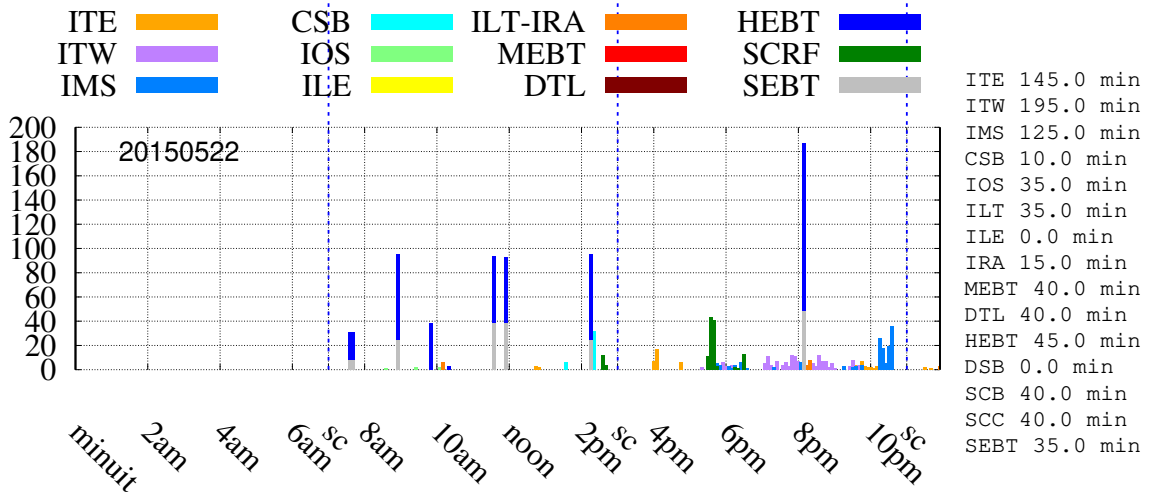
Total Commands (5min Binning)



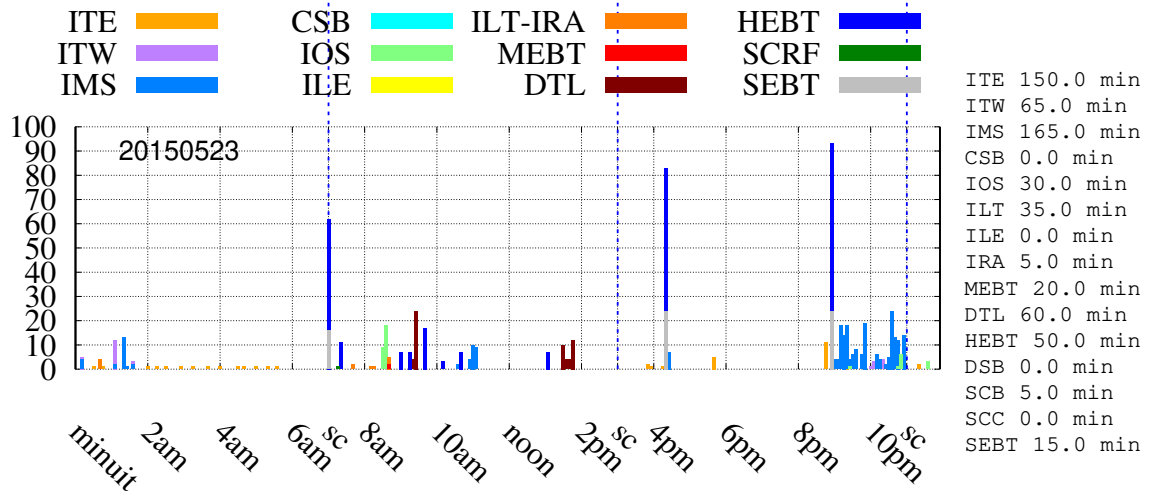
Total Commands (5min Binning)



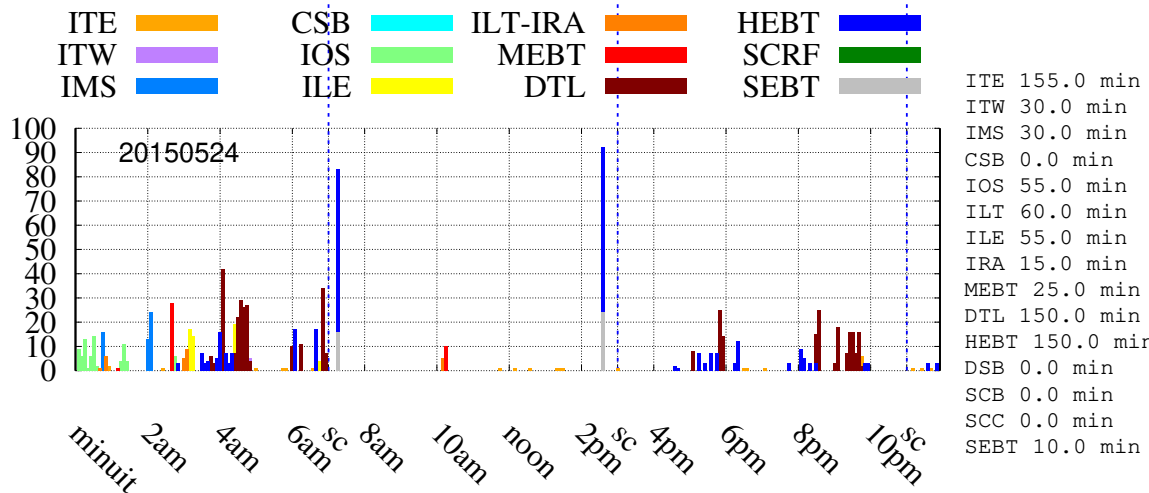
Total Commands (5min Binning)



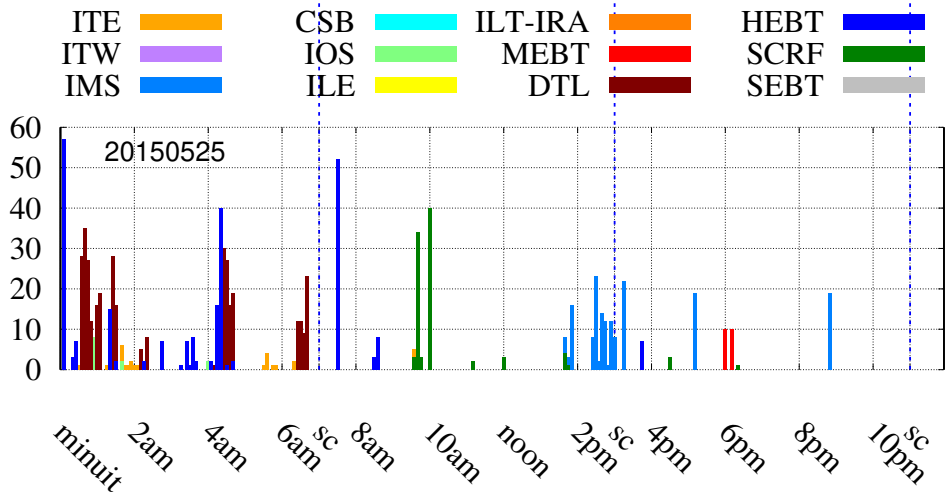
Total Commands (5min Binning)



Total Commands (5min Binning)

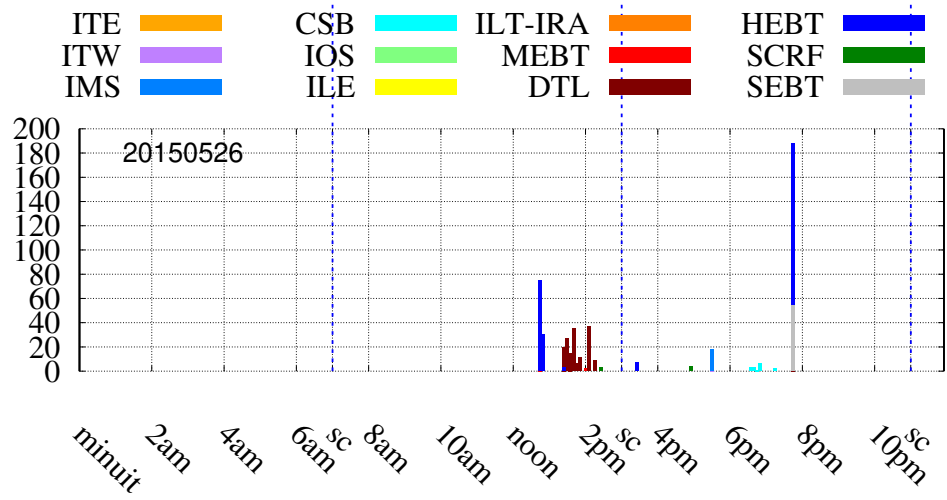


Total Commands (5min Binning)



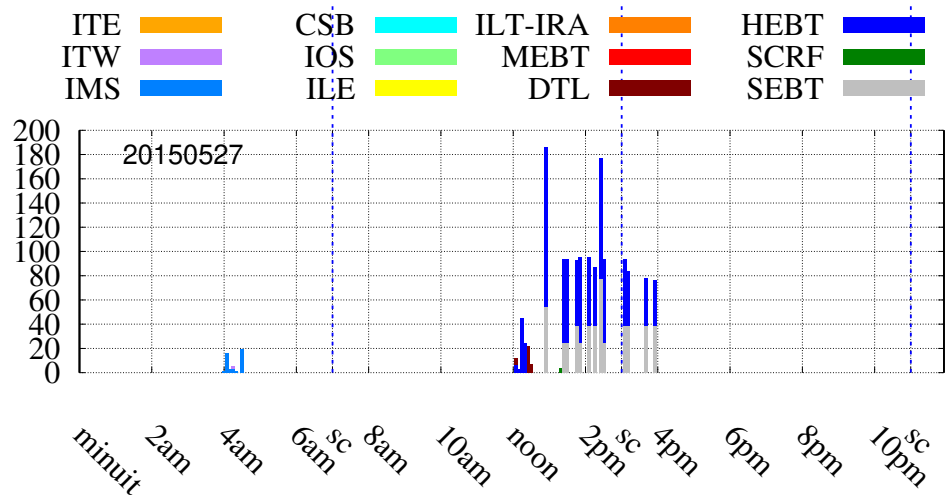
ITE 95.0 min  
 ITW 20.0 min  
 IMS 70.0 min  
 CSB 0.0 min  
 IOS 20.0 min  
 ILT 0.0 min  
 ILE 0.0 min  
 IRA 5.0 min  
 MEBT 20.0 min  
 DTL 120.0 min  
 HEBT 105.0 min  
 DSB 0.0 min  
 SCB 40.0 min  
 SCC 20.0 min  
 SEBT 0.0 min

Total Commands (5min Binning)



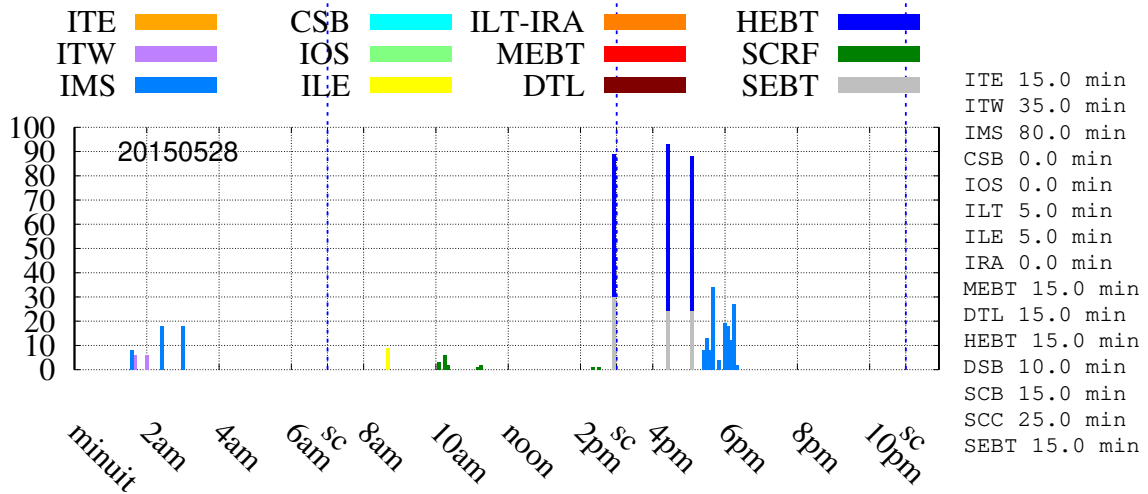
ITE 5.0 min  
 ITW 10.0 min  
 IMS 10.0 min  
 CSB 25.0 min  
 IOS 5.0 min  
 ILT 5.0 min  
 ILE 0.0 min  
 IRA 5.0 min  
 MEBT 15.0 min  
 DTL 55.0 min  
 HEBT 25.0 min  
 DSB 0.0 min  
 SCB 10.0 min  
 SCC 10.0 min  
 SEBT 5.0 min

Total Commands (5min Binning)

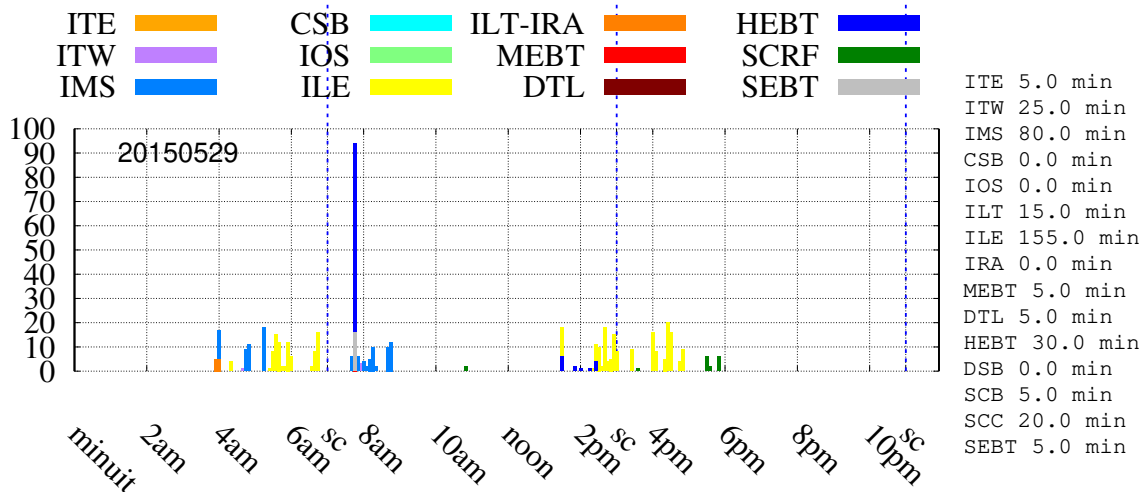


ITE 65.0 min  
 ITW 75.0 min  
 IMS 95.0 min  
 CSB 0.0 min  
 IOS 35.0 min  
 ILT 30.0 min  
 ILE 5.0 min  
 IRA 30.0 min  
 MEBT 70.0 min  
 DTL 90.0 min  
 HEBT 85.0 min  
 DSB 0.0 min  
 SCB 50.0 min  
 SCC 45.0 min  
 SEBT 65.0 min

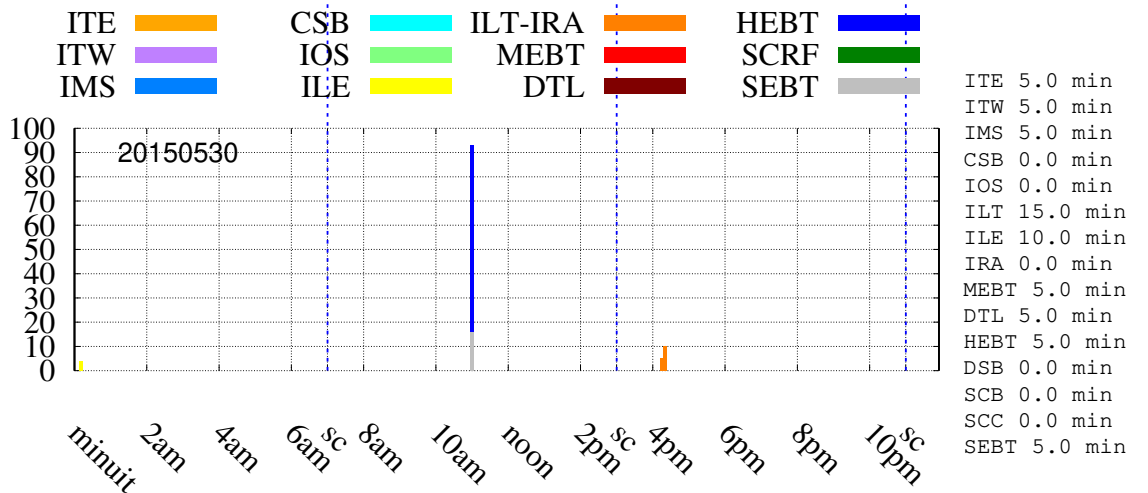
Total Commands (5min Binning)



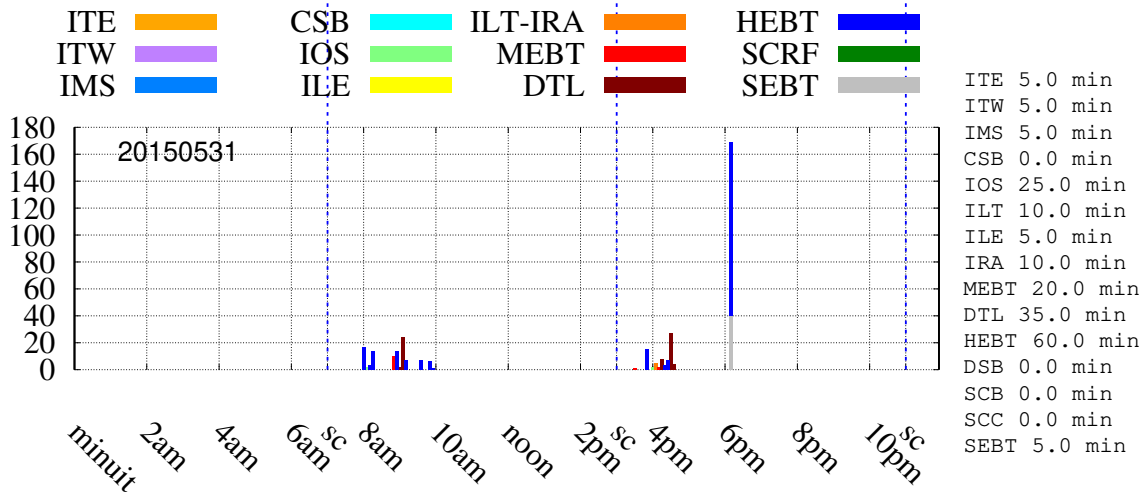
Total Commands (5min Binning)



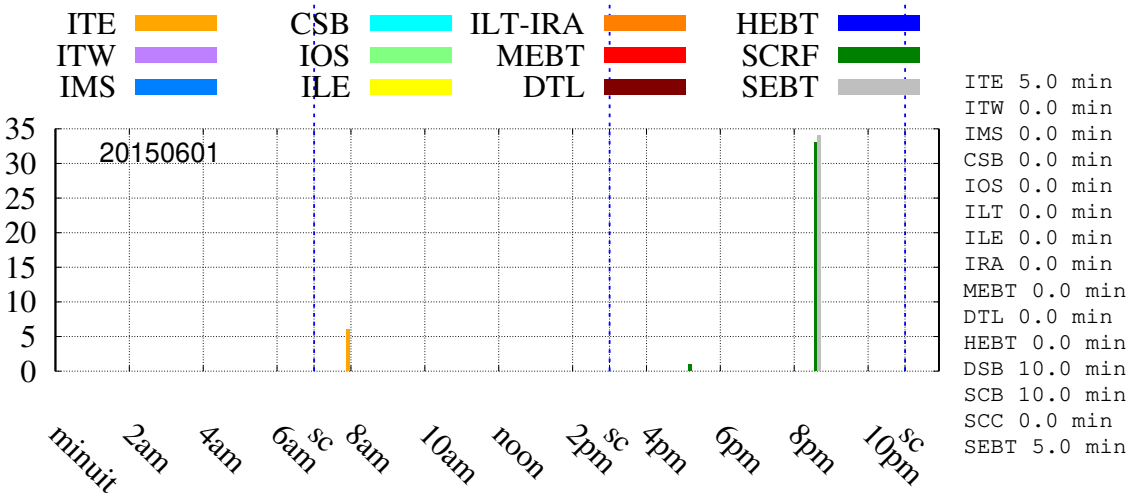
Total Commands (5min Binning)



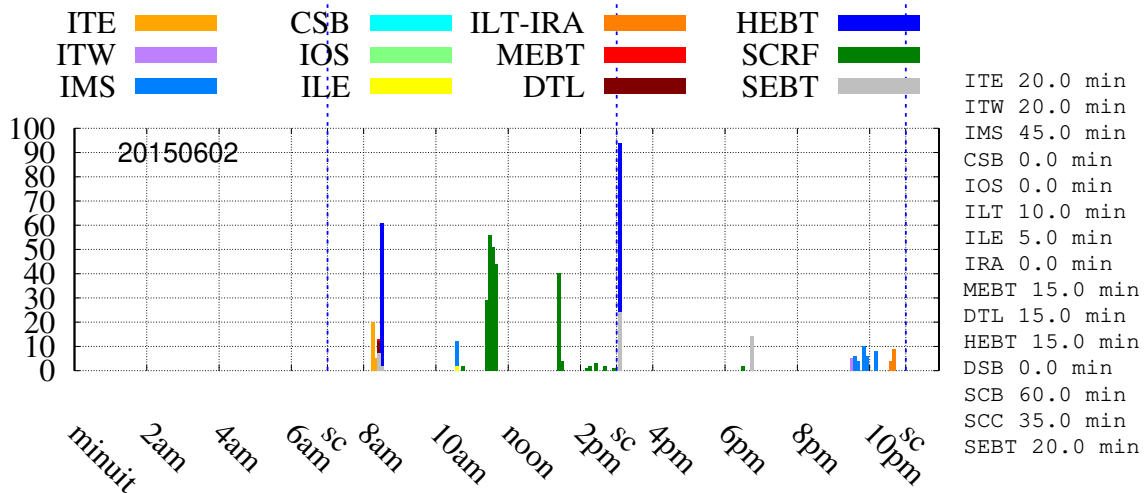
Total Commands (5min Binning)



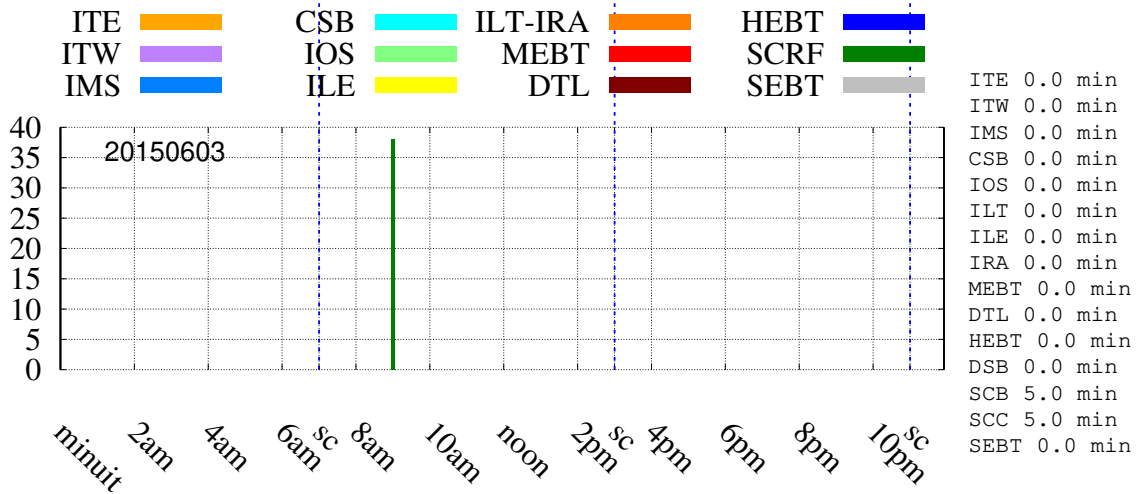
Total Commands (5min Binning)



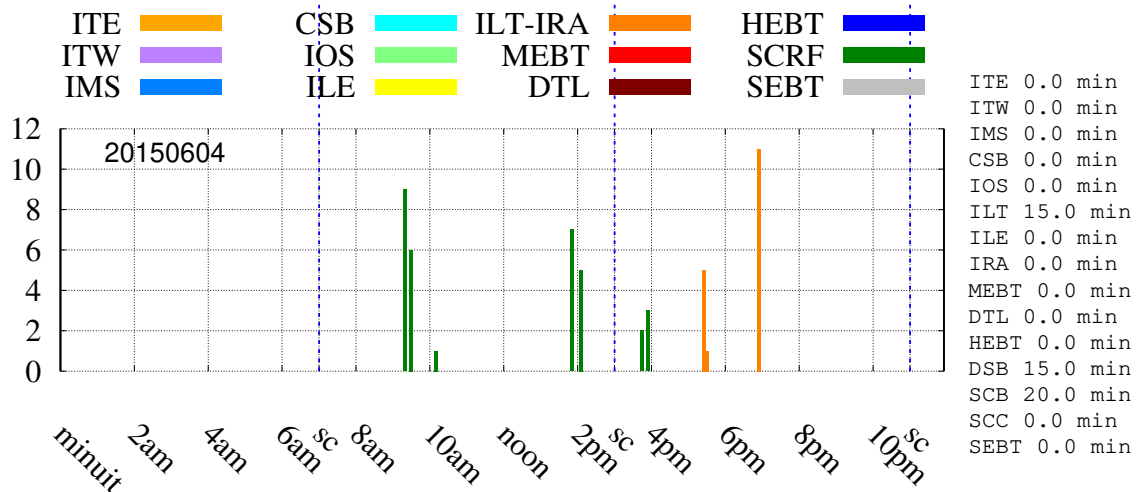
Total Commands (5min Binning)



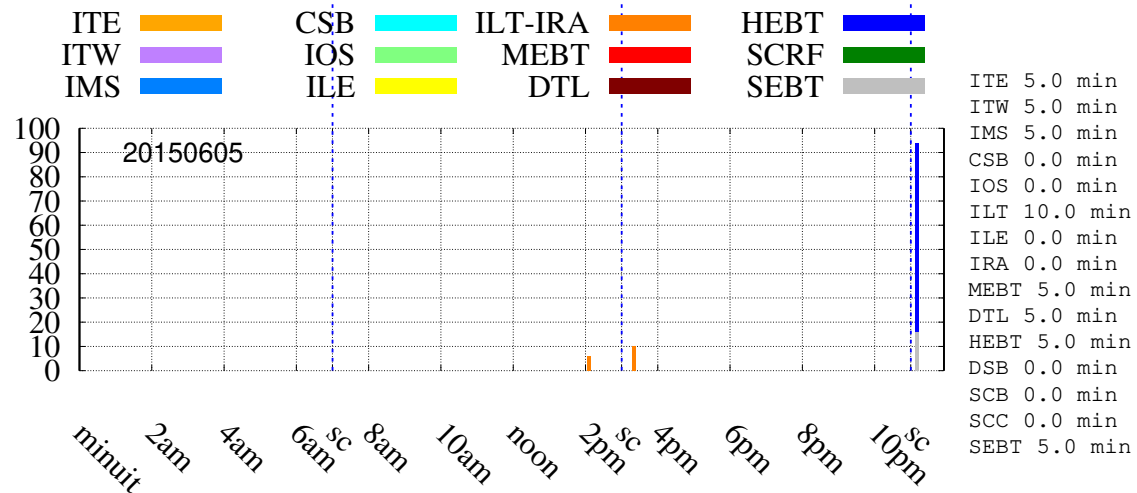
Total Commands (5min Binning)



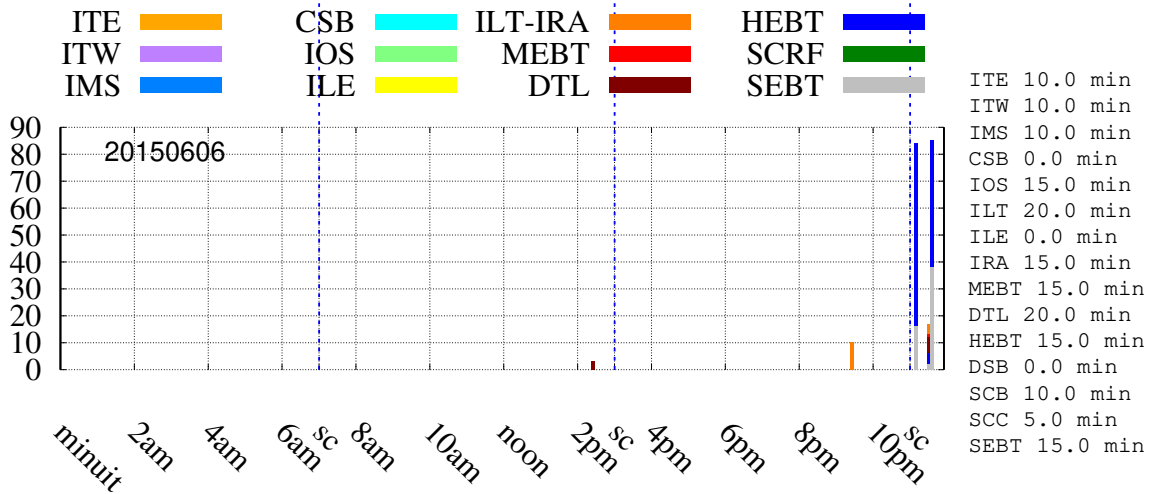
Total Commands (5min Binning)



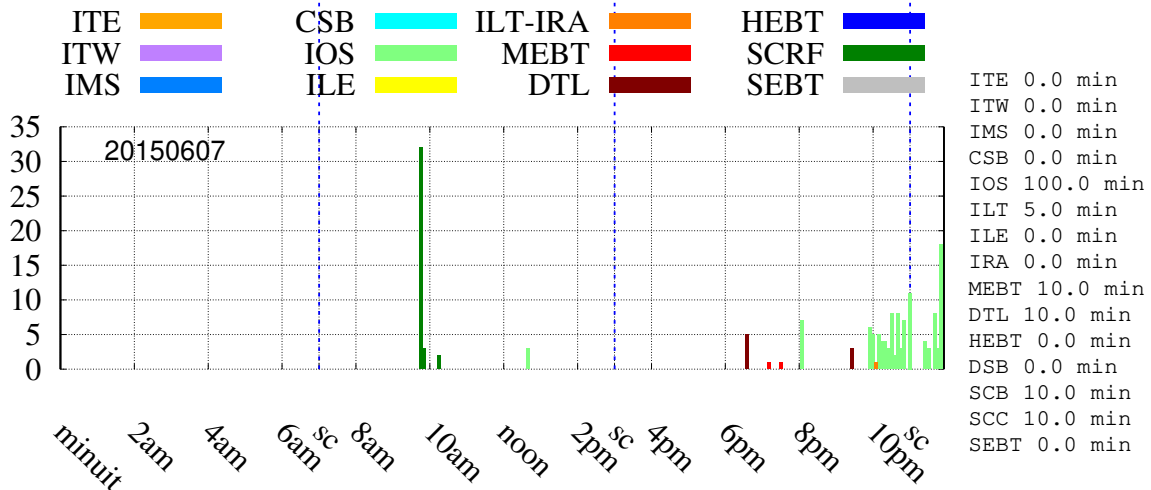
Total Commands (5min Binning)



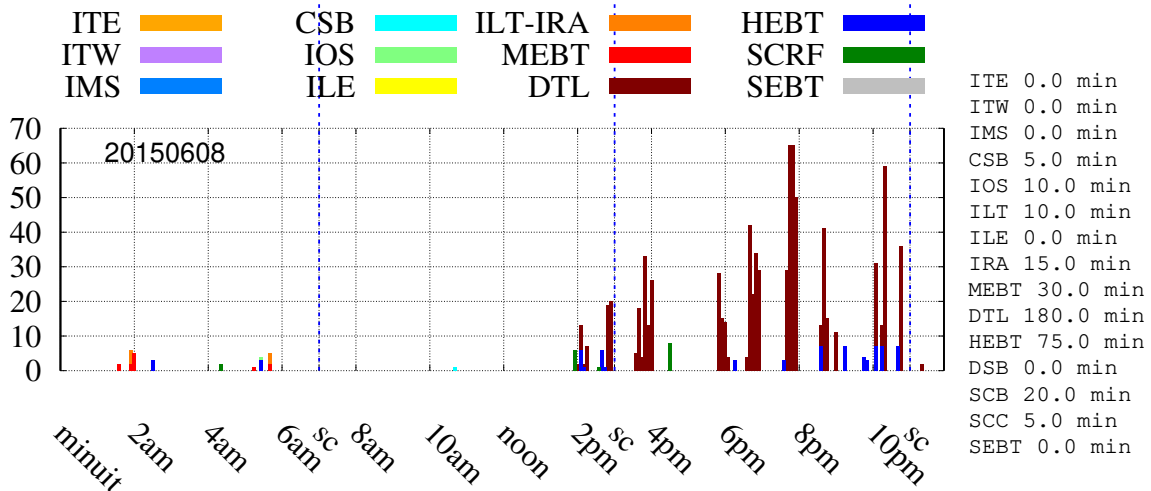
Total Commands (5min Binning)



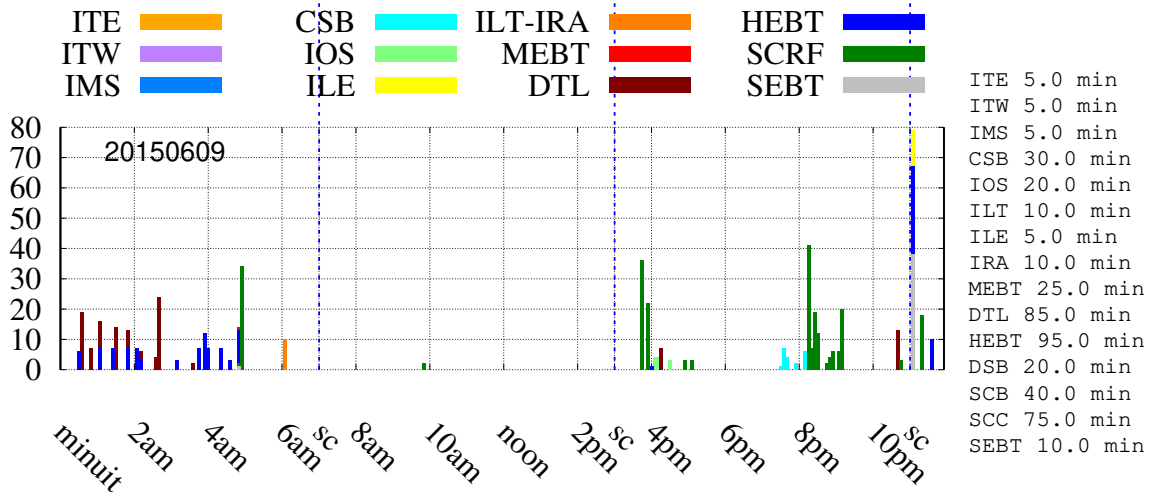
Total Commands (5min Binning)



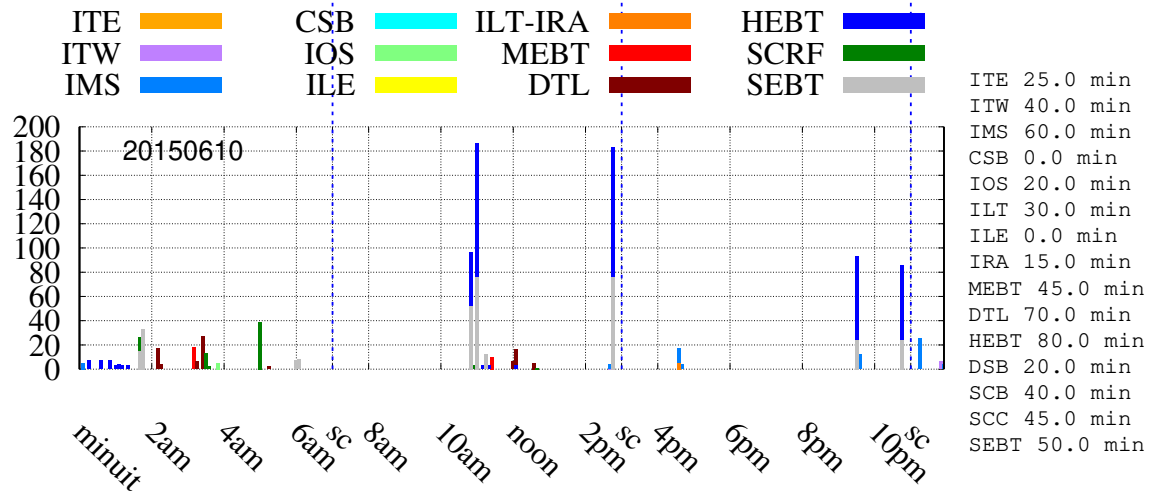
Total Commands (5min Binning)



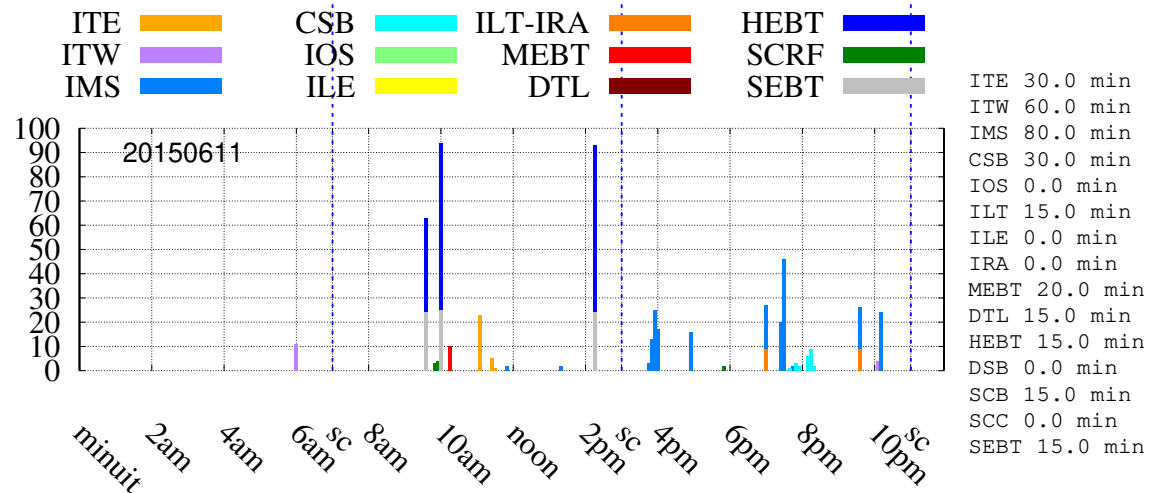
Total Commands (5min Binning)



Total Commands (5min Binning)

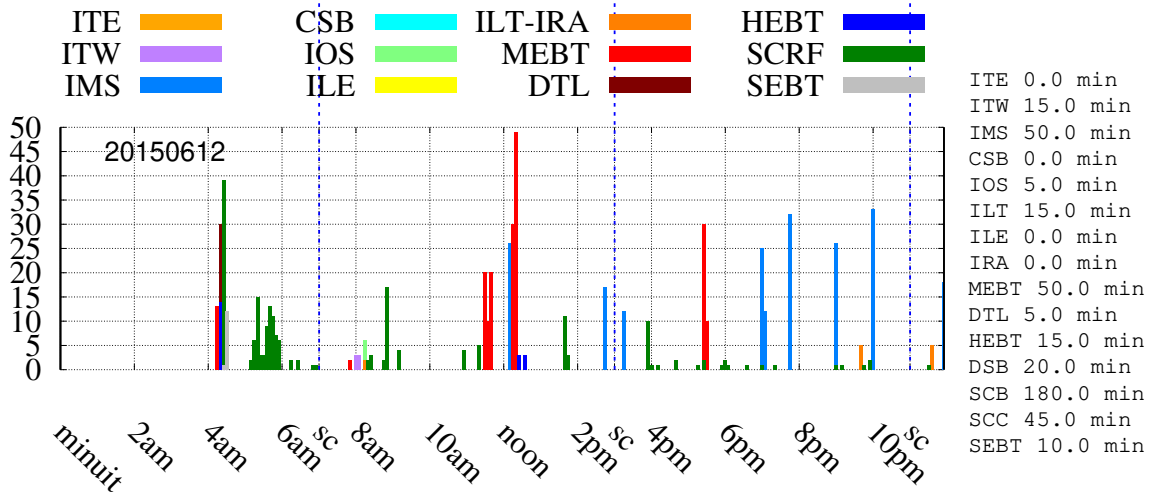


Total Commands (5min Binning)

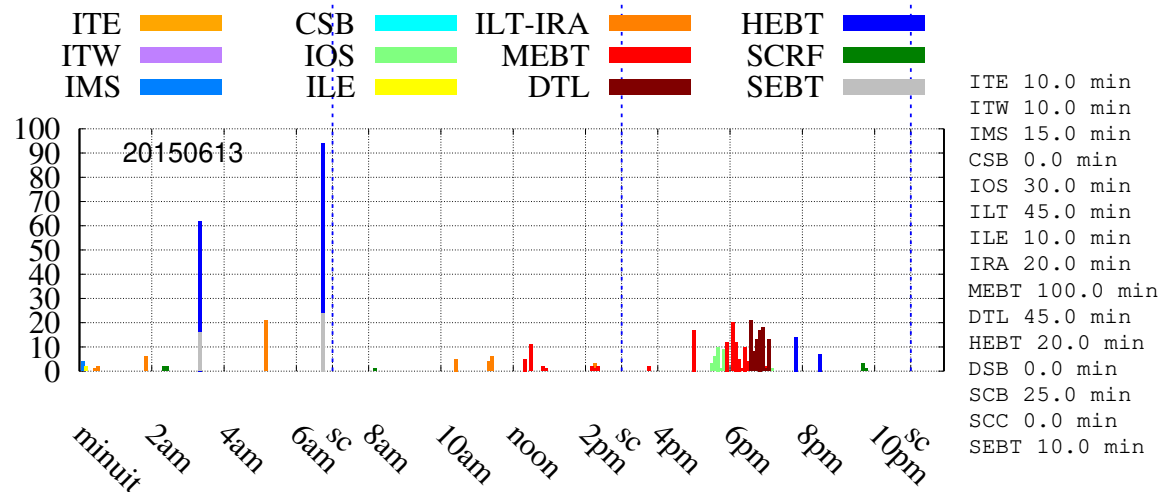




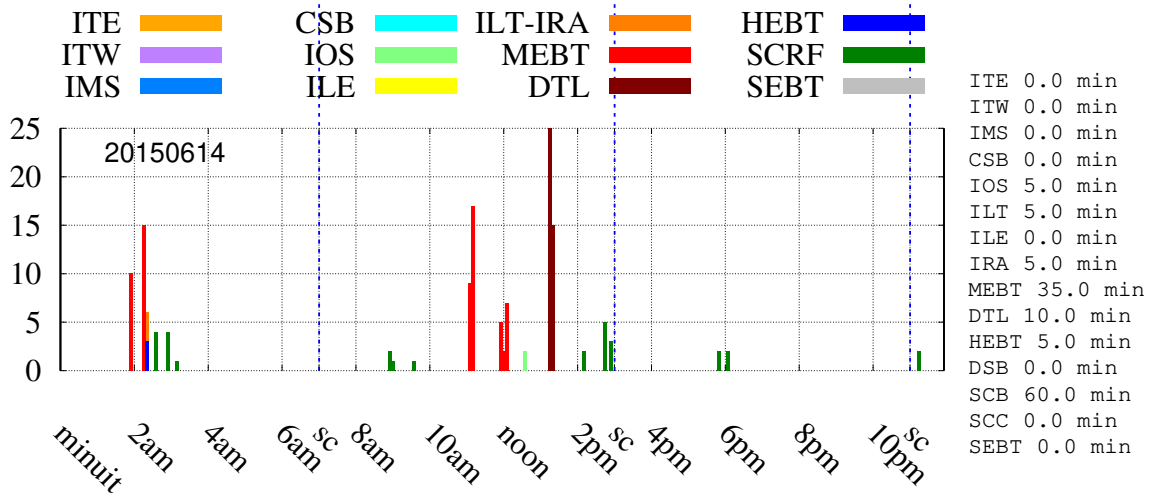
Total Commands (5min Binning)



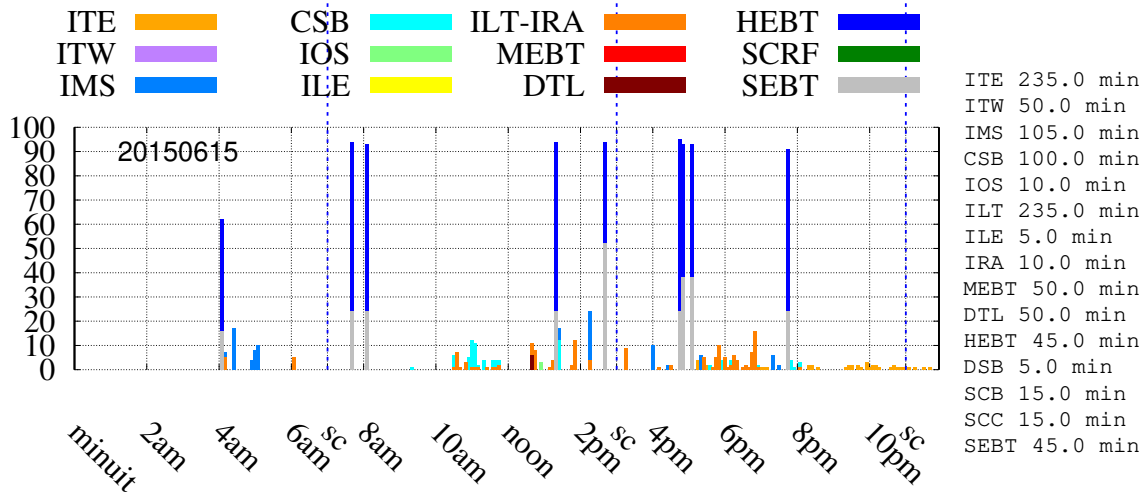
Total Commands (5min Binning)



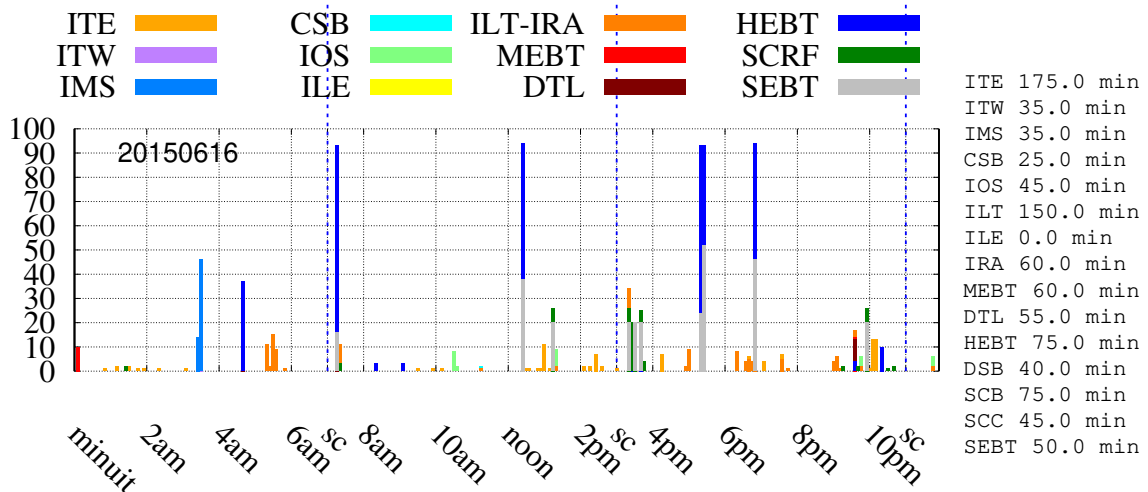
Total Commands (5min Binning)



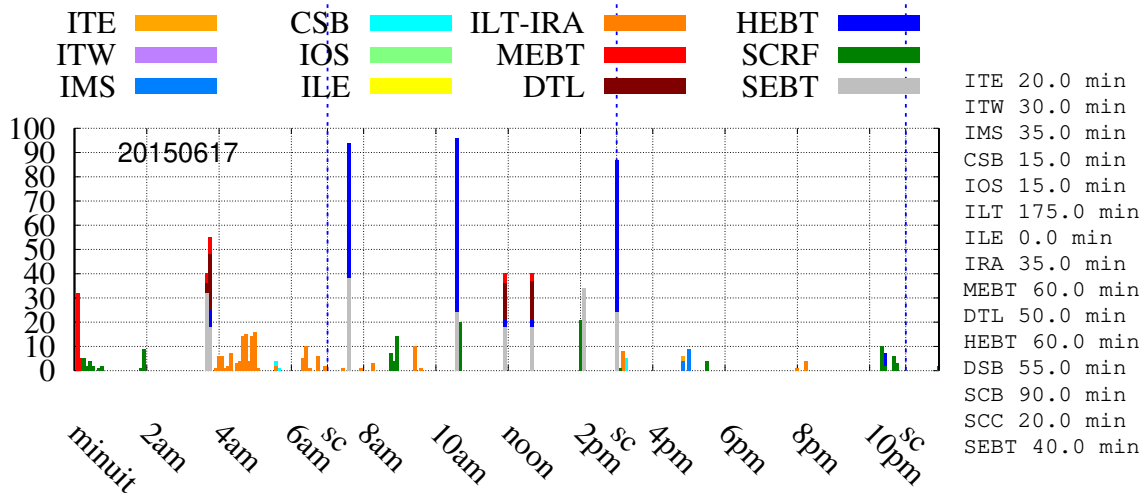
Total Commands (5min Binning)



