

### NICER GO Cycle 3 - Accepted NICER Targets

Prop #	Target			Time req	ObsID	Priority†	Background Restrictions		TOO	#Triggers‡	NuSTAR time approved
	Name	RA (deg)	Dec (deg)				Particle	Optical			
4007	MAGNETAR/HIGH-B PSR	0	0	100 ks	450701vv	A			Y	1 trigger	
4007	NEW MAGNETAR	0	0	100 ks	450702vv	A			Y		
4009	SMC X-1	19.27142	-73.4433	120 ks	450901vv	A					
4017	XSS J12270-4859	186.9948	-48.8952	120 ks	451701vv	A	Y	Y	Y	1 trigger	
4017	PSR J1723-2837	260.8466	-28.6325	120 ks	451702vv	A	Y	Y	Y		
4017	PSR J1628-3205	247.0293	-32.0969	120 ks	451703vv	A	Y	Y	Y		
4017	PSR J2129-0429	322.4375	-4.48489	120 ks	451704vv	A	Y	Y	Y		
4017	PSR J1816+4510	274.1497	45.17608	120 ks	451705vv	A	Y	Y	Y		
4017	PSR J2215+5135	333.8862	51.59347	120 ks	451706vv	A	Y	Y	Y		
4017	PSR J2339-0533	354.9115	-5.55147	120 ks	451707vv	A	Y	Y	Y		
4017	1FGL J0523.5-2529	80.8205	-25.4603	120 ks	451708vv	A	Y	Y	Y		
4017	PSR J1417-4402	214.3775	-44.0493	120 ks	451709vv	A	Y	Y	Y		
4017	PSR J1048+2339	162.1809	23.66483	120 ks	451710vv	A	Y	Y	Y		
4017	3FGL J0212.1+5320	33.04358	53.36072	120 ks	451711vv	A	Y	Y	Y		
4017	3FGL J0427-6704	66.95671	-67.0764	120 ks	451712vv	A	Y	Y	Y		
4017	3FGL J0744.1-2523	116.0353	-25.3997	120 ks	451713vv	A	Y	Y	Y		
4017	3FGL J2039.6-5618	309.8958	-56.2858	120 ks	451714vv	A	Y	Y	Y		
4017	3FGL J0954.8-3948	131.5912	-39.7979	120 ks	451715vv	A	Y	Y	Y		

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	Name	RA (deg)	Dec (deg)				Particle	Optical			
4017	PSR J1302-3258	195.6063	-32.9769	120 ks	451716vv	A	Y	Y	Y		
4017	PSR J1306-40	196.7345	-40.5899	120 ks	451717vv	A	Y	Y	Y		
4017	PSR J1431-4715	217.936	-47.2576	120 ks	451718vv	A	Y	Y	Y		
4017	PSR J1622-0315	245.7485	-3.26036	120 ks	451719vv	A	Y	Y	Y		
4017	NEW TRANSITIONAL MSP	0	0	120 ks	451720vv	A	Y	Y	Y		
4018	LMXB TRANSIENT 1	0	0	40 ks	451801vv	A	Y	Y	Y	2 triggers	
4018	LMXB TRANSIENT 2	0	0	40 ks	451802vv	A	Y	Y	Y		
4022	THE CRAB NEBULA	83.63317	22.01453	26 ks	452201vv	A					
4031	PSR J1023+0038	155.928	0.63544	200 ks	453101vv	A	Y	Y			
4033	FRB 121102	83.04	33.08694	50 ks	453301vv	A	Y		Y	2 triggers	
4033	FRB 180301	93.18083	4.56244	50 ks	453302vv	A	Y		Y		
4034	MCG-5-23-16	146.9173	-30.9487	100 ks	453401vv	A					
4036	FRB 180916.J0158+65	29.50313	65.71675	50 ks	453601vv	A	Y				
4039	MAXI J1820+070	275.0915	7.18536	50 ks	453902vv	A			Y	1 trigger	
4039	SWIFT J1357.2-0933	209.32	-9.32	50 ks	453903vv	A			Y		
4039	XTE J1752-223	268.0629	-22.3424	50 ks	453904vv	A			Y		
4039	H 1743-322	266.565	-32.2335	50 ks	453905vv	A			Y		
4039	4U 1630-472	248.5067	-47.393	50 ks	453906vv	A			Y		
4039	MAXI J1535-571	233.8322	-57.23	50 ks	453909vv	A			Y		

