

Target	Visibility	EPIC [ks]	#slew	#oh	RGS [ks]	#slew	#oh	OM [ks]	#slew	#oh	Purpose	MOS1	MOS2	PN
2nd semester 2015														
CLOSED		10	0	1							Quiescent particle BG monitoring	FF CLOSED	FF CLOSED	FF CLOSED
SNR B0102-72.3	2909-2920	35	1	0.5							EPIC eff. area, gain/offset. PA=205	LW THIN	LW THIN	SW MEDIUM
SNR B0102-72.3	2909-2920	35	1	0.5							EPIC eff. area, gain/offset. 50" off-patch. PA=205	LW THIN	LW THIN	SW MEDIUM
Vela SNR	2910-2922	60	1	1							EPIC spectral capabilities & contamination; PA=102	FF CAL-MEDIUM	FF CAL-MEDIUM	FF CAL-THIN
RXJ1856.6-3754	2888-2903	35	1	0.5	35	0	0				EPIC detector response; also used for RGS	SW THIN	SW THIN	SW THIN
Crab	2879-2898	10	2	1.5							EPIC relative and absolute timing	TIMING THICK	TIMING THICK	TIMING / BURST THICK
Mkn 421	2915-2933				100	5	0.5				RGS effective area (5x20 ks multi-pointing, offsets)	20ks SW THICK (on-axis) + 80ks FF CALCLOSED	20ks SW THICK (on-axis) + 80ks FF CALCLOSED	20ks SW THICK (on-axis) + 80ks FF CALCLOSED
Capella	2877-2894				45	1	0.5				RGS CTI and wavelength scale	11ks SW THICK + 34ks FF CLOSED	11ks SW THICK + 34ks FF CLOSED	11ks SW THICK + 34ks EFF CALCLOSED
BPM 16274	2849-2850, 2913-2942							15	1	1	OM photometric	FF DIAGNOSTIC	FF DIAGNOSTIC	FF CLOSED NOISE
SA95-42	2864-2885							35	1	1	OM photometric	FF CALCLOSED	FF CALCLOSED	FF CALCLOSED
GD153	2849-2857							15	1	1	OM grisms	FF CALCLOSED	FF CALCLOSED	EFF CALCLOSED
1ES1553+113	2863-2885	15	1	0.5	15	0	0				XMM cross calibration	SW MEDIUM	SW MEDIUM	SW MEDIUM
Zeta Puppis	2910-2922	45	1	0.5							EPIC eff. area, gain/offset. 50" off-patch. PA=112	LW THICK	LW THICK	SW THICK
1st semester 2016														
CLOSED		10	0	1							Quiescent particle BG monitoring	FF CLOSED	FF CLOSED	FF CLOSED
Zeta Puppis	2988-3026	30	1	0.5	30	0	0				XMM-Newton long wavelength response	SW THICK	SW THICK	SW THICK
LHA 120-N 132	2962-2972	45	1	0.5							EPIC eff. area, gain/offset. PA=248.5	LW THIN	LW THIN	SW THIN
Crab	2969-2987	10	2	1.5							EPIC relative and absolute timing	TI THICK	TI THICK	TIMING / BURST THICK
Mkn 421	3002-3024				100	5	0.5				RGS effective area (5x20 ks multi-pointing, offsets)	20ks SW THICK (on-axis) + 80ks FF CALCLOSED	20ks SW THICK (on-axis) + 80ks FF CALCLOSED	20ks SW THICK (on-axis) + 80ks FF CALCLOSED
Mkn 421	3002-3024				20	2	0.5				RGS gain and CTI (2x10 ks observations at +/- 2 arcmin offset in X-dispersion)	FF CLOSED	FF CLOSED	EFF CLOSED
PSR B0833-45	2999-3020				100	1	1				RGS long-wavelength calibration, PA=294	10 ks LW MEDIUM + 89.5ks FF CALCLOSED	10 ks LW MEDIUM + 89.5 ks FF CALCLOSED	10 ks LW MEDIUM + 37.5 ks EFF CALCLOSED + 37.5 ks EFF CALCLOSED
BPM 16274	3002-3032							15	1	1	OM photometric	SW+LW DIAGNOSTIC	SW+LW DIAGNOSTIC	FF CLOSED NOISE
H22	2958-2977							15	1	1	OM photometric	FF CALCLOSED	FF CALCLOSED	FF CALCLOSED
RXJ1856.6-3754	2977-2997	35	1	0.5	35	0	0				EPIC detector response; also used for RGS, 50" off-patch. PA=82	LW THIN	LW THIN	SW THIN
3C273	3021-3032	30	1	0.5	30	0	0				XMM cross calibration - Coord. Chandra/NuSTAR/Suzaku/Swift	SW MEDIUM	SW MEDIUM	SW THIN

Slew/OH Sum		14	9,5	14	3	5	5
Sum individual [ks]		405	64,4	28,5	510	64,4	2,97
Sum w/overheads [ks]%		433,5	36%	513,0	43%	95,0	8%
Grand-total [ks]%		497,9	42%	577,4	48%	118,0	10%

SUM ALL [ks] 1193,3 5,0% of total time available 1161,8 4,9% if only slew are considered

TOTAL TIME AVAILABLE [ks]	Rev Start: 2849	Rev Stop: 3032	#Revs: 184
	23920,0	ks/Rev: 130,0	
5% for routine available =	1196,0		
DIF TOTAL [ks]	2,7		
INSTRUMENTS CAN USE	478,4	40%	478,4 40%
DIF FOR INSTRUMENTS [ks]	-19,5		239,2 20%
XMM-other cross cal.	45,0	If not counted as Rcal, SUM ALL	1146,3 4,8%