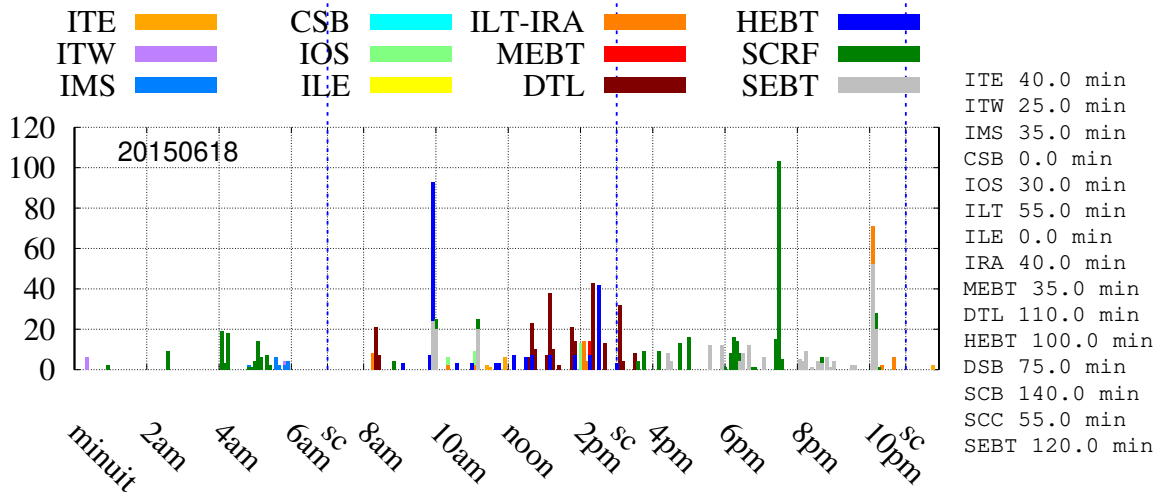
Total Commands (5min Binning)



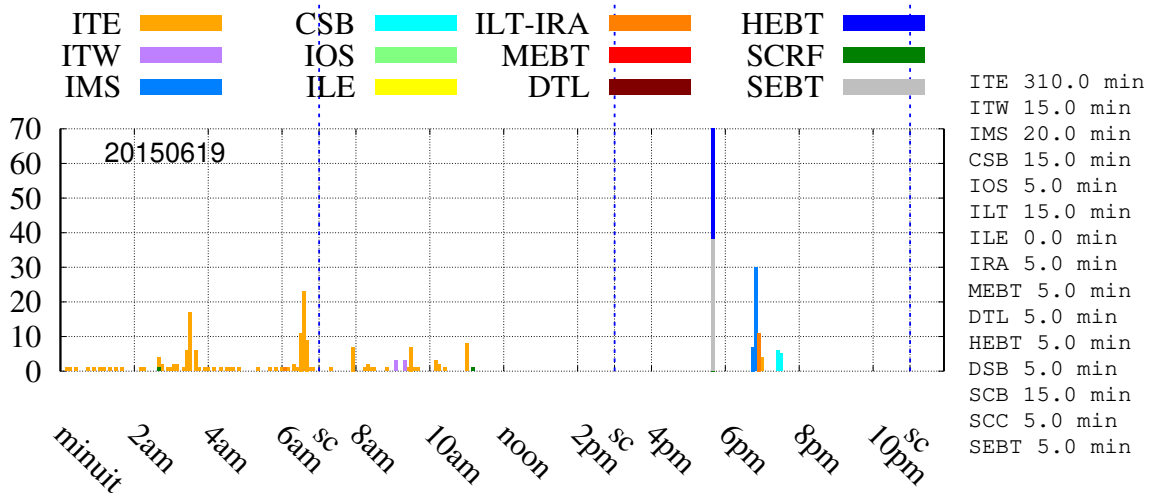
Total Commands (5min Binning)



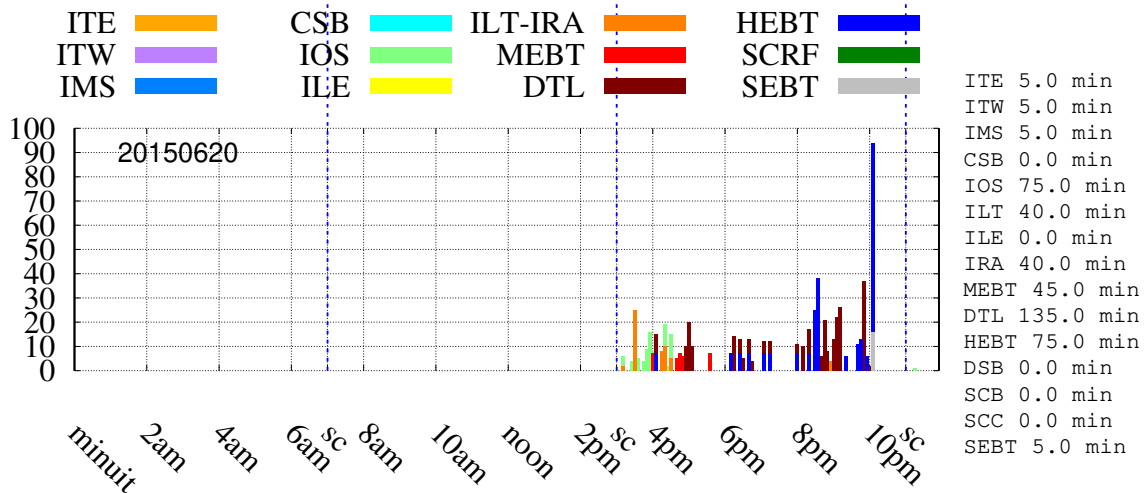
Total Commands (5min Binning)

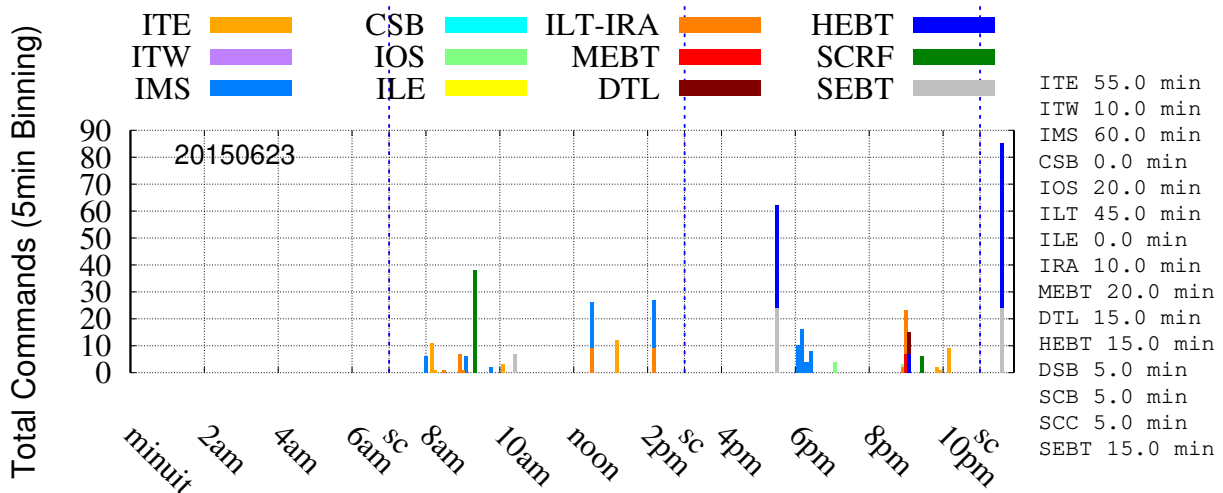
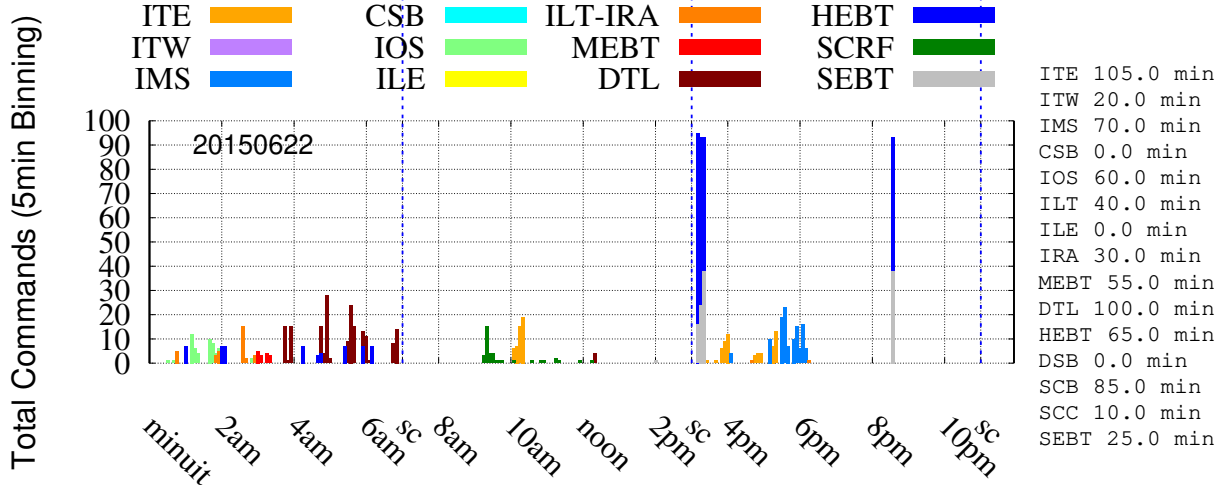
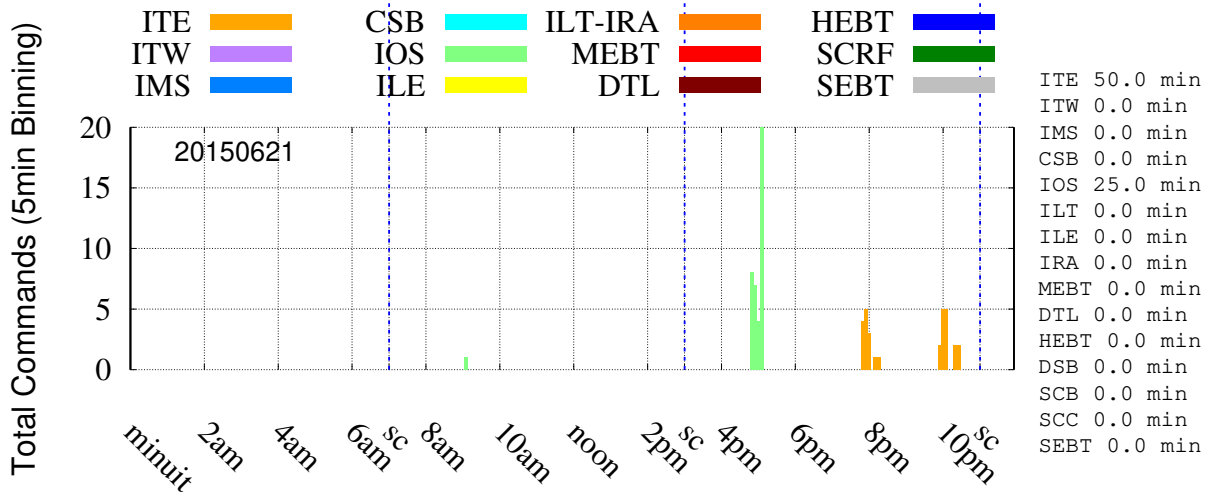


Total Commands (5min Binning)

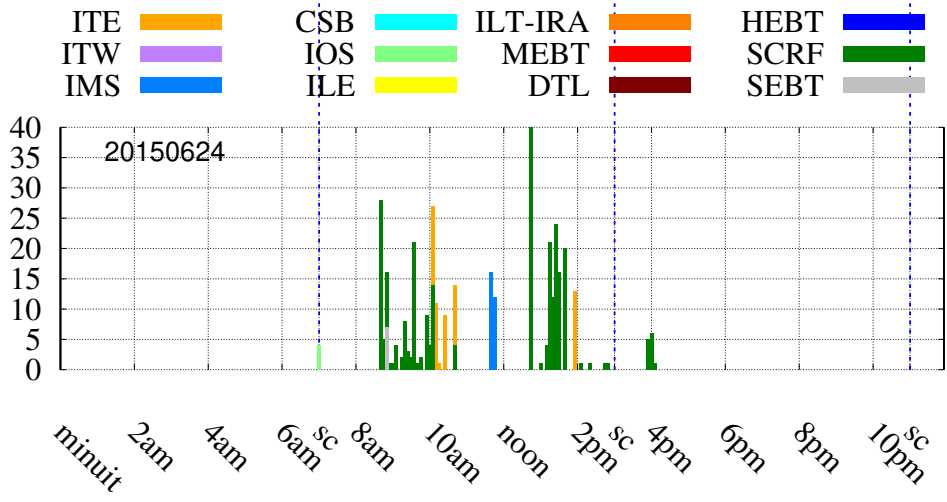


Total Commands (5min Binning)



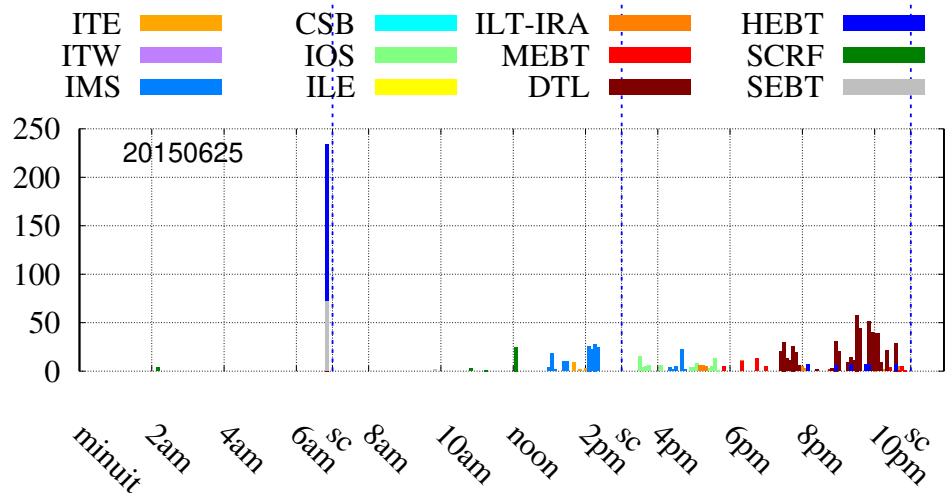


Total Commands (5min Binning)



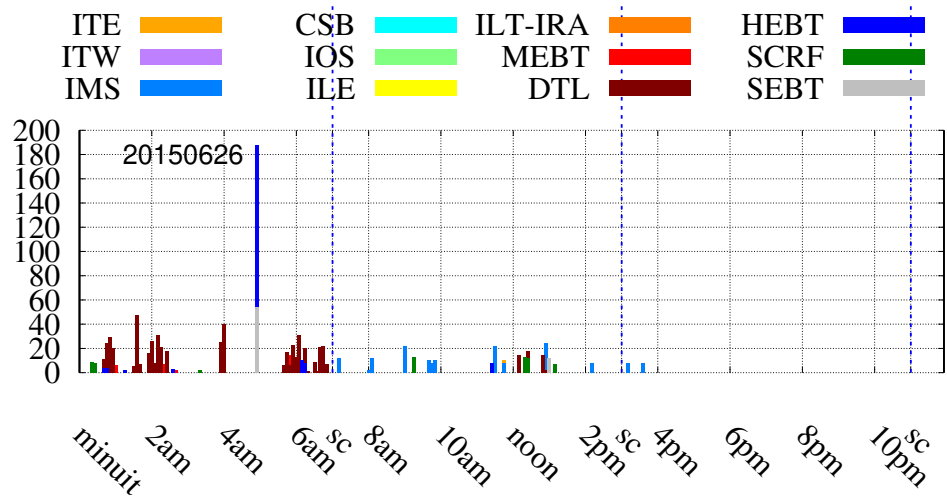
ITE	30.0 min
ITW	0.0 min
IMS	10.0 min
CSB	0.0 min
IOS	5.0 min
ILT-IRA	5.0 min
ILE	0.0 min
IRA	5.0 min
MEBT	5.0 min
DTL	5.0 min
HEBT	5.0 min
DSB	0.0 min
SCB	110.0 min
SCC	65.0 min
SEBT	5.0 min

Total Commands (5min Binning)



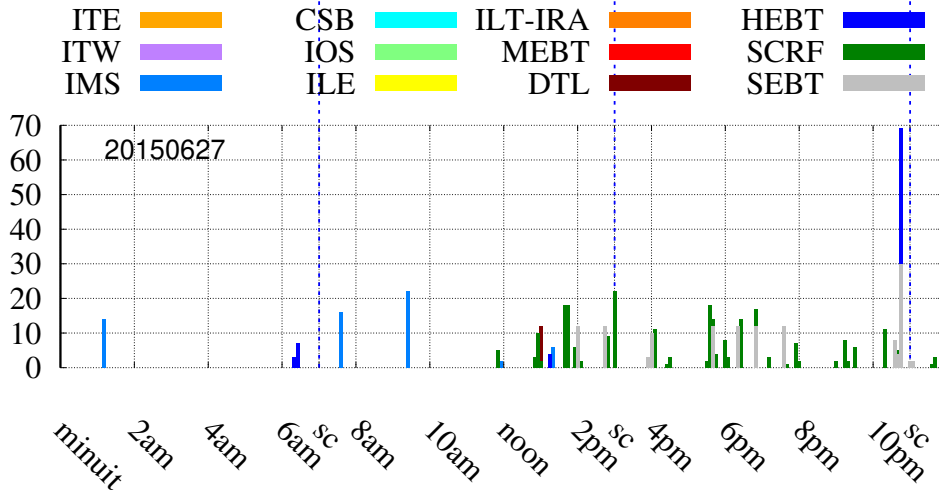
ITE	20.0 min
ITW	5.0 min
IMS	75.0 min
CSB	0.0 min
IOS	75.0 min
ILT-IRA	50.0 min
ILE	0.0 min
IRA	50.0 min
MEBT	70.0 min
DTL	120.0 min
HEBT	35.0 min
DSB	0.0 min
SCB	10.0 min
SCC	15.0 min
SEBT	10.0 min

Total Commands (5min Binning)



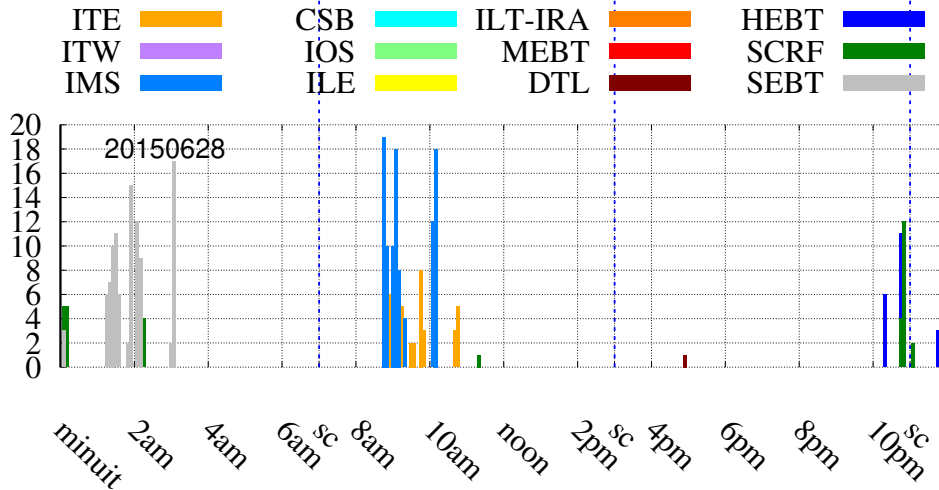
ITE	20.0 min
ITW	5.0 min
IMS	80.0 min
CSB	0.0 min
IOS	5.0 min
ILT-IRA	5.0 min
ILE	0.0 min
IRA	5.0 min
MEBT	35.0 min
DTL	170.0 min
HEBT	50.0 min
DSB	35.0 min
SCB	25.0 min
SCC	10.0 min
SEBT	10.0 min

Total Commands (5min Binning)



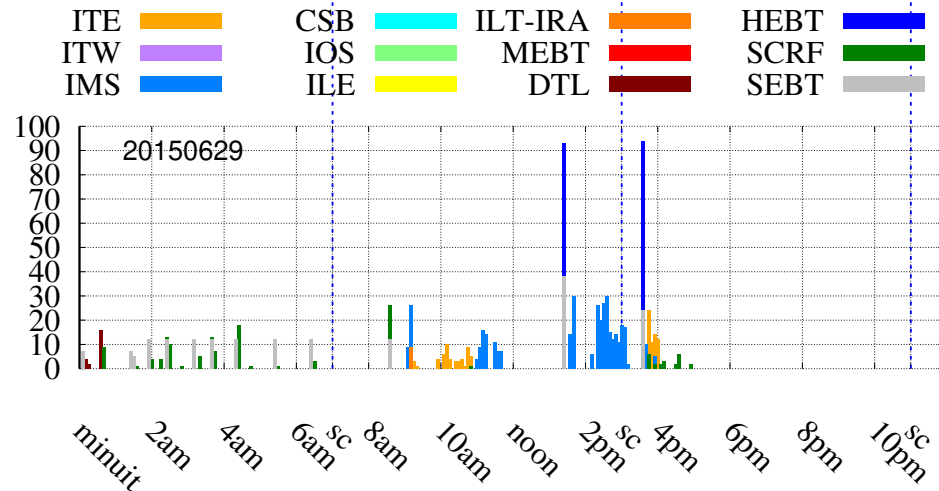
ITE	5.0 min
ITW	5.0 min
IMS	35.0 min
CSB	0.0 min
IOS	0.0 min
ILT	0.0 min
IRA	0.0 min
MEBT	5.0 min
DTL	10.0 min
HEBT	20.0 min
DSB	10.0 min
SCB	120.0 min
SCC	120.0 min
SEBT	65.0 min

Total Commands (5min Binning)



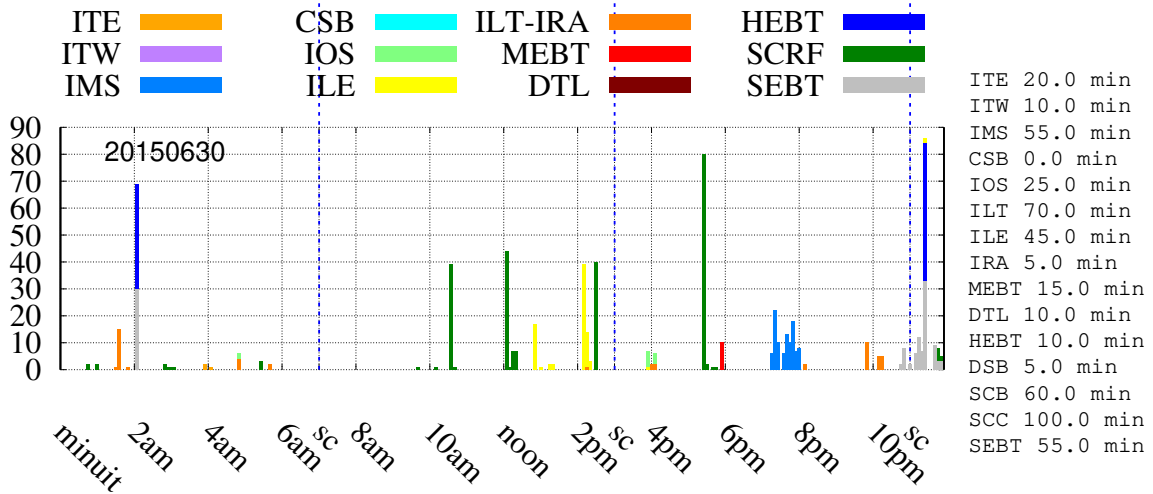
ITE	70.0 min
ITW	0.0 min
IMS	40.0 min
CSB	0.0 min
IOS	0.0 min
ILT	0.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	5.0 min
HEBT	25.0 min
DSB	20.0 min
SCB	5.0 min
SCC	20.0 min
SEBT	60.0 min

Total Commands (5min Binning)

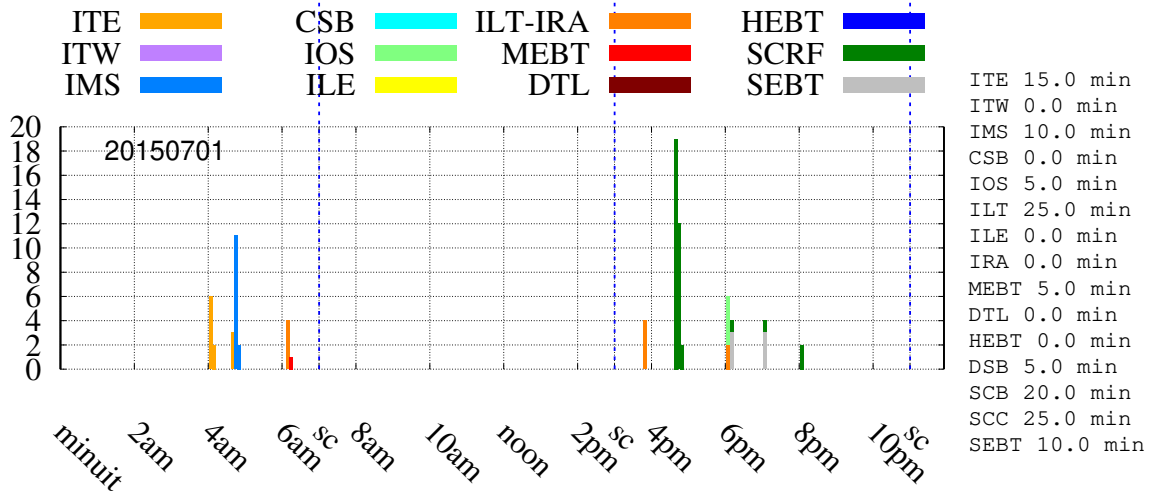


ITE	95.0 min
ITW	10.0 min
IMS	135.0 min
CSB	0.0 min
IOS	5.0 min
ILT	15.0 min
IRA	5.0 min
MEBT	10.0 min
DTL	30.0 min
HEBT	15.0 min
DSB	10.0 min
SCB	85.0 min
SCC	115.0 min
SEBT	65.0 min

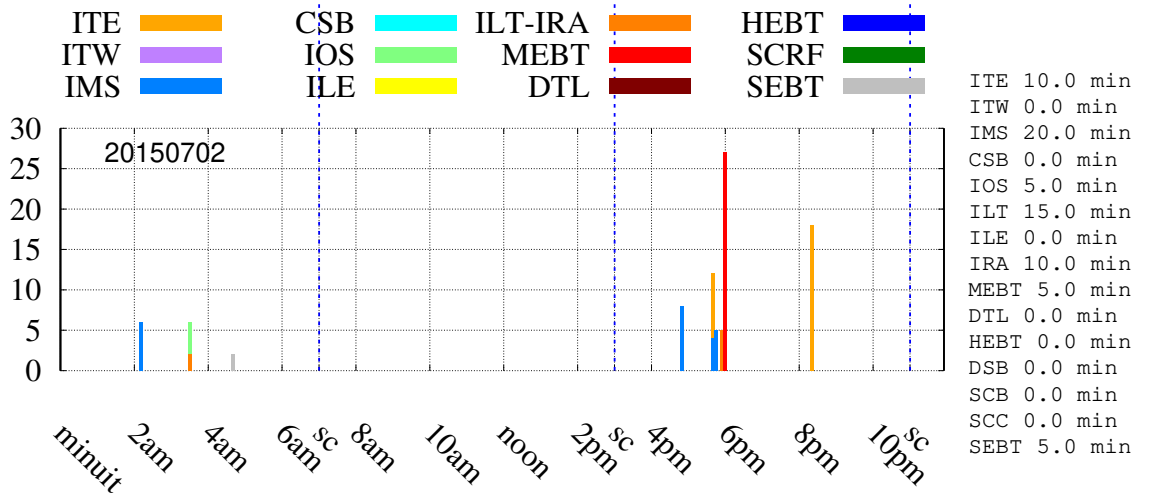
Total Commands (5min Binning)



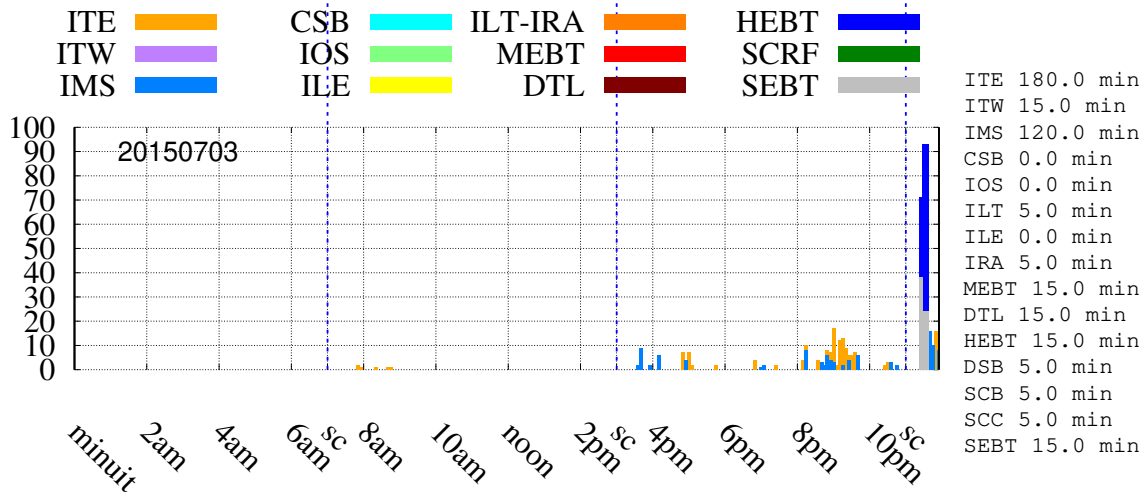
Total Commands (5min Binning)



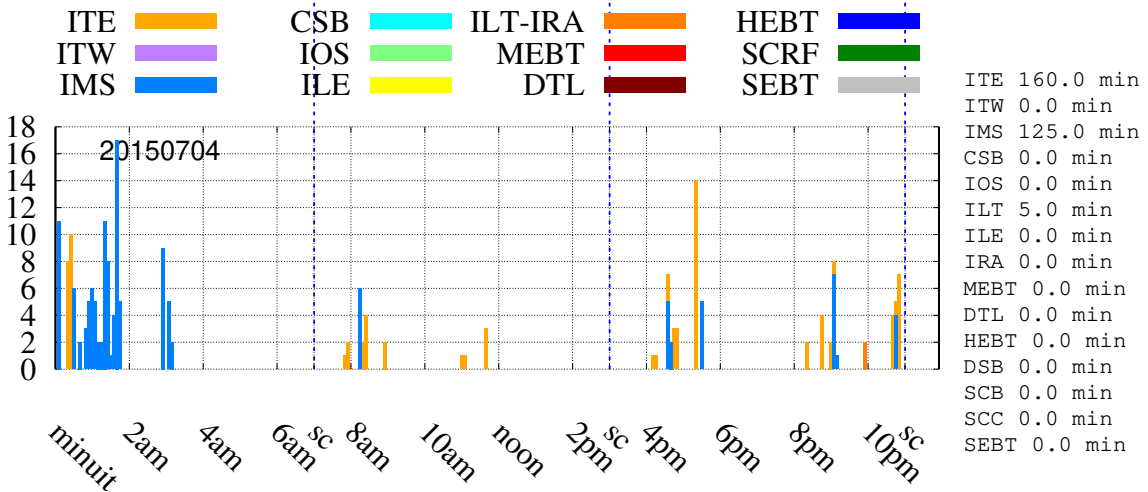
Total Commands (5min Binning)



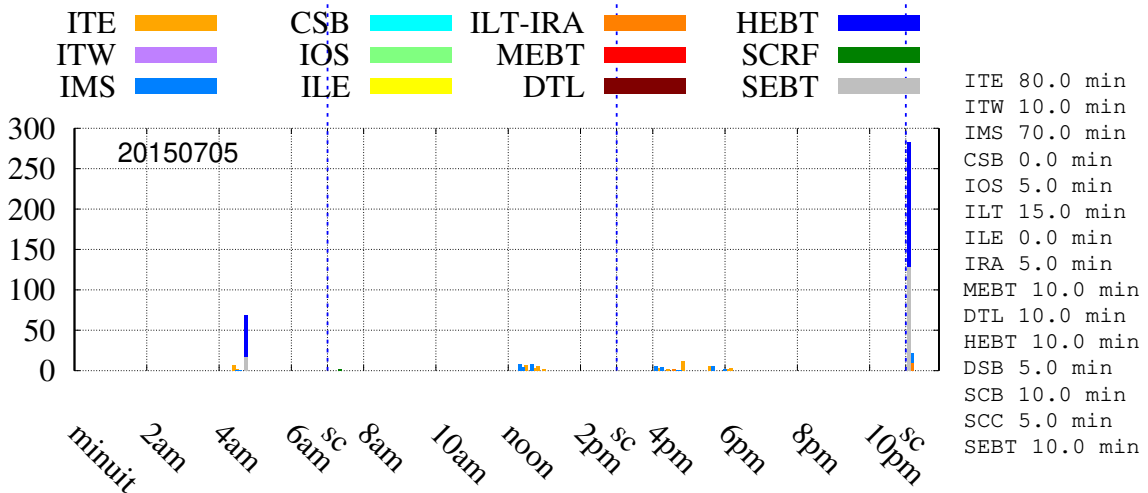
Total Commands (5min Binning)



Total Commands (5min Binning)

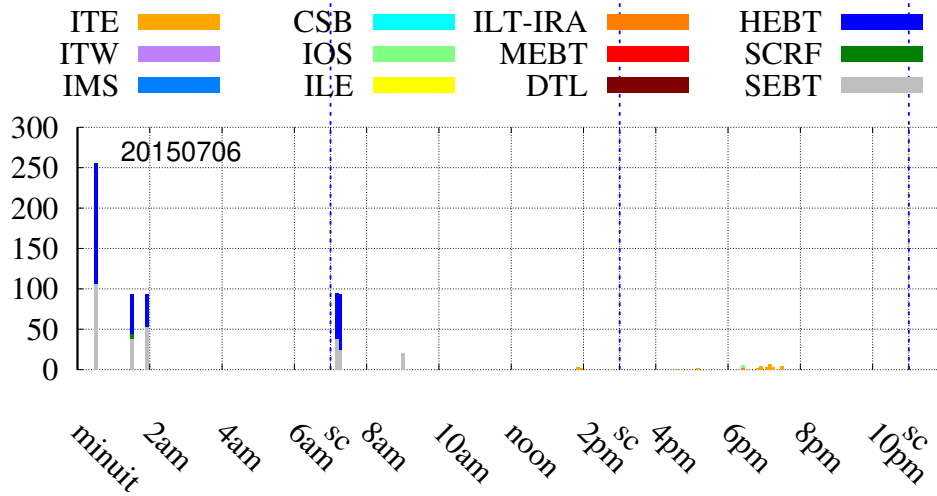


Total Commands (5min Binning)



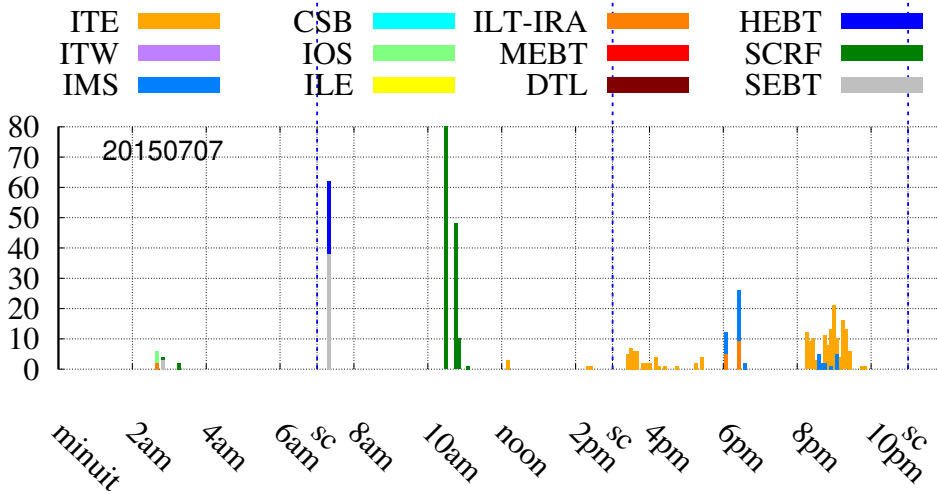


Total Commands (5min Binning)



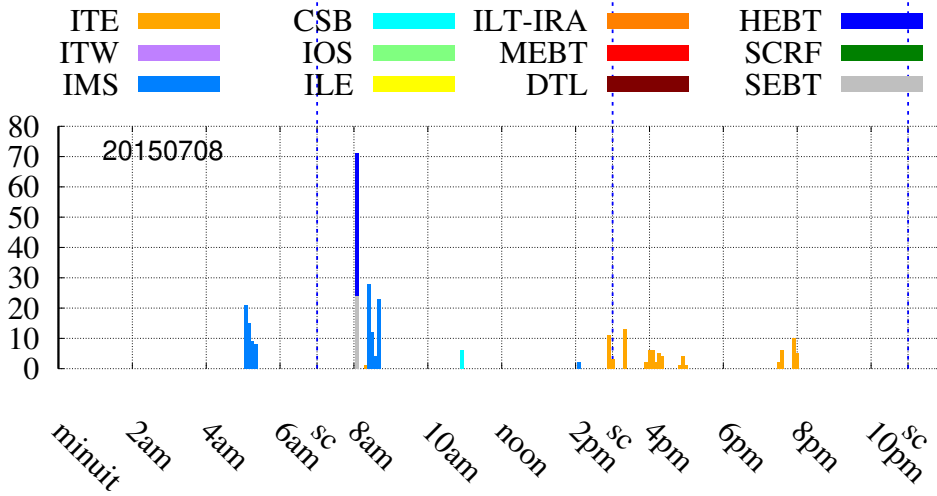
ITE	75.0 min
ITW	30.0 min
IMS	30.0 min
CSB	0.0 min
IOS	20.0 min
ILT	30.0 min
ILE	0.0 min
IRA	20.0 min
MEBT	30.0 min
DTL	30.0 min
HEBT	30.0 min
DSB	20.0 min
SCB	25.0 min
SCC	25.0 min
SEBT	30.0 min

Total Commands (5min Binning)



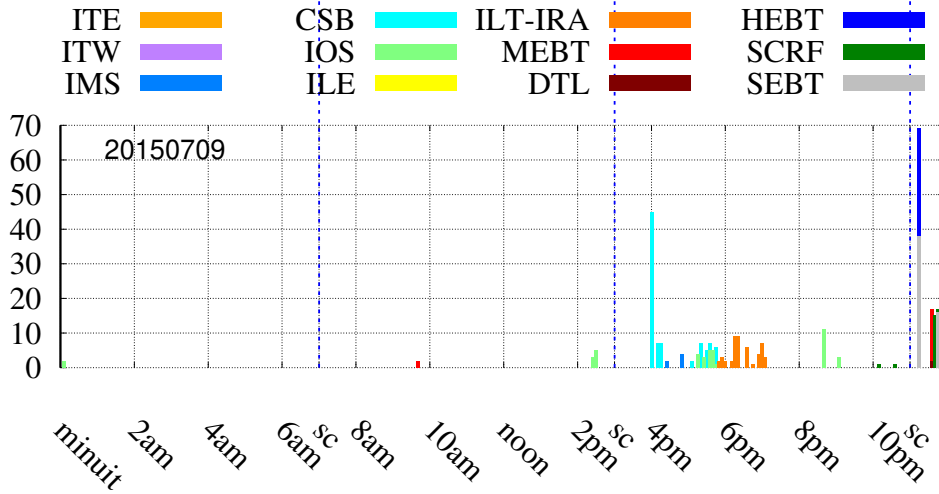
ITE	175.0 min
ITW	5.0 min
IMS	45.0 min
CSB	0.0 min
IOS	10.0 min
ILT	25.0 min
ILE	0.0 min
IRA	5.0 min
MEBT	5.0 min
DTL	5.0 min
HEBT	5.0 min
DSB	5.0 min
SCB	30.0 min
SCC	25.0 min
SEBT	10.0 min

Total Commands (5min Binning)



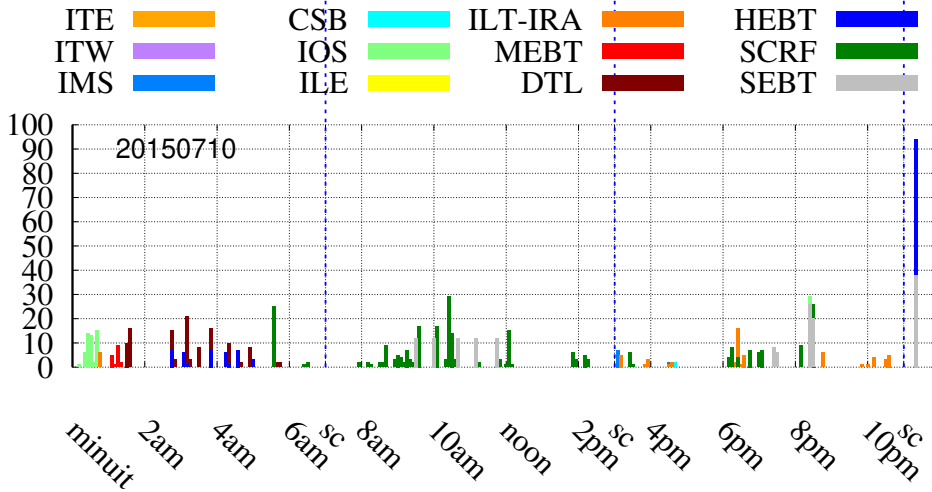
ITE	100.0 min
ITW	5.0 min
IMS	50.0 min
CSB	5.0 min
IOS	0.0 min
ILT	0.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	5.0 min
DTL	5.0 min
HEBT	5.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	5.0 min

Total Commands (5min Binning)



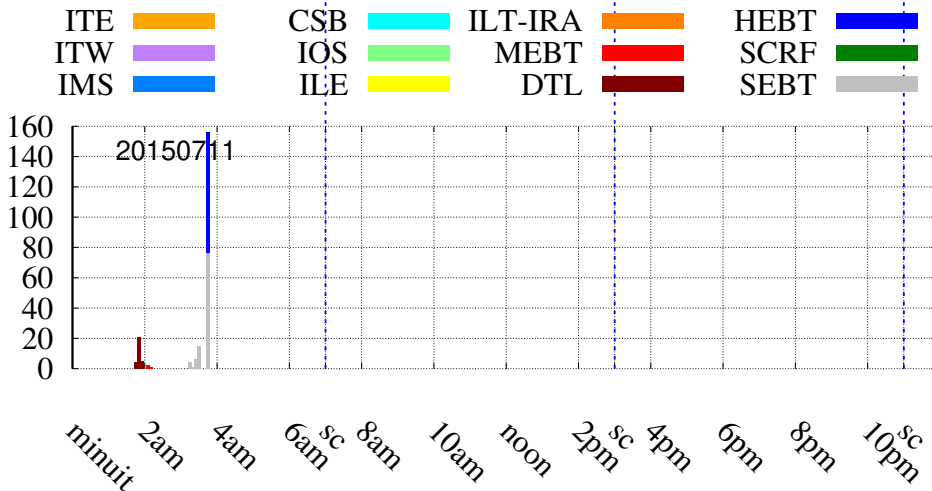
ITE 10.0 min  
 ITW 5.0 min  
 IMS 15.0 min  
 CSB 55.0 min  
 IOS 65.0 min  
 ILT 65.0 min  
 ILE 0.0 min  
 IRA 10.0 min  
 MEBT 15.0 min  
 DTL 15.0 min  
 HEBT 10.0 min  
 DSB 15.0 min  
 SCB 20.0 min  
 SCC 10.0 min  
 SEBT 15.0 min

Total Commands (5min Binning)



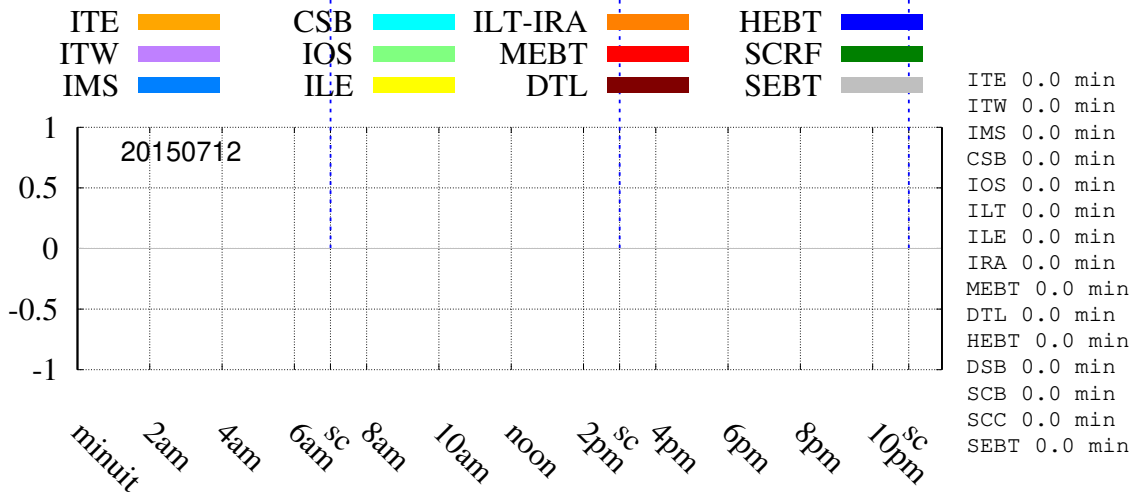
ITE 5.0 min  
 ITW 5.0 min  
 IMS 20.0 min  
 CSB 5.0 min  
 IOS 45.0 min  
 ILT 85.0 min  
 ILE 0.0 min  
 IRA 45.0 min  
 MEBT 35.0 min  
 DTL 85.0 min  
 HEBT 60.0 min  
 DSB 50.0 min  
 SCB 170.0 min  
 SCC 75.0 min  
 SEBT 50.0 min

Total Commands (5min Binning)

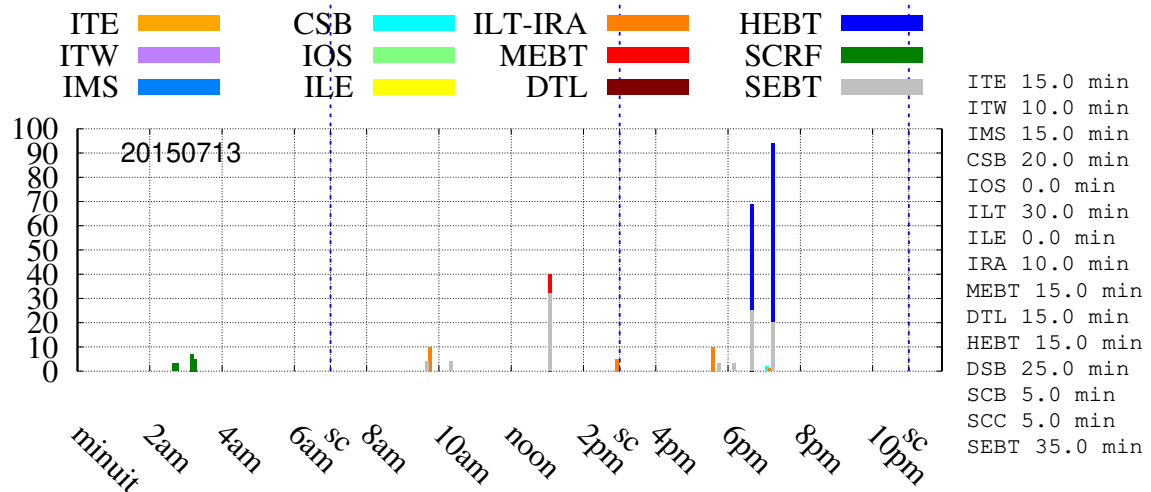


ITE 5.0 min  
 ITW 5.0 min  
 IMS 5.0 min  
 CSB 5.0 min  
 IOS 0.0 min  
 ILT 10.0 min  
 ILE 0.0 min  
 IRA 10.0 min  
 MEBT 15.0 min  
 DTL 20.0 min  
 HEBT 5.0 min  
 DSB 5.0 min  
 SCB 5.0 min  
 SCC 5.0 min  
 SEBT 25.0 min

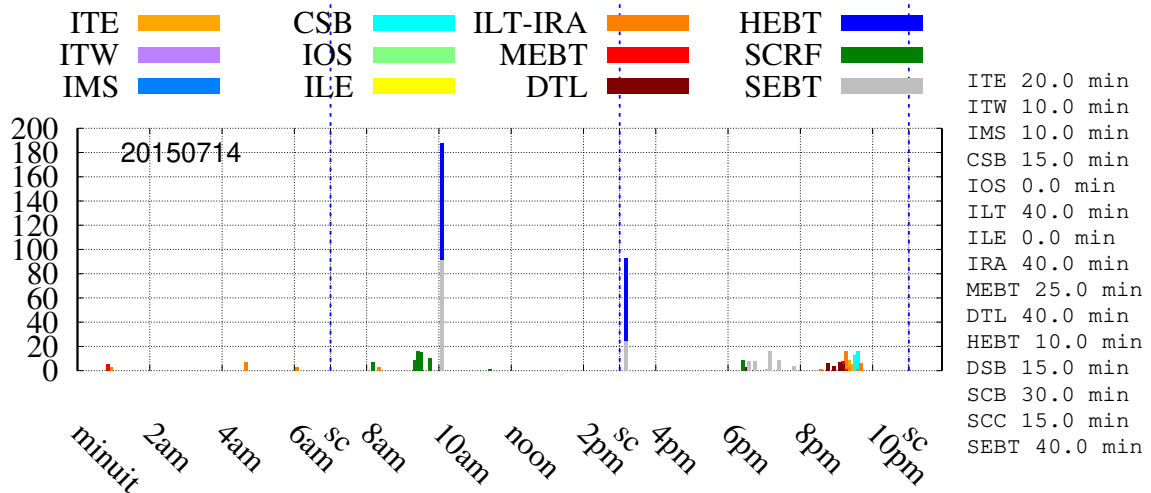
Total Commands (5min Binning)



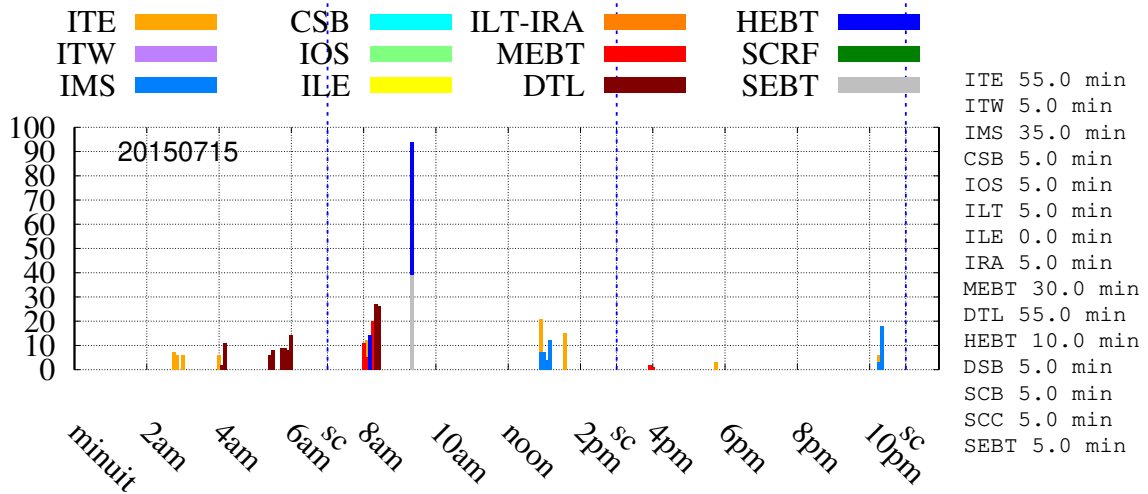
Total Commands (5min Binning)



