

NICER GO Cycle 4 - Accepted NICER Targets

Prop #	Target			Time req	ObsID	Priority ¹	Time Constrained	TOO ²	#Triggers	NuSTAR time approved
	Name	RA (deg)	Dec (deg)							Up to...
5001	TBHXR_B_1	0	0	80	550101vv	A	Y	Y	3 triggers	80 ks
5001	TBHXR_B_2	0	0	80	550102vv	A	Y	Y		80 ks
5001	TBHXR_B_3	0	0	80	550103vv	A	Y	Y		80 ks
5005	PSR J0058-7218	14.57021	-72.30156	180	550501vv	B	N	N		
5005	PSR J0537-6910	84.44775	-69.17219	468	550502vv	A	N	N		
5005	PSR J1412+7922	213.23279	79.36775	84	550503vv	B	N	N		
5005	PSR J1811-1925	272.85925	-19.416	130	550504vv	B	N	N		
5005	PSR J1849-0001	282.25679	-0.0215	70	550505vv	B	N	N		
5006	XSS J12270-4859	186.99475	-48.89522	120	550601vv	A	Y	Y	1 trigger	
5006	PSR J1723-2837	260.84658	-28.63253	120	550602vv	A	Y	Y		
5006	PSR J1628-3205	247.02925	-32.09686	120	550603vv	A	Y	Y		
5006	PSR J2129-0429	322.4375	-4.48489	120	550604vv	A	Y	Y		
5006	PSR J1816+4510	274.14971	45.17608	120	550605vv	A	Y	Y		
5006	PSR J2215+5135	333.88617	51.59347	120	550606vv	A	Y	Y		
5006	PSR J2339-0533	354.91146	-5.55147	120	550607vv	A	Y	Y		
5006	1FGL J0523.5-2529	80.8205	-25.46025	120	550608vv	A	Y	Y		
5006	PSR J1417-4402	214.3775	-44.04925	120	550609vv	A	Y	Y		
5006	PSR J1048+2339	162.18088	23.66483	120	550610vv	A	Y	Y		
5006	3FGL J0212.1+5320	33.04358	53.36072	120	550611vv	A	Y	Y		

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	Name	RA (deg)	Dec (deg)							
5006	3FGL J0427-6704	66.95671	-67.07639	120	550612vv	A	Y	Y		
5006	3FGL J0744.1-2523	116.03529	-25.39969	120	550613vv	A	Y	Y		
5006	3FGL J2039.6-5618	309.89579	-56.28583	120	550614vv	A	Y	Y		
5006	3FGL J0954.8-3948	131.59121	-39.79789	120	550615vv	A	Y	Y		
5006	PSR J1302-3258	195.60633	-32.97689	120	550616vv	A	Y	Y		
5006	PSR J1306-40	196.7345	-40.58989	120	550617vv	A	Y	Y		
5006	PSR J1431-4715	217.93596	-47.25761	120	550618vv	A	Y	Y		
5006	PSR J1622-0315	245.7485	-3.26036	120	550619vv	A	Y	Y		
5006	NEW TRANSITIONAL MSP	0	0	120	550620vv	A	Y	Y		
5014	XTE J1859+226	284.67325	22.65817	50	551401vv	A	Y	Y	1 trigger	
5014	MAXI J1820+070	275.09146	7.18536	50	551402vv	A	Y	Y		
5014	SWIFT J1357.2-0933	209.32004	-9.32	50	551403vv	A	Y	Y		
5014	XTE J1752-223	268.06288	-22.34242	50	551404vv	A	Y	Y		
5014	H 1743-322	266.565	-32.2335	50	551405vv	A	Y	Y		
5014	4U 1630-472	248.50671	-47.393	50	551406vv	A	Y	Y		
5014	4U 1543-475	236.78583	-47.66944	50	551407vv	A	Y	Y		
5014	XTE J1550-564	237.74492	-56.47639	50	551408vv	A	Y	Y		
5014	MAXI J1535-571	233.83221	-57.23003	50	551409vv	A	Y	Y		
5014	SWIFT J1539.2-6227	234.79983	-62.46731	50	551410vv	A	Y	Y		
5014	XTE J1817-330	274.43142	-33.01883	50	551411vv	A	Y	Y		

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	Name	RA (deg)	Dec (deg)							
5014	GRO J1655-40	253.50054	-39.84581	50	551412vv	A	Y	Y		
5014	SWIFT J1658.2-4242	254.55267	-42.69847	50	551413vv	A	Y	Y		
5014	GX 339-4	255.70567	-48.78967	50	551414vv	A	Y	Y		
5014	XTE J1650-500	252.50408	-49.96211	50	551415vv	A	Y	Y		
5015	PSR J1023+0038	155.92804	0.63544	200	551501vv	A	Y	N		
5019	A 0620-00	95.68558	-0.34564	120	551901vv	A	Y	Y	1 trigger	
5019	XTE J1118+480	169.54496	48.03675	120	551902vv	A	Y	Y		
5019	SWIFT J1753.5-0127	268.36788	-1.45175	120	551903vv	A	Y	Y		
5019	XTE J1859+226	284.67325	22.65817	120	551904vv	A	Y	Y		
5019	MAXI J1659-152	254.757	-15.25797	120	551905vv	A	Y	Y		
5019	XTE J1817-330	274.43142	-33.01883	120	551906vv	A	Y	Y		
5020	MCS TRANSIENT 1	0	0	20	552001vv	A	Y	Y	5 triggers	
5020	MCS TRANSIENT 2	0	0	20	552002vv	A	Y	Y		
5020	MCS TRANSIENT 3	0	0	20	552003vv	A	Y	Y		
5020	MCS