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	Name	RA (deg)	Dec (deg)				Particle	Optical			
4039	SWIFT J1539.2-6227	234.7998	-62.4673	50 ks	453910vv	A			Y		
4039	GRO J1655-40	253.5005	-39.8458	50 ks	453912vv	A			Y		
4039	SWIFT J1658.2-4242	254.5527	-42.6985	50 ks	453913vv	A			Y		
4039	GX 339-4	255.7057	-48.7897	50 ks	453914vv	A			Y		
4040	XTE J1118+480	169.545	48.03675	120 ks	454002vv	A			Y	1 trigger	
4040	SWIFT J1753.5-0127	268.3679	-1.45175	120 ks	454003vv	A			Y		
4040	XTE J1859+226	284.6733	22.65817	120 ks	454004vv	A			Y		
4040	MAXI J1659-152	254.757	-15.258	120 ks	454005vv	A			Y		
4040	XTE J1817-330	274.4314	-33.0188	120 ks	454006vv	A			Y		
4043	IGR J00291+5934	7.26275	59.57194	150 ks	454301vv	A			Y	1 trigger	
4044	BH TRANSIENT	0	0	60 ks	454401vv	A			Y	1 trigger	
4045	IGR J17062-6143	256.5679	-61.7113	100 ks	454501vv	A					
4047	MRK 1018	31.56667	-0.29139	80 ks	454701vv	A					
4049	1E 1841-045	280.3306	-4.93644	60 ks	454901vv	A					
4049	SGR 0501+4516	75.27817	45.27608	50 ks	454902vv	A					
4049	1E 1048.1-5937	162.5298	-59.8893	44 ks	454903vv	A					
4049	1E 2259+586	345.2845	58.879	13 ks	454904vv	A					
4049	1RXS J170849.0-40091	257.1953	-40.1479	9 ks	454905vv	A					
4049	4U 0142+61	26.59337	61.75089	10 ks	454906vv	A					

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	Name	RA (deg)	Dec (deg)				Particle	Optical			
4050	DGPS TARGET 1	0	0	10 ks	455001vv	A			Y	5 triggers	
4050	DGPS TARGET 2	0	0	10 ks	455002vv	A			Y		
4050	DGPS TARGET 3	0	0	10 ks	455003vv	A			Y		
4050	DGPS TARGET 4	0	0	10 ks	455004vv	A			Y		
4050	DGPS TARGET 5	0	0	10 ks	455005vv	A			Y		
4053	BH TRANSIENT	0	0	44 ks	455301vv	A			Y	1 trigger	
4060	MAGNETAR OUTBURST 1	0	0	100 ks	456001vv	A			Y	2 triggers	100 ks
4060	MAGNETAR OUTBURST 2	0	0	cont.	456002vv	A			Y		
4062	NGC 2992	146.4252	-14.3264	120 ks	456201vv	A	Y	Y			
4062	NGC 2992	146.4252	-14.3264	120 ks	456202vv	A	Y	Y			
4065	I ZW 1	13.39558	12.69339	50 ks	456501vv	A					
4065	I ZW 1	13.39558	12.69339	50 ks	456502vv	A					
4070	MAGELLANIC CLD 1	0	0	20 ks	457001vv	A			Y	5 triggers	
4070	MAGELLANIC CLD 2	0	0	20 ks	457002vv	A			Y		
4070	MAGELLANIC CLD 3	0	0	20 ks	457003vv	A			Y		
4070	MAGELLANIC CLD 4	0	0	20 ks	457004vv	A			Y		
4070	MAGELLANIC CLD 5	0	0	20 ks	457005vv	A			Y		
4078	XRAY TDE 1	0	0	30 ks	457801vv	A	Y	Y	Y	1 trigger	
4078	XRAY TDE 2	0	0	30 ks	457802vv	A	Y	Y	Y		