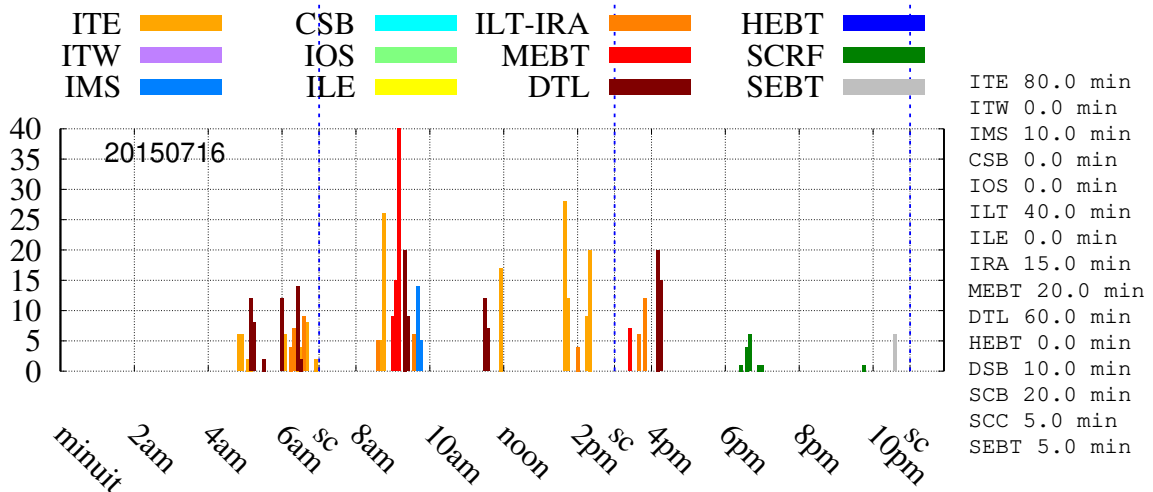
Total Commands (5min Binning)



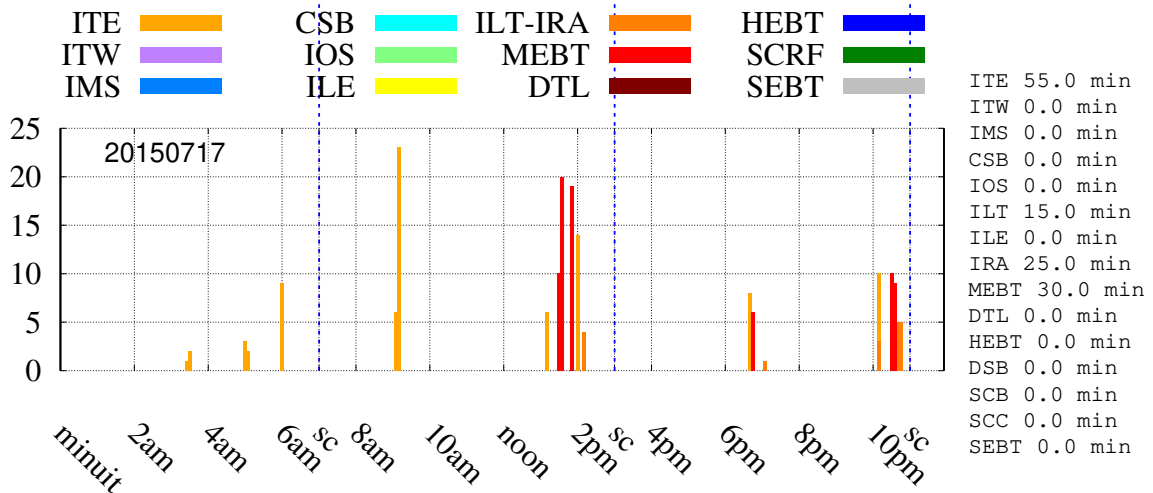
Total Commands (5min Binning)



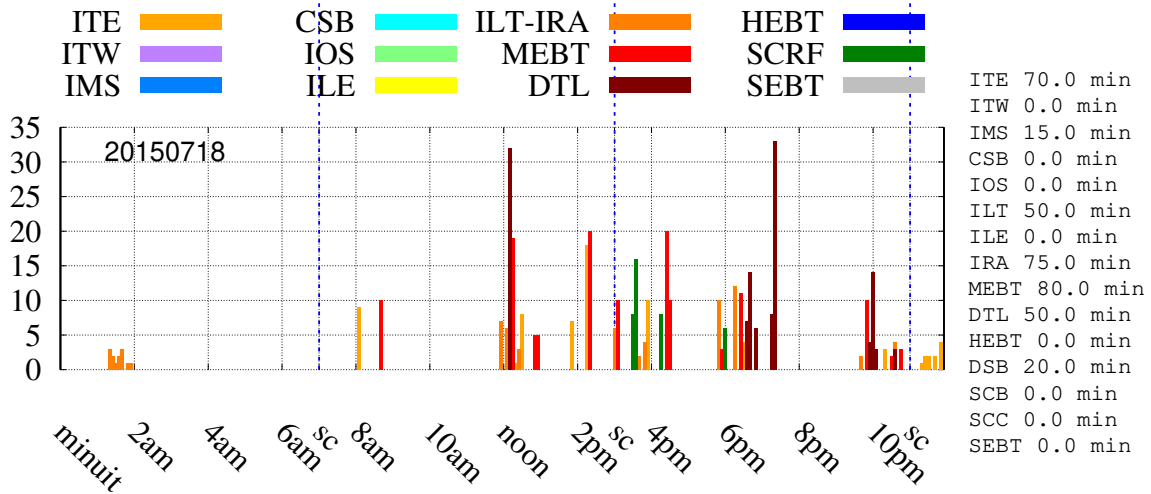
Total Commands (5min Binning)



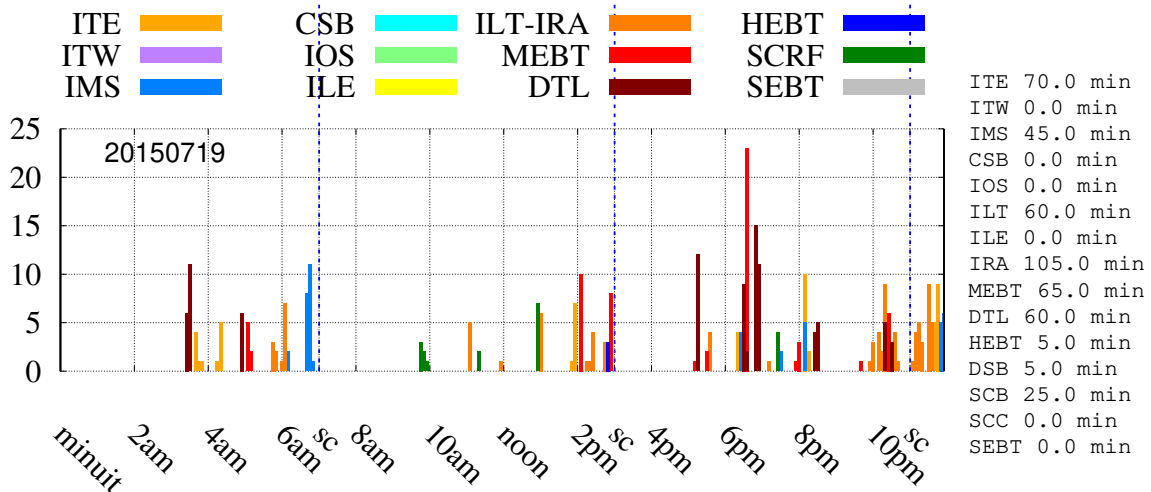
Total Commands (5min Binning)



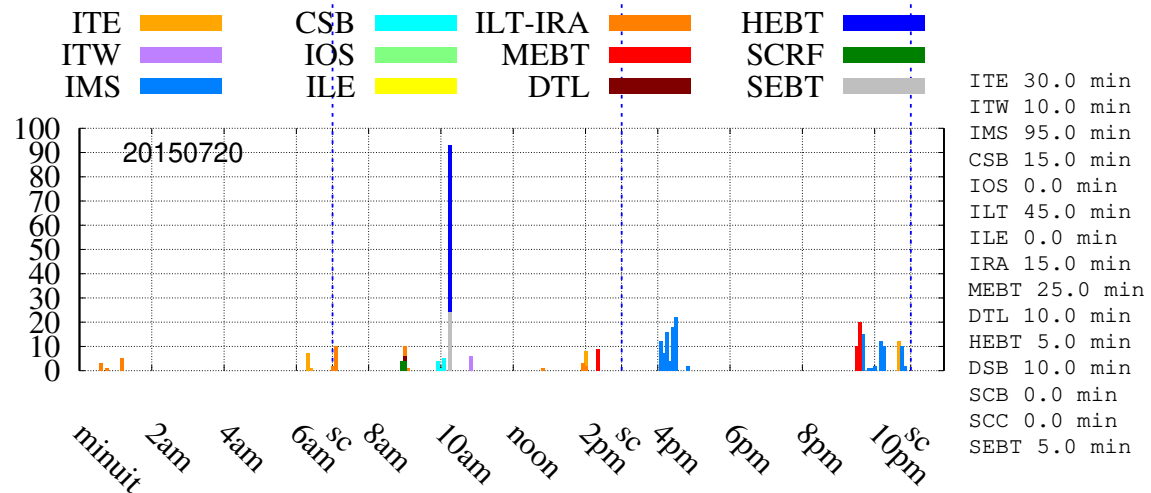
Total Commands (5min Binning)



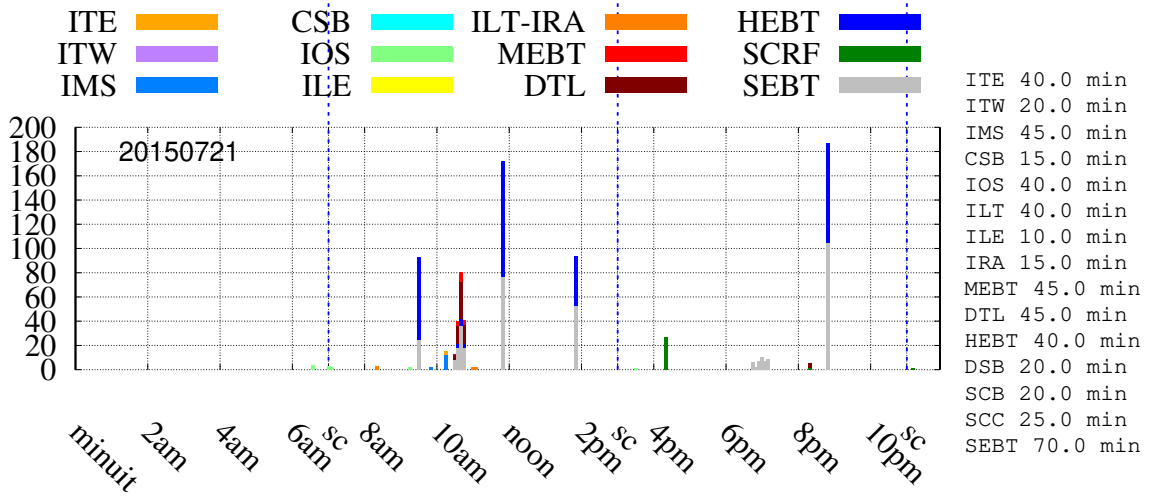
Total Commands (5min Binning)



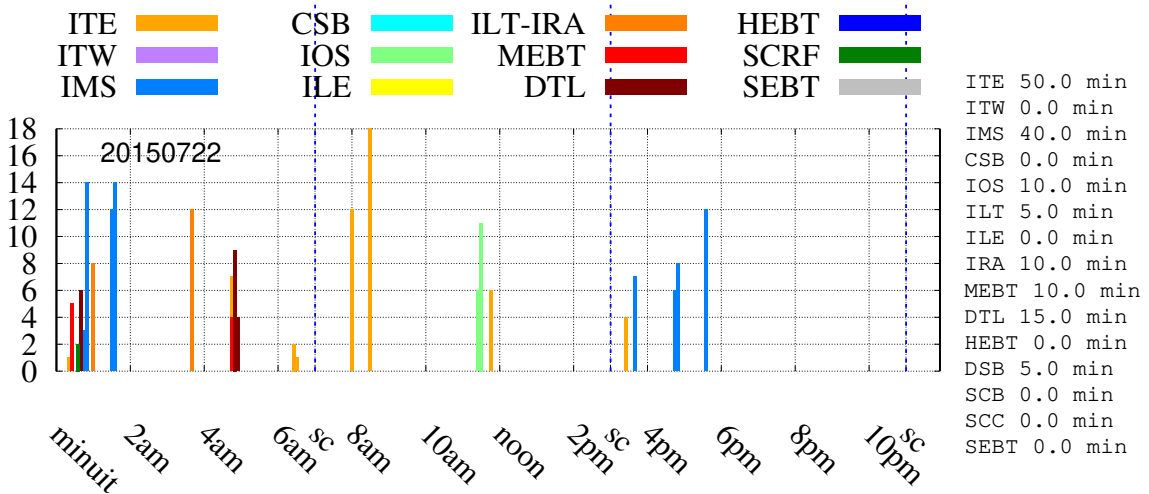
Total Commands (5min Binning)



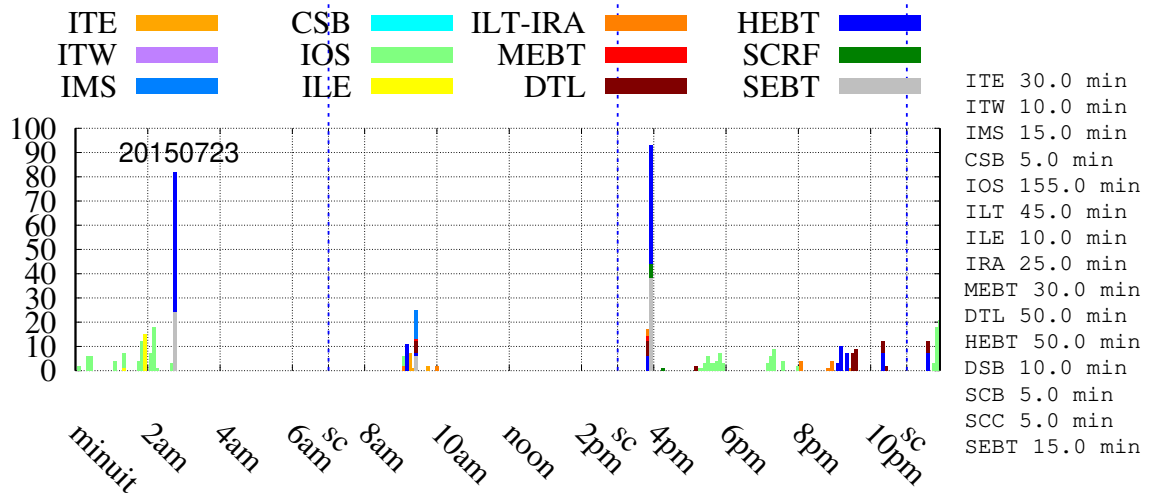
Total Commands (5min Binning)



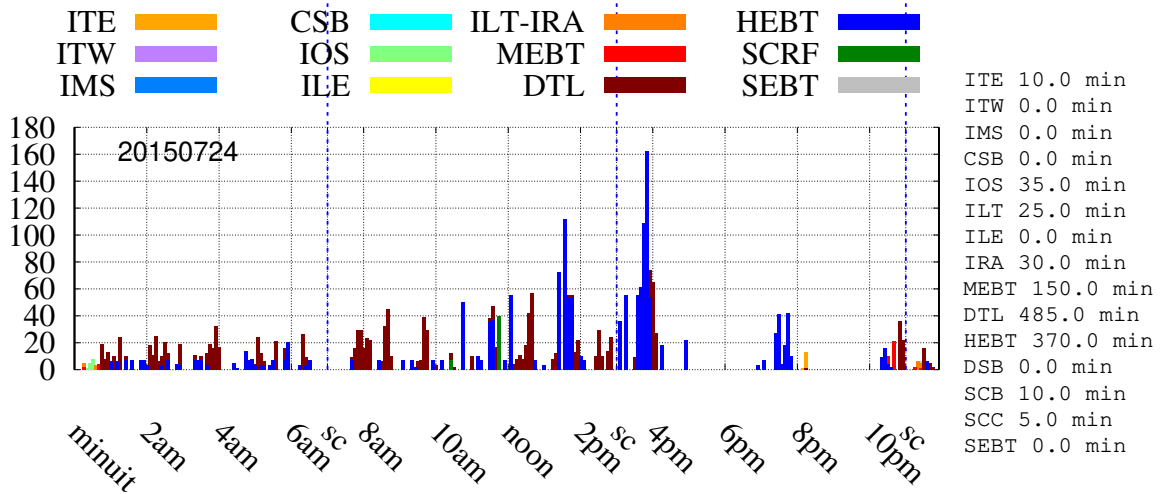
Total Commands (5min Binning)



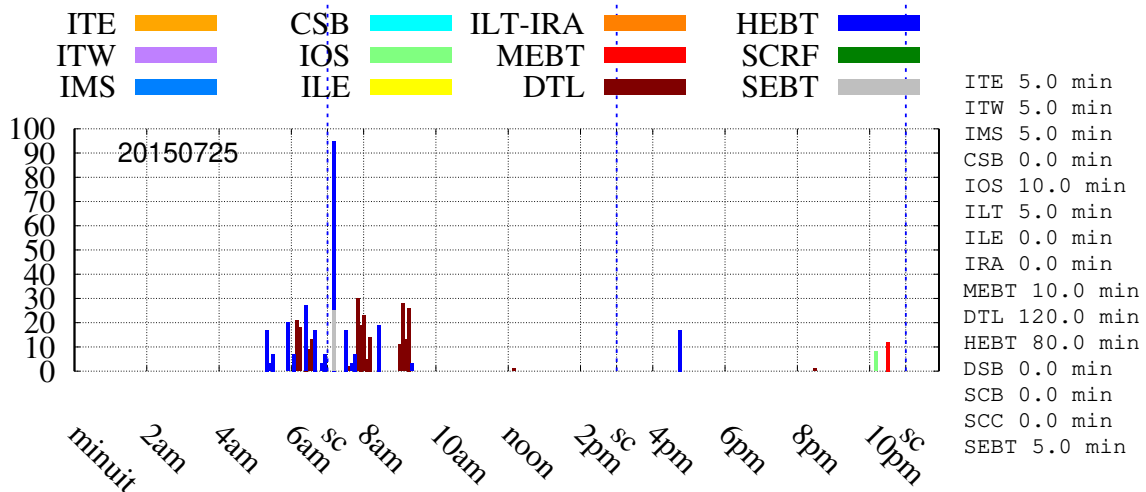
Total Commands (5min Binning)



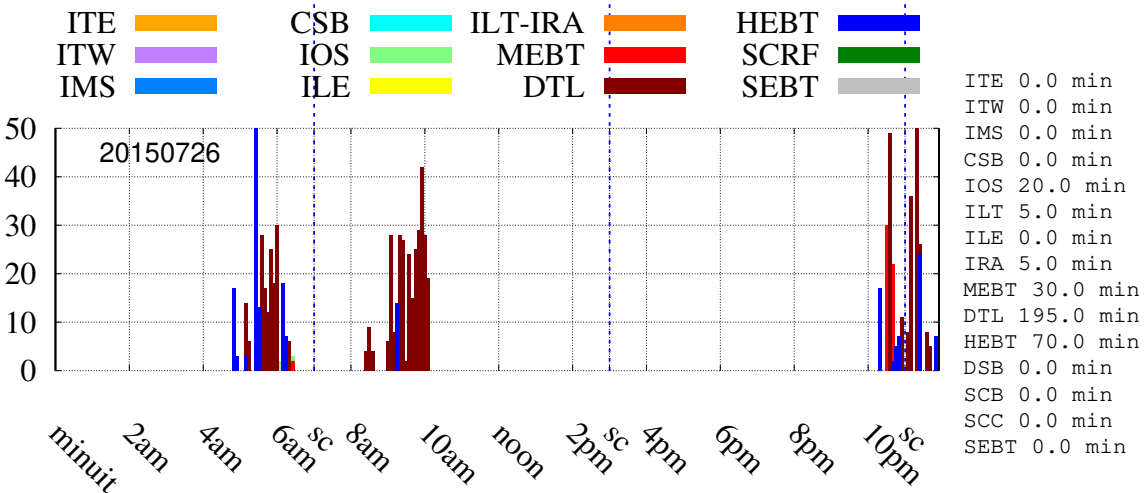
Total Commands (5min Binning)



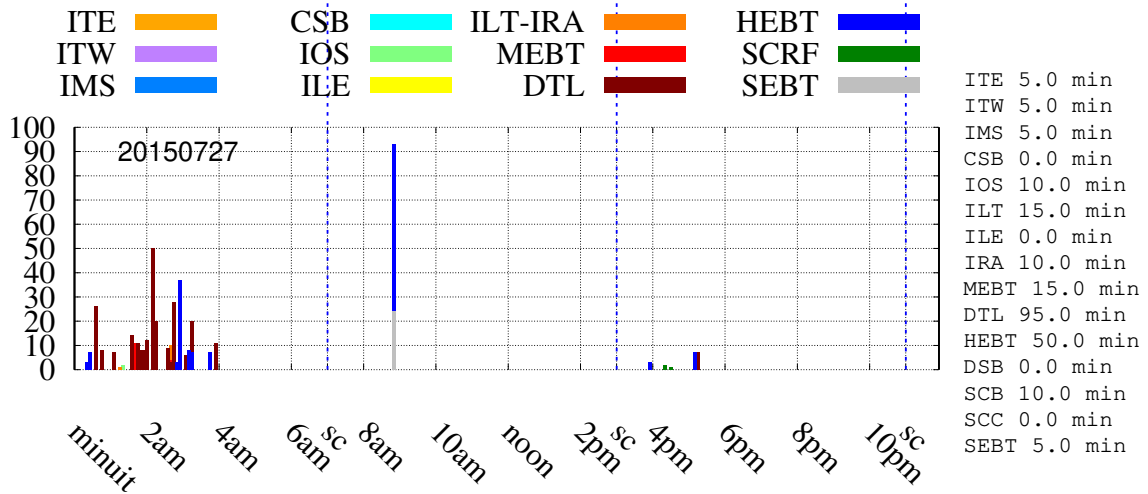
Total Commands (5min Binning)



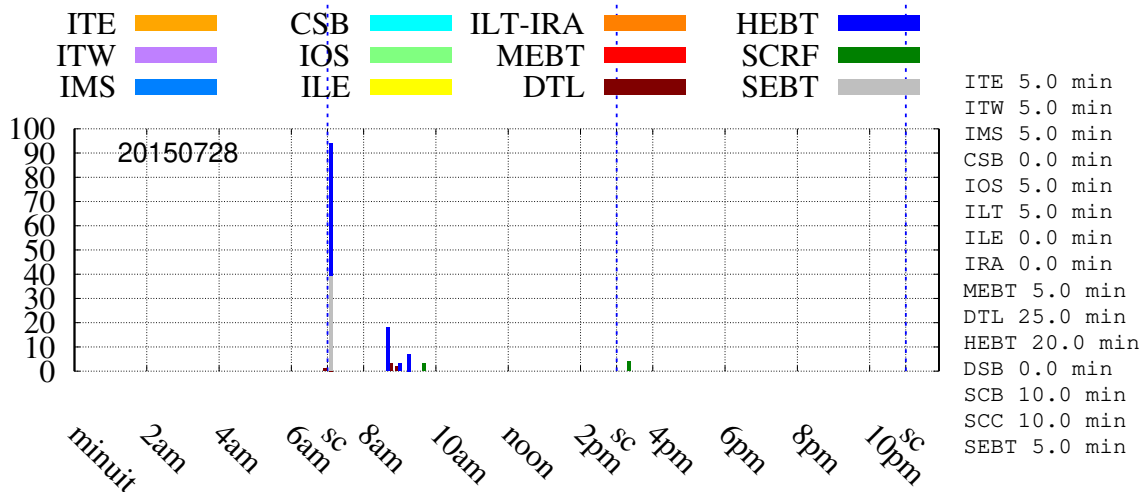
Total Commands (5min Binning)



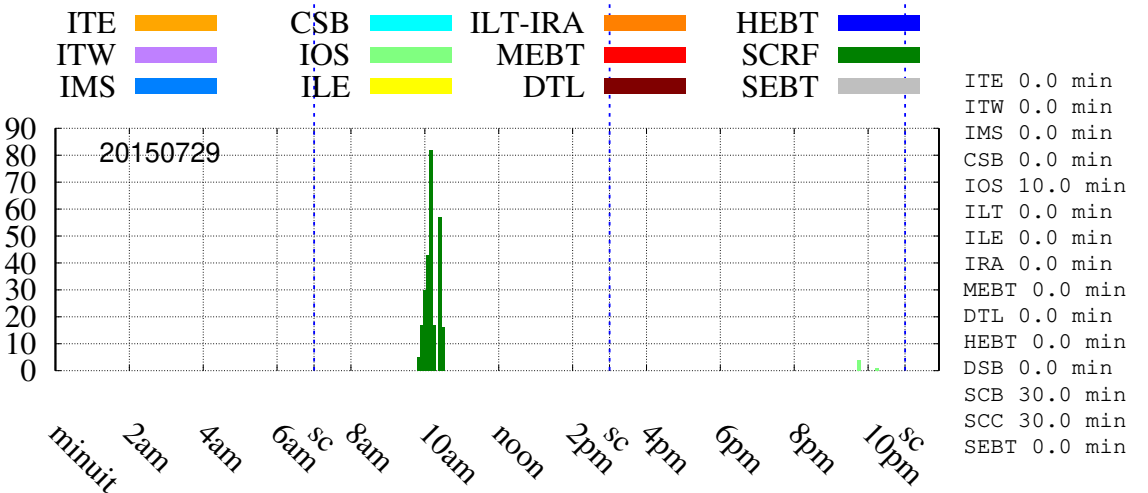
Total Commands (5min Binning)



Total Commands (5min Binning)

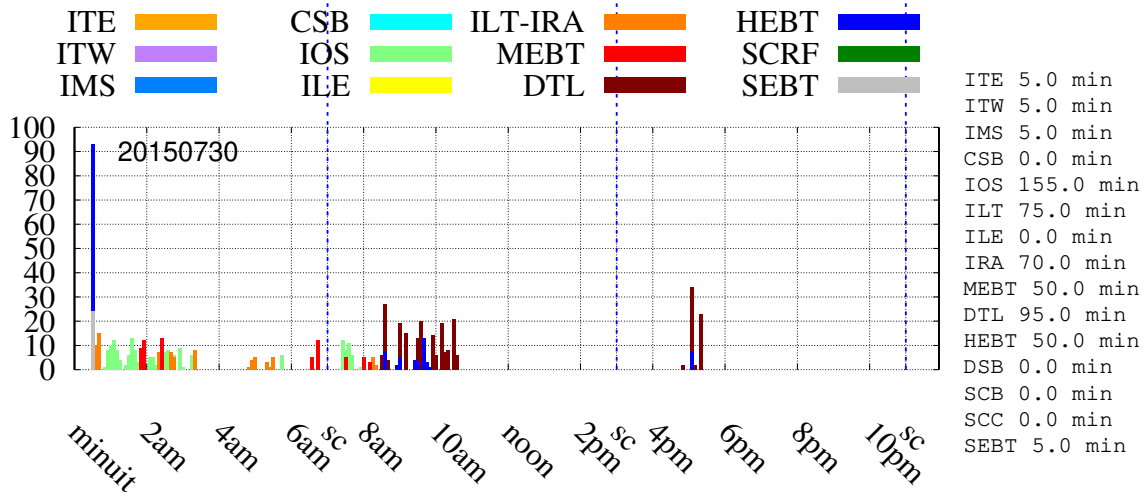


Total Commands (5min Binning)

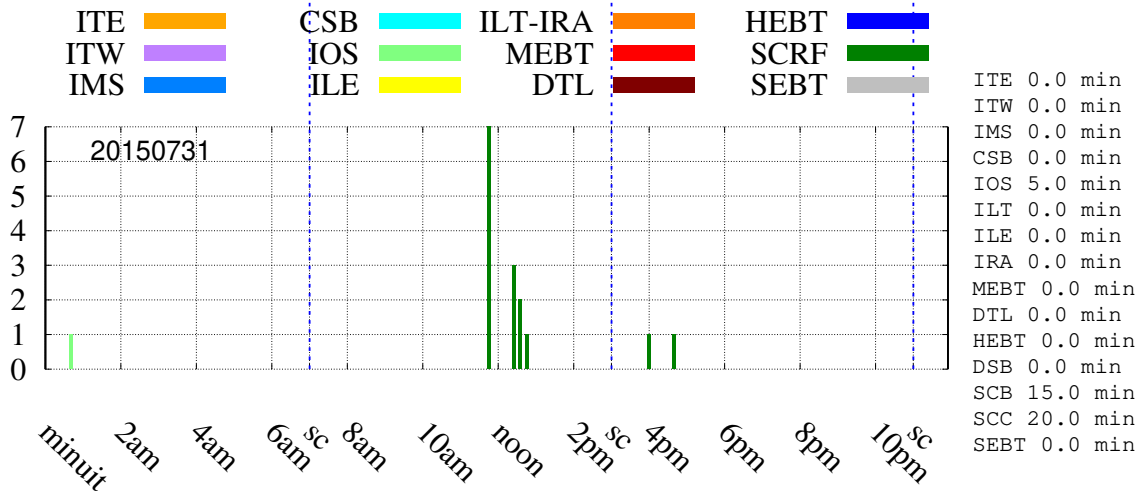




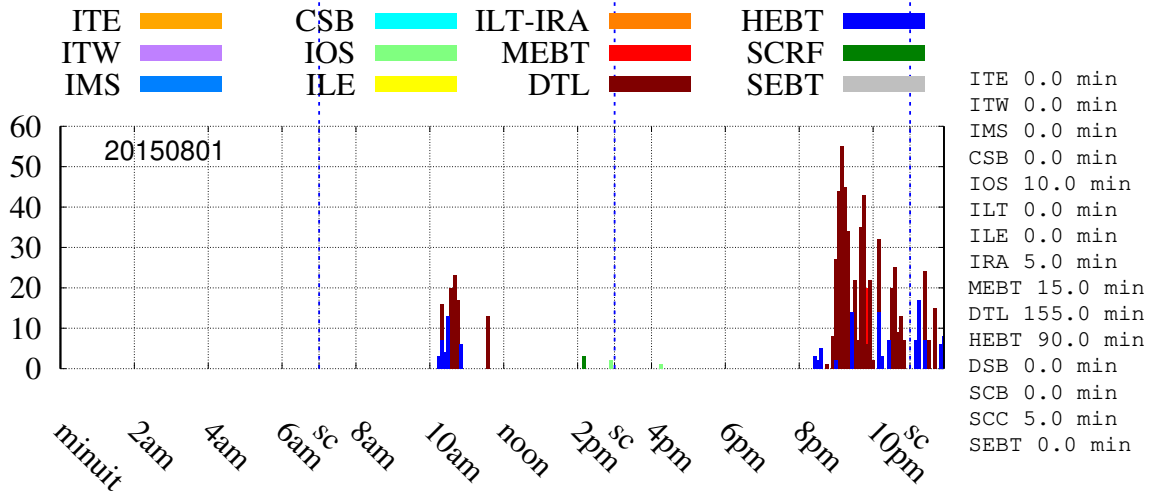
Total Commands (5min Binning)



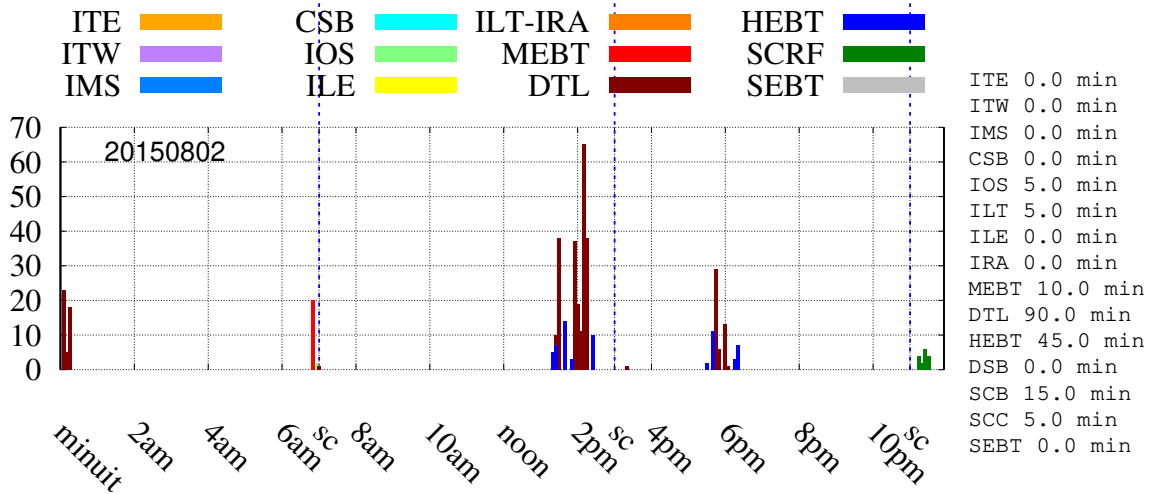
Total Commands (5min Binning)



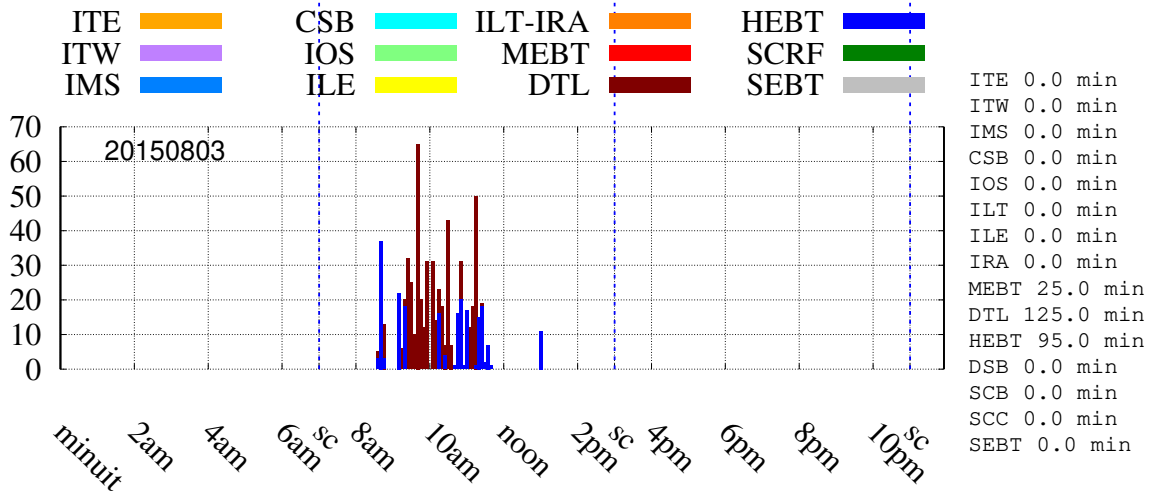
Total Commands (5min Binning)



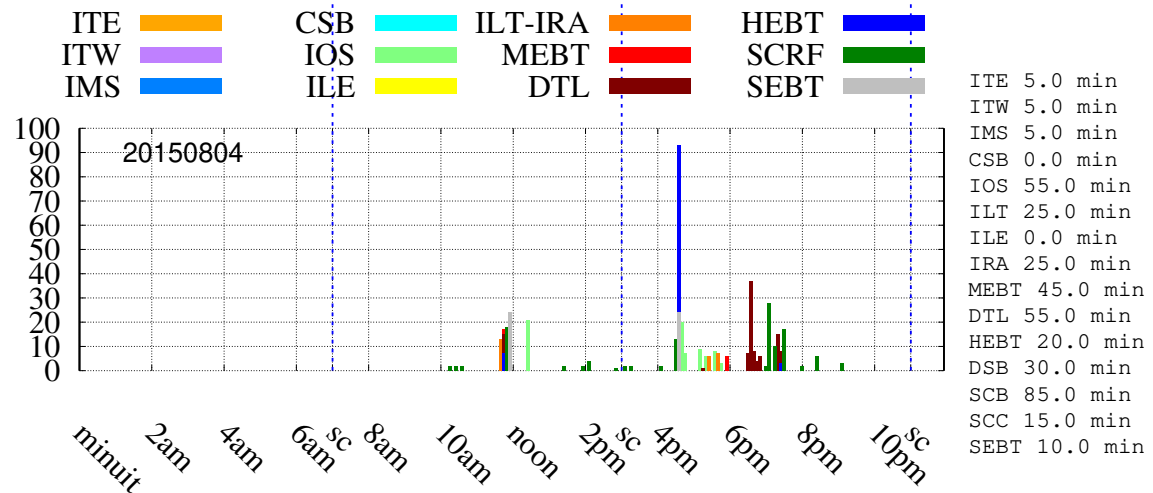
Total Commands (5min Binning)



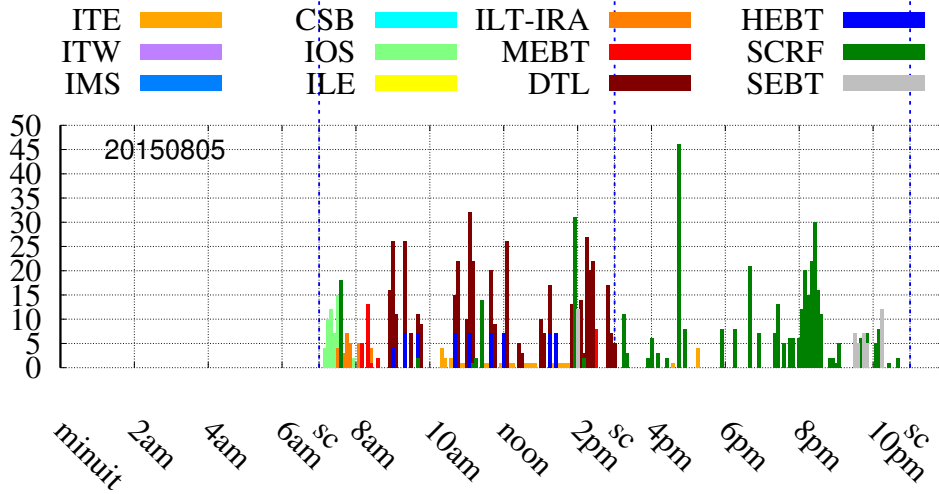
Total Commands (5min Binning)



Total Commands (5min Binning)

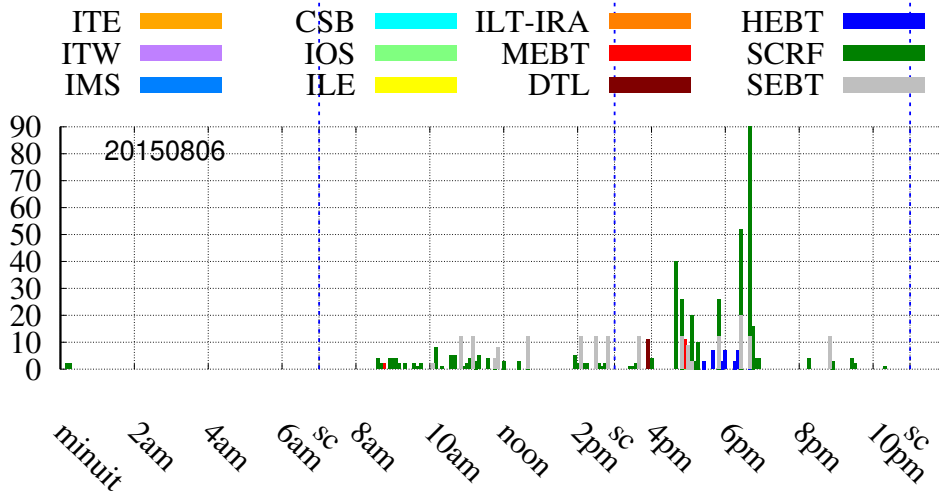


Total Commands (5min Binning)



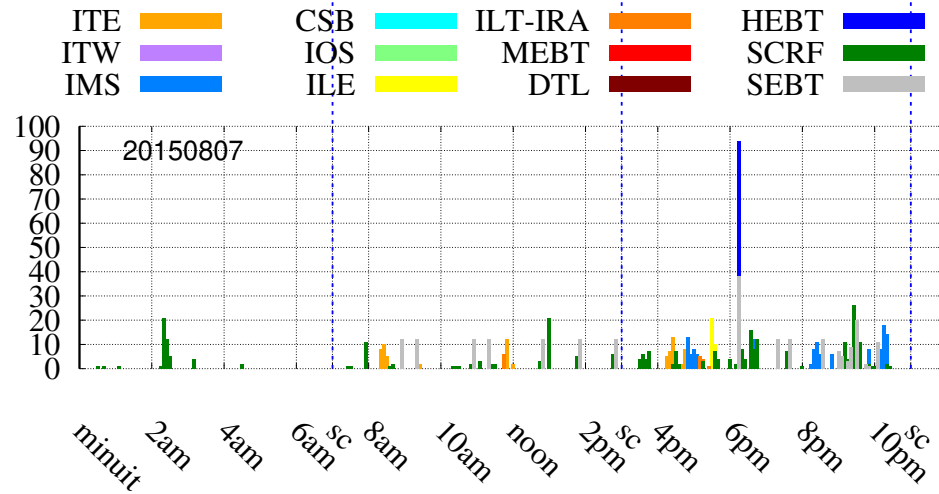
ITE	195.0 min
ITW	0.0 min
IMS	0.0 min
CSB	0.0 min
IOS	45.0 min
ILT-IRA	35.0 min
ILE	0.0 min
IRA	35.0 min
MEBT	50.0 min
DTL	150.0 min
HEBT	60.0 min
DSB	45.0 min
SCB	190.0 min
SCC	105.0 min
SEBT	30.0 min

Total Commands (5min Binning)



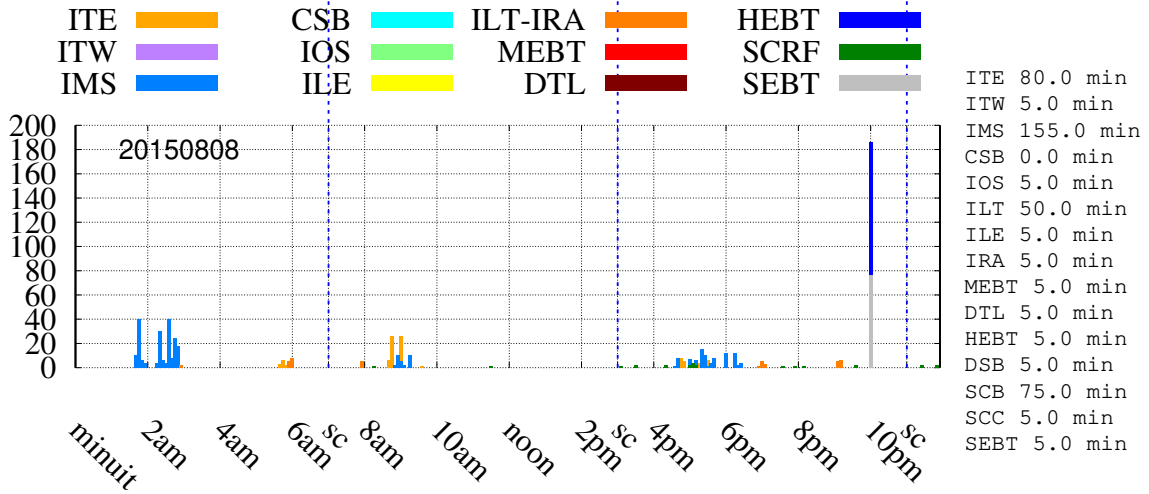
ITE	0.0 min
ITW	0.0 min
IMS	0.0 min
CSB	0.0 min
IOS	15.0 min
ILT-IRA	10.0 min
ILE	0.0 min
IRA	10.0 min
MEBT	30.0 min
DTL	20.0 min
HEBT	55.0 min
DSB	40.0 min
SCB	195.0 min
SCC	175.0 min
SEBT	85.0 min

Total Commands (5min Binning)

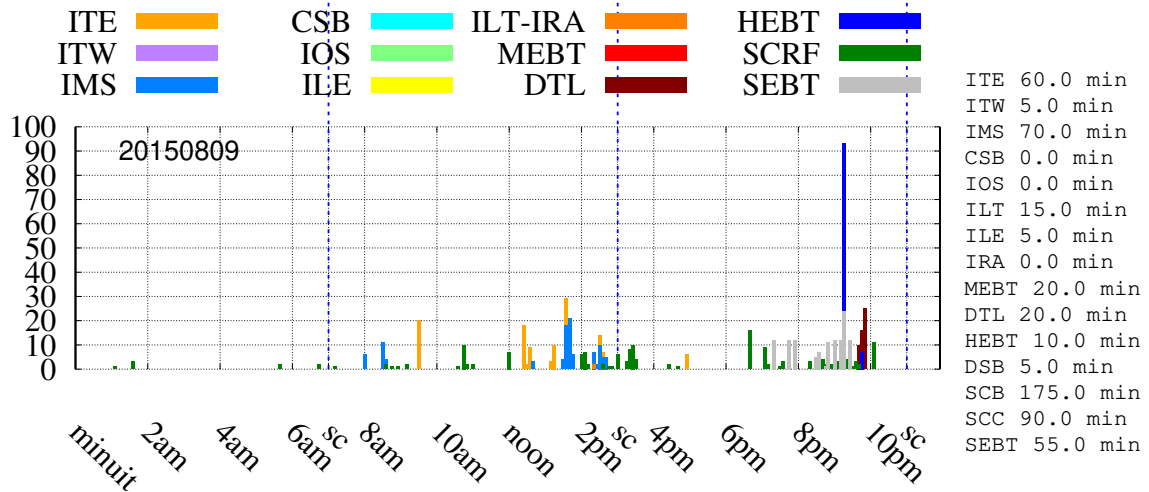


ITE	65.0 min
ITW	5.0 min
IMS	105.0 min
CSB	0.0 min
IOS	5.0 min
ILT-IRA	25.0 min
ILE	20.0 min
IRA	5.0 min
MEBT	5.0 min
DTL	5.0 min
HEBT	5.0 min
DSB	15.0 min
SCB	300.0 min
SCC	125.0 min
SEBT	95.0 min

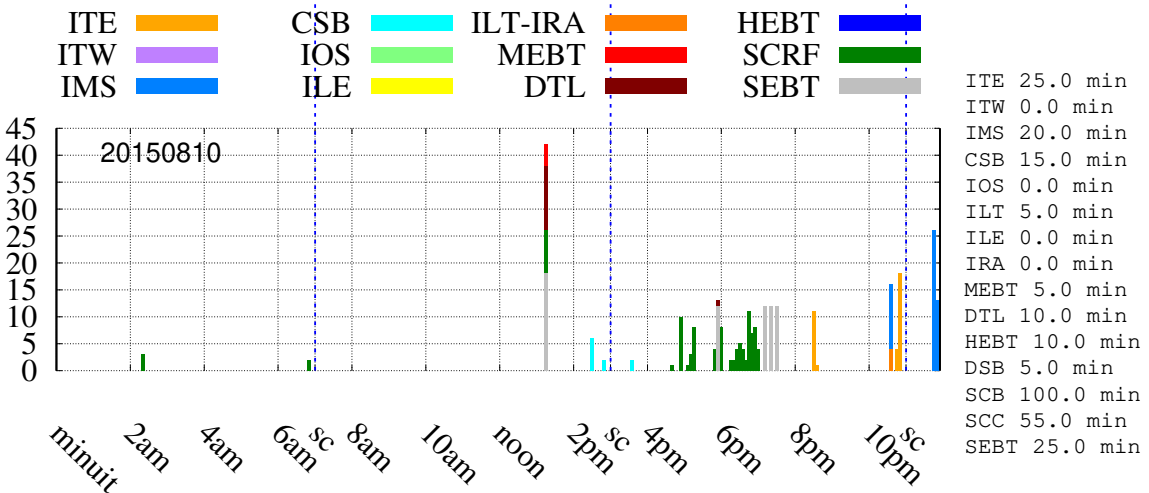
Total Commands (5min Binning)



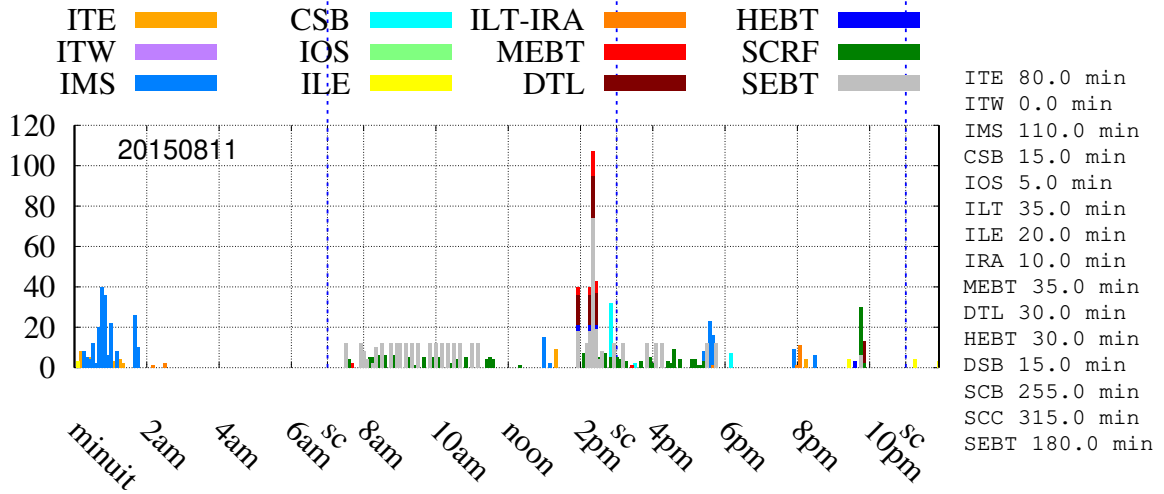
Total Commands (5min Binning)



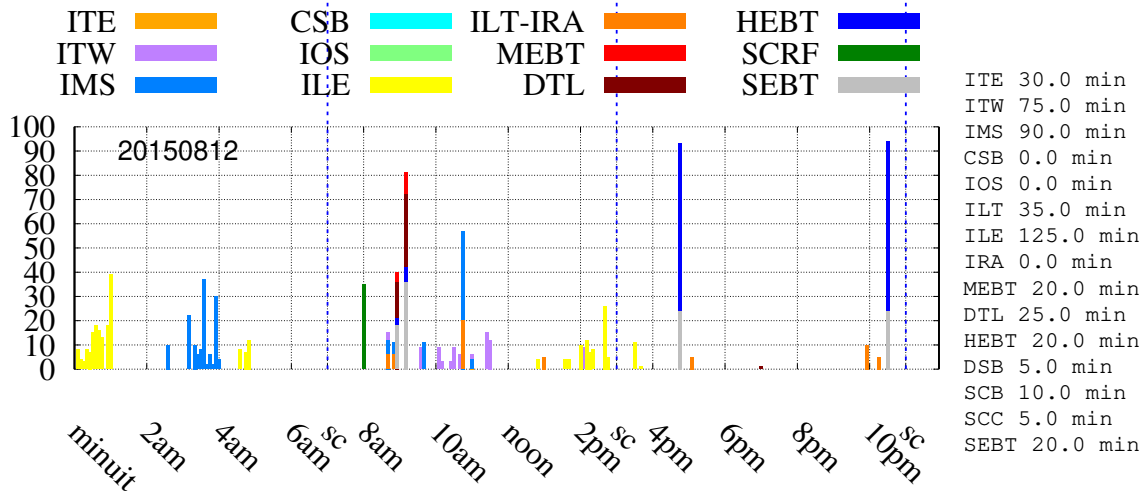
Total Commands (5min Binning)



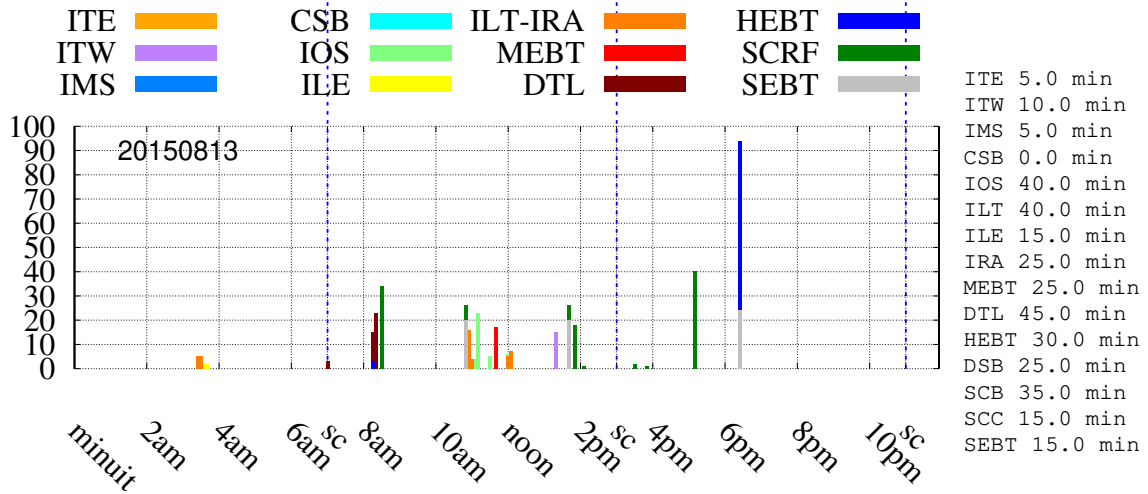
Total Commands (5min Binning)

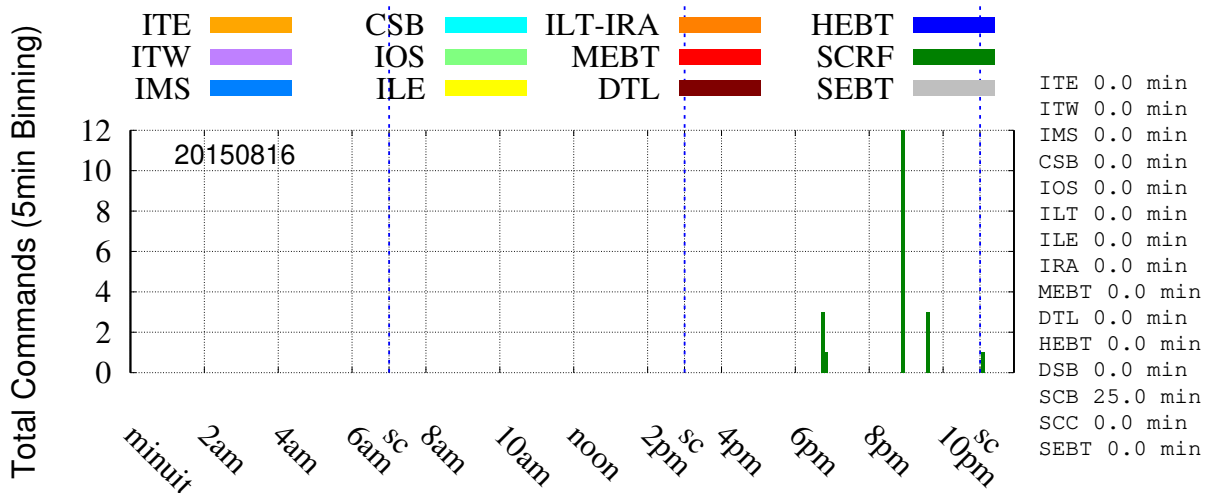
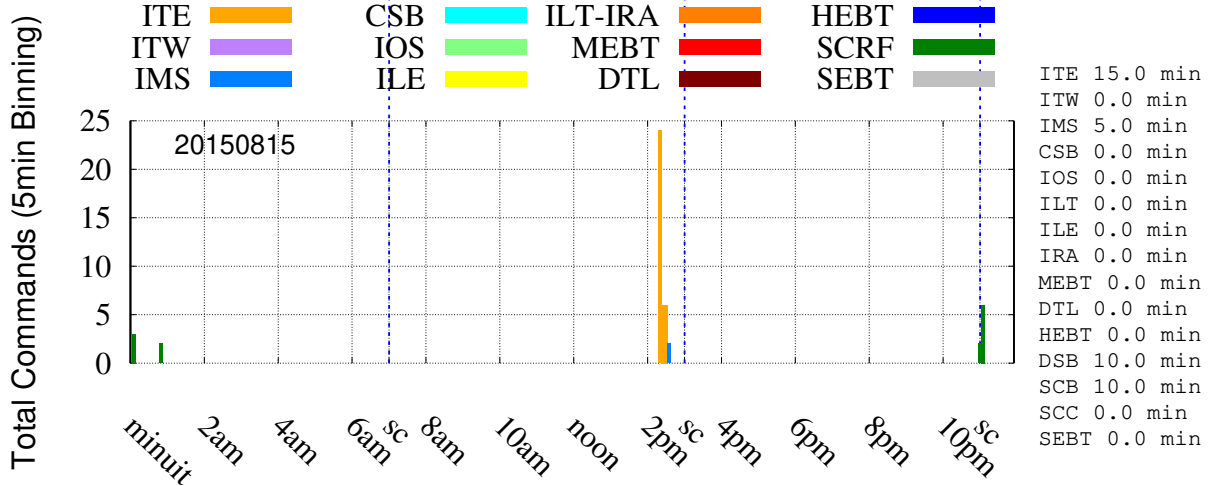
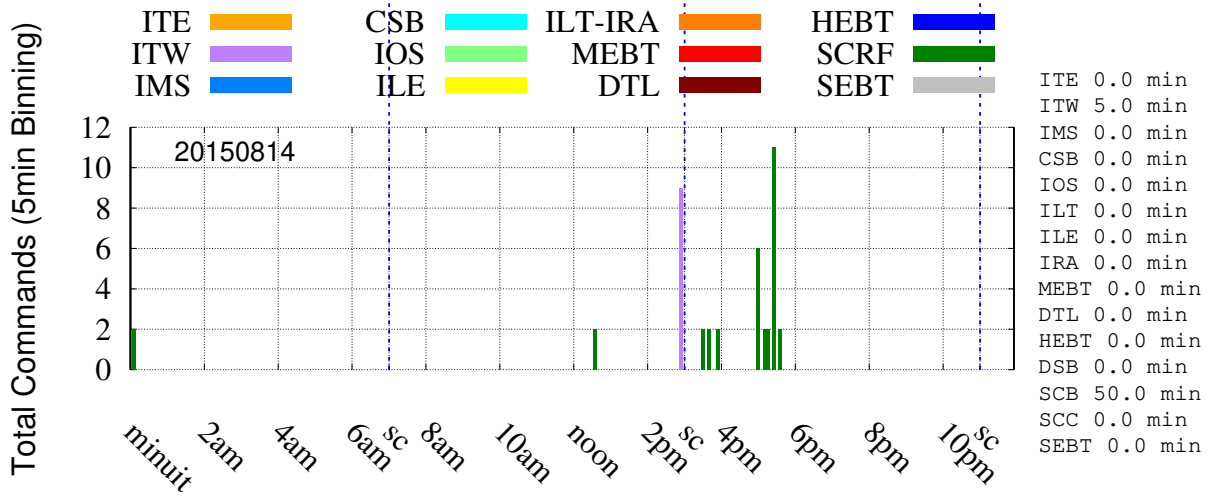


Total Commands (5min Binning)

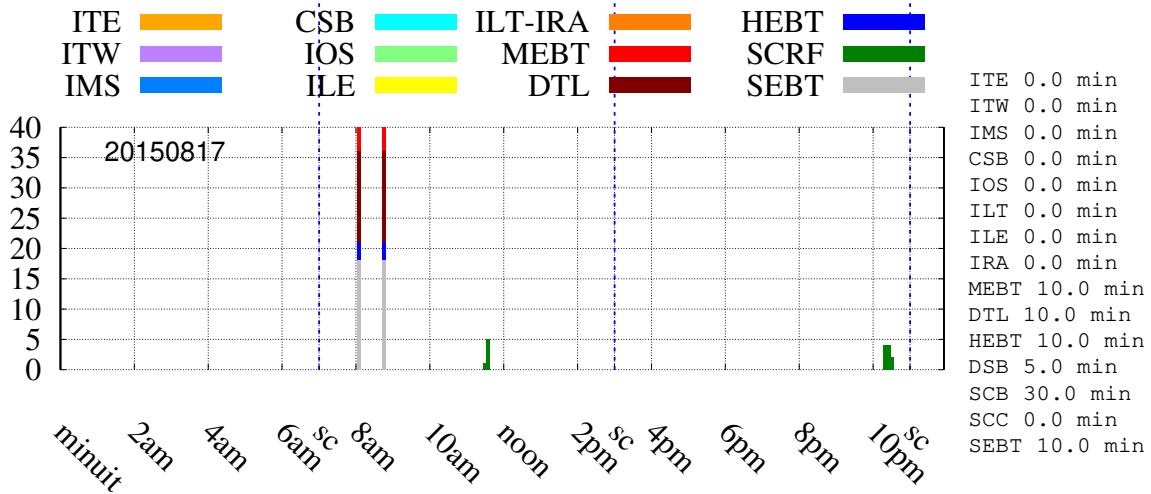


Total Commands (5min Binning)

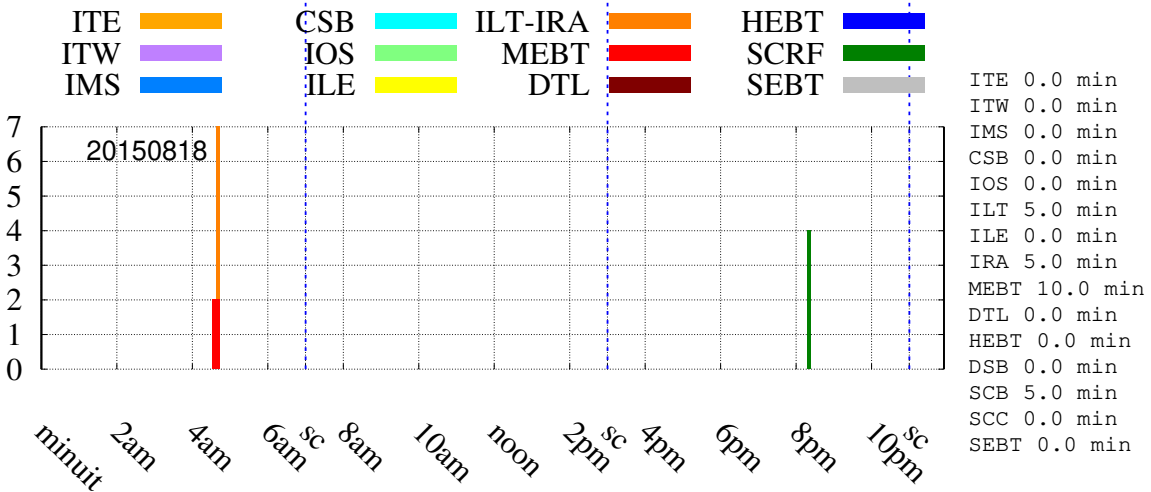




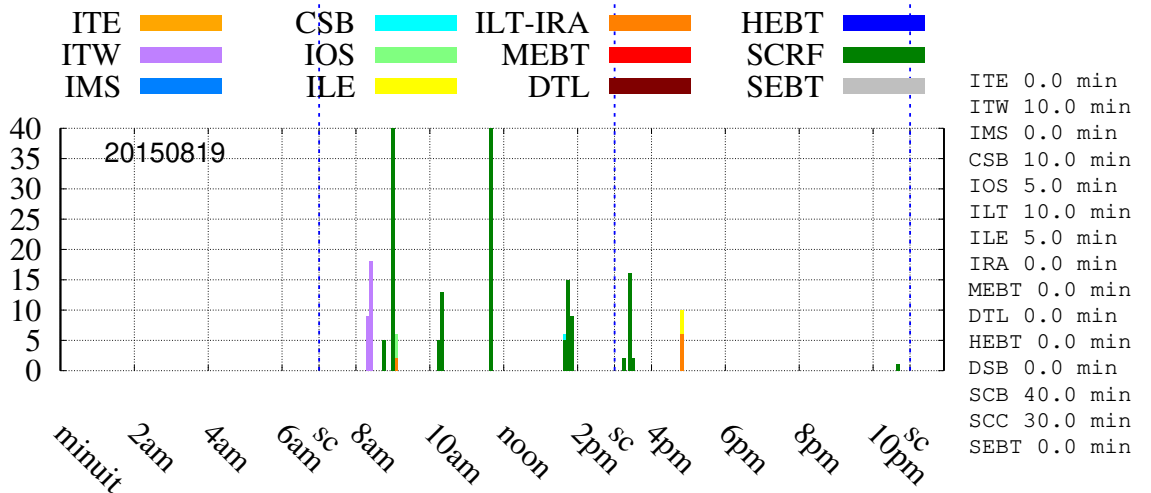
Total Commands (5min Binning)



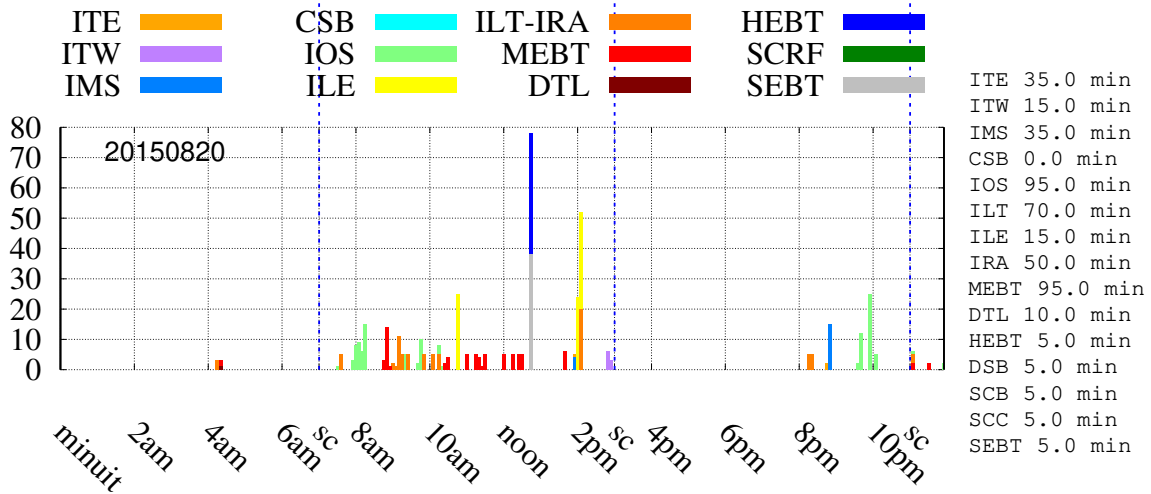
Total Commands (5min Binning)



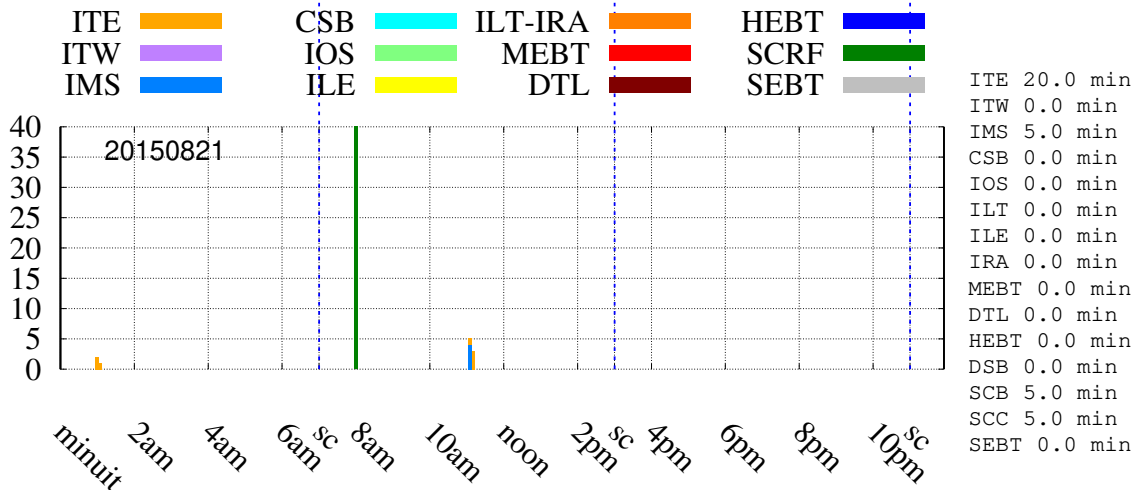
Total Commands (5min Binning)



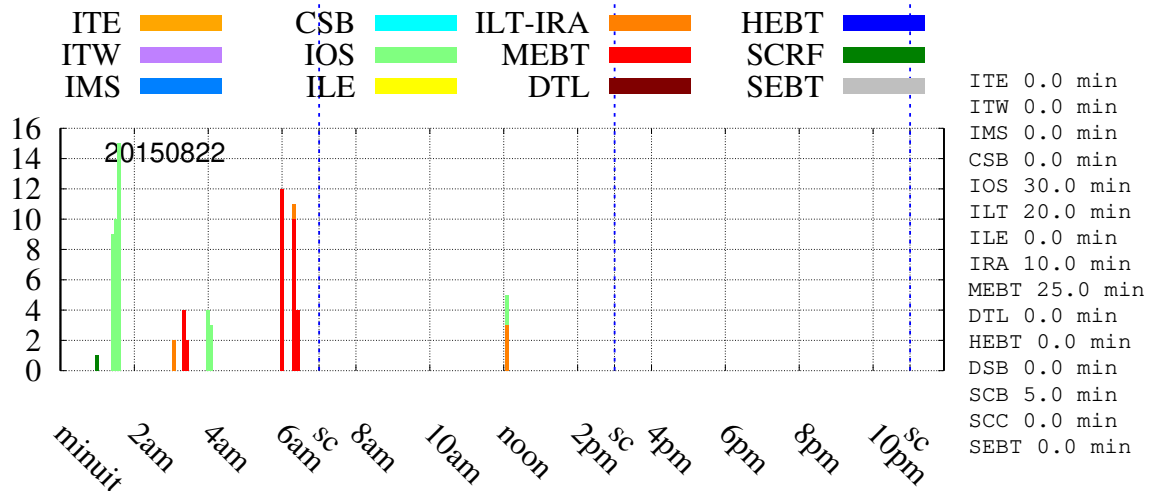
Total Commands (5min Binning)



Total Commands (5min Binning)

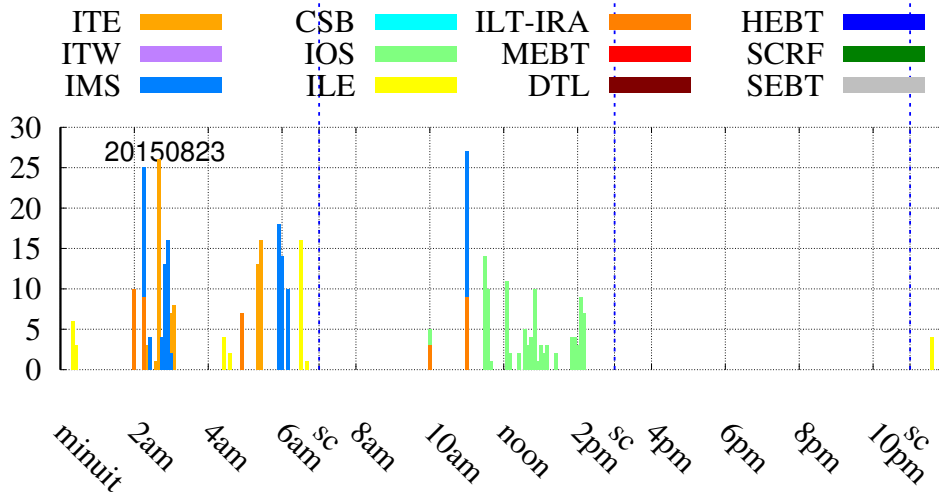


Total Commands (5min Binning)



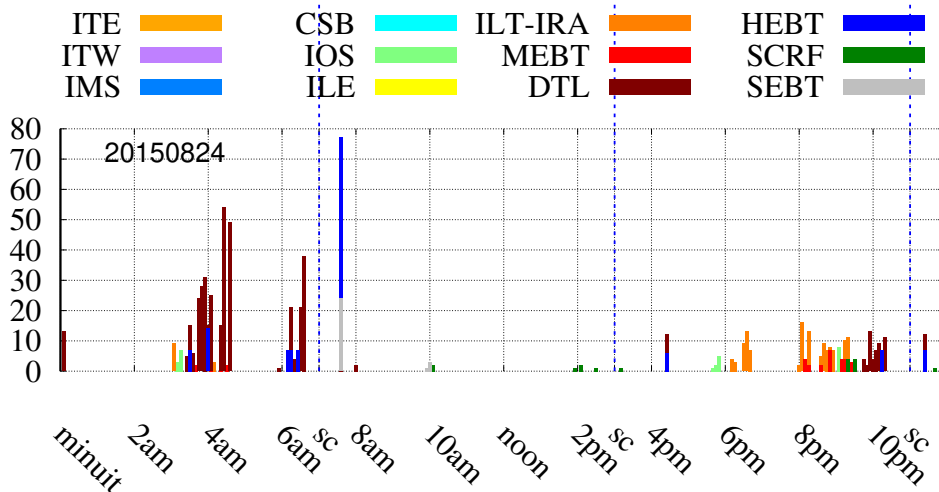


Total Commands (5min Binning)



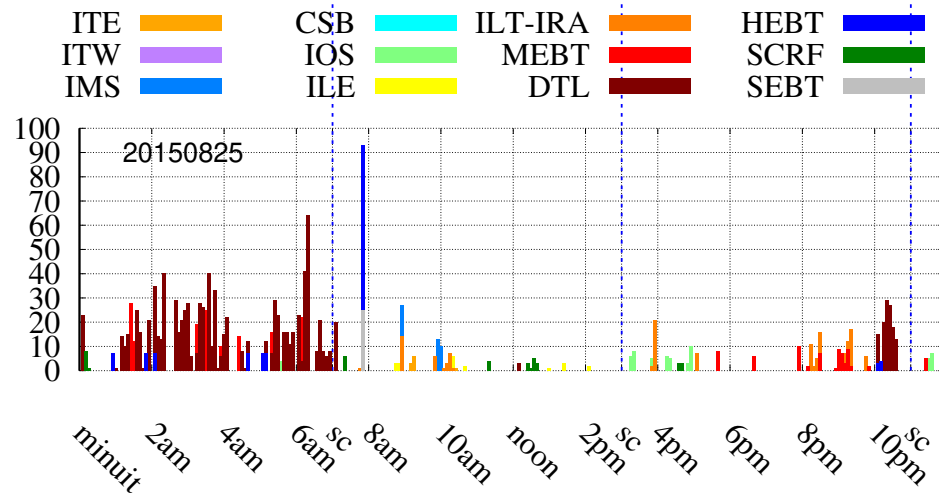
ITE	55.0 min
ITW	0.0 min
IMS	55.0 min
CSB	0.0 min
IOS	110.0 min
ILT	30.0 min
ILE	40.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)



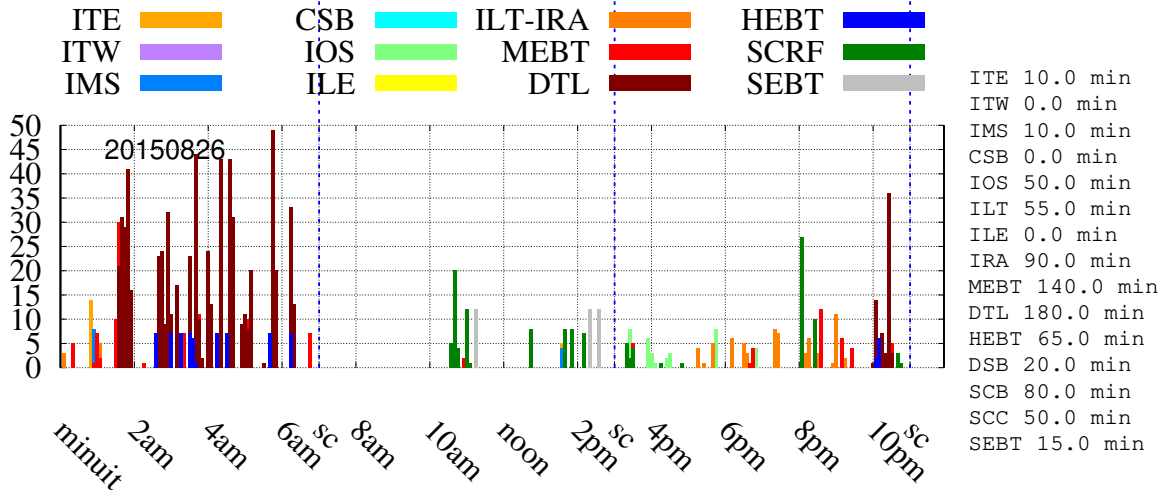
ITE	5.0 min
ITW	5.0 min
IMS	5.0 min
CSB	0.0 min
IOS	50.0 min
ILT	95.0 min
ILE	5.0 min
IRA	100.0 min
MEBT	90.0 min
DTL	160.0 min
HEBT	45.0 min
DSB	15.0 min
SCB	20.0 min
SCC	5.0 min
SEBT	15.0 min

Total Commands (5min Binning)

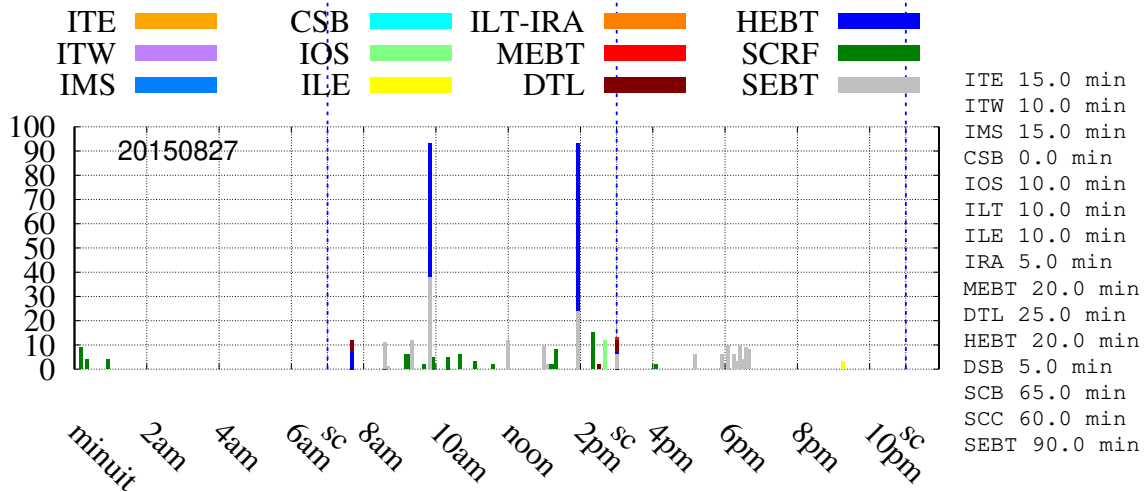


ITE	20.0 min
ITW	5.0 min
IMS	20.0 min
CSB	0.0 min
IOS	70.0 min
ILT	95.0 min
ILE	50.0 min
IRA	75.0 min
MEBT	165.0 min
DTL	295.0 min
HEBT	45.0 min
DSB	30.0 min
SCB	20.0 min
SCC	0.0 min
SEBT	5.0 min

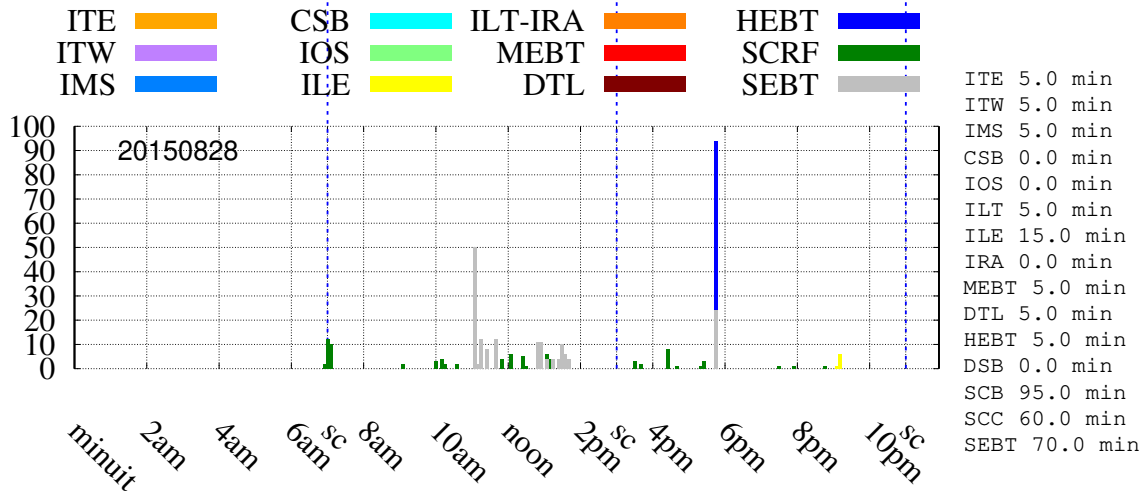
Total Commands (5min Binning)



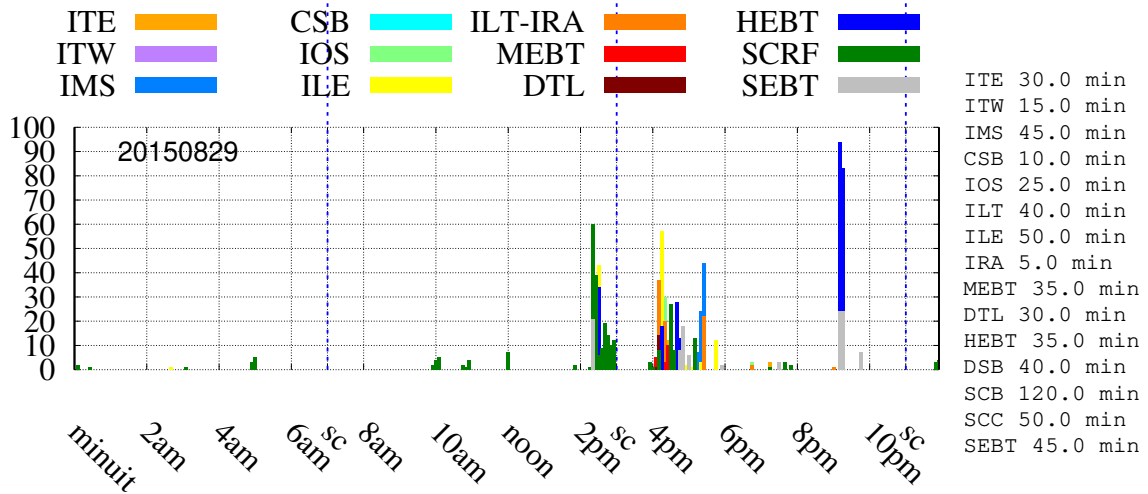
Total Commands (5min Binning)



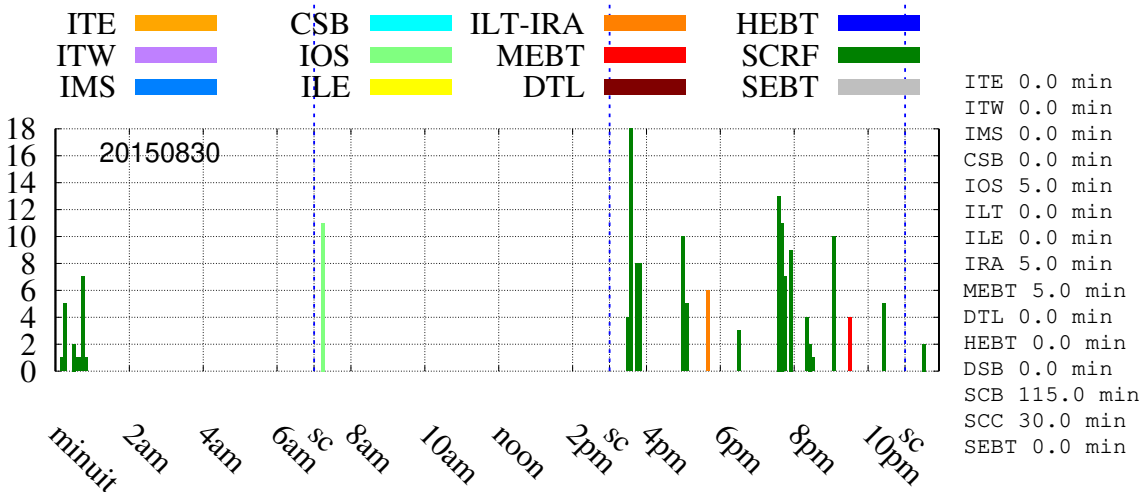
Total Commands (5min Binning)



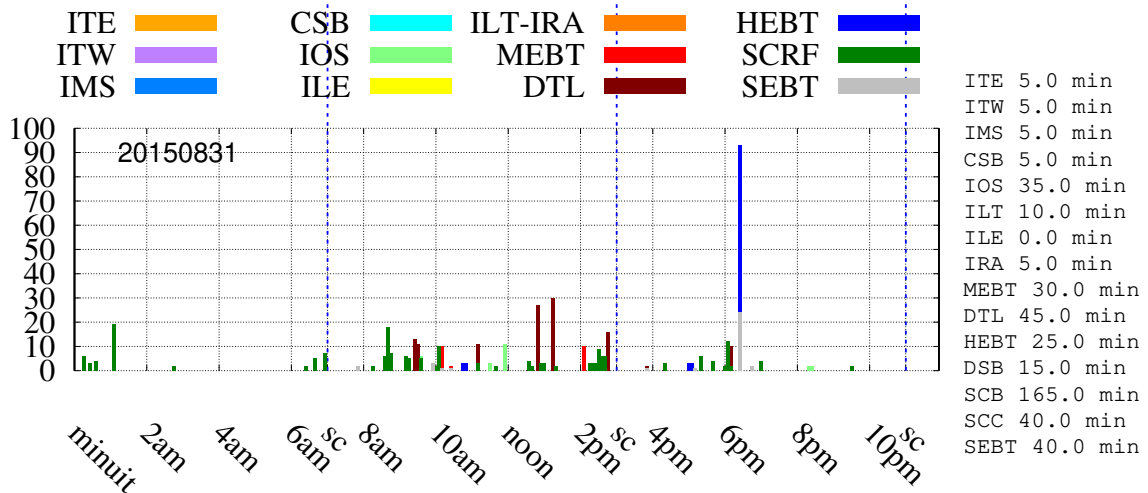
Total Commands (5min Binning)



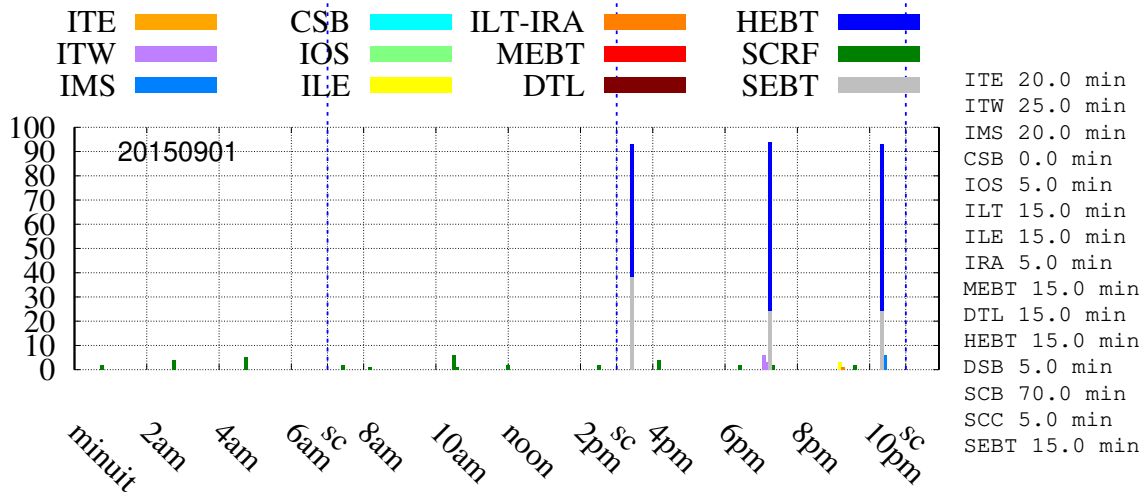
Total Commands (5min Binning)



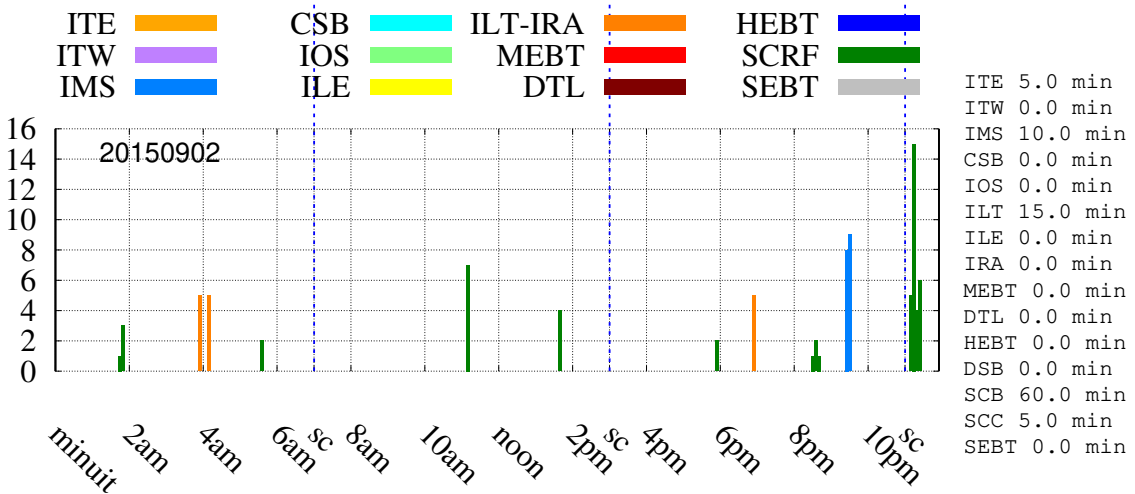
Total Commands (5min Binning)



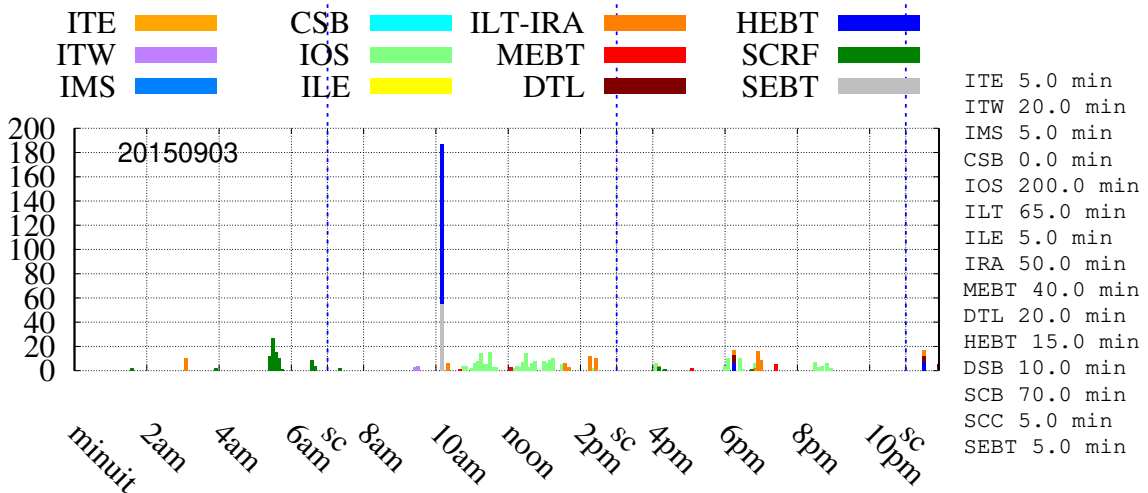
Total Commands (5min Binning)



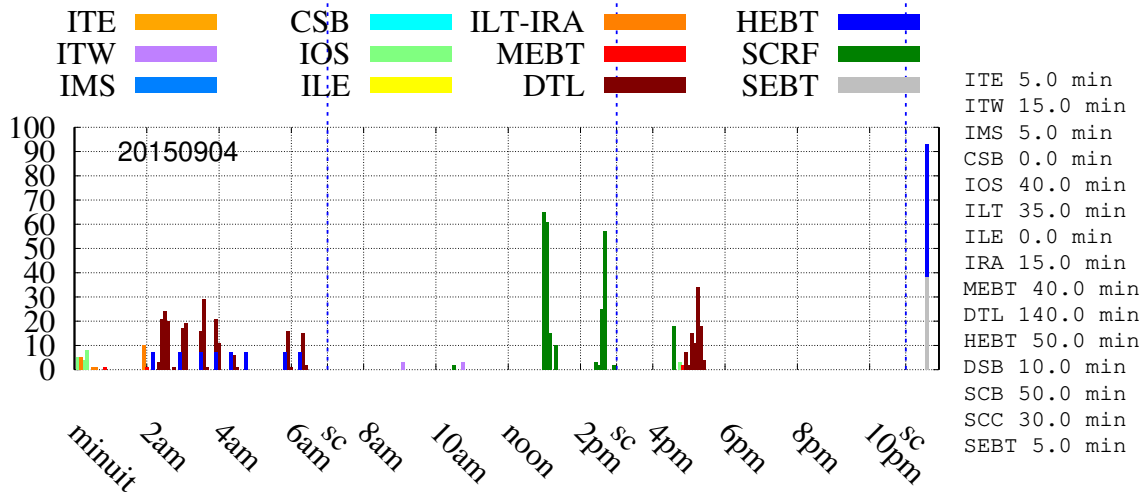
Total Commands (5min Binning)



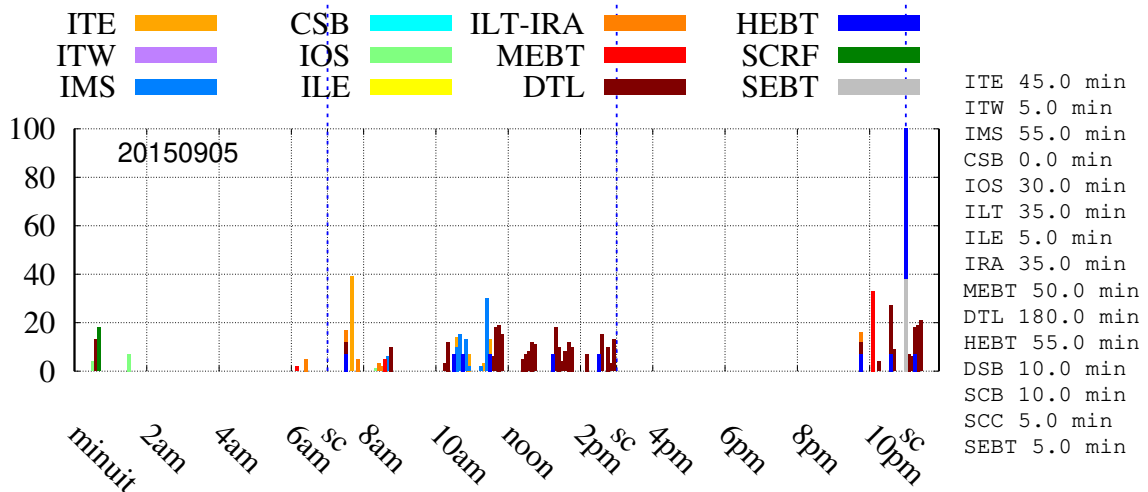
Total Commands (5min Binning)



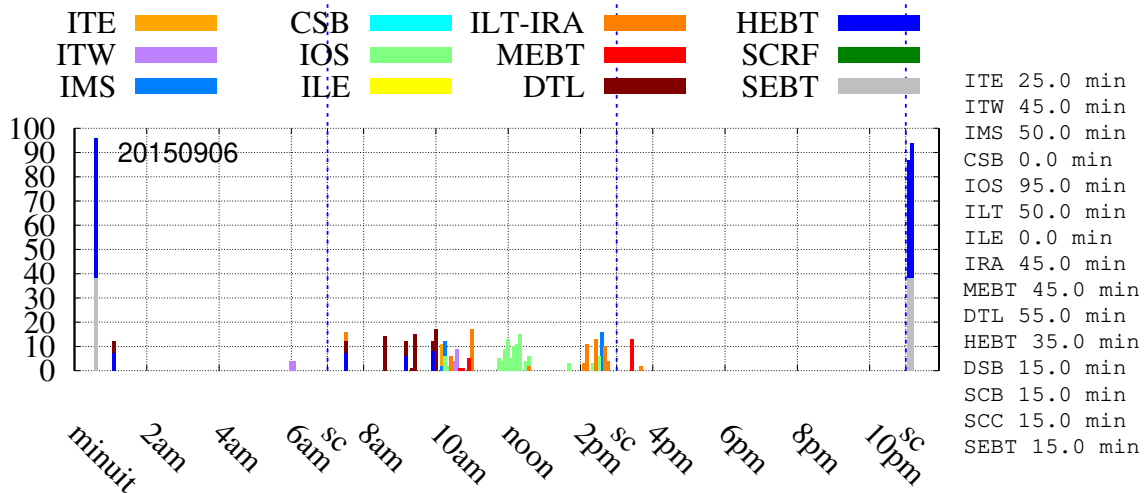
Total Commands (5min Binning)



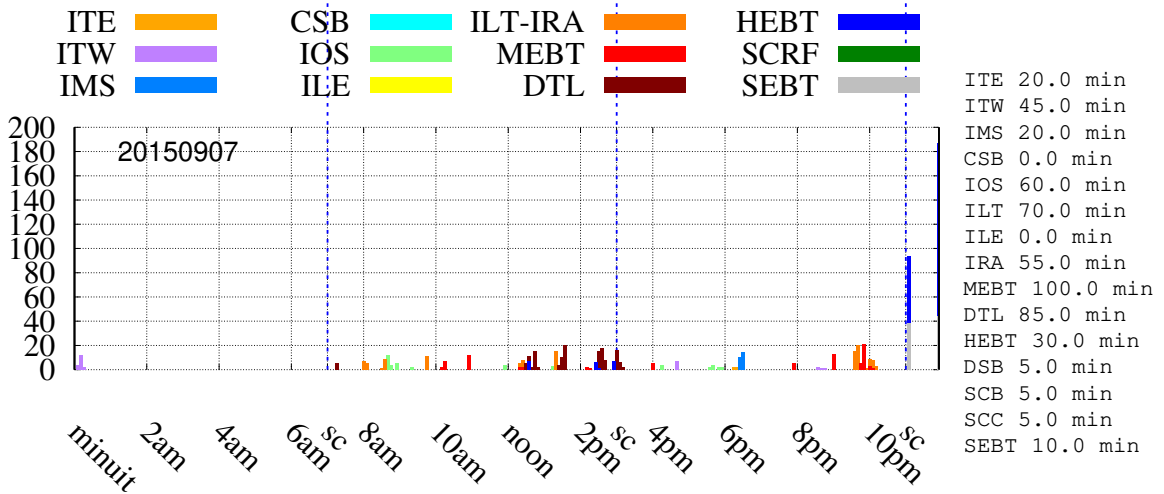
Total Commands (5min Binning)



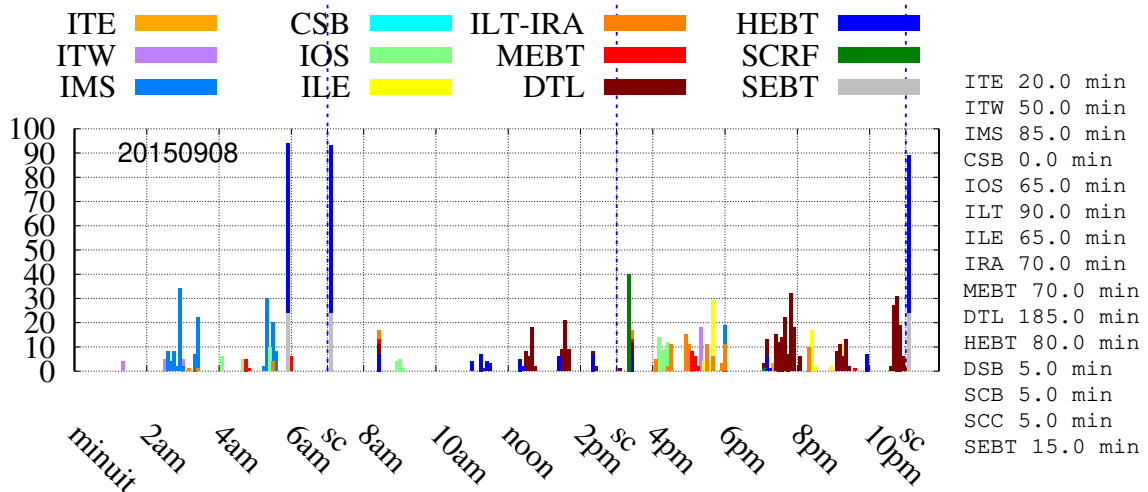
Total Commands (5min Binning)



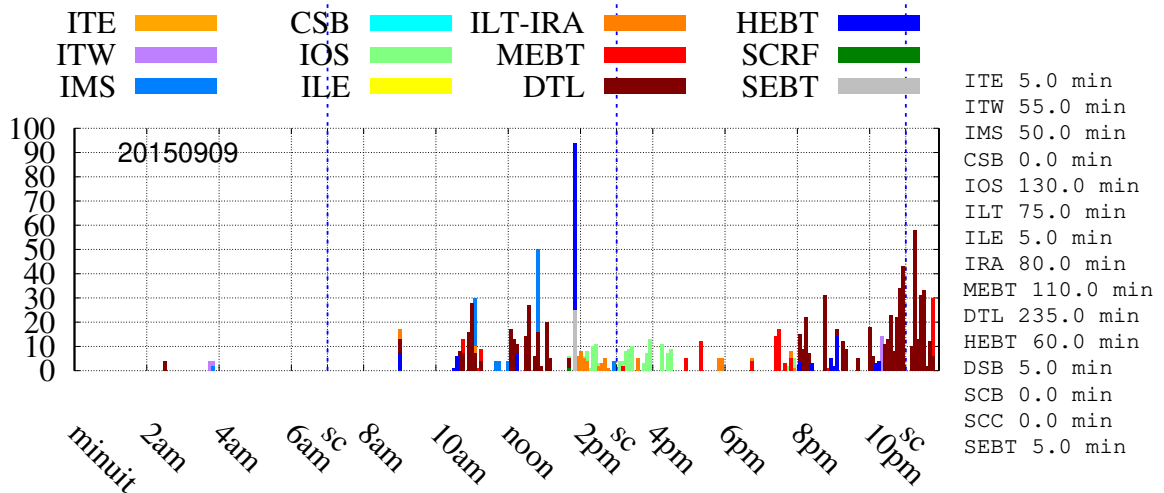
Total Commands (5min Binning)



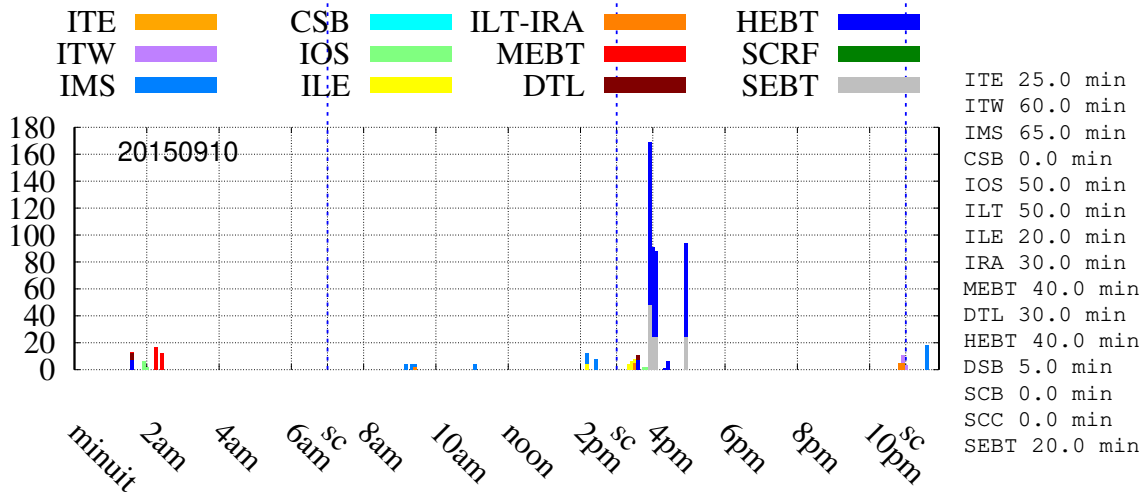
Total Commands (5min Binning)



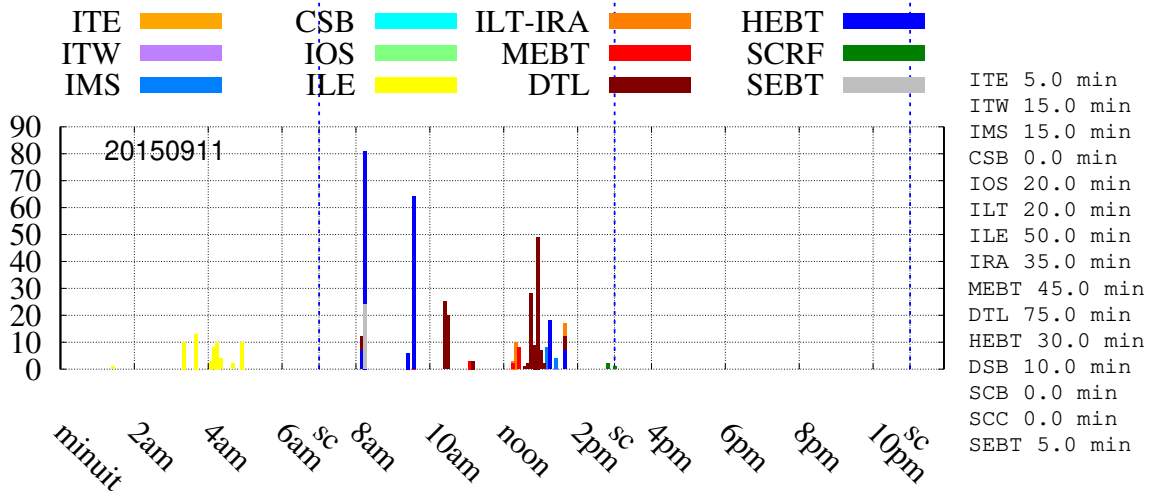
Total Commands (5min Binning)



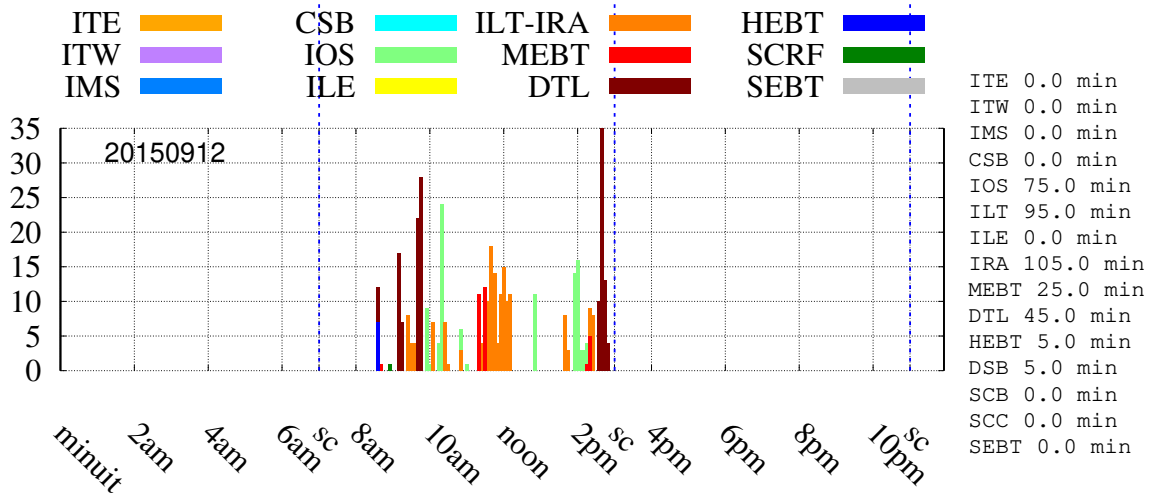
Total Commands (5min Binning)



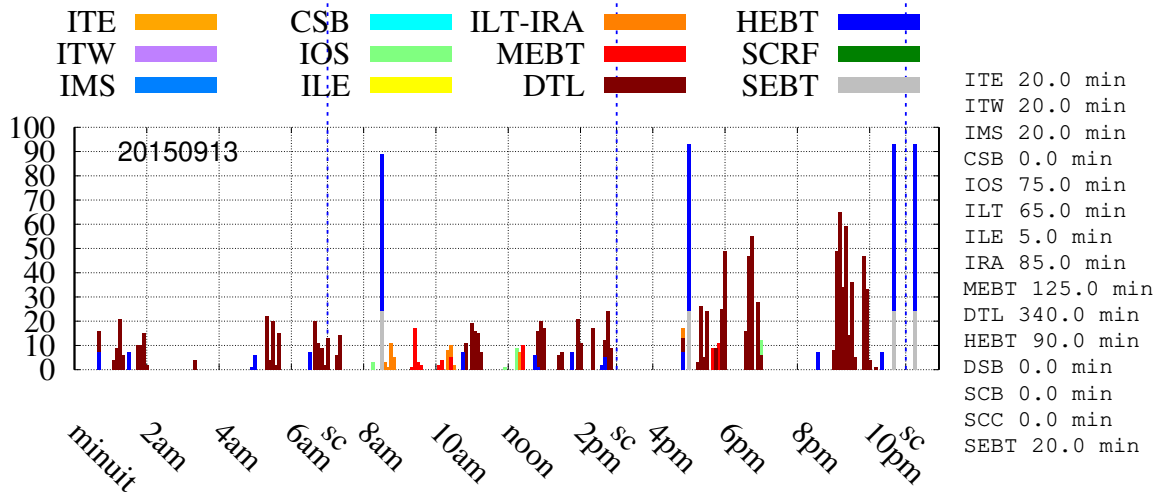
Total Commands (5min Binning)



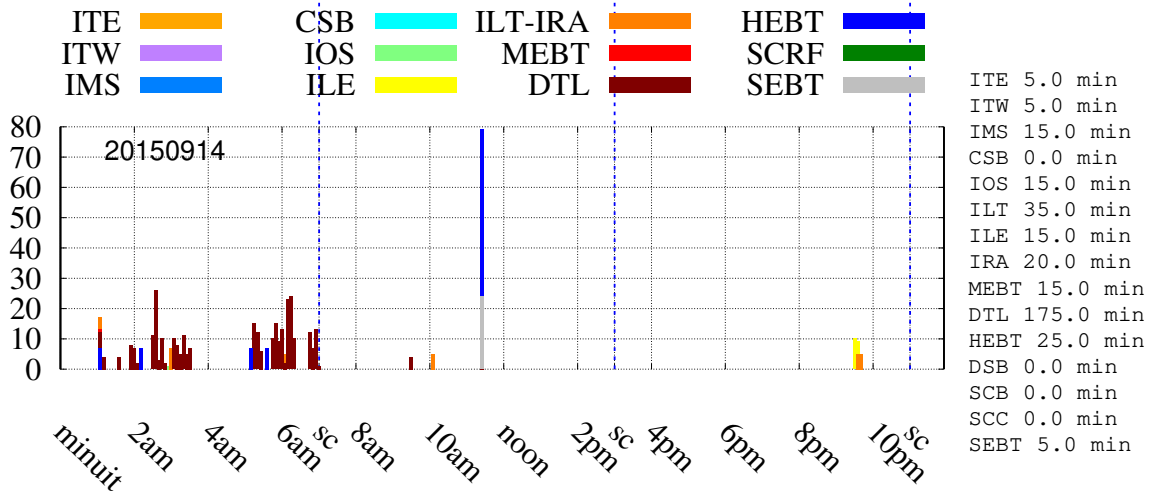
Total Commands (5min Binning)



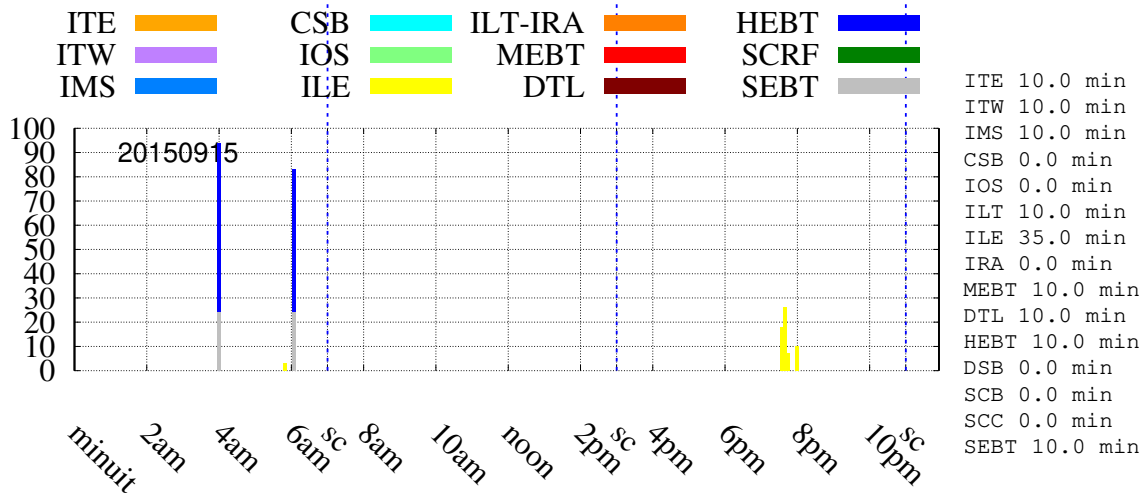
Total Commands (5min Binning)



Total Commands (5min Binning)

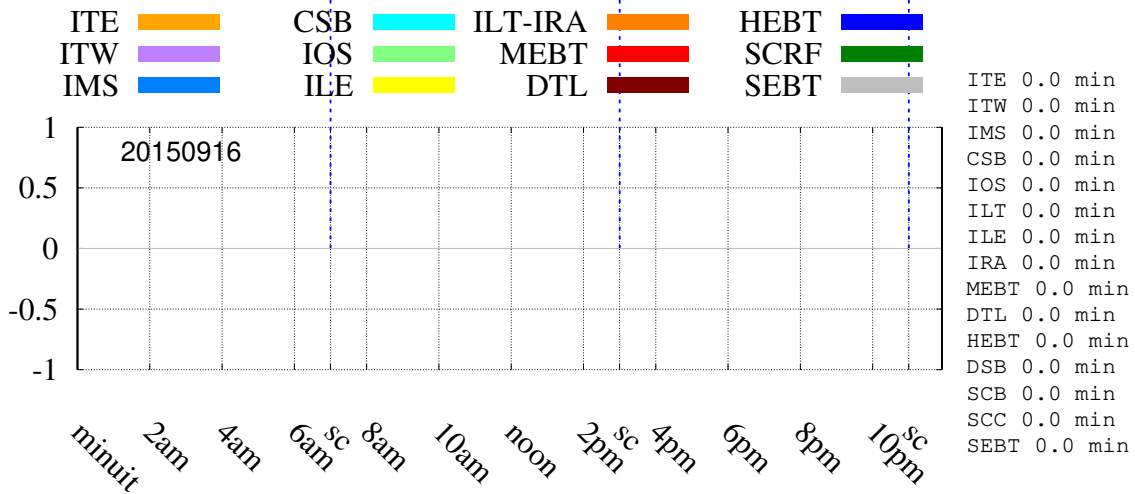


Total Commands (5min Binning)

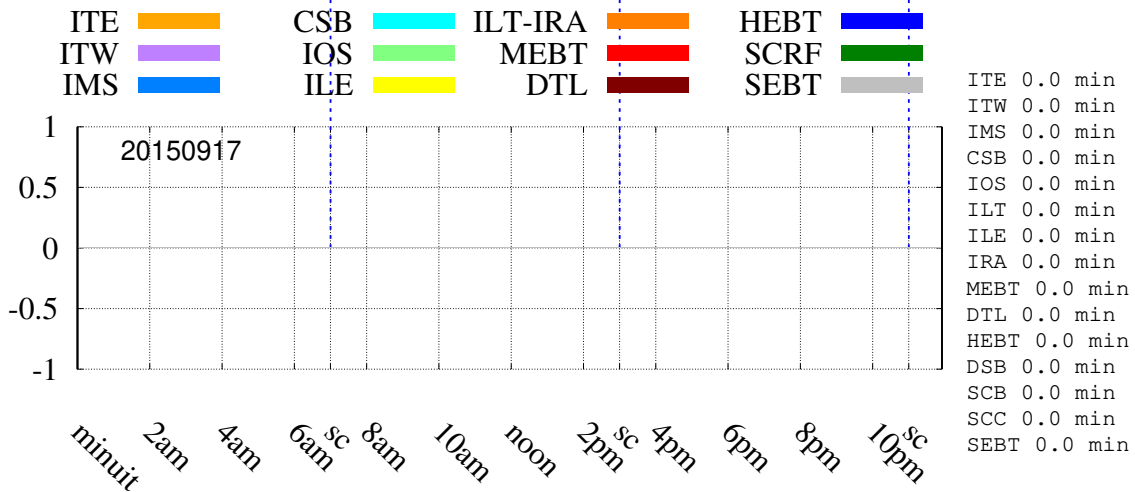




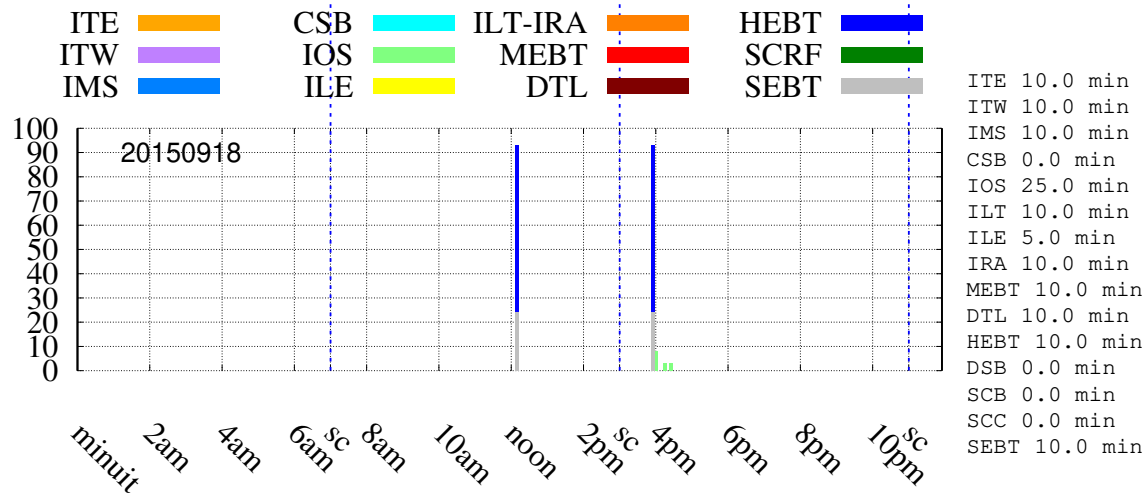
Total Commands (5min Binning)



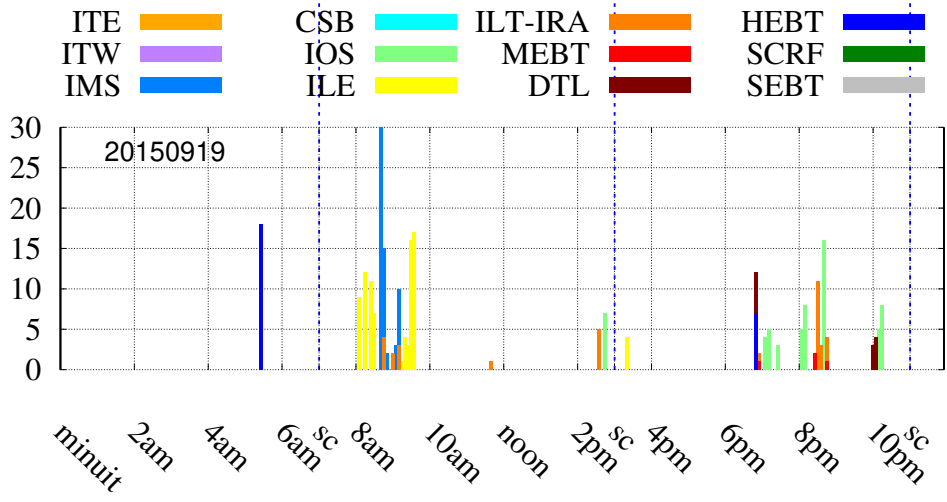
Total Commands (5min Binning)



Total Commands (5min Binning)

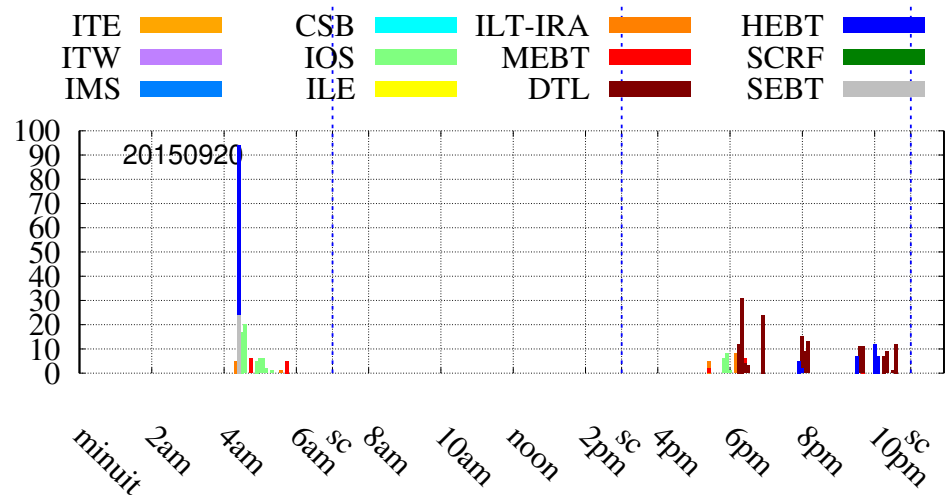


Total Commands (5min Binning)



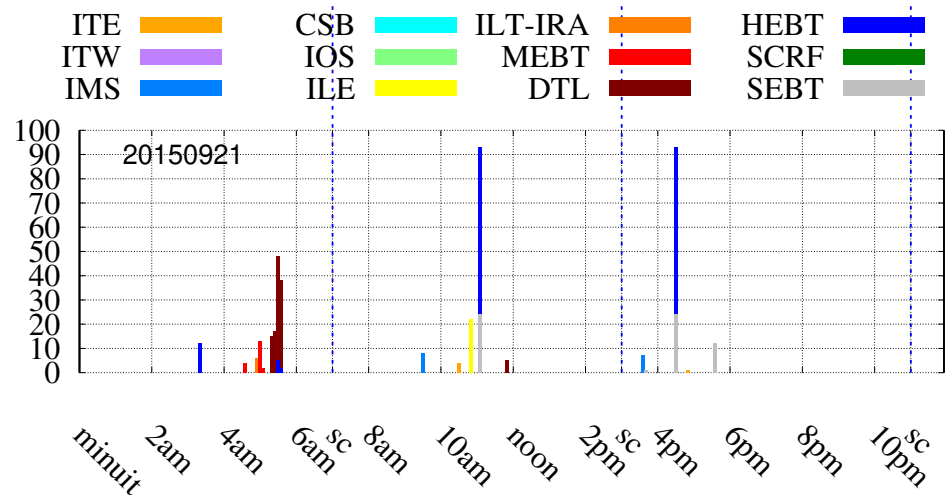
ITE	0.0 min
ITW	15.0 min
IMS	30.0 min
CSB	0.0 min
IOS	65.0 min
ILT-IRA	50.0 min
ILE	70.0 min
IRA	25.0 min
MEBT	25.0 min
DTL	20.0 min
HEBT	10.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)



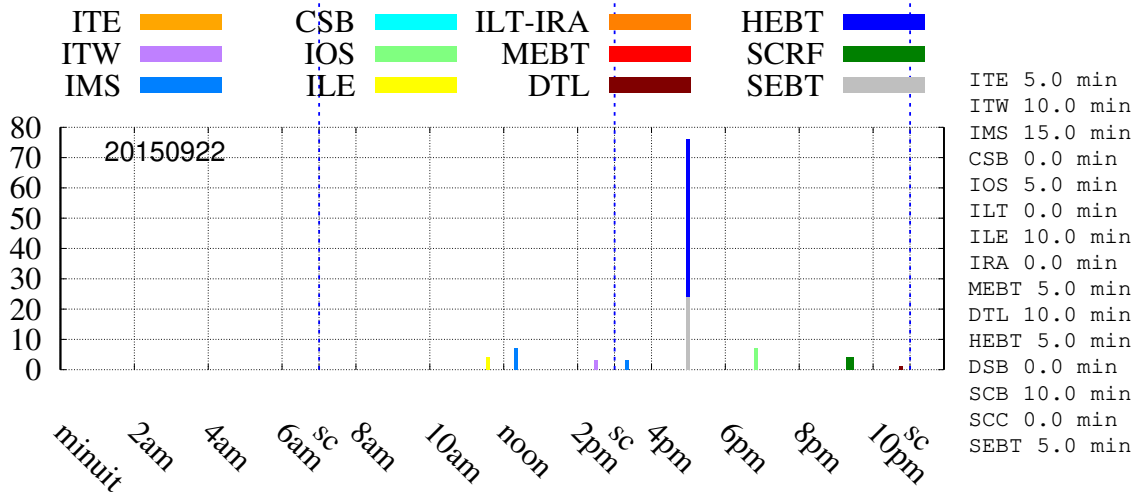
ITE	5.0 min
ITW	5.0 min
IMS	5.0 min
CSB	0.0 min
IOS	65.0 min
ILT-IRA	25.0 min
ILE	5.0 min
IRA	20.0 min
MEBT	35.0 min
DTL	75.0 min
HEBT	30.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	5.0 min

Total Commands (5min Binning)

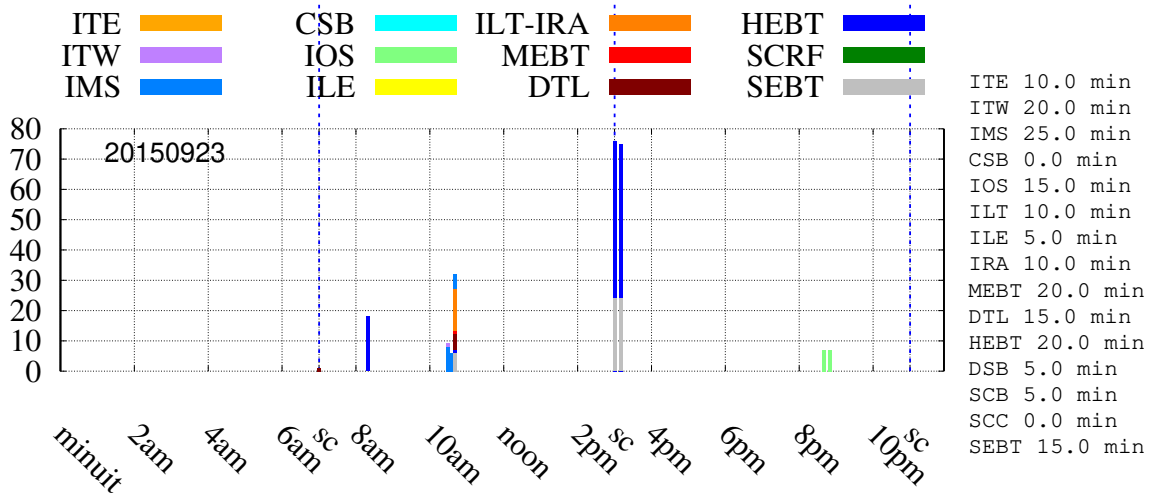


ITE	20.0 min
ITW	10.0 min
IMS	20.0 min
CSB	0.0 min
IOS	20.0 min
ILT-IRA	20.0 min
ILE	10.0 min
IRA	25.0 min
MEBT	40.0 min
DTL	35.0 min
HEBT	25.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	20.0 min

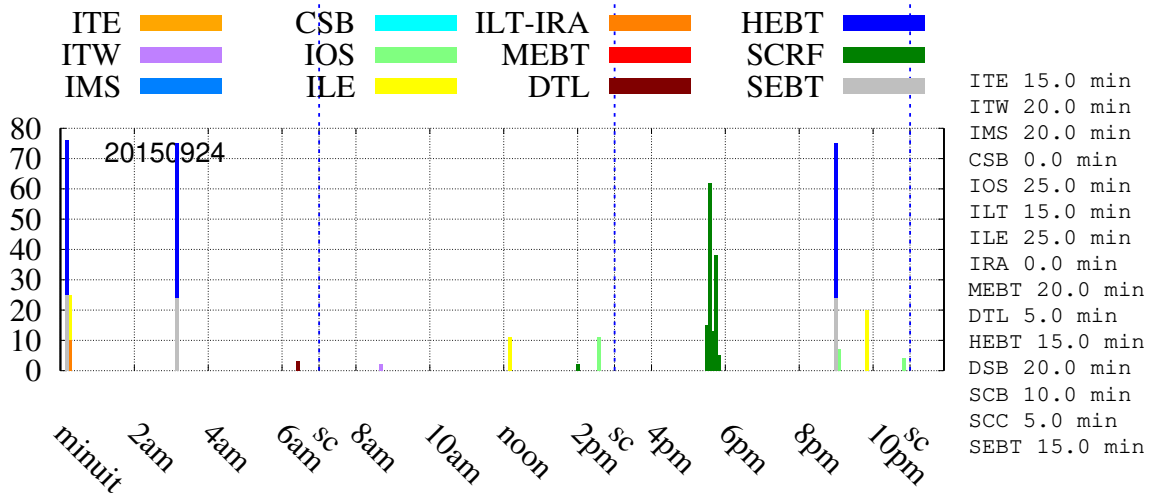
Total Commands (5min Binning)



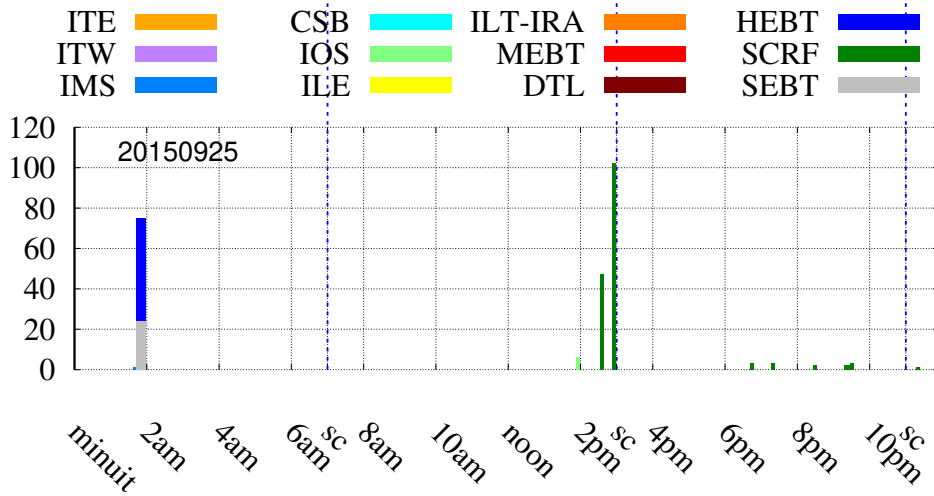
Total Commands (5min Binning)



Total Commands (5min Binning)

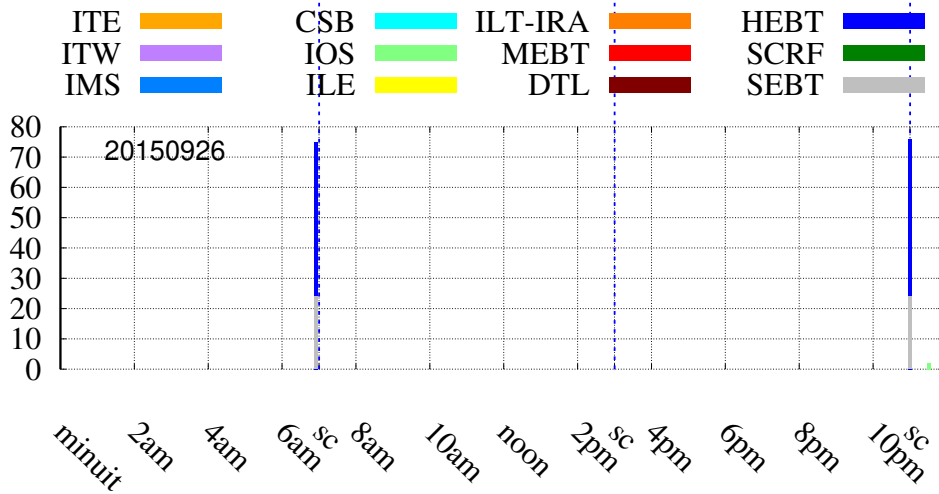


Total Commands (5min Binning)



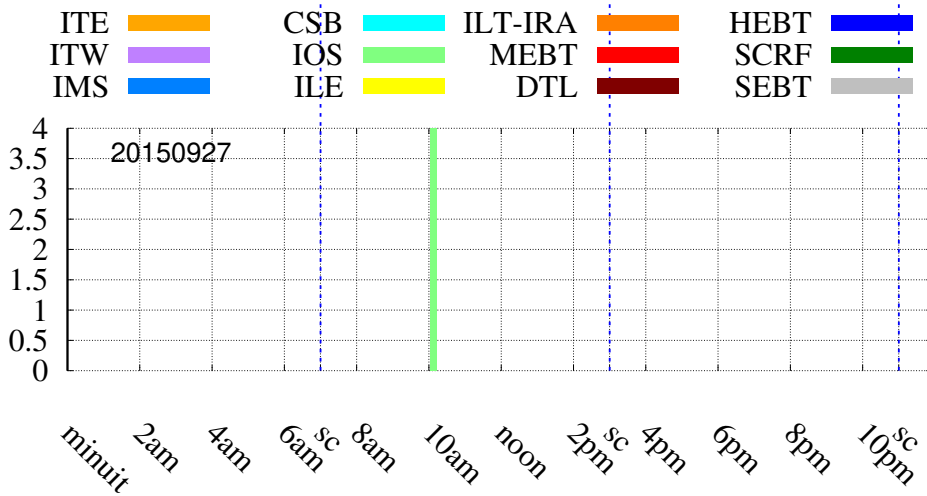
ITE	15.0 min
ITW	15.0 min
IMS	20.0 min
CSB	0.0 min
IOS	5.0 min
ILT-IRA	10.0 min
ILE	10.0 min
IRA	0.0 min
MEBT	15.0 min
DTL	0.0 min
HEBT	15.0 min
DSB	0.0 min
SCB	40.0 min
SCC	15.0 min
SEBT	15.0 min

Total Commands (5min Binning)



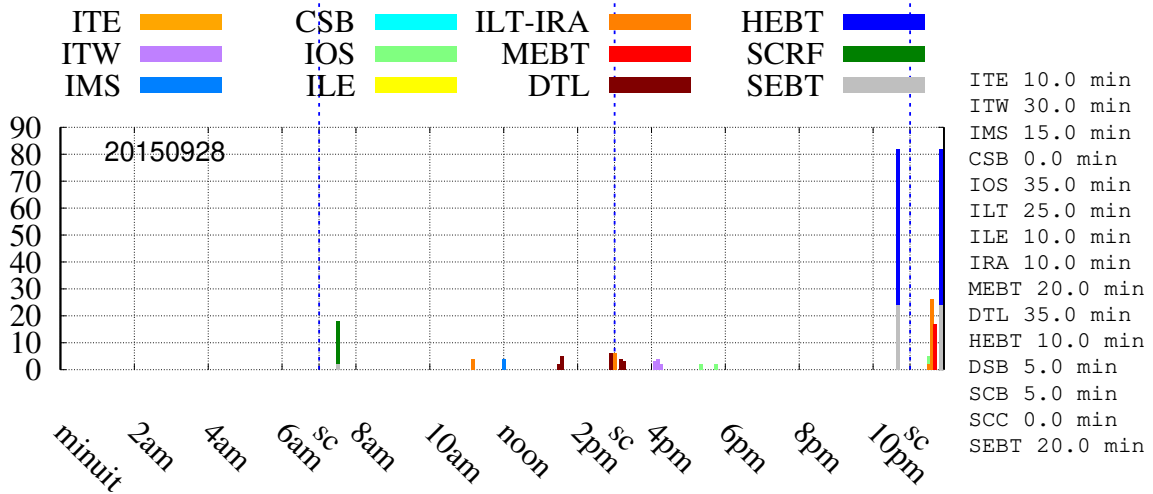
ITE	10.0 min
ITW	10.0 min
IMS	10.0 min
CSB	0.0 min
IOS	5.0 min
ILT-IRA	10.0 min
ILE	10.0 min
IRA	0.0 min
MEBT	10.0 min
DTL	0.0 min
HEBT	10.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	10.0 min

Total Commands (5min Binning)

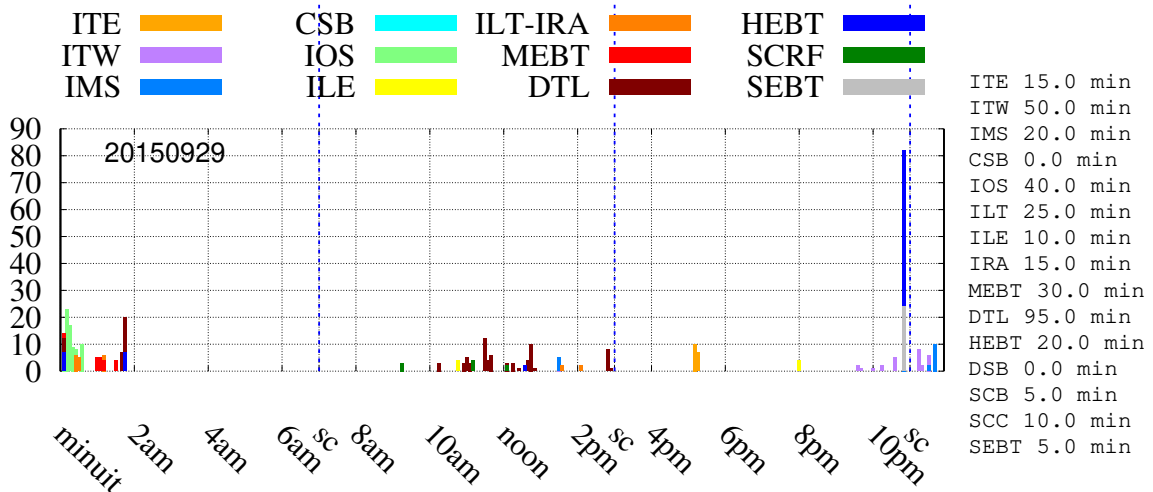


ITE	0.0 min
ITW	0.0 min
IMS	0.0 min
CSB	0.0 min
IOS	10.0 min
ILT-IRA	0.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	0.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

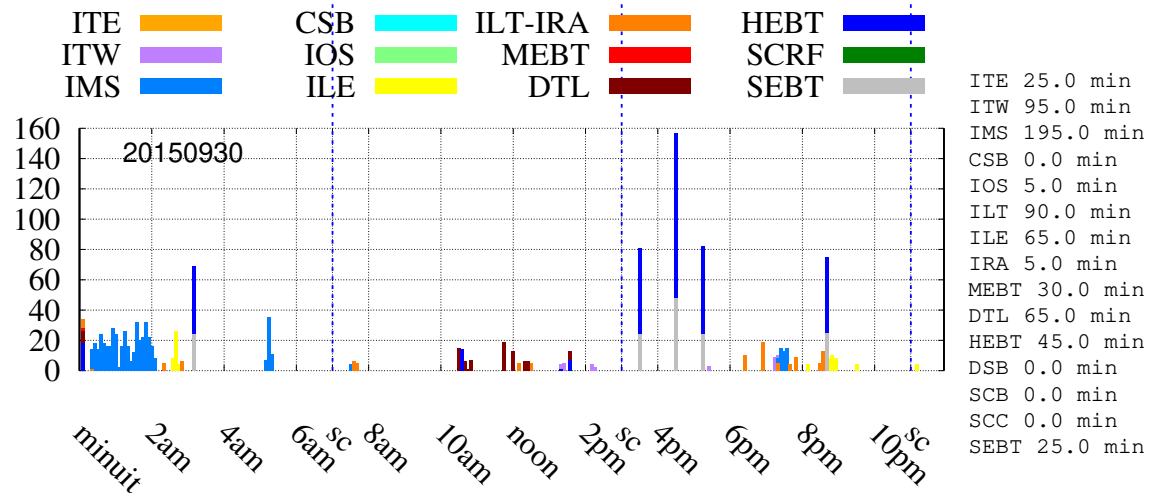
Total Commands (5min Binning)



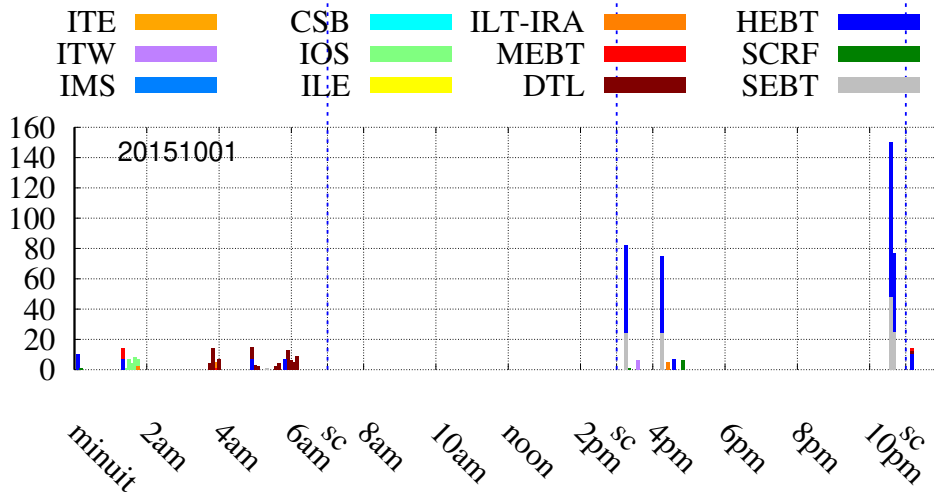
Total Commands (5min Binning)



Total Commands (5min Binning)

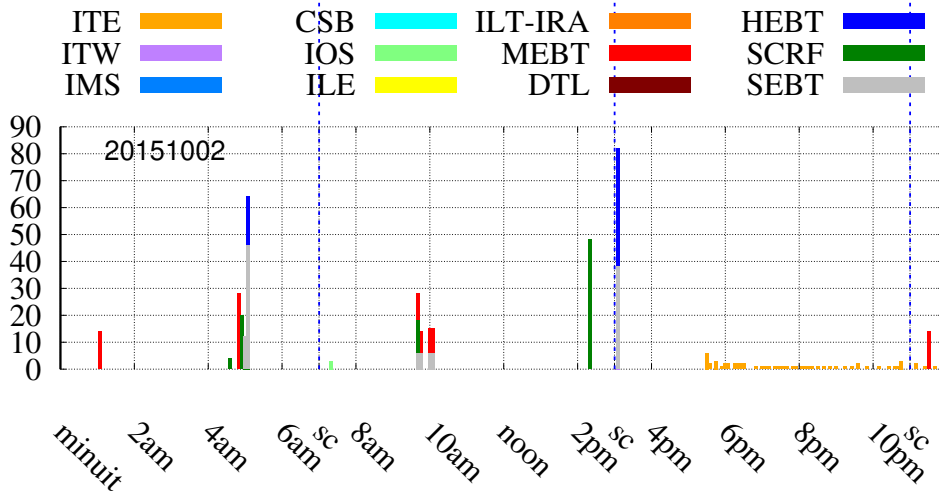


Total Commands (5min Binning)



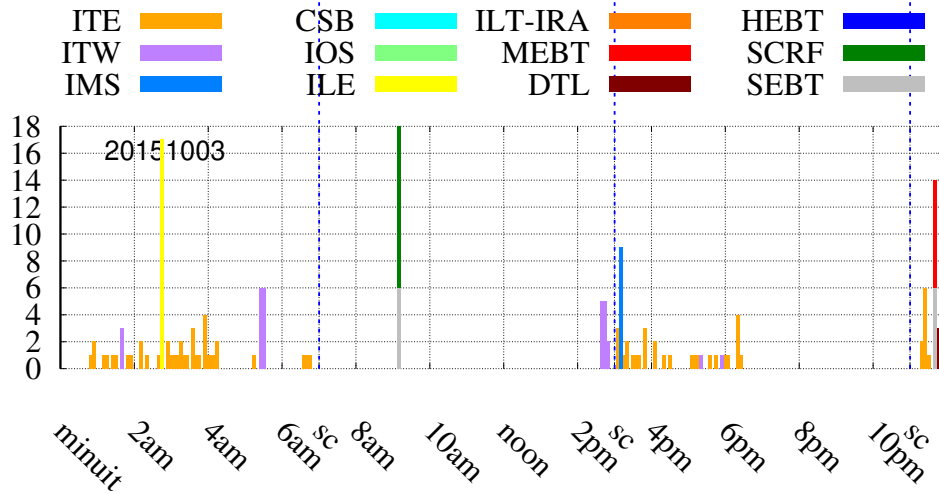
ITE	20.0 min
ITW	30.0 min
IMS	25.0 min
CSB	0.0 min
IOS	35.0 min
ILT	30.0 min
IRA	10.0 min
MEBT	45.0 min
DTL	80.0 min
HEBT	50.0 min
DSB	10.0 min
SCB	15.0 min
SCC	0.0 min
SEBT	25.0 min

Total Commands (5min Binning)

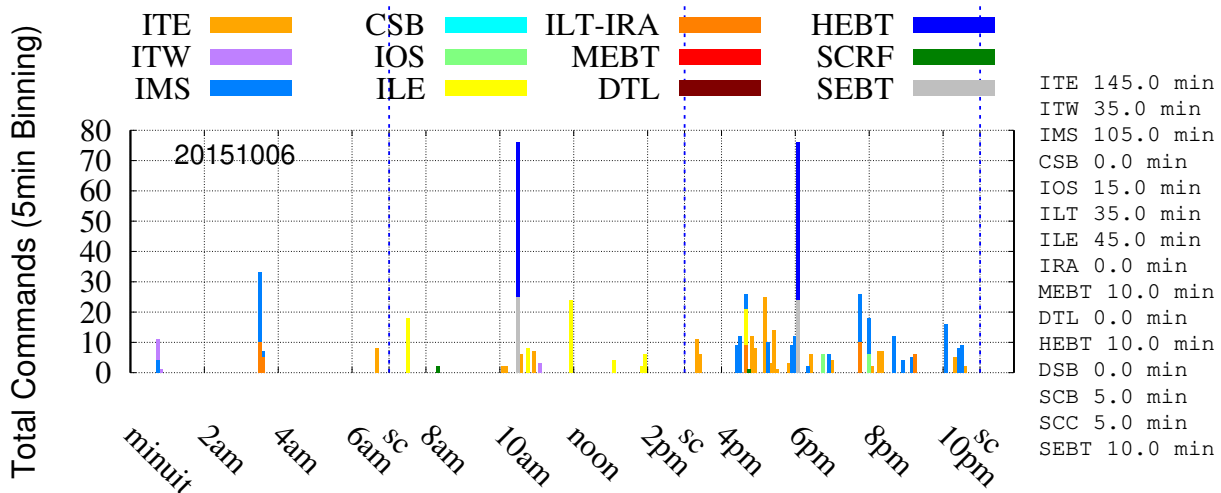
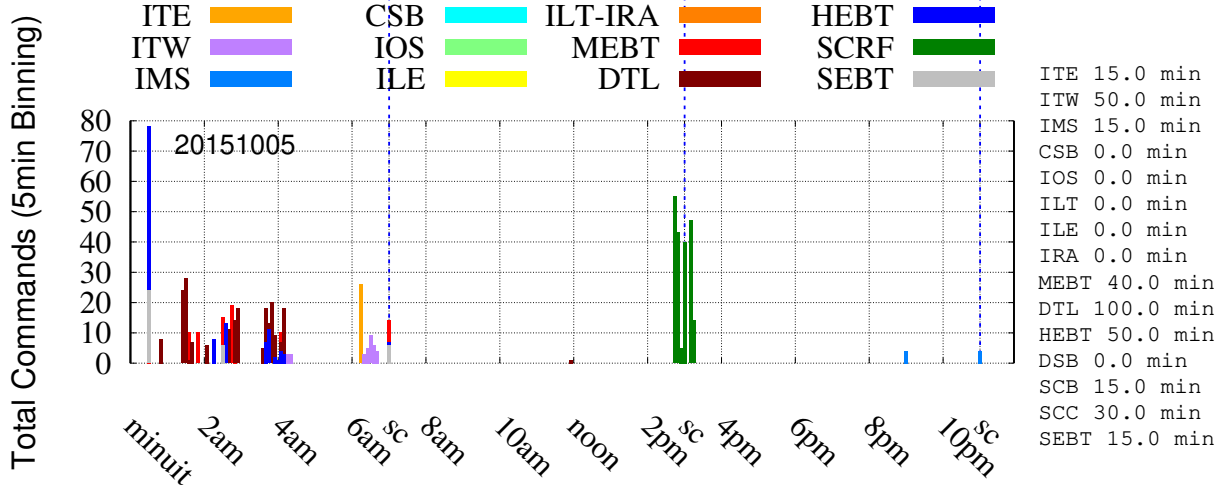
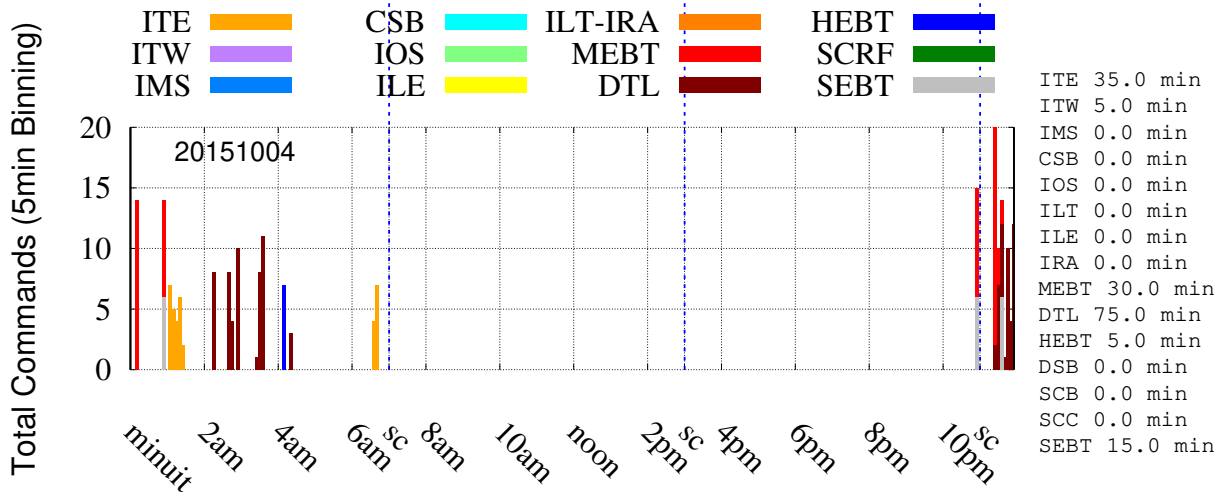


ITE	220.0 min
ITW	10.0 min
IMS	10.0 min
CSB	0.0 min
IOS	10.0 min
ILT	5.0 min
IRA	5.0 min
MEBT	45.0 min
DTL	5.0 min
HEBT	15.0 min
DSB	25.0 min
SCB	30.0 min
SCC	20.0 min
SEBT	35.0 min

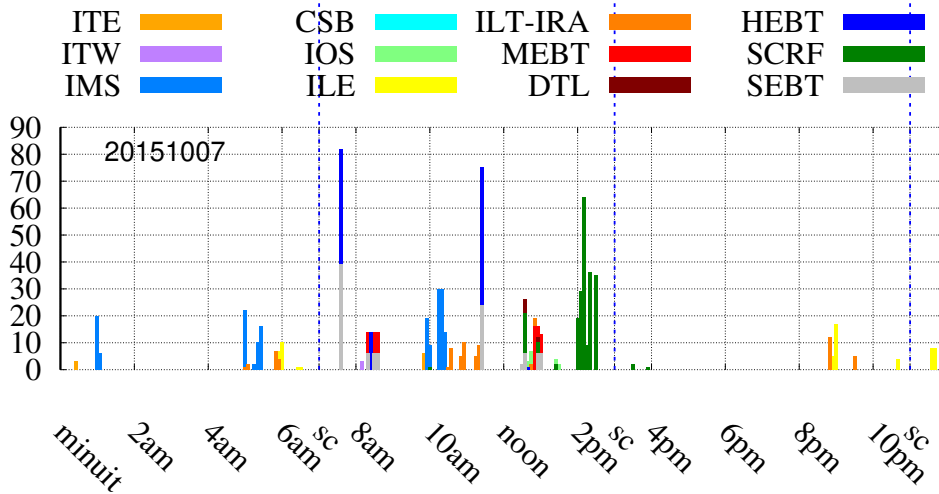
Total Commands (5min Binning)



ITE	280.0 min
ITW	40.0 min
IMS	5.0 min
CSB	0.0 min
IOS	0.0 min
ILT	0.0 min
IRA	0.0 min
MEBT	10.0 min
DTL	5.0 min
HEBT	0.0 min
DSB	5.0 min
SCB	5.0 min
SCC	0.0 min
SEBT	10.0 min

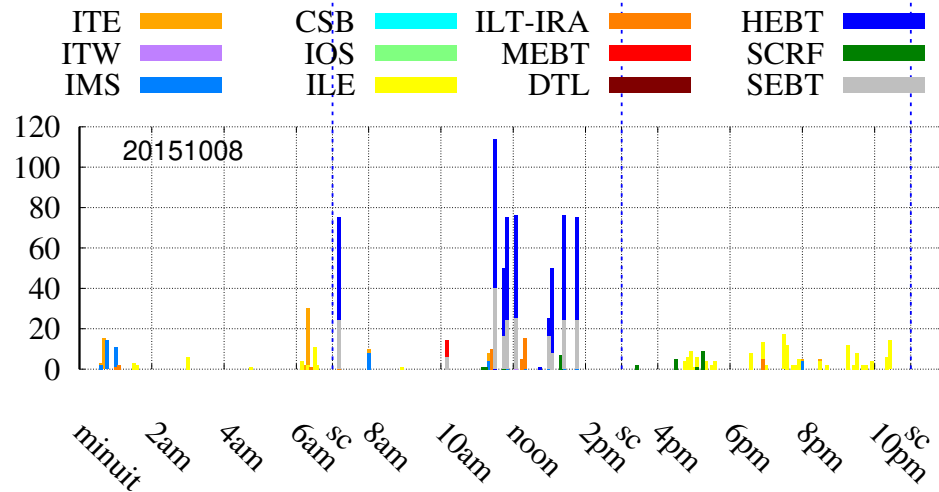


Total Commands (5min Binning)



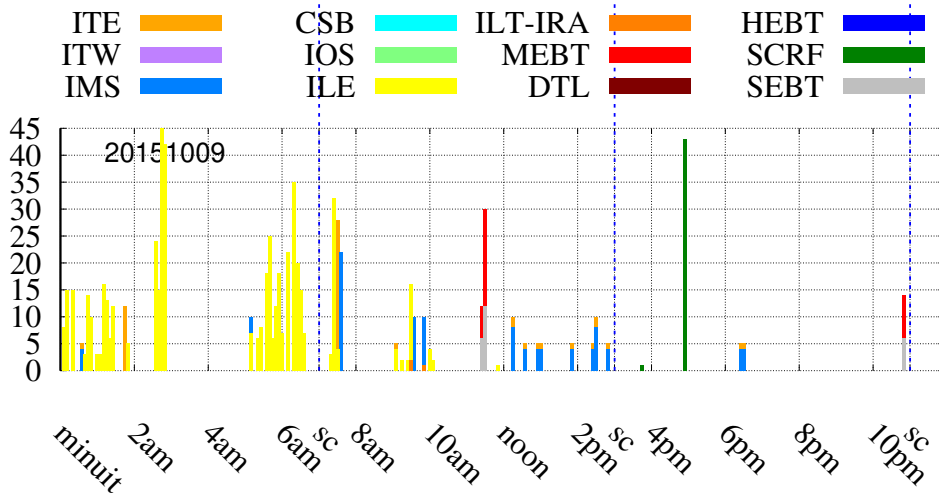
ITE	70.0 min
ITW	15.0 min
IMS	90.0 min
CSB	0.0 min
IOS	40.0 min
ILT-IRA	80.0 min
ILE	55.0 min
IRA	10.0 min
MEBT	45.0 min
DTL	15.0 min
HEBT	35.0 min
DSB	20.0 min
SCB	45.0 min
SCC	35.0 min
SEBT	45.0 min

Total Commands (5min Binning)



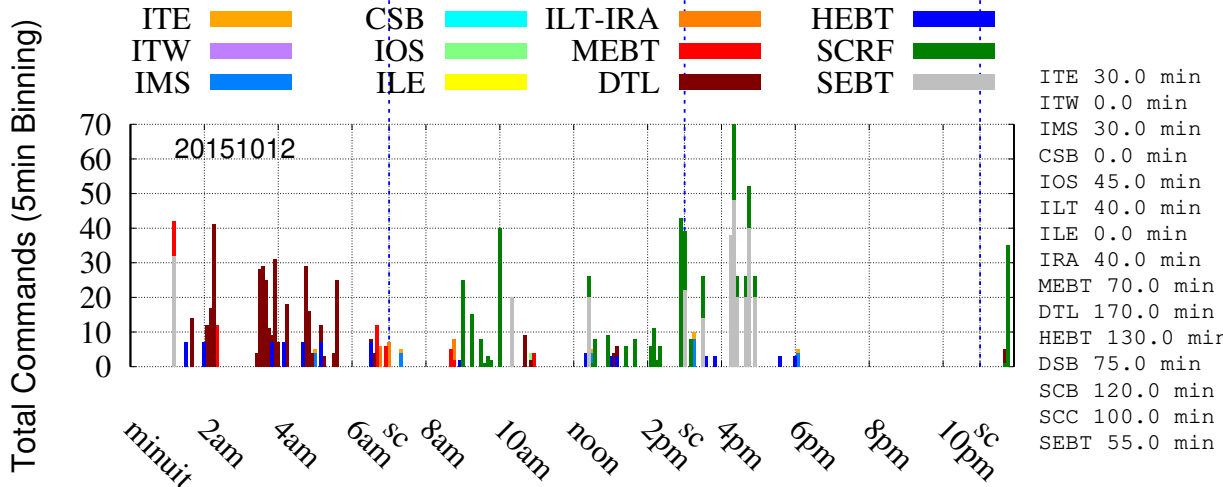
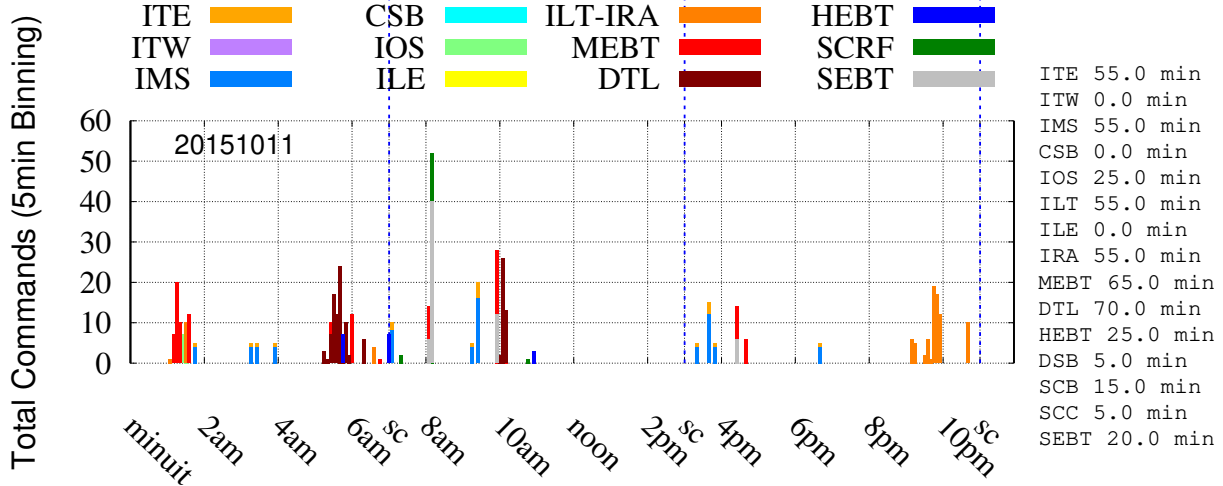
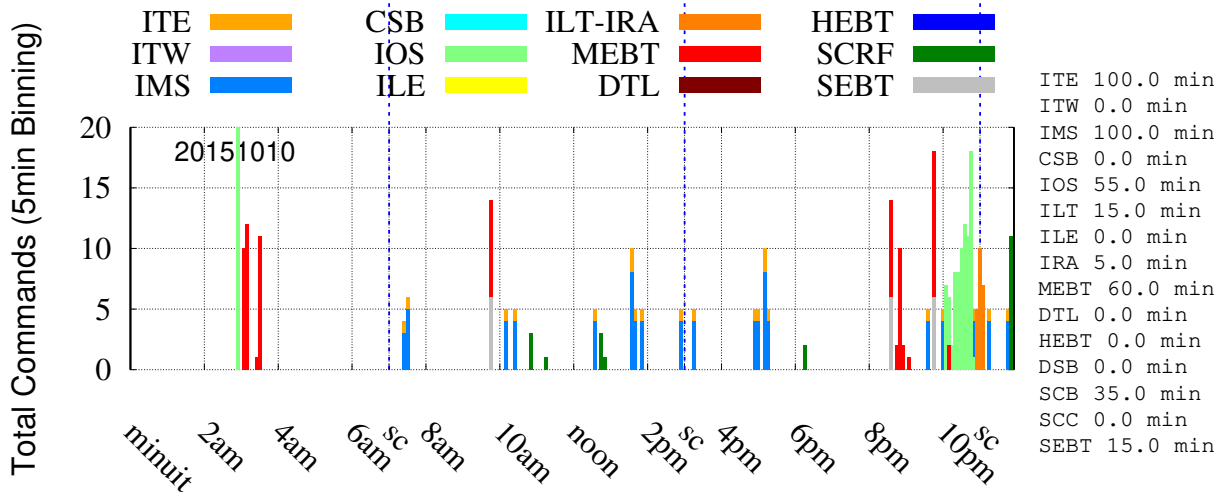
ITE	100.0 min
ITW	45.0 min
IMS	90.0 min
CSB	0.0 min
IOS	0.0 min
ILT-IRA	50.0 min
ILE	205.0 min
IRA	0.0 min
MEBT	50.0 min
DTL	0.0 min
HEBT	50.0 min
DSB	0.0 min
SCB	45.0 min
SCC	0.0 min
SEBT	50.0 min

Total Commands (5min Binning)

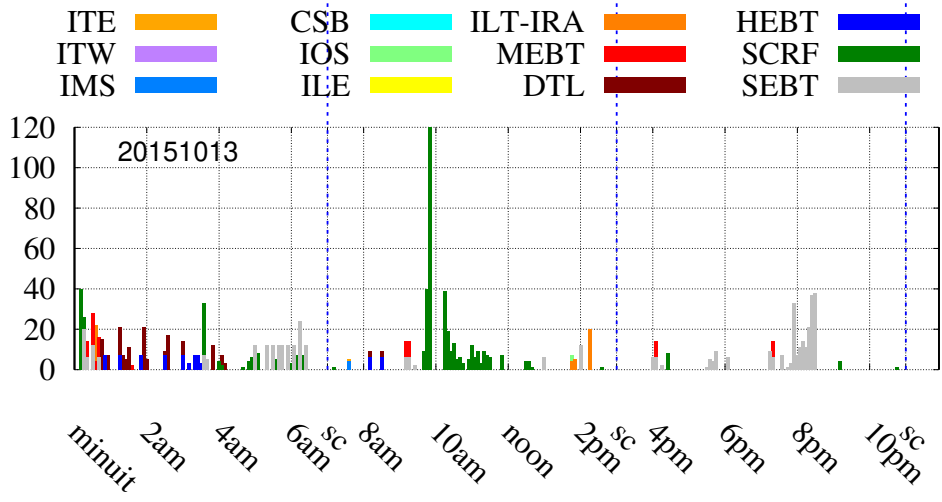


ITE	105.0 min
ITW	0.0 min
IMS	95.0 min
CSB	0.0 min
IOS	0.0 min
ILT-IRA	10.0 min
ILE	205.0 min
IRA	0.0 min
MEBT	15.0 min
DTL	0.0 min
HEBT	0.0 min
DSB	0.0 min
SCB	10.0 min
SCC	5.0 min
SEBT	15.0 min



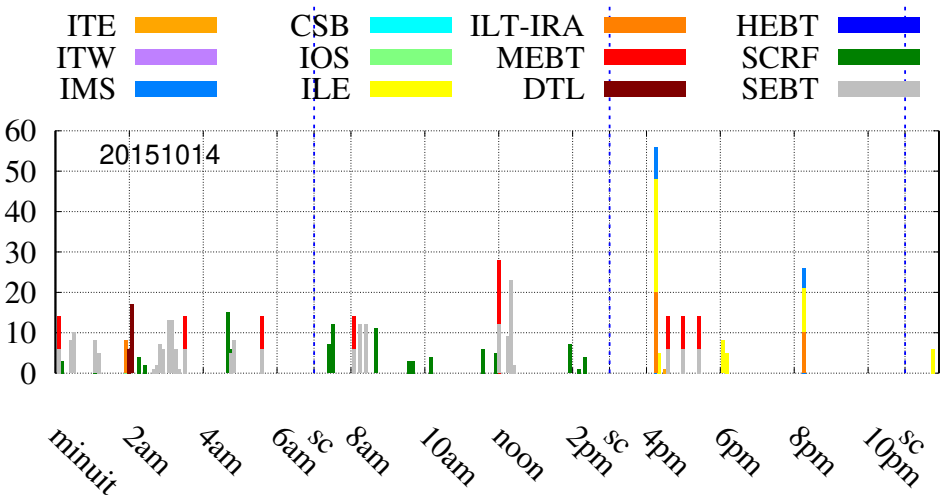


Total Commands (5min Binning)



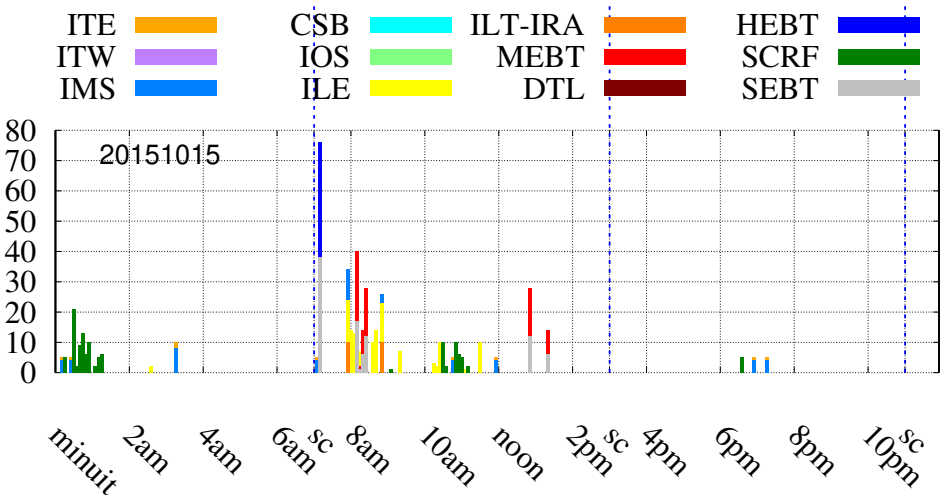
ITE	5.0 min
ITW	0.0 min
IMS	5.0 min
CSB	0.0 min
IOS	30.0 min
ILT-IRA	40.0 min
ILE	0.0 min
IRA	35.0 min
MEBT	60.0 min
DTL	100.0 min
HEBT	60.0 min
DSB	25.0 min
SCB	185.0 min
SCC	120.0 min
SEBT	205.0 min

Total Commands (5min Binning)



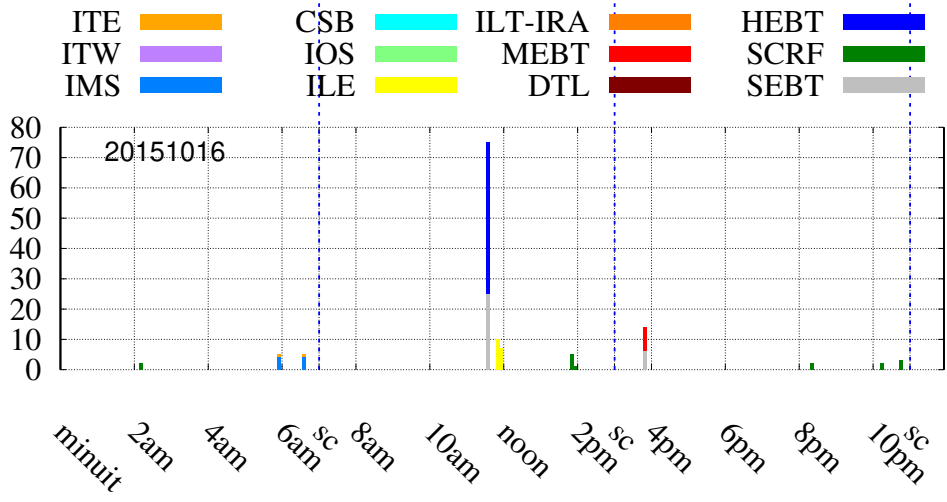
ITE	20.0 min
ITW	0.0 min
IMS	10.0 min
CSB	0.0 min
IOS	5.0 min
ILT-IRA	15.0 min
ILE	35.0 min
IRA	5.0 min
MEBT	45.0 min
DTL	10.0 min
HEBT	0.0 min
DSB	10.0 min
SCB	80.0 min
SCC	35.0 min
SEBT	135.0 min

Total Commands (5min Binning)



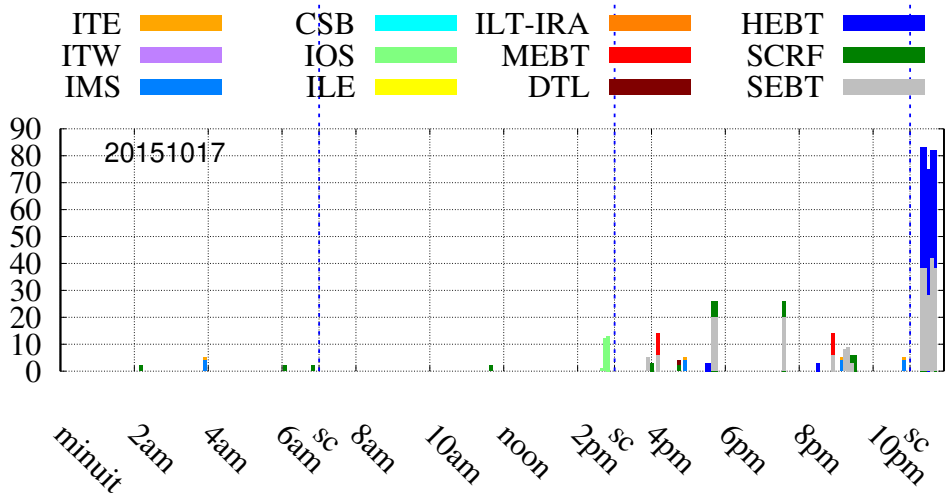
ITE	60.0 min
ITW	5.0 min
IMS	60.0 min
CSB	0.0 min
IOS	5.0 min
ILT-IRA	15.0 min
ILE	75.0 min
IRA	5.0 min
MEBT	35.0 min
DTL	5.0 min
HEBT	5.0 min
DSB	5.0 min
SCB	95.0 min
SCC	5.0 min
SEBT	35.0 min

Total Commands (5min Binning)



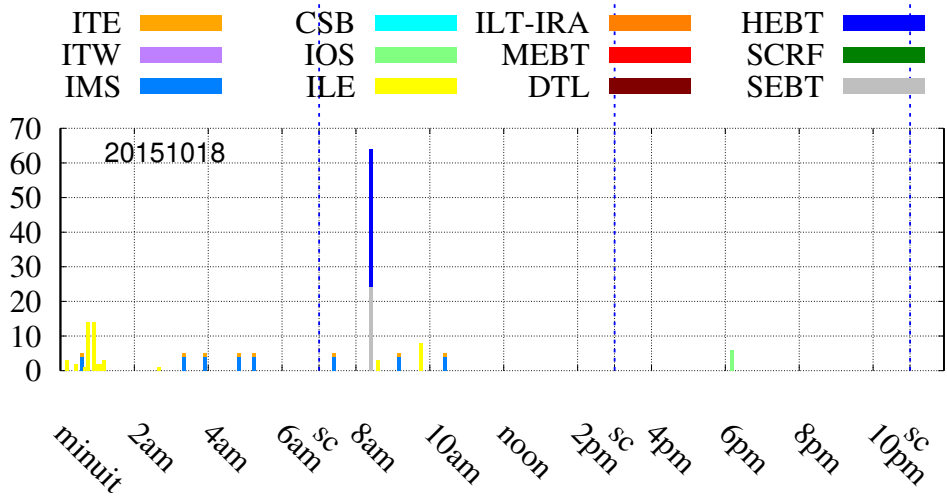
ITE	15.0 min
ITW	5.0 min
IMS	15.0 min
CSB	0.0 min
IOS	0.0 min
ILT	5.0 min
ILE	10.0 min
IRA	0.0 min
MEBT	10.0 min
DTL	0.0 min
HEBT	5.0 min
DSB	0.0 min
SCB	30.0 min
SCC	0.0 min
SEBT	10.0 min

Total Commands (5min Binning)



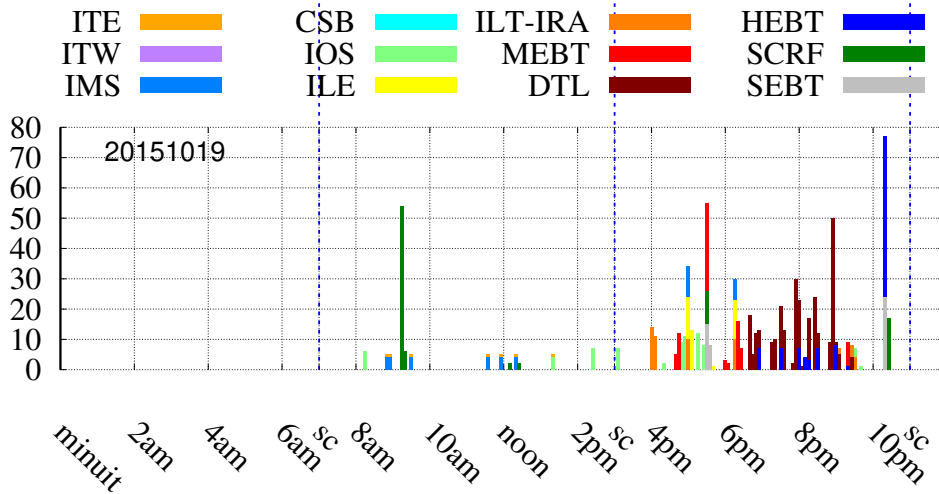
ITE	50.0 min
ITW	25.0 min
IMS	50.0 min
CSB	0.0 min
IOS	50.0 min
ILT	40.0 min
ILE	15.0 min
IRA	35.0 min
MEBT	50.0 min
DTL	40.0 min
HEBT	60.0 min
DSB	50.0 min
SCB	60.0 min
SCC	40.0 min
SEBT	70.0 min

Total Commands (5min Binning)



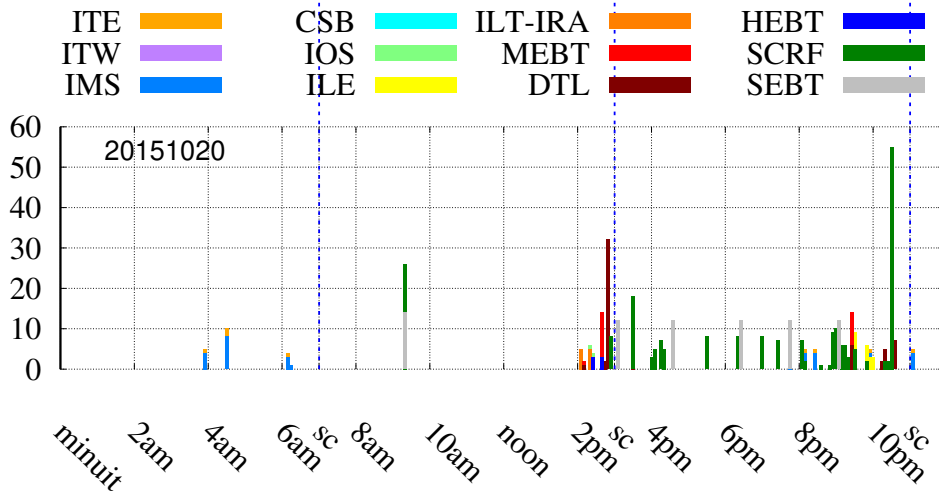
ITE	50.0 min
ITW	5.0 min
IMS	50.0 min
CSB	0.0 min
IOS	5.0 min
ILT	0.0 min
ILE	55.0 min
IRA	0.0 min
MEBT	5.0 min
DTL	0.0 min
HEBT	5.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	5.0 min

Total Commands (5min Binning)



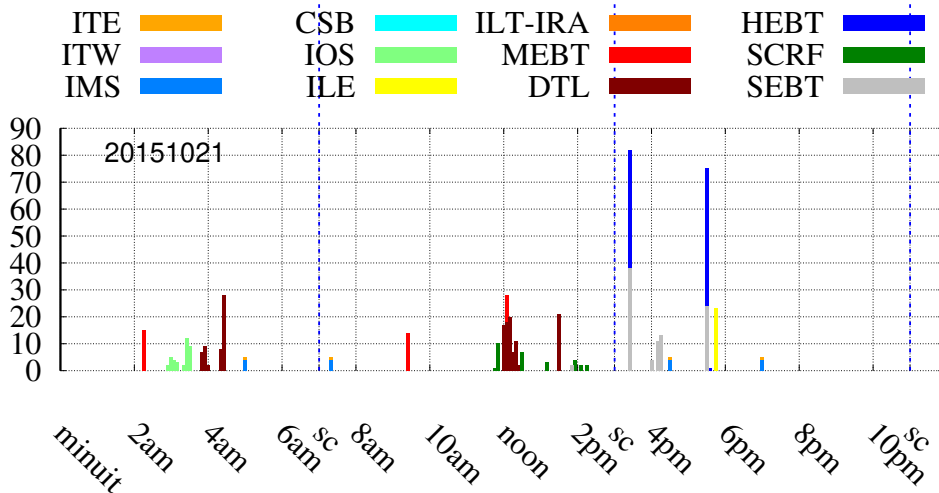
ITE 50.0 min  
 ITW 5.0 min  
 IMS 50.0 min  
 CSB 0.0 min  
 IOS 85.0 min  
 ILT 35.0 min  
 ILE 30.0 min  
 IRA 25.0 min  
 MEBT 55.0 min  
 DTL 105.0 min  
 HEBT 50.0 min  
 DSB 15.0 min  
 SCB 20.0 min  
 SCC 20.0 min  
 SEBT 15.0 min

Total Commands (5min Binning)



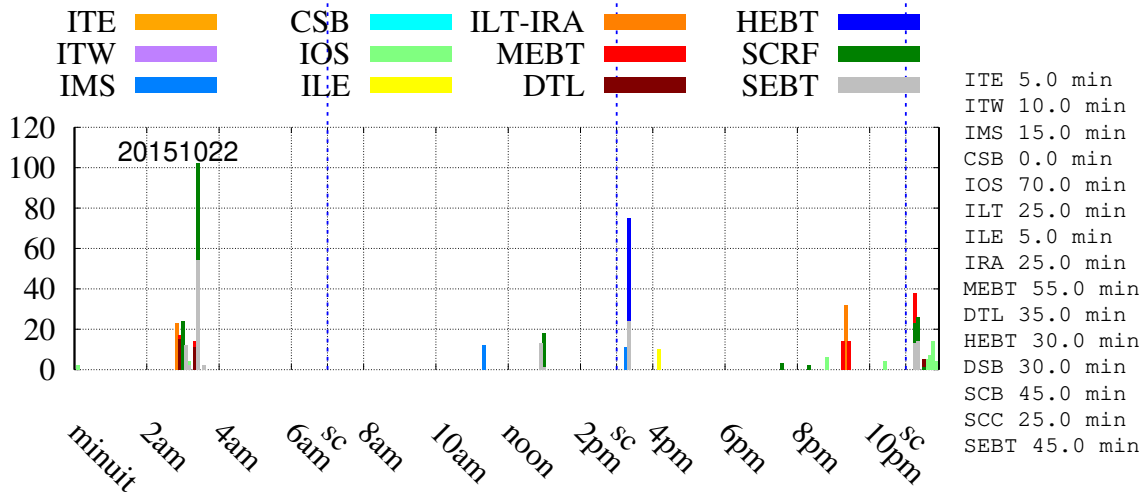
ITE 45.0 min  
 ITW 0.0 min  
 IMS 45.0 min  
 CSB 0.0 min  
 IOS 15.0 min  
 ILT 15.0 min  
 ILE 30.0 min  
 IRA 15.0 min  
 MEBT 20.0 min  
 DTL 45.0 min  
 HEBT 15.0 min  
 DSB 35.0 min  
 SCB 110.0 min  
 SCC 55.0 min  
 SEBT 30.0 min

Total Commands (5min Binning)

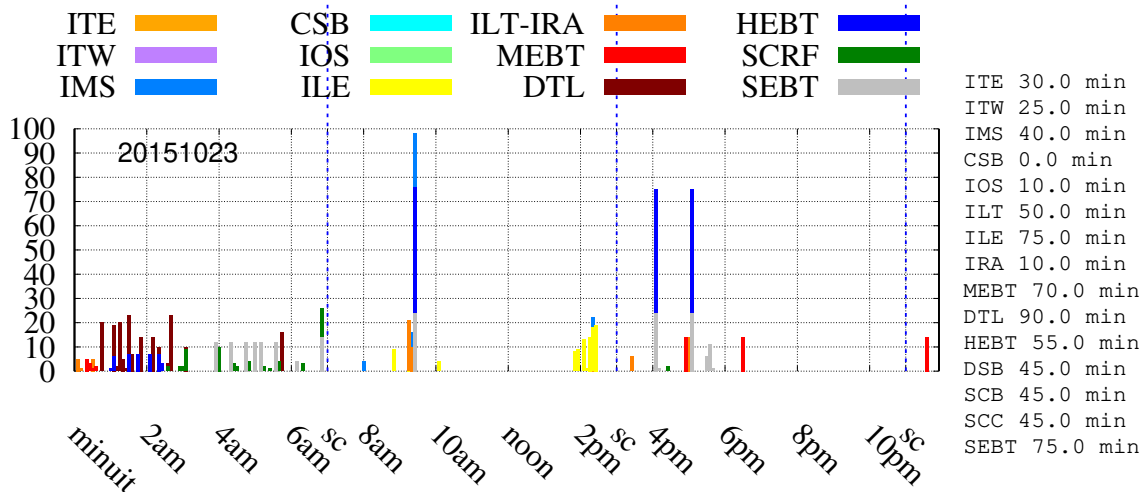


ITE 30.0 min  
 ITW 10.0 min  
 IMS 30.0 min  
 CSB 0.0 min  
 IOS 40.0 min  
 ILT 5.0 min  
 ILE 10.0 min  
 IRA 5.0 min  
 MEBT 25.0 min  
 DTL 65.0 min  
 HEBT 15.0 min  
 DSB 15.0 min  
 SCB 20.0 min  
 SCC 20.0 min  
 SEBT 30.0 min

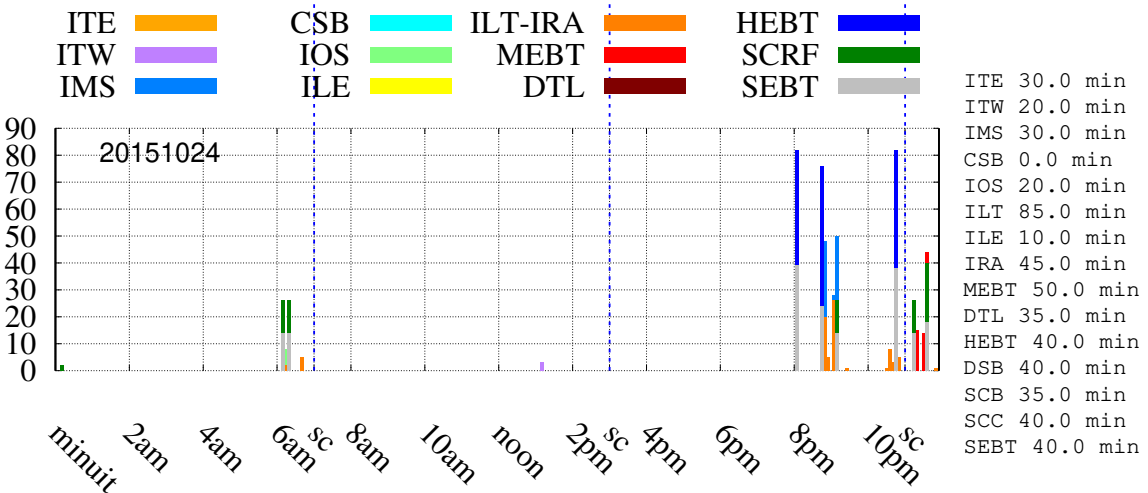
Total Commands (5min Binning)



Total Commands (5min Binning)

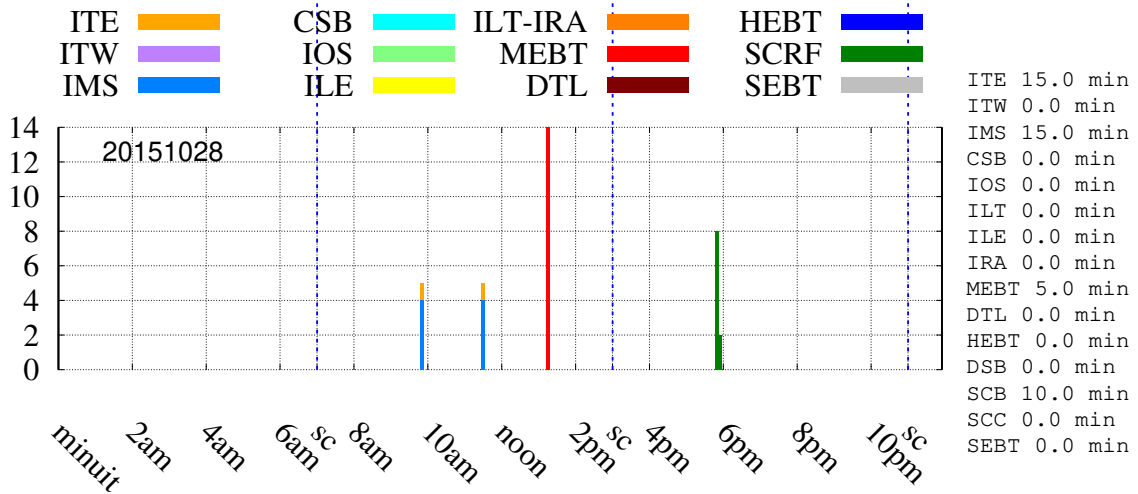


Total Commands (5min Binning)

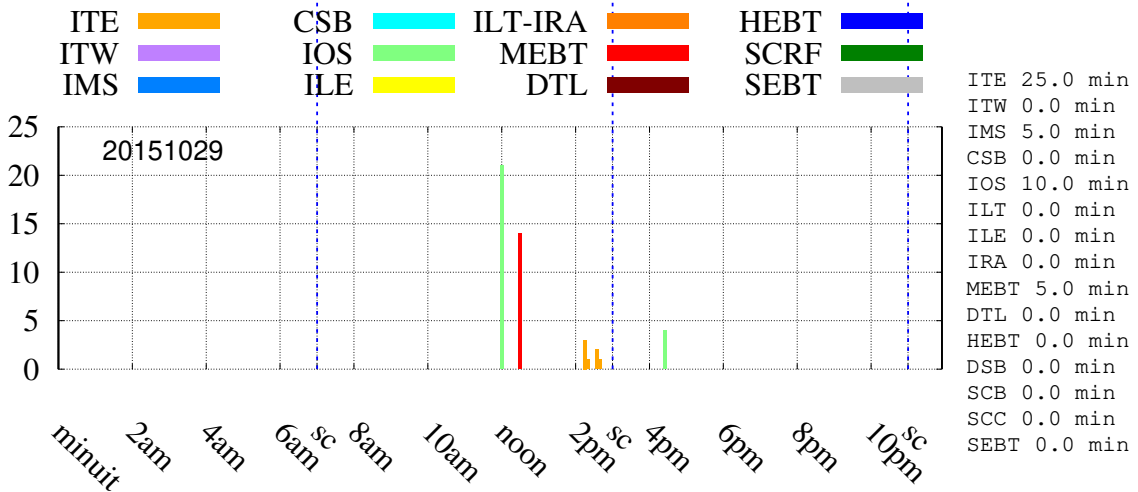




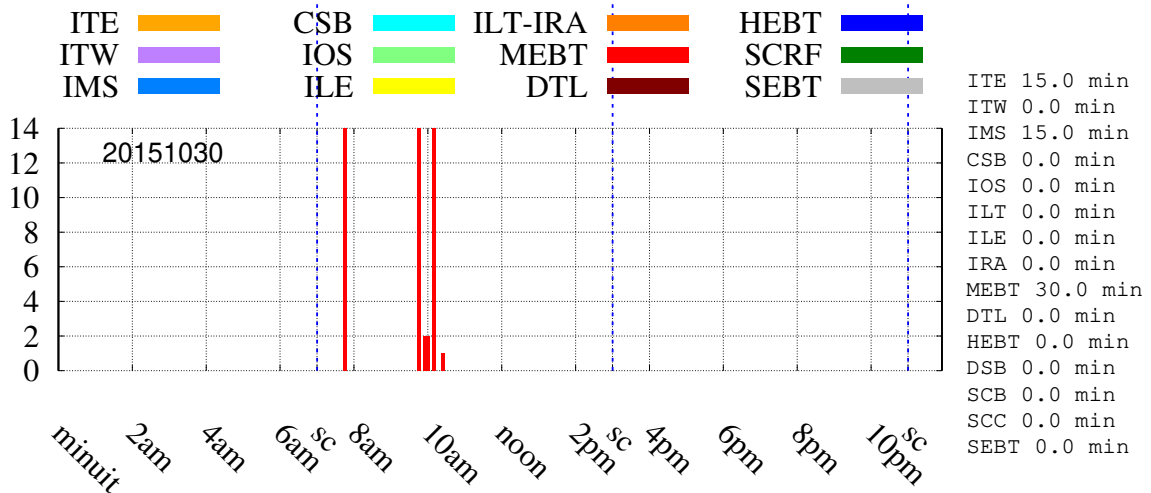
Total Commands (5min Binning)



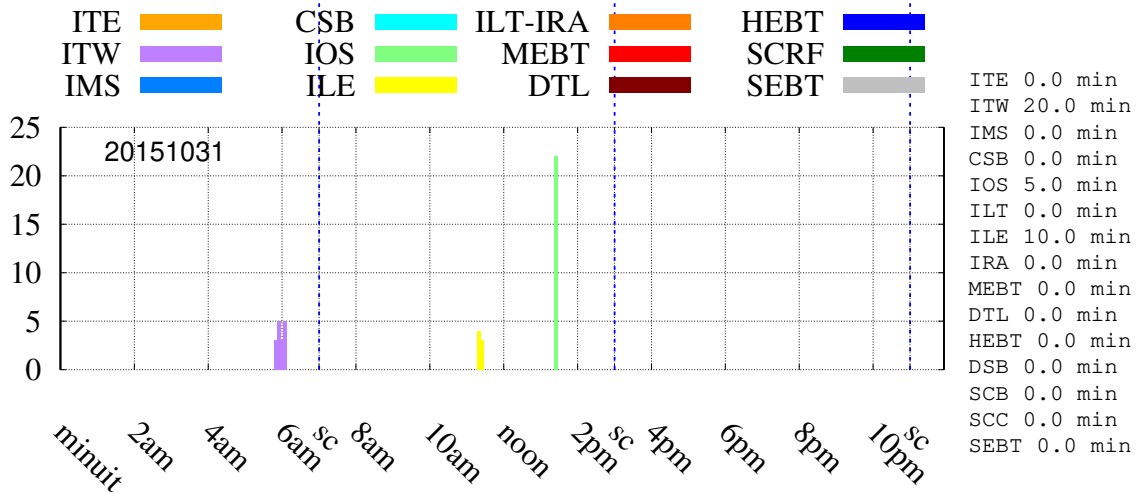
Total Commands (5min Binning)



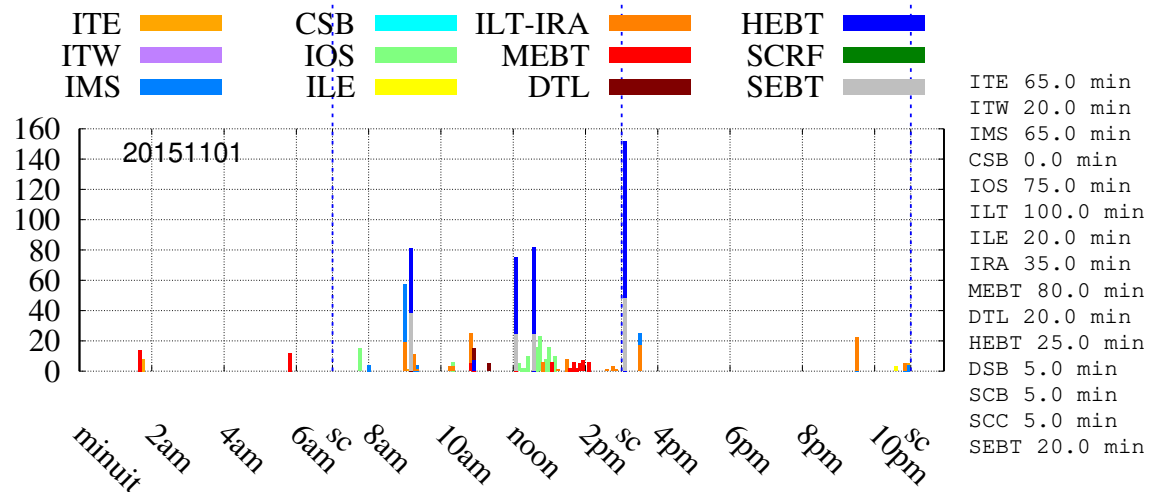
Total Commands (5min Binning)



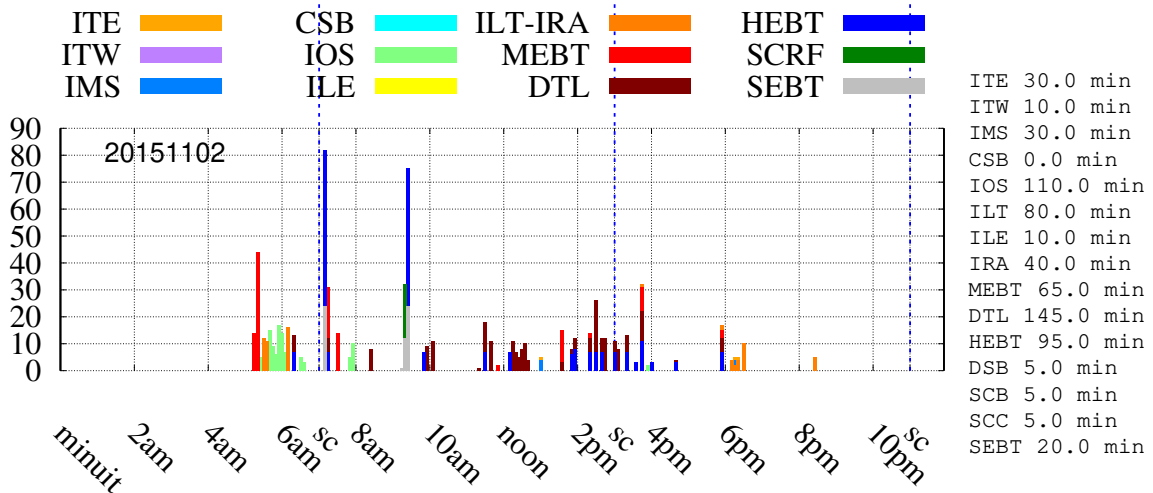
Total Commands (5min Binning)



Total Commands (5min Binning)

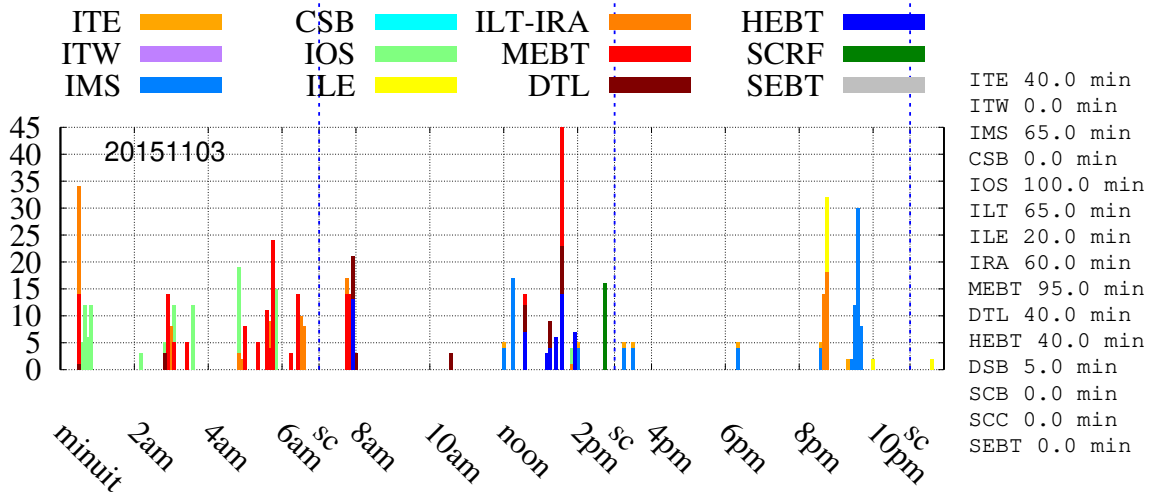


Total Commands (5min Binning)

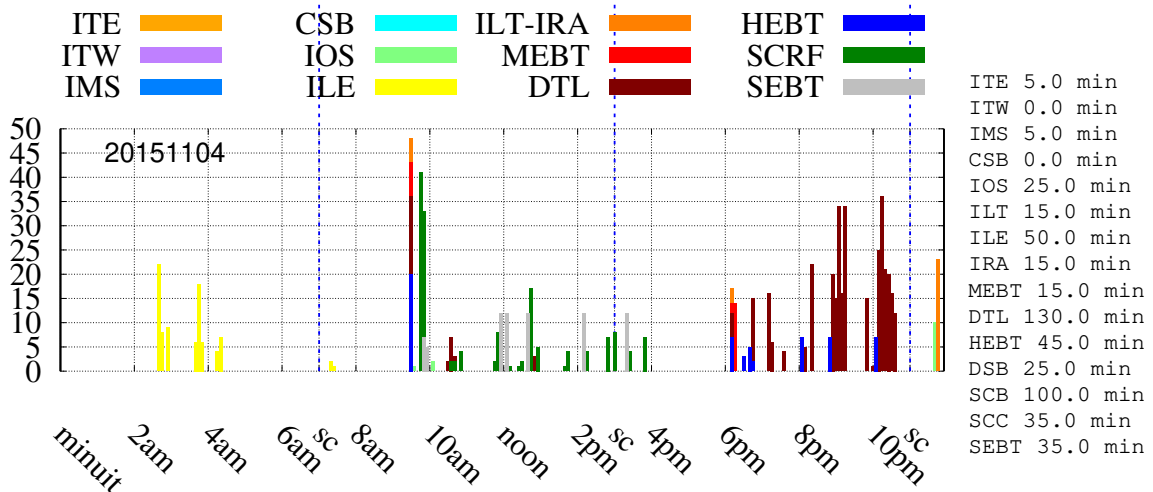




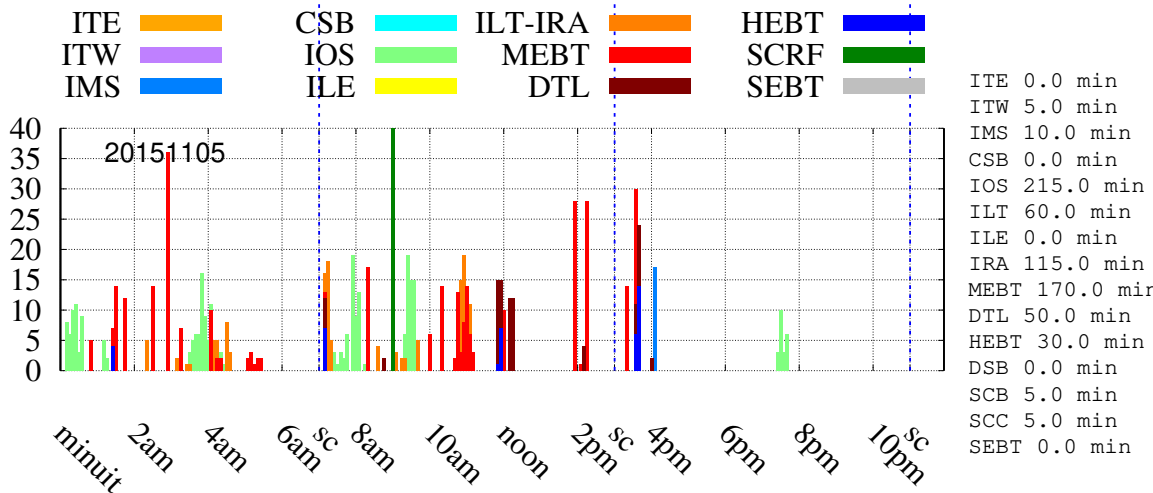
Total Commands (5min Binning)



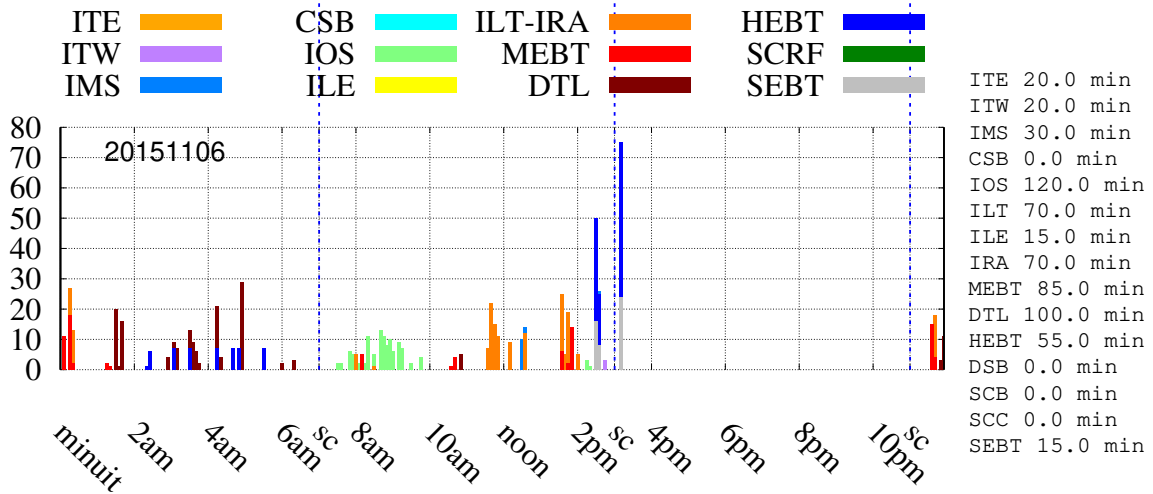
Total Commands (5min Binning)



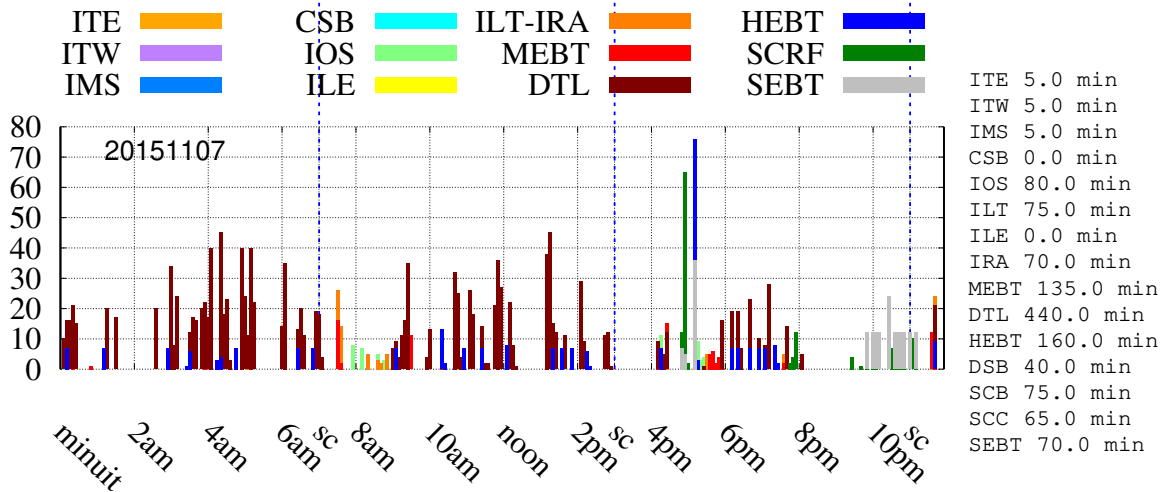
Total Commands (5min Binning)



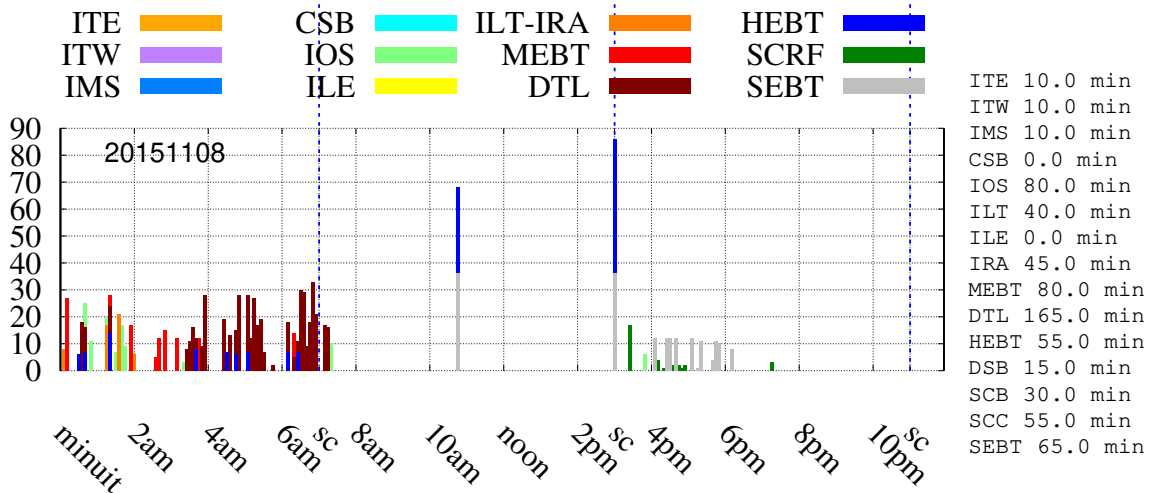
Total Commands (5min Binning)



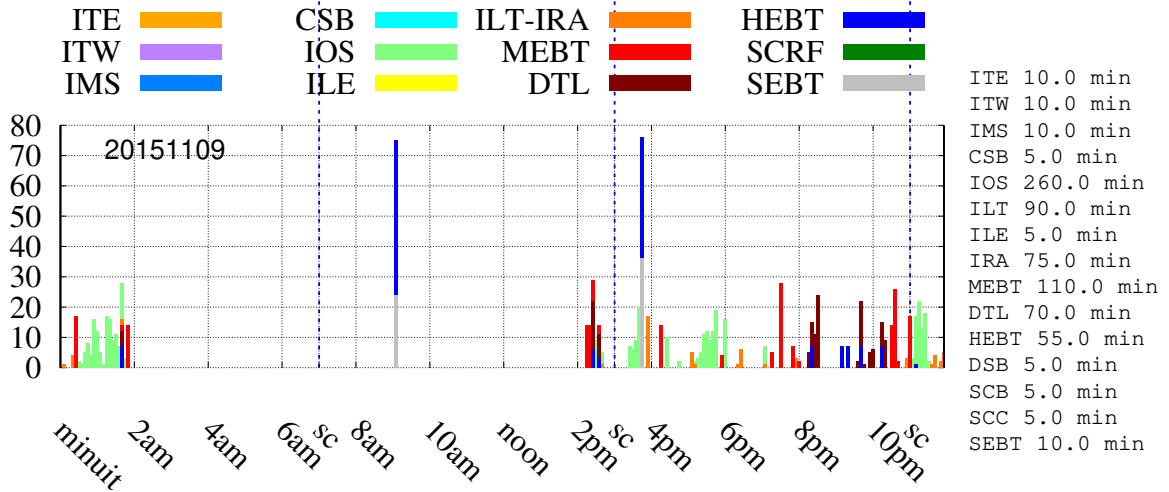
Total Commands (5min Binning)



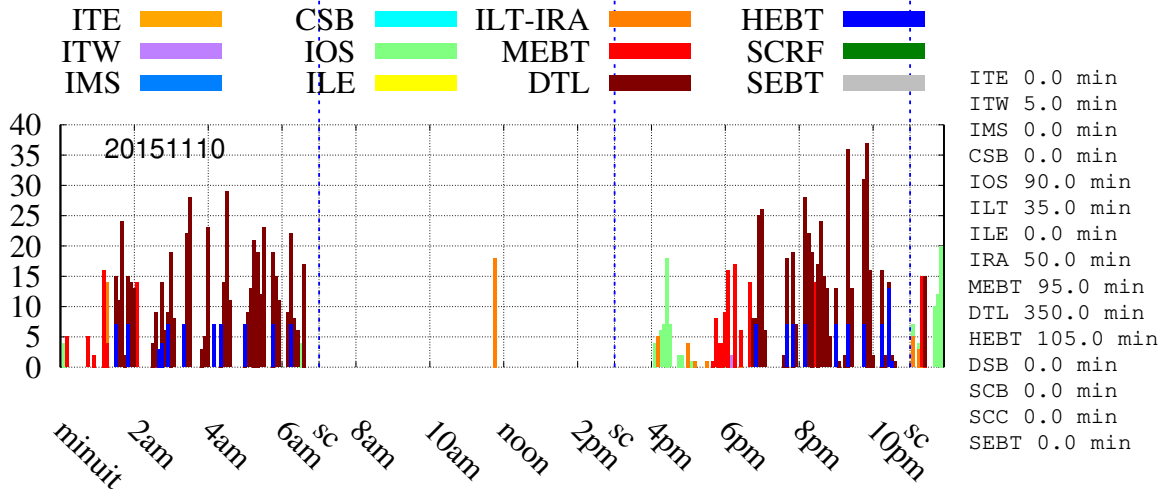
Total Commands (5min Binning)



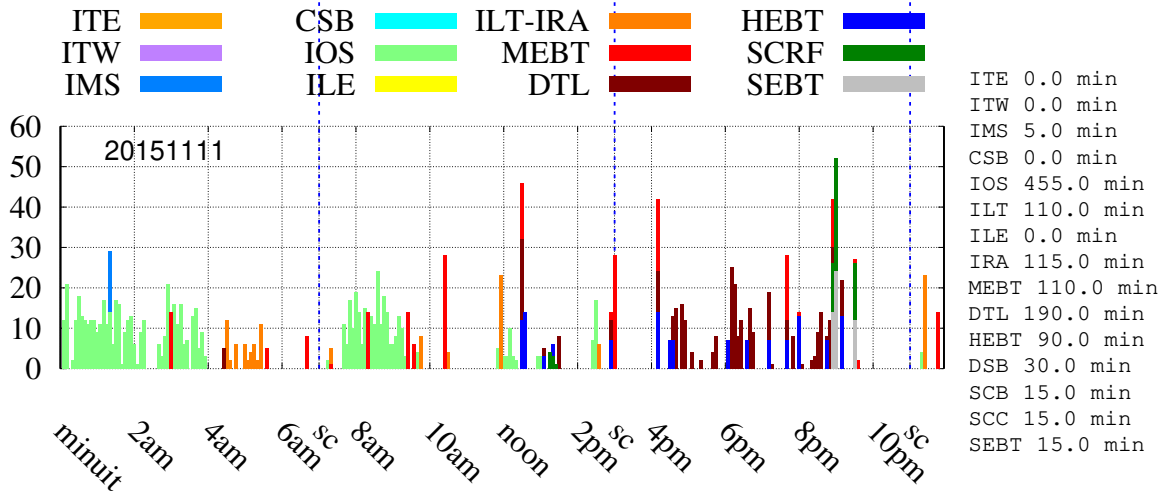
Total Commands (5min Binning)



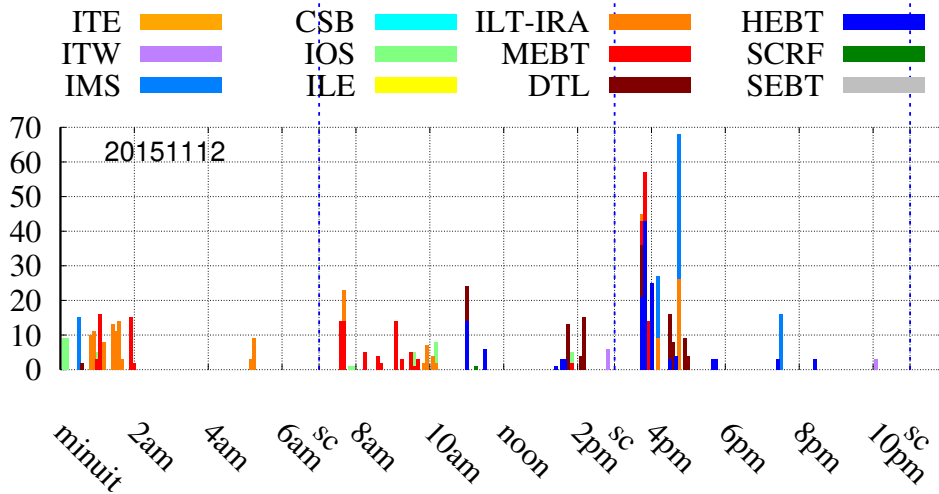
Total Commands (5min Binning)



Total Commands (5min Binning)

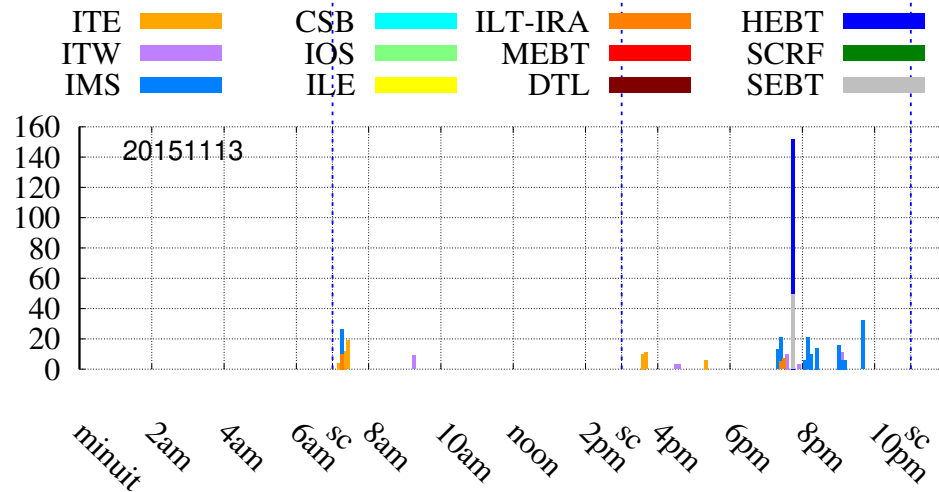


Total Commands (5min Binning)



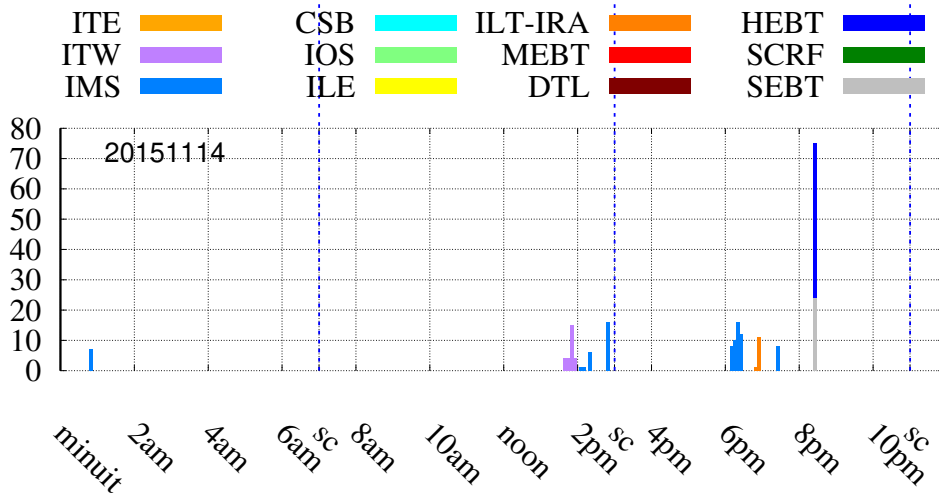
ITE	10.0 min
ITW	15.0 min
IMS	20.0 min
CSB	0.0 min
IOS	80.0 min
ILT-IRA	95.0 min
ILE	0.0 min
IRA	95.0 min
MEBT	110.0 min
DTL	60.0 min
HEBT	75.0 min
DSB	5.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	0.0 min

Total Commands (5min Binning)

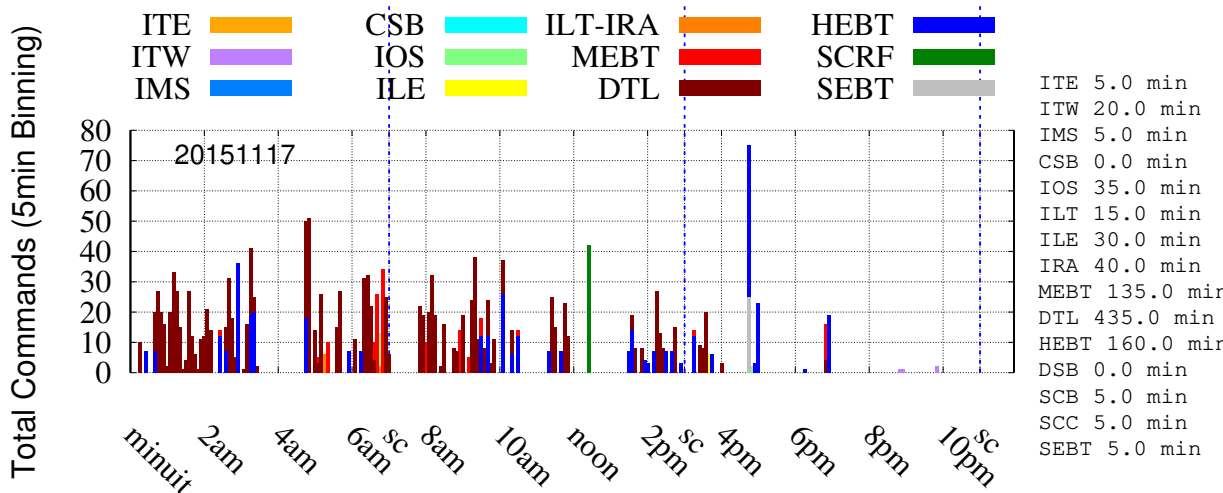
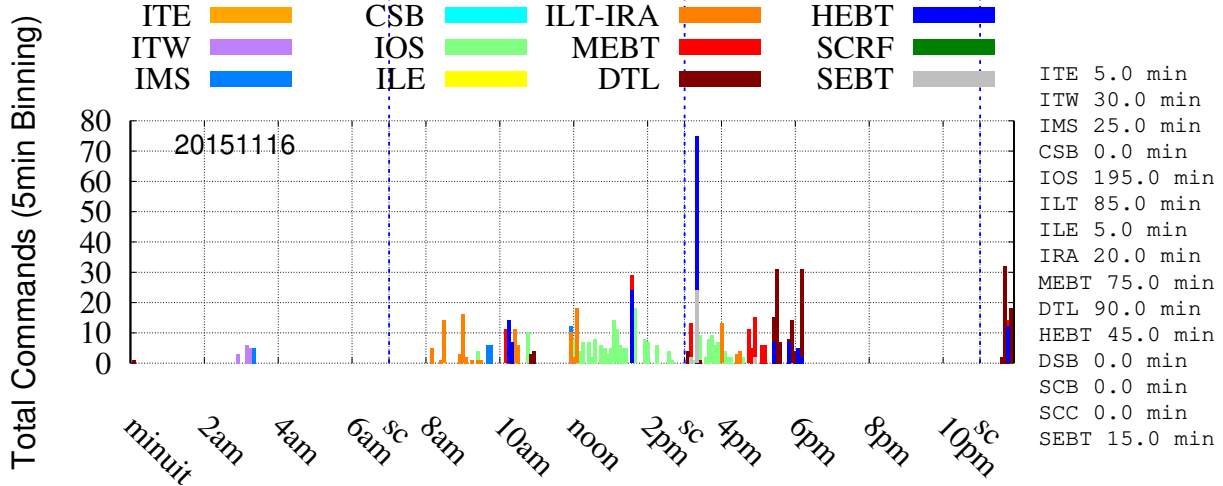
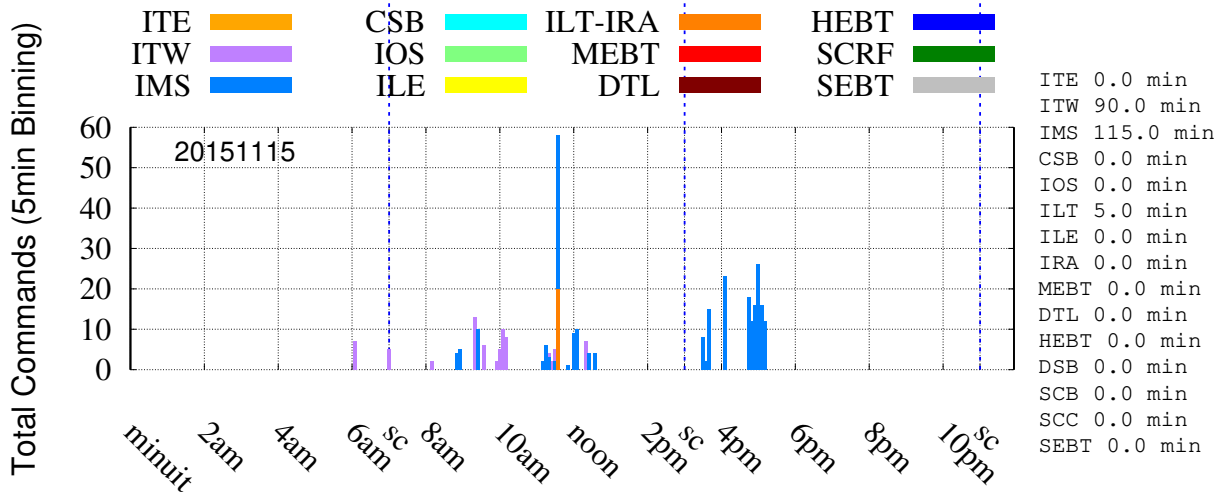


ITE	40.0 min
ITW	55.0 min
IMS	60.0 min
CSB	0.0 min
IOS	0.0 min
ILT-IRA	20.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	5.0 min
DTL	0.0 min
HEBT	5.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	5.0 min

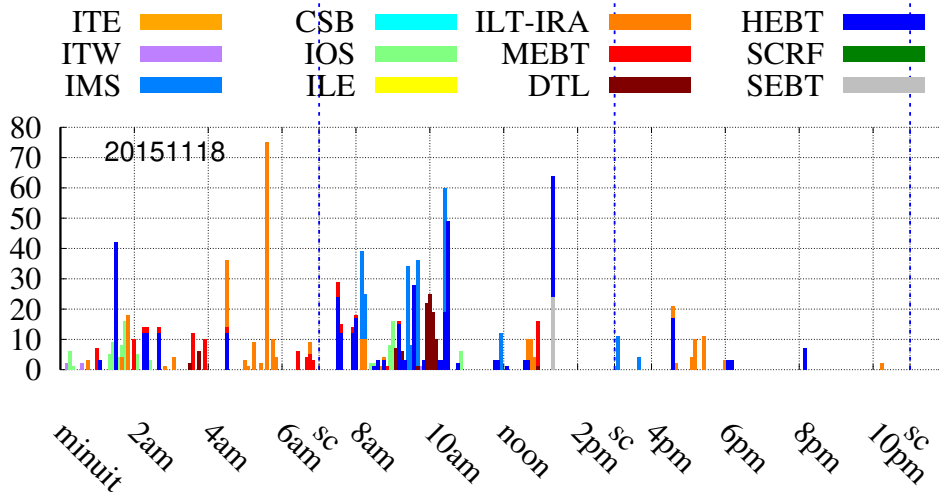
Total Commands (5min Binning)



ITE	5.0 min
ITW	35.0 min
IMS	55.0 min
CSB	0.0 min
IOS	0.0 min
ILT-IRA	10.0 min
ILE	0.0 min
IRA	0.0 min
MEBT	5.0 min
DTL	0.0 min
HEBT	5.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	5.0 min

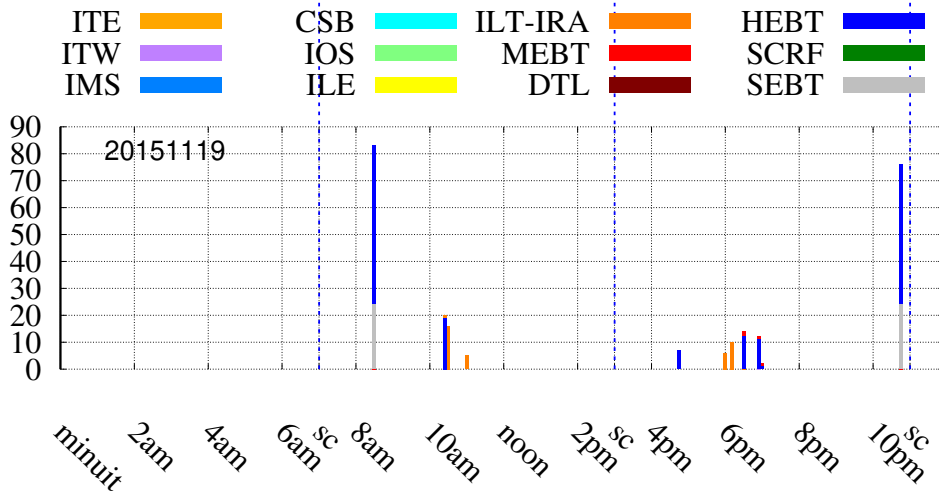


Total Commands (5min Binning)



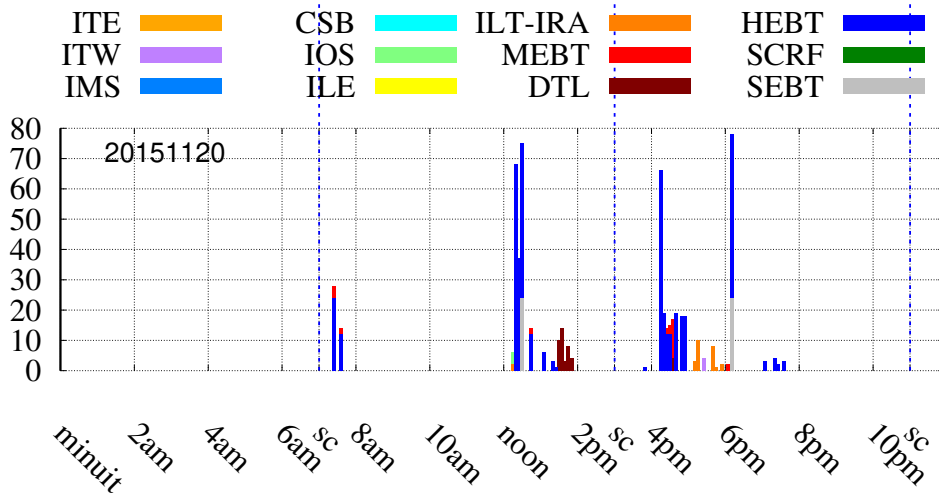
ITE 5.0 min  
 ITW 65.0 min  
 IMS 75.0 min  
 CSB 0.0 min  
 IOS 105.0 min  
 ILE 0.0 min  
 IRA 110.0 min  
 MEBT 130.0 min  
 DTL 105.0 min  
 HEBT 165.0 min  
 DSB 0.0 min  
 SCB 0.0 min  
 SCC 0.0 min  
 SEBT 5.0 min

Total Commands (5min Binning)



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

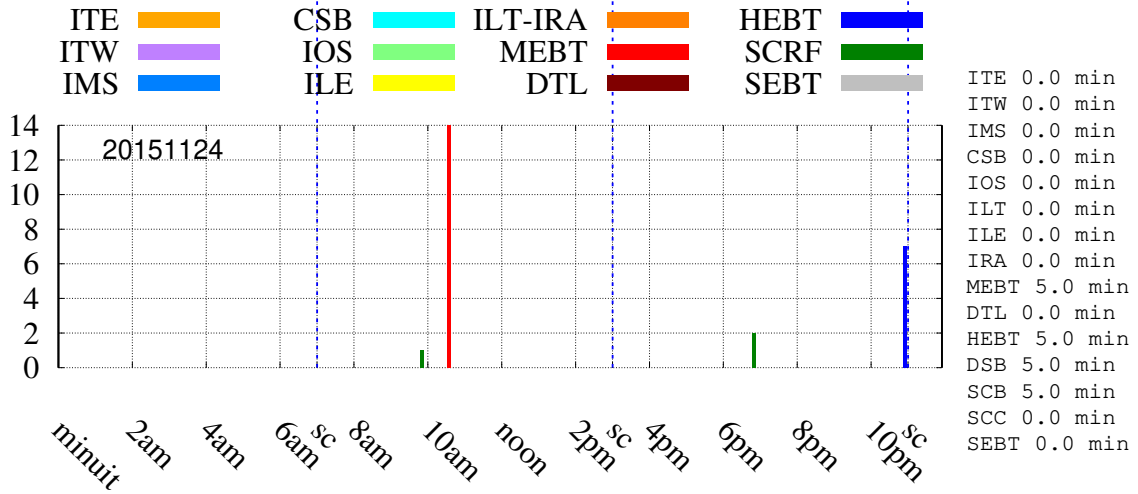
Total Commands (5min Binning)



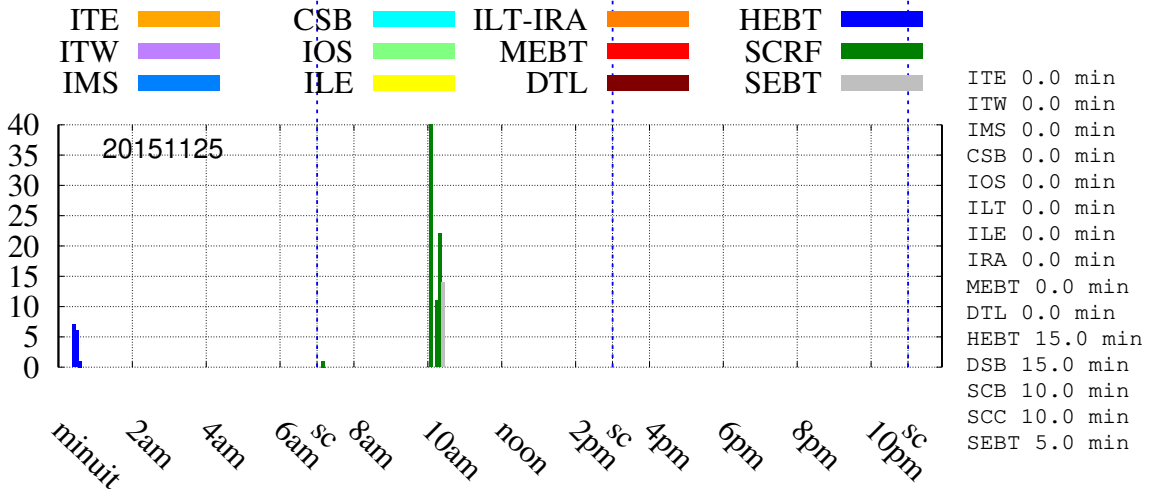
ITE 10.0 min  
 ITW 25.0 min  
 IMS 20.0 min  
 CSB 0.0 min  
 IOS 35.0 min  
 ILE 0.0 min  
 IRA 40.0 min  
 MEBT 75.0 min  
 DTL 80.0 min  
 HEBT 110.0 min  
 DSB 0.0 min  
 SCB 0.0 min  
 SCC 0.0 min  
 SEBT 10.0 min



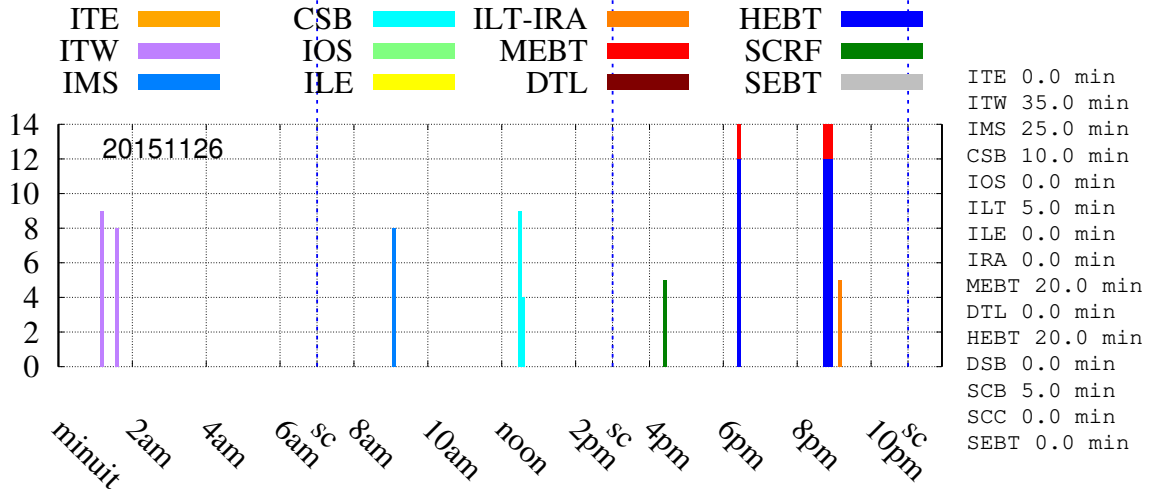
Total Commands (5min Binning)



Total Commands (5min Binning)

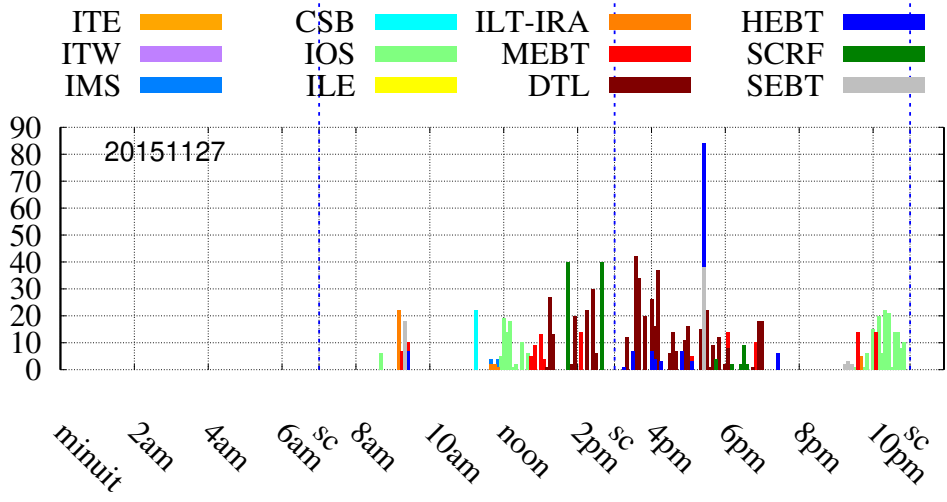


Total Commands (5min Binning)



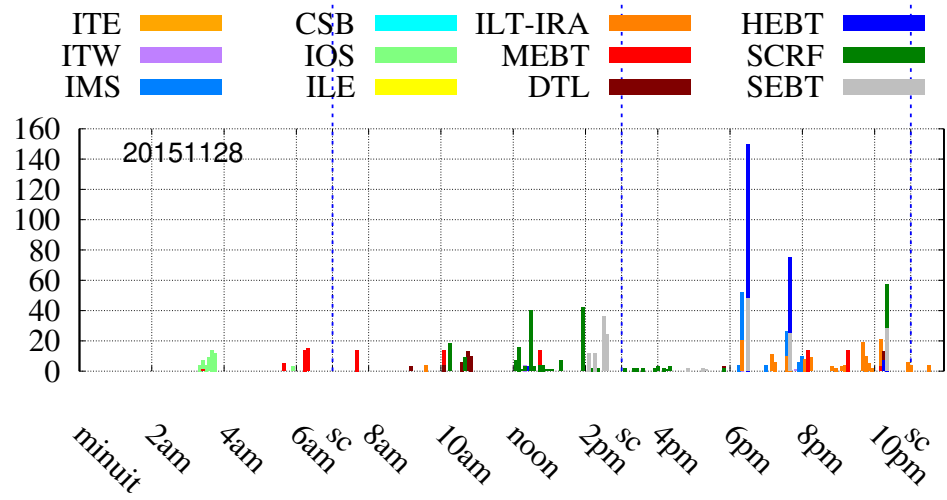


Total Commands (5min Binning)



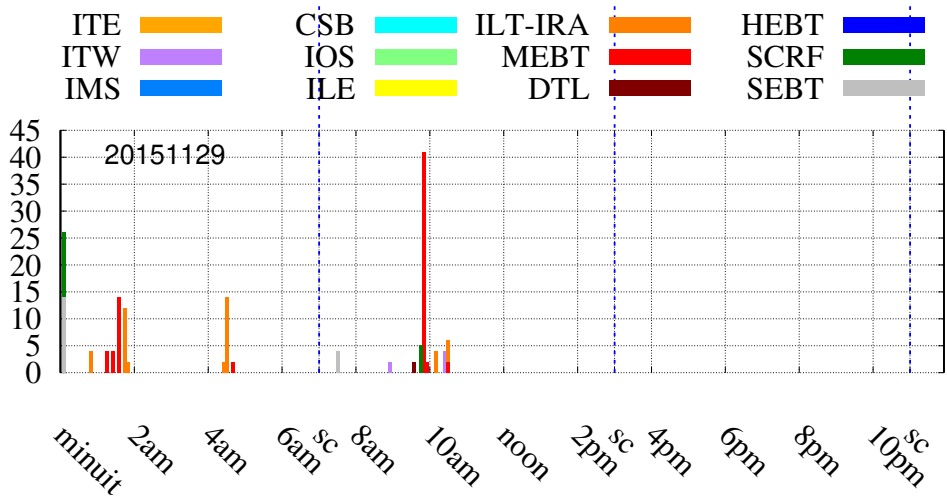
ITE	5.0 min
ITW	20.0 min
IMS	20.0 min
CSB	5.0 min
IOS	135.0 min
ILT	35.0 min
ILE	0.0 min
IRA	35.0 min
MEBT	85.0 min
DTL	185.0 min
HEBT	50.0 min
DSB	15.0 min
SCB	30.0 min
SCC	25.0 min
SEBT	25.0 min

Total Commands (5min Binning)



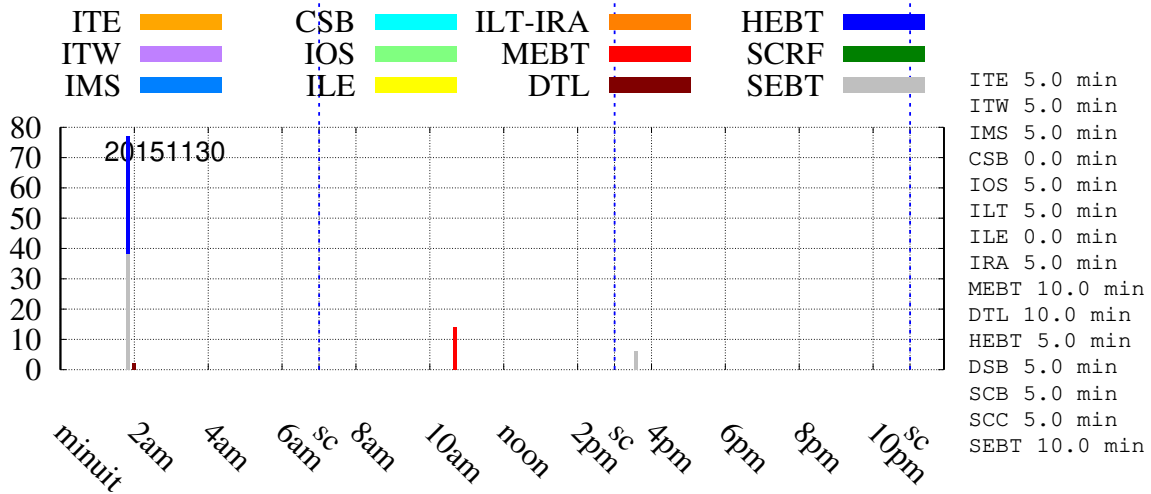
ITE	10.0 min
ITW	55.0 min
IMS	50.0 min
CSB	0.0 min
IOS	50.0 min
ILT	100.0 min
ILE	0.0 min
IRA	65.0 min
MEBT	75.0 min
DTL	50.0 min
HEBT	30.0 min
DSB	15.0 min
SCB	120.0 min
SCC	70.0 min
SEBT	50.0 min

Total Commands (5min Binning)

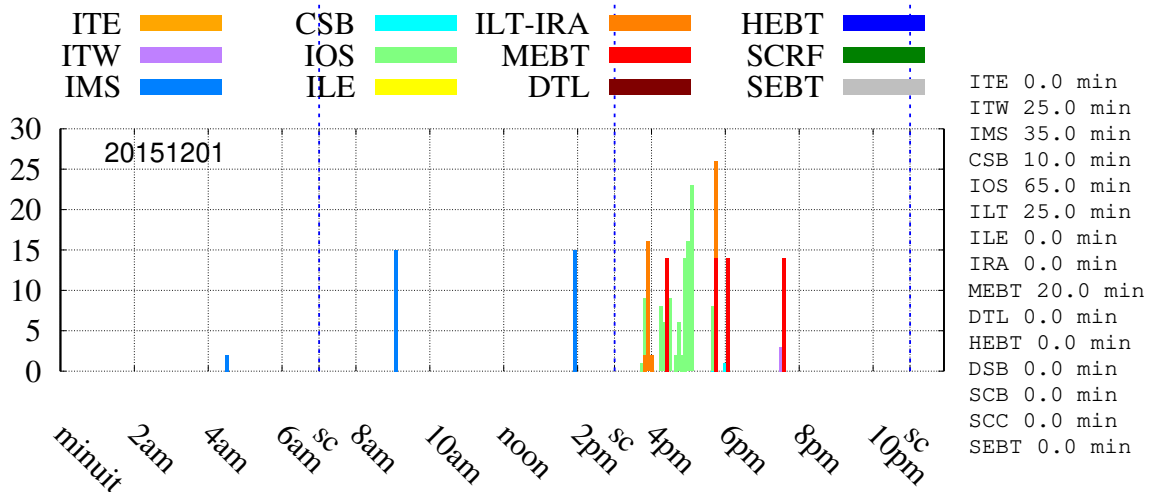


ITE	0.0 min
ITW	25.0 min
IMS	15.0 min
CSB	0.0 min
IOS	0.0 min
ILT	30.0 min
ILE	0.0 min
IRA	25.0 min
MEBT	40.0 min
DTL	10.0 min
HEBT	5.0 min
DSB	5.0 min
SCB	10.0 min
SCC	10.0 min
SEBT	10.0 min

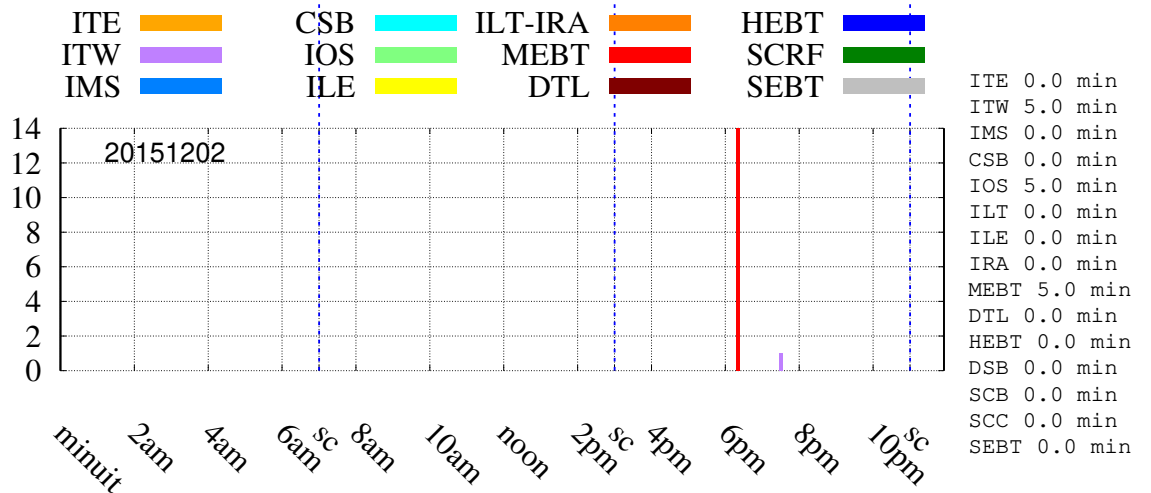
Total Commands (5min Binning)



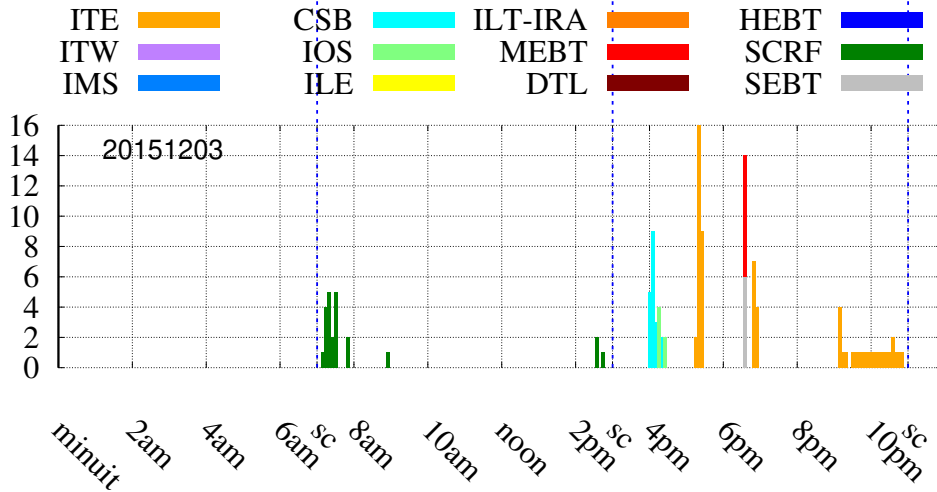
Total Commands (5min Binning)



Total Commands (5min Binning)

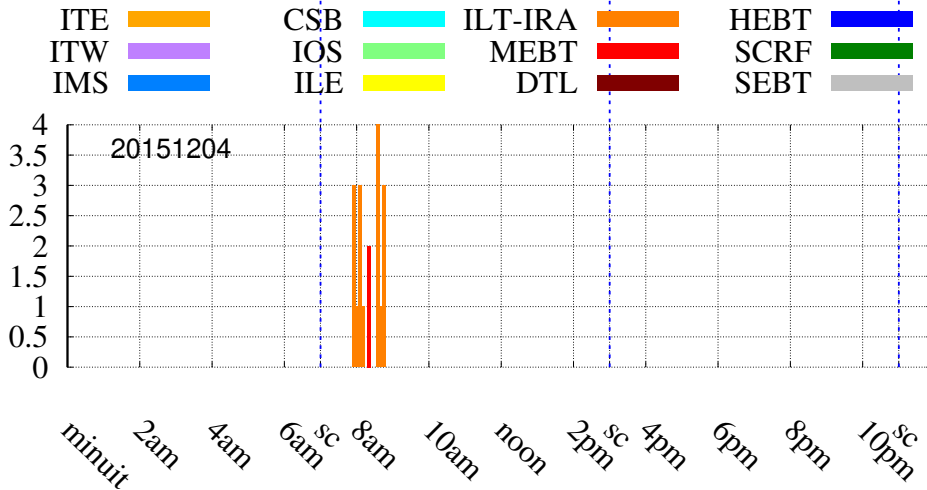


Total Commands (5min Binning)



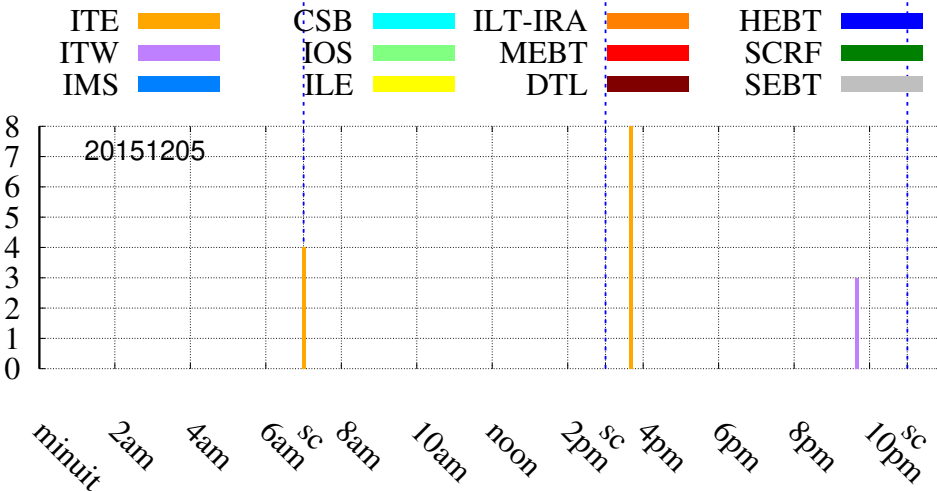
ITE 135.0 min  
 ITW 0.0 min  
 IMS 0.0 min  
 CSB 25.0 min  
 IOS 10.0 min  
 ILE 0.0 min  
 ILT-IRA 0.0 min  
 IRA 0.0 min  
 MEBT 5.0 min  
 DTL 0.0 min  
 HEBT 0.0 min  
 DSB 0.0 min  
 SCB 45.0 min  
 SCC 0.0 min  
 SEBT 5.0 min