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4078	XRAY TDE 3	0	0	30 ks	457803vv	A	Y	Y	Y		
4078	XRAY TDE 4	0	0	30 ks	457804vv	A	Y	Y	Y		
4087	X-RAY BRIGHT TDE	0	0	60 ks	458701vv	A			Y	1 trigger	
4089	NGC 300 ULX1	13.77025	-37.6955	30 ks	458901vv	A			Y	1 trigger	
4090	V4641 SGR	274.8401	-25.4072	5 ks	459001vv	A			Y	up to 10	
4090	SWIFT J1858.6-0814	284.6733	-8.23747	5 ks	459002vv	A			Y		
4090	GS 1354-64	209.5404	-64.7349	5 ks	459003vv	A			Y		
4090	UNKNOWN BH XRB 1	0	0	5 ks	459004vv	A			Y		
4090	UNKNOWN BH XRB 2	0	0	5 ks	459005vv	A			Y		
4090	UNKNOWN BH XRB 3	0	0	5 ks	459006vv	A			Y		
4090	UNKNOWN BH XRB 4	0	0	5 ks	459007vv	A			Y		
4090	UNKNOWN BH XRB 5	0	0	5 ks	459008vv	A			Y		
4092	CTCV J2056 3014	314.2167	-30.2439	70 ks	459201vv	A					
4094	4U 1538-522	235.5973	-52.386	52 ks	459401vv	A					
4095	EROSITA AGN EVENT 1	0	0	20 ks	459501vv	A			Y	up to 10	
4095	EROSITA AGN EVENT 2	0	0	20 ks	459502vv	A			Y		
4095	EROSITA AGN EVENT 3	0	0	20 ks	459503vv	A			Y		
4095	EROSITA AGN EVENT 4	0	0	20 ks	459504vv	B			Y		
4095	EROSITA AGN EVENT 5	0	0	20 ks	459505vv	B			Y		

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4095	EROSITA AGN EVENT 6	0	0	20 ks	459506vv	B			Y		
4095	EROSITA AGN EVENT 7	0	0	20 ks	459507vv	C			Y		
4095	EROSITA AGN EVENT 8	0	0	20 ks	459508vv	C			Y		
4095	EROSITA AGN EVENT 9	0	0	20 ks	459509vv	C			Y		
4095	EROSITA AGN EVENT 10	0	0	20 ks	459510vv	C			Y		
4096	BH TRANSIENT	0	0	50 ks	459601vv	A			Y	1 trigger	
4097	SGR 1935+2154	293.7316	21.89661	360 ks	459701vv	A					
4099	TRANSIENT BH XRB	0	0	80 ks	459901vv	A			Y	1 trigger	80 ks
4101	47 TUC X-9	6.02233	-72.0814	60 ks	460101vv	A					
4103	BH TRANSIENT	0	0	80 ks	460301vv	A			Y	1 trigger	
4104	EROSITA TRANSIENT 1	0	0	36 ks	460401vv	A			Y	up to 10	
4104	EROSITA TRANSIENT 2	0	0	36 ks	460402vv	A			Y		
4104	EROSITA TRANSIENT 3	0	0	36 ks	460403vv	A			Y		
4104	EROSITA TRANSIENT 4	0	0	36 ks	460404vv	A			Y		
4104	EROSITA TRANSIENT 5	0	0	36 ks	460405vv	B			Y		
4104	EROSITA TRANSIENT 6	0	0	36 ks	460406vv	B			Y		
4104	EROSITA TRANSIENT 7	0	0	36 ks	460407vv	B			Y		
4104	EROSITA TRANSIENT 8	0	0	36 ks	460408vv	B			Y		
4104	EROSITA TRANSIENT 9	0	0	36 ks	460409vv	C			Y		

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4104	EROSITA TRANSIENT 10	0	0	36 ks	460410vv	C			Y		
4107	PSR J1838-0655	279.513	-6.92594	33 ks	460701vv	A					
4107	PSR J1846-0258	281.6039	-2.97503	91 ks	460702vv	A					
4110	UNKNOWN NUCLEAR TRANSIENT 1	0	0	75 ks	461001vv	A	Y	Y	Y	2 triggers	
4110	UNKNOWN NUCLEAR TRANSIENT 2	0	0	cont.	461002vv	A	Y	Y	Y		
4113	EROSITA QPE	0	0	48 ks	461301vv	A			Y	1 trigger	
4114	1E1207.4-5209	182.5038	-52.4412	200 ks	461401vv	A					
4115	TOO BLAZAR1	0	0	35 ks	461501vv	A			Y	2 triggers	
4115	TOO BLAZAR2	0	0	35 ks	461502vv	B			Y		
4116	2MASS02314715-10201	37.9465	-10.3364	30 ks	461601vv	A					
4116	2MASS02314715-10201	37.9465	-10.3364	30 ks	461602vv	A					
4116	2MASS02314715-10201	37.9465	-10.3364	30 ks	461603vv	A					
4116	2MASS02314715-10201	37.9465	-10.3364	30 ks	461604vv	A					
4117	ETA CARINAE	161.2648	-59.6844	52 ks	461701vv	A					
4118	UNKNOWN BHB	0	0	60 ks	461801vv	A			Y	up to 12	60 ks
4119	AMXP	0	0	50 ks	461901vv	A			Y	1 trigger	
4122	A NEW NOVA	0	0	20 ks	462201vv	A	Y		Y	1 trigger	
4122	RX J0513.9-6951	78.46171	-69.8631	30 ks	462202vv	A	Y		Y		
4123	67P/CHURYUMOV-GERASI	0	0	45 ks	462301vv	A					

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	Name	RA (deg)	Dec (deg)				Particle	Optical			
4123	19P/BORRELLY	0	0	70 ks	462302vv	A					
4124	WOLF 359	164.1201	7.01453	120 ks	462401vv	A					
4124	AD LEO	154.9012	19.87	120 ks	462402vv	A					
4124	PROXIMA CENTAURI	217.429	-62.6795	120 ks	462403vv	A					
4128	MRK 817	219.092	58.79428	99 ks	462801vv	A					
4128	MRK 817	219.092	58.79428	35 ks	462802vv	A					
4129	4FGL J0407.7-5702	61.88217	-57.007	80 ks	462901vv	A					
4131	LS 5039	276.5628	-14.8484	100 ks	463101vv	A	Y				
4131	LMC P3	84	-67.5853	50 ks	463102vv	C					
4131	HESS J0632+057	98.24692	5.80033	50 ks	463103vv	C					
4134	IGR J16479-4514	252.0273	-45.2019	50 ks	463401vv	A	Y				
4135	NGC 1042 ULX1	40.10667	-8.40833	50 ks	463501vv	A					100 ks
4138	PKS 2126-15	322.3007	-15.6447	20 ks	463801vv	A					
4138	1RXS J225146.9-32061	342.9471	-32.104	20 ks	463802vv	A					
4138	2MASS J09343014-1721	143.6258	-17.3559	20 ks	463803vv	A					
4138	PKS 0312-770	47.98021	-76.8641	20 ks	463804vv	A					
4139	UNKNOWN BHB	0	0	50 ks	463901vv	A			Y	1 trigger	
4142	NEXT BH CANDIDATE	0	0	120 ks	464201vv	A			Y	1 trigger	
4145	OCCULTATION TOO 1	0	0	70 ks	464501vv	A			Y	3 triggers	



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4145	OCCULTATION TOO 2	0	0	70 ks	464502vv	A			Y		
4145	OCCULTATION TOO 3	0	0	70 ks	464503vv	B			Y		
4147	GRS 1915+105	288.7981	10.94578	95 ks	464701vv	A					
4151	HER X-1	254.4575	35.34233	5 ks	465101vv	A			Y	6 triggers	
4151	AQL X-1	287.8167	0.58494	5 ks	465102vv	A			Y		
4151	CYG X-2	326.1713	38.32139	5 ks	465103vv	A			Y		
4151	4U 0614+09	94.28042	9.13694	5 ks	465104vv	A			Y		
4151	UNKNOWN NS XRB 1	0	0	5 ks	465105vv	A			Y		
4151	UNKNOWN NS XRB 2	0	0	5 ks	465106vv	A			Y		
4152	UNKNOWN BH XRB	0	0	40 ks	465201vv	A			Y	up to 5	60 ks
4154	UNKNOWN LMXB	0	0	120 ks	465401vv	A			Y	1 trigger	
4155	GRO J0422+32	65.42804	32.90706	8 ks	465501vv	A			Y	1 trigger	80 ks
4155	1A 0620-00	95.68521	-0.34556	8 ks	465502vv	A			Y		
4155	GRS 1009-45	153.402	-45.0757	8 ks	465503vv	A			Y		
4155	GS 1124-684	171.6095	-68.6759	8 ks	465504vv	A			Y		
4155	1A 1524-62	232.071	-61.8828	8 ks	465505vv	A			Y		
4155	4U 1543-475	236.7849	-47.6697	8 ks	465506vv	A			Y		
4155	XTE J1550-564	237.7442	-56.4768	8 ks	465507vv	A			Y		
4155	XTE J1650-500	252.5038	-49.9623	8 ks	465508vv	A			Y		