Total Commands (5min Binning)



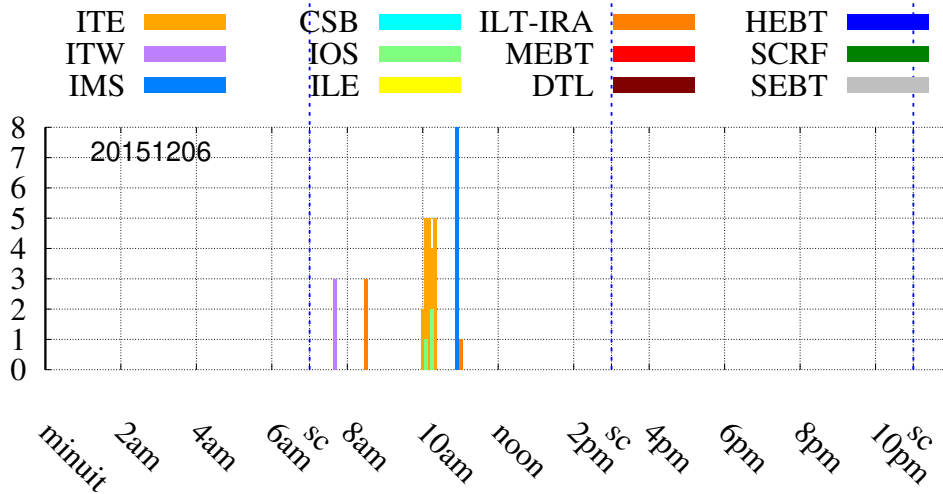
ITE 0.0 min  
 ITW 0.0 min  
 IMS 0.0 min  
 CSB 0.0 min  
 IOS 0.0 min  
 ILE 0.0 min  
 ILT-IRA 35.0 min  
 IRA 0.0 min  
 MEBT 5.0 min  
 DTL 0.0 min  
 HEBT 0.0 min  
 DSB 0.0 min  
 SCB 0.0 min  
 SCC 0.0 min  
 SEBT 0.0 min

Total Commands (5min Binning)



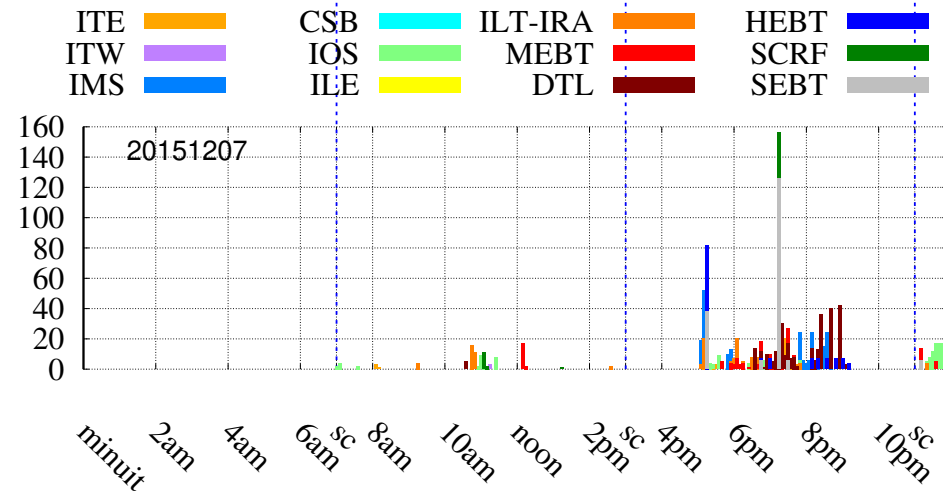
ITE 10.0 min  
 ITW 5.0 min  
 IMS 0.0 min  
 CSB 0.0 min  
 IOS 0.0 min  
 ILE 0.0 min  
 ILT-IRA 0.0 min  
 IRA 0.0 min  
 MEBT 0.0 min  
 DTL 0.0 min  
 HEBT 0.0 min  
 DSB 0.0 min  
 SCB 0.0 min  
 SCC 0.0 min  
 SEBT 0.0 min

Total Commands (5min Binning)



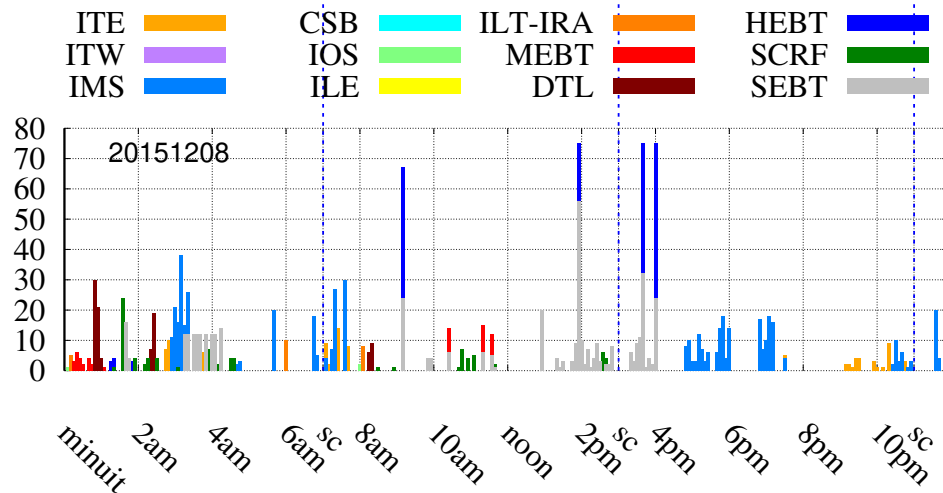
ITE 25.0 min  
 ITW 5.0 min  
 IMS 5.0 min  
 CSB 0.0 min  
 IOS 10.0 min  
 ILT 10.0 min  
 ILE 0.0 min  
 IRA 0.0 min  
 MEBT 0.0 min  
 DTL 0.0 min  
 HEBT 0.0 min  
 DSB 0.0 min  
 SCB 0.0 min  
 SCC 0.0 min  
 SEBT 0.0 min

Total Commands (5min Binning)



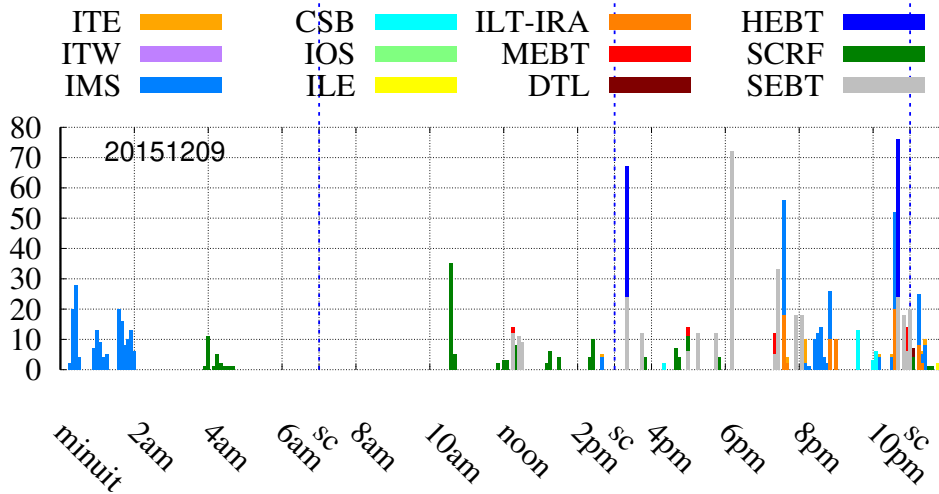
ITE 75.0 min  
 ITW 20.0 min  
 IMS 90.0 min  
 CSB 0.0 min  
 IOS 140.0 min  
 ILT 95.0 min  
 ILE 0.0 min  
 IRA 85.0 min  
 MEBT 110.0 min  
 DTL 110.0 min  
 HEBT 50.0 min  
 DSB 10.0 min  
 SCB 25.0 min  
 SCC 15.0 min  
 SEBT 25.0 min

Total Commands (5min Binning)



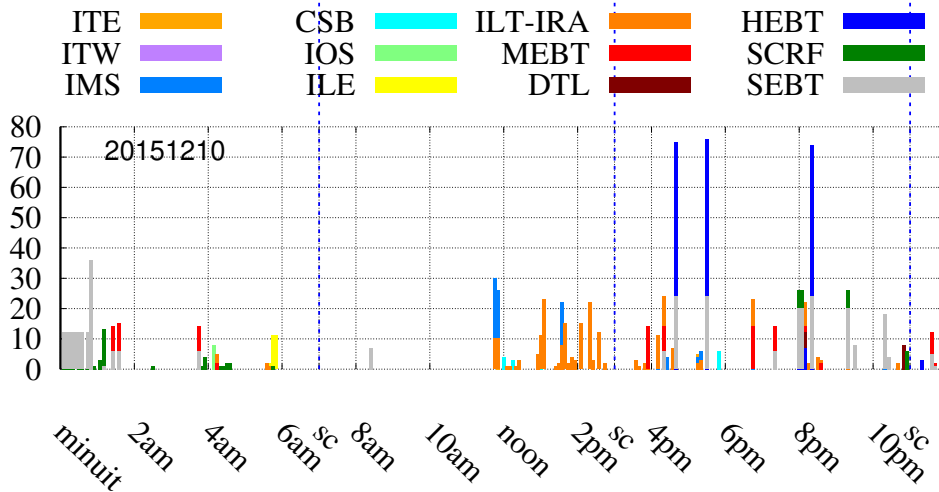
ITE 140.0 min  
 ITW 20.0 min  
 IMS 240.0 min  
 CSB 0.0 min  
 IOS 20.0 min  
 ILT 25.0 min  
 ILE 0.0 min  
 IRA 10.0 min  
 MEBT 90.0 min  
 DTL 45.0 min  
 HEBT 35.0 min  
 DSB 40.0 min  
 SCB 90.0 min  
 SCC 70.0 min  
 SEBT 220.0 min

Total Commands (5min Binning)



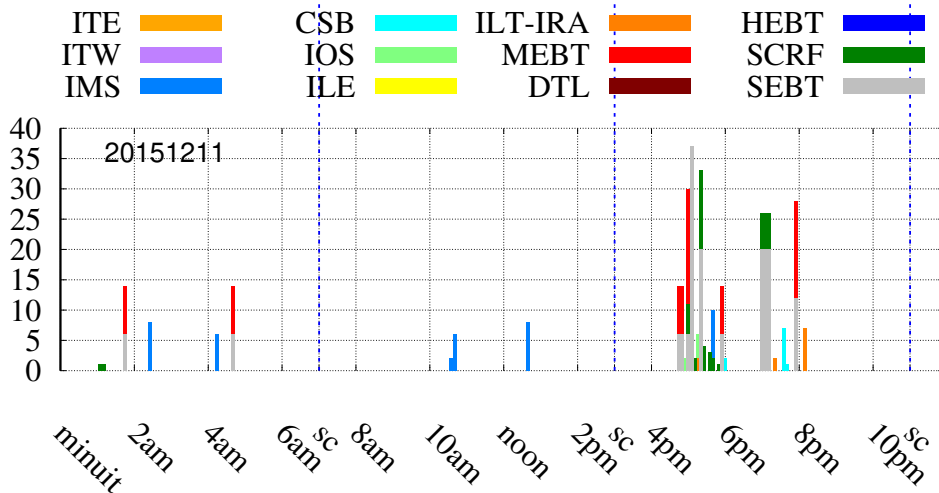
ITE	80.0 min
ITW	10.0 min
IMS	175.0 min
CSB	20.0 min
IOS	5.0 min
ILT-IRA	40.0 min
ILE	15.0 min
IRA	10.0 min
MEBT	45.0 min
DTL	10.0 min
HEBT	15.0 min
DSB	75.0 min
SCB	135.0 min
SCC	75.0 min
SEBT	90.0 min

Total Commands (5min Binning)



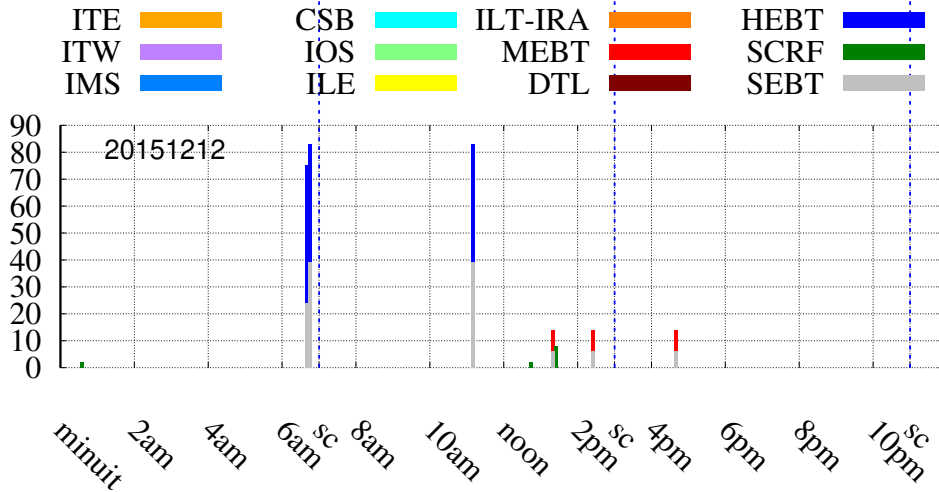
ITE	80.0 min
ITW	15.0 min
IMS	90.0 min
CSB	40.0 min
IOS	25.0 min
ILT-IRA	215.0 min
ILE	15.0 min
IRA	30.0 min
MEBT	105.0 min
DTL	25.0 min
HEBT	40.0 min
DSB	55.0 min
SCB	75.0 min
SCC	75.0 min
SEBT	135.0 min

Total Commands (5min Binning)



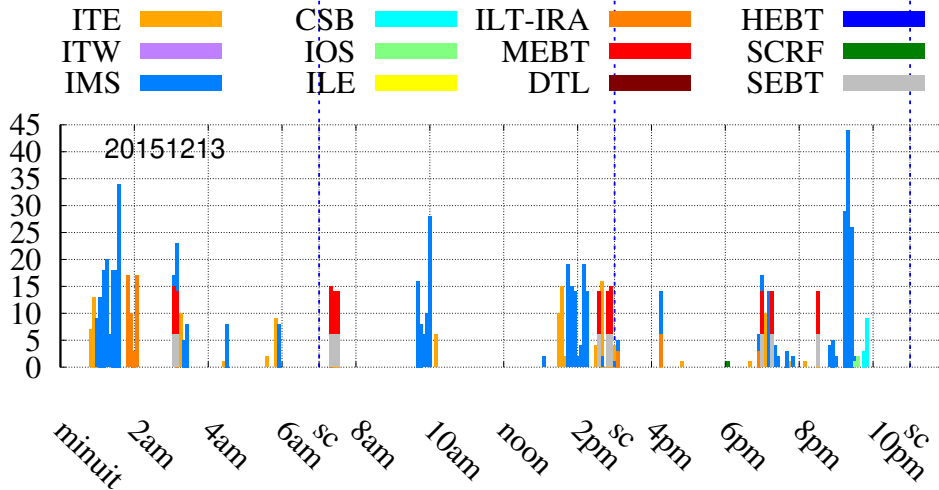
ITE	30.0 min
ITW	0.0 min
IMS	55.0 min
CSB	20.0 min
IOS	25.0 min
ILT-IRA	45.0 min
ILE	0.0 min
IRA	35.0 min
MEBT	60.0 min
DTL	30.0 min
HEBT	30.0 min
DSB	40.0 min
SCB	50.0 min
SCC	30.0 min
SEBT	60.0 min

Total Commands (5min Binning)



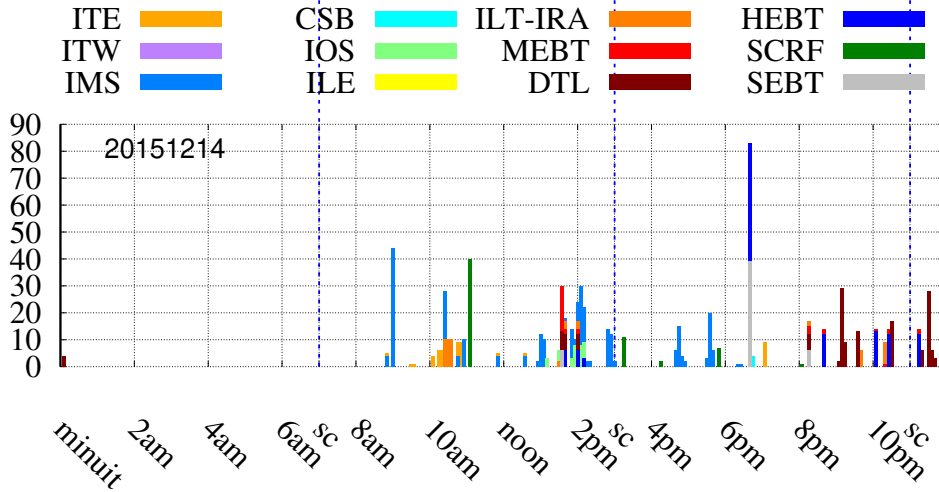
20151212

Total Commands (5min Binning)



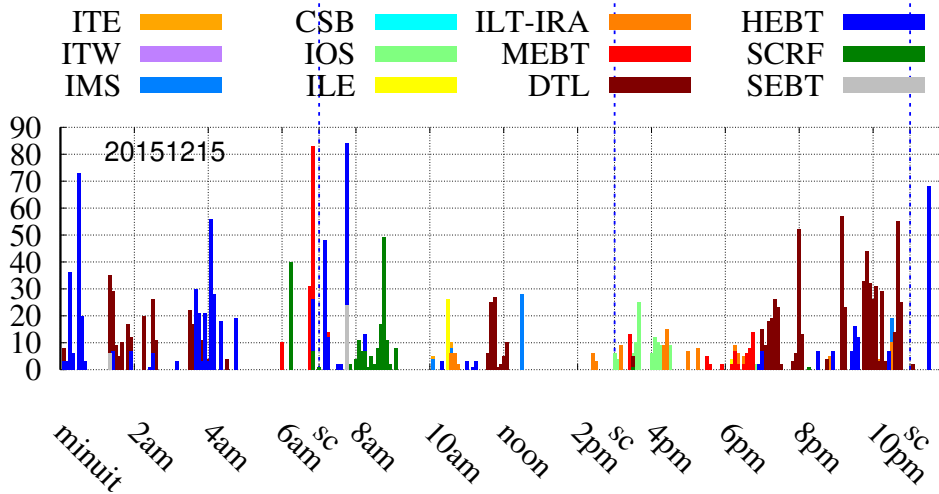
20151213

Total Commands (5min Binning)



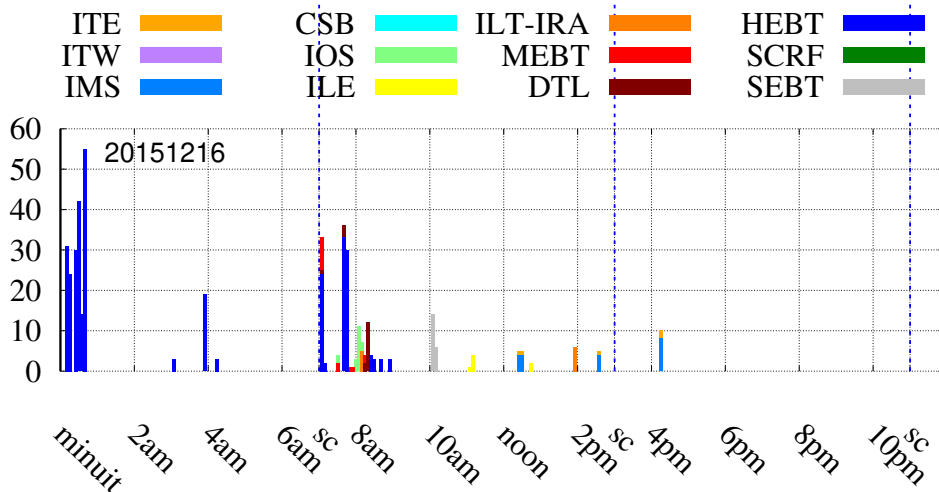
20151214

Total Commands (5min Binning)



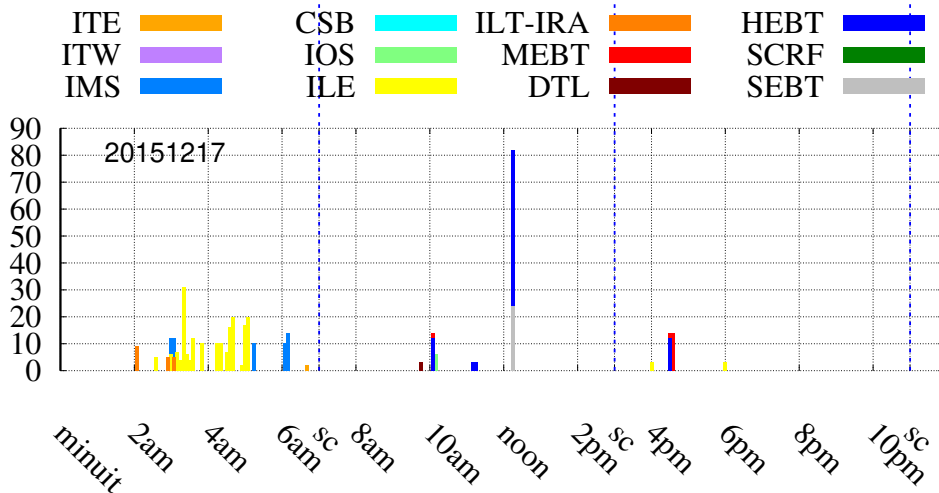
ITE	40.0 min
ITW	5.0 min
IMS	40.0 min
CSB	0.0 min
IOS	135.0 min
ILT-IRA	110.0 min
ILE	25.0 min
IRA	90.0 min
MEBT	140.0 min
DTL	290.0 min
HEBT	220.0 min
DSB	30.0 min
SCB	55.0 min
SCC	55.0 min
SEBT	10.0 min

Total Commands (5min Binning)



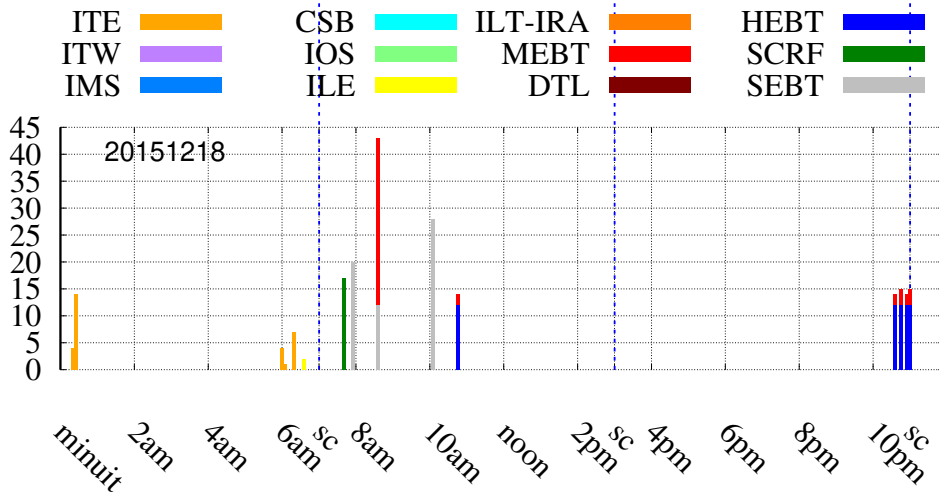
ITE	20.0 min
ITW	0.0 min
IMS	20.0 min
CSB	0.0 min
IOS	45.0 min
ILT-IRA	35.0 min
ILE	15.0 min
IRA	30.0 min
MEBT	55.0 min
DTL	40.0 min
HEBT	85.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	10.0 min

Total Commands (5min Binning)



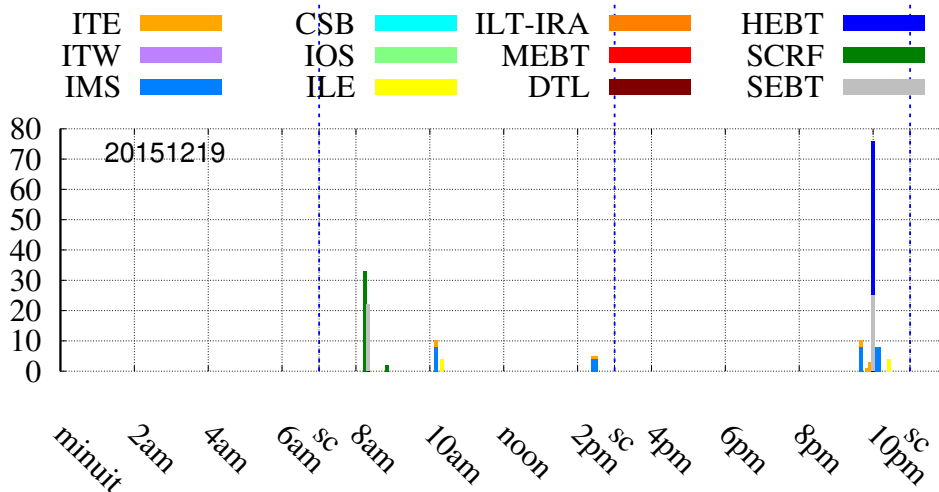
ITE	30.0 min
ITW	15.0 min
IMS	50.0 min
CSB	5.0 min
IOS	15.0 min
ILT-IRA	20.0 min
ILE	100.0 min
IRA	5.0 min
MEBT	25.0 min
DTL	10.0 min
HEBT	25.0 min
DSB	0.0 min
SCB	0.0 min
SCC	0.0 min
SEBT	5.0 min

Total Commands (5min Binning)



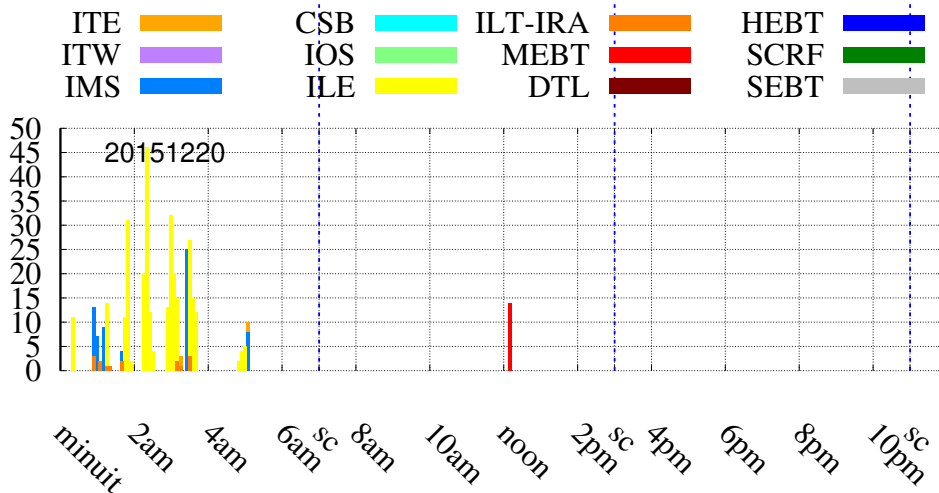
ITE 35.0 min  
 ITW 5.0 min  
 IMS 5.0 min  
 CSB 5.0 min  
 IOS 0.0 min  
 ILT 0.0 min  
 ILE 5.0 min  
 IRA 0.0 min  
 MEBT 30.0 min  
 DTL 0.0 min  
 HEBT 25.0 min  
 DSB 5.0 min  
 SCB 5.0 min  
 SCC 0.0 min  
 SEBT 15.0 min

Total Commands (5min Binning)



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

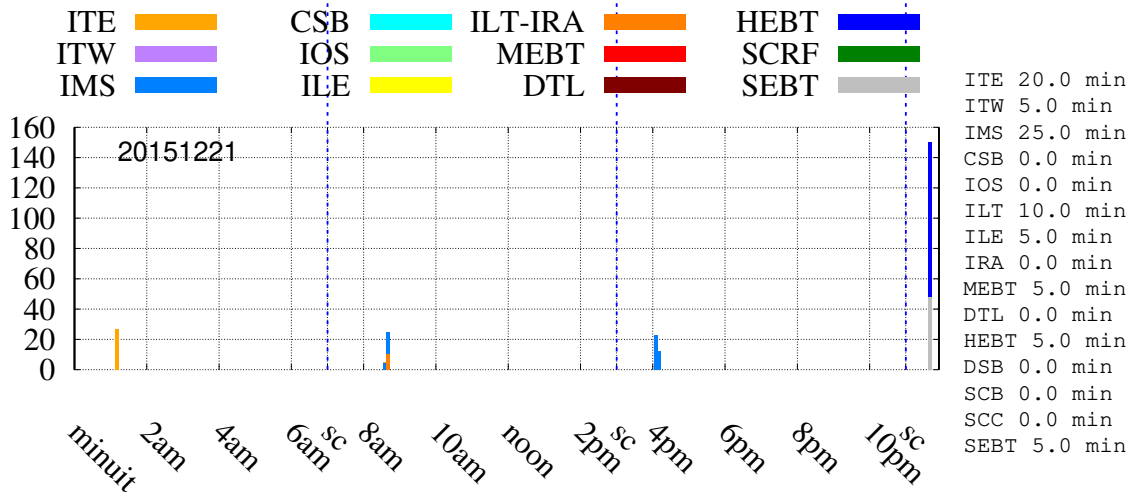
Total Commands (5min Binning)



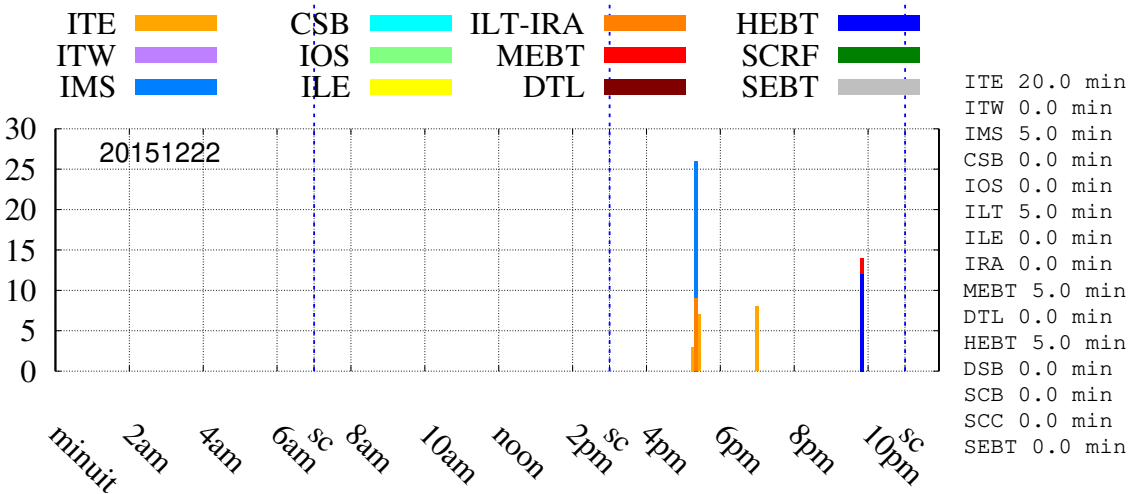
ITE 20.0 min  
 ITW 0.0 min  
 IMS 40.0 min  
 CSB 0.0 min  
 IOS 0.0 min  
 ILT 40.0 min  
 ILE 95.0 min  
 IRA 0.0 min  
 MEBT 5.0 min  
 DTL 0.0 min  
 HEBT 0.0 min  
 DSB 0.0 min  
 SCB 0.0 min  
 SCC 0.0 min  
 SEBT 0.0 min



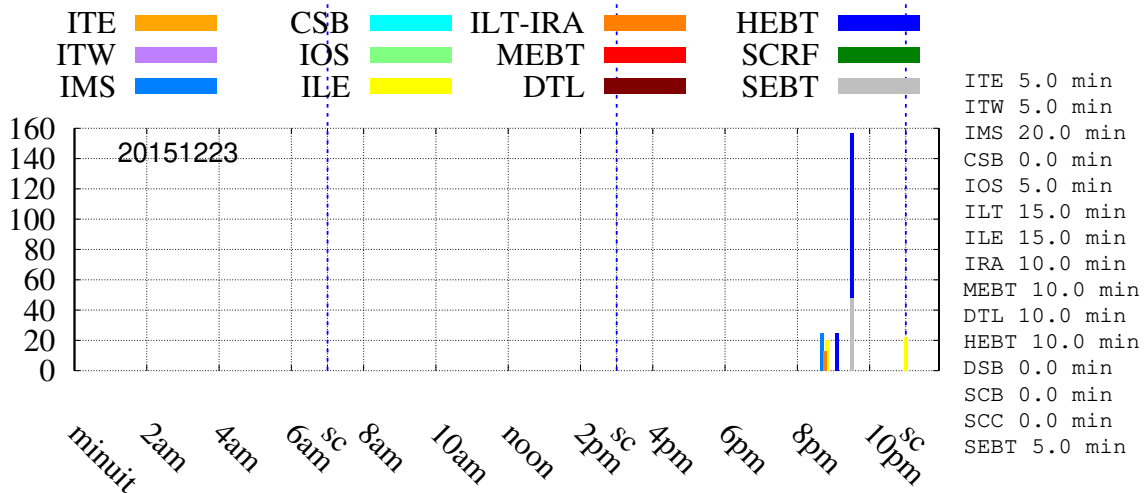
Total Commands (5min Binning)

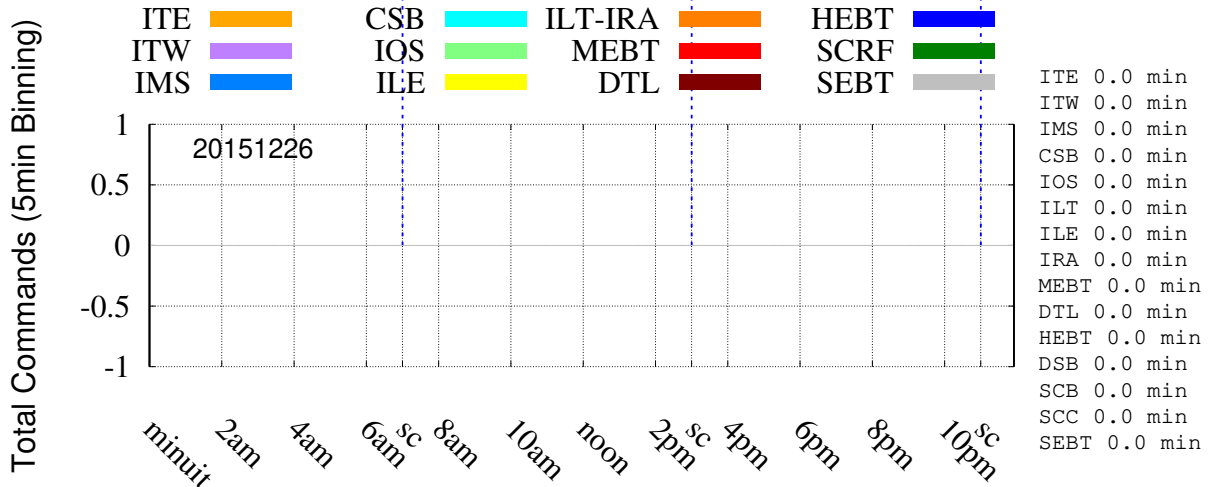
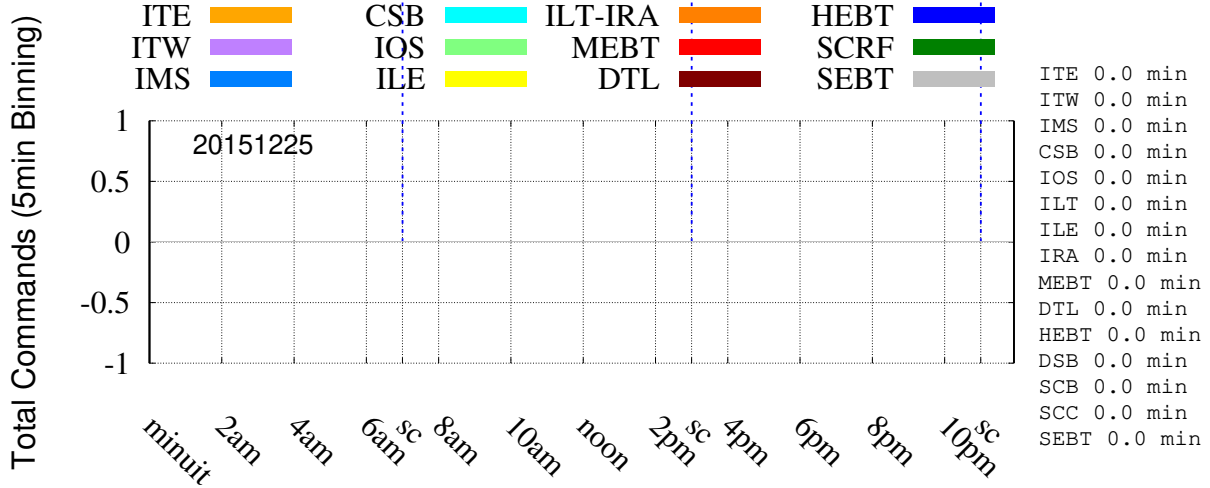
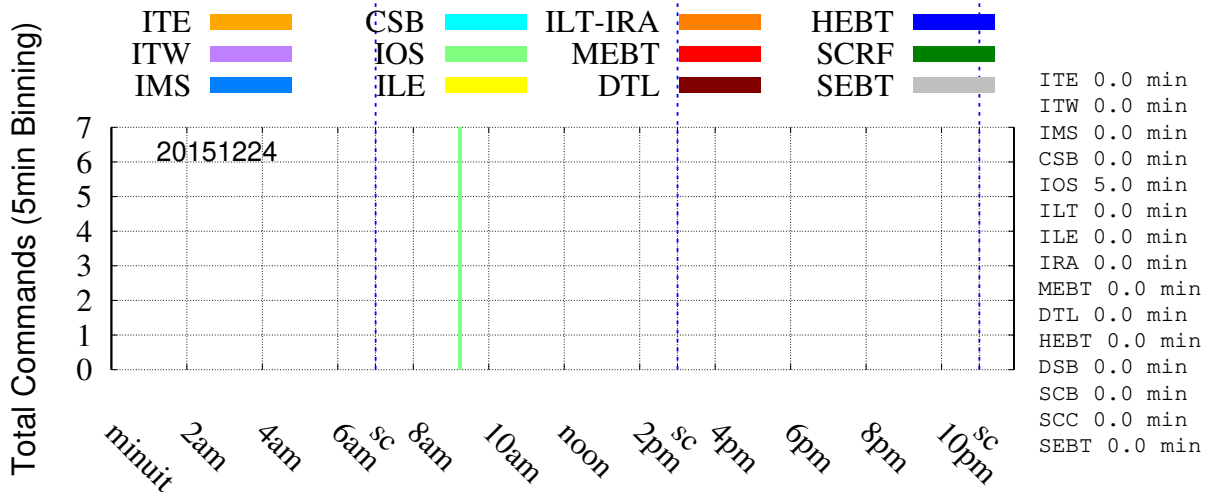


Total Commands (5min Binning)

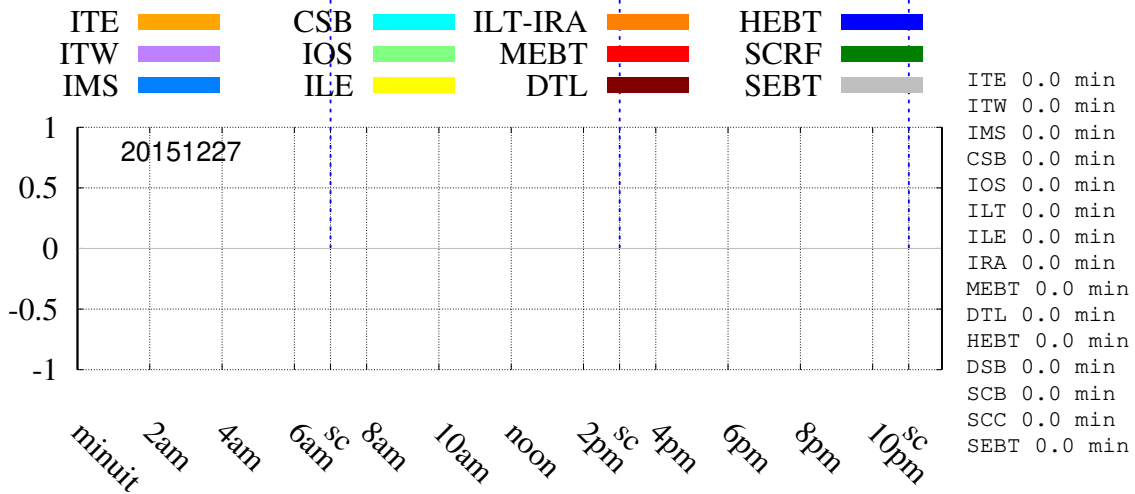


Total Commands (5min Binning)

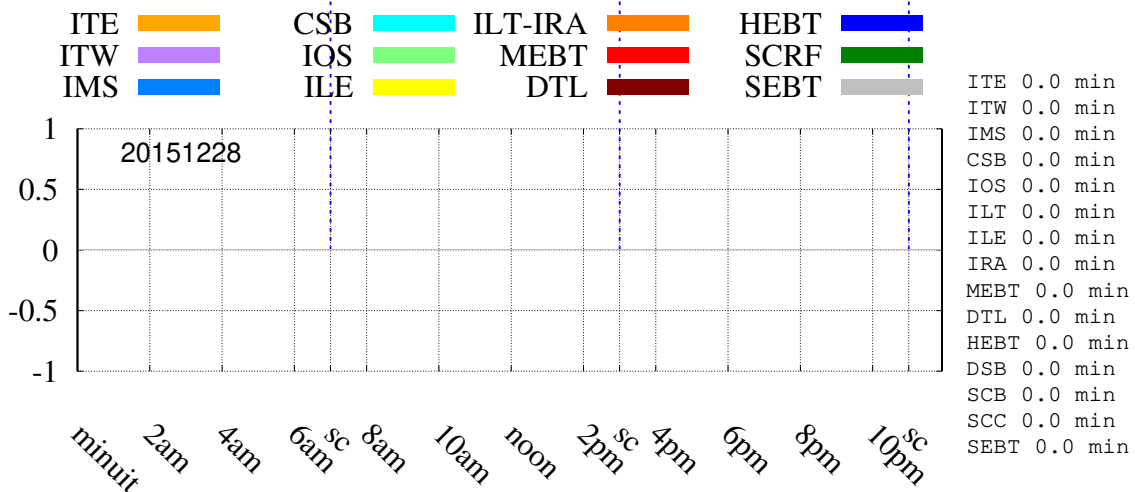




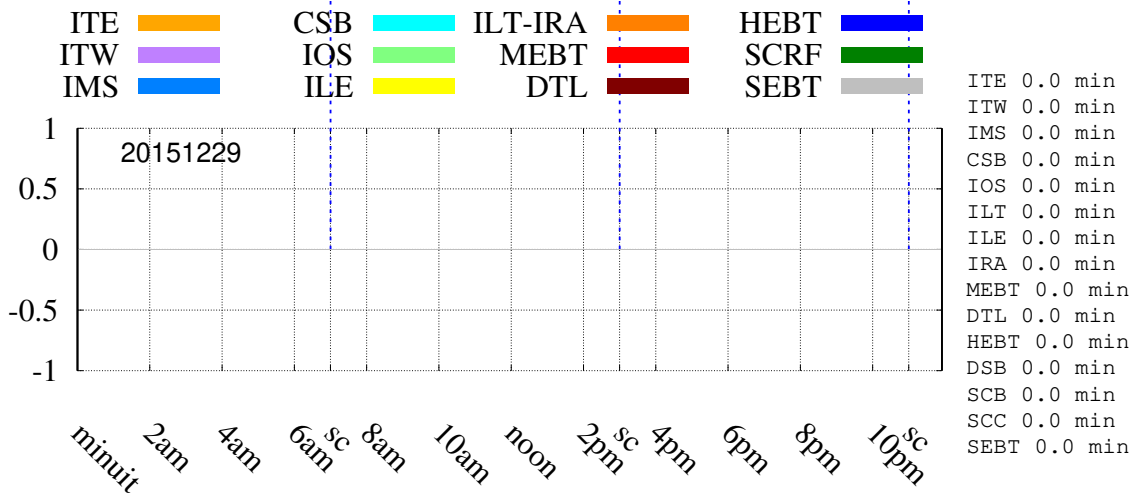
Total Commands (5min Binning)



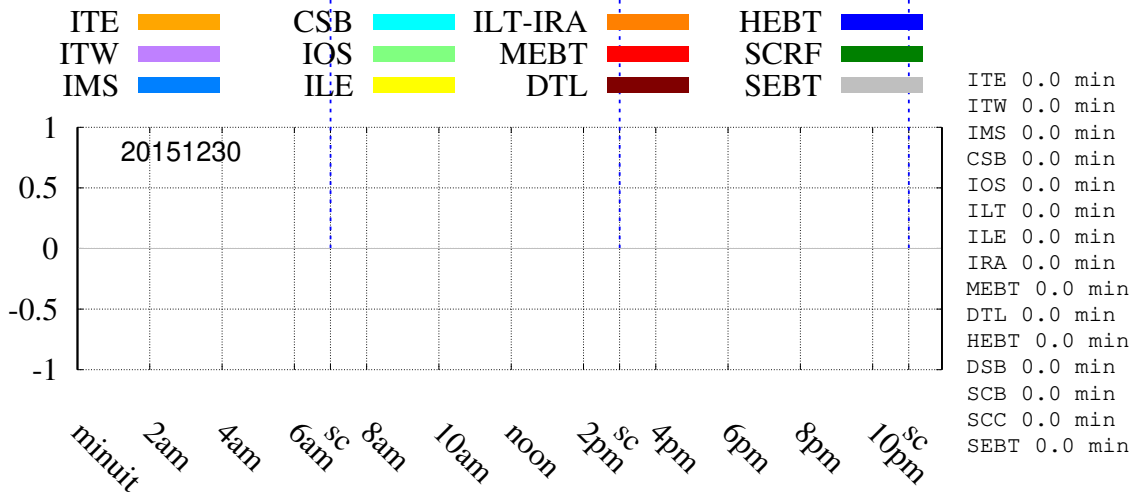
Total Commands (5min Binning)



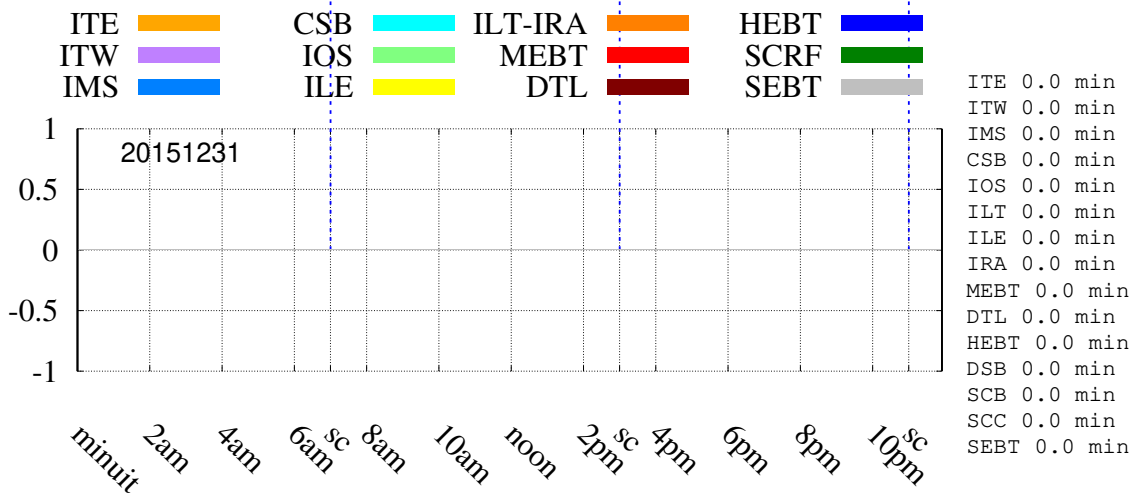
Total Commands (5min Binning)



Total Commands (5min Binning)



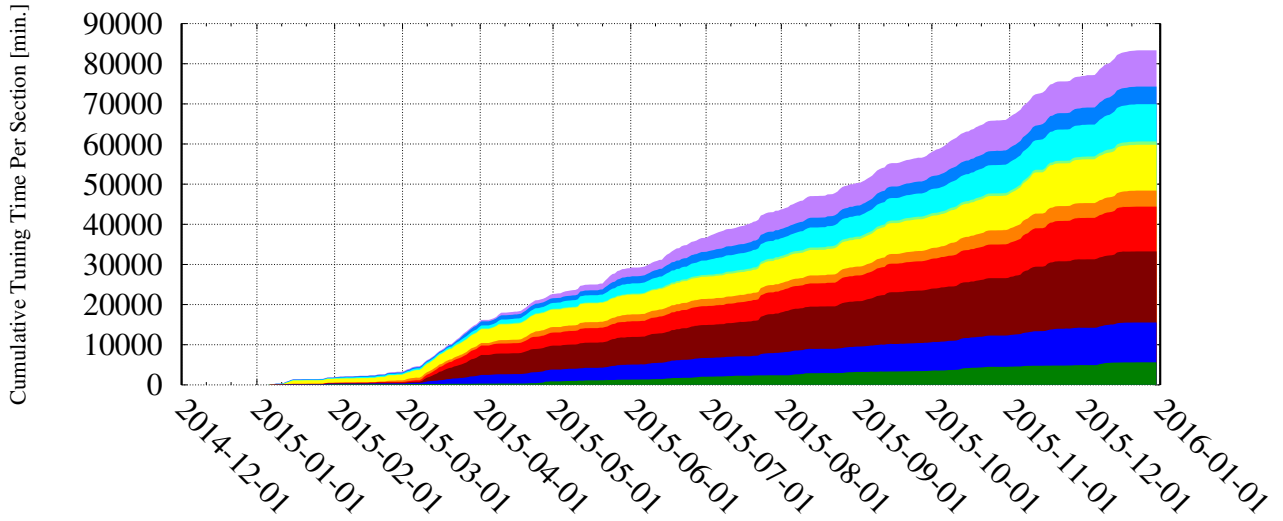
Total Commands (5min Binning)



END DAILY TOTALS



Cumulative Tuning Time (sum of nonzero bin count)



Total Daily Tuning Commands