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4155	H 1705-250	257.0604	-25.0917	8 ks	465509vv	A			Y		
4155	GRS 1730-312	264.2709	-31.7026	8 ks	465510vv	A			Y		
4155	KS 1732-273	264.0089	-27.4282	8 ks	465511vv	A			Y		
4155	GRS 1737-31	265.0372	-31.0396	8 ks	465512vv	A			Y		
4155	1A 1742-289	266.3983	-29.0263	8 ks	465513vv	A			Y		
4155	XTE J1748-288	267.0213	-28.4734	8 ks	465514vv	A			Y		
4155	XTE J1755-324	268.8686	-32.4775	8 ks	465515vv	A			Y		
4155	H 1755-338	269.6666	-33.8069	8 ks	465516vv	A			Y		
4155	XTE J1859+226	284.6727	22.65828	8 ks	465517vv	A			Y		
4155	GS 2000+251	300.7069	25.23678	8 ks	465518vv	A			Y		
4155	XTE J2012+381	303.1568	38.18336	8 ks	465519vv	A			Y		
4156	FBOT	0	0	30 ks	465601vv	A	Y	Y	Y	1 trigger	
4156	FBOT	0	0	30 ks	465602vv	A	Y	Y	Y		
4158	SWIFT J1749.4-2807	267.3831	-28.1349	120 ks	465801vv	A			Y	1 trigger	
4159	RE J1034+396	158.6608	39.64114	70 ks	465901vv	A					
4162	ESO253-G003	81.32533	-46.0058	320 ks	466201vv	A					
4163	4U 1820-30	275.919	-30.3613	20 ks	466301vv	A			Y	3 triggers	60 ks
4163	4U 1820-30	275.919	-30.3613	20 ks	466302vv	A			Y		
4163	4U 1820-30	275.919	-30.3613	20 ks	466303vv	A			Y		

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4172	ZETA PUP (HIGH-CAD.)	120.896	-40.0031	40 ks	467201vv	A					
4172	ZETA PUP (HIGH-CAD.)	120.896	-40.0031	24 ks	467202vv	A					
4172	ZETA PUP (LOW-CAD.)	120.896	-40.0031	40 ks	467203vv	A					
4172	ZETA PUP (LOW-CAD.)	120.896	-40.0031	24 ks	467204vv	A					
4173	CRAB PULSAR	83.633	22.0145	120 ks	467201vv	A					
4175	BH TRANSIENT 1	0	0	20 ks	467501vv	A			Y	2 triggers	
4175	BH TRANSIENT 2	0	0	20 ks	467502vv	A			Y		
4176	PSR B1259-63	195.6985	-63.8357	125 ks	467601vv	A					
4179	SRGAJ213151.1+491405	322.9617	49.23381	40 ks	467901vv	A					
4180	4U 1820-30	275.919	-30.3613	240 ks	468001vv	A			Y	2 triggers	
4181	UNKNOWN BH XRB	0	0	30 ks	468101vv	A			Y	1 trigger	30 ks
4183	V404 CYGNI	306.0159	33.86719	200 ks	468301vv	A			Y	1 trigger	
4183	V4641 SAGITTARII	274.8401	-25.4072	200 ks	468302vv	A			Y		
4183	SWIFT J1858.6-0814	284.6455	-8.23744	200 ks	468303vv	A			Y		
4183	FLARING XRB	0	0	200 ks	468304vv	A			Y		
4186	TRANSIENT BH LMXB	0	0	120 ks	468601vv	A			Y	1 trigger	
4188	IGR J17480-2446	267.0201	-24.7802	240 ks	468801vv	A			Y	1 trigger	
4189	REPEATING FRB #1	0	0	30 ks	468901vv	A			Y	5 triggers	
4189	REPEATING FRB #2	0	0	30 ks	468902vv	A			Y		

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4189	REPEATING FRB #3	0	0	30 ks	468903vv	A			Y		
4189	REPEATING FRB #4	0	0	30 ks	468904vv	A			Y		
4189	REPEATING FRB #5	0	0	30 ks	468905vv	A			Y		
4190	CYG X-1	299.5903	35.20161	40 ks	469001vv	A			Y	up to 10	
4190	CYG X-1	299.5903	35.20161	10 ks	469002vv	A			Y		
4192	TRANSIENT BH XRB	0	0	50 ks	469201vv	A			Y	up to 10	
4193	PG 1404+226	211.5912	22.39625	50 ks	469301vv	A					
4193	TON S180	14.33417	-22.3824	50 ks	469302vv	A					
4194	PSR J0613-0200	93.43325	-2.01311	250 ks	469401vv	A		Y			
4194	PSR J1658-5324	254.6639	-53.4019	300 ks	469402vv	C		Y			
4194	PSR J1911-1114	287.9553	-11.2396	250 ks	469403vv	C		Y			

<sup>†</sup> Priority B targets that are time constrained will be observed on a best-effort basis. For priority C, we will make reasonable efforts to observe these targets, but cannot guarantee that requested exposures or monitoring cadences will be achieved.

<sup>‡</sup> More information on NICER's TOO policy is available at: [https://heasarc.gsfc.nasa.gov/docs/nicer/proposals/too\\_policy.html](https://heasarc.gsfc.nasa.gov/docs/nicer/proposals/too_policy.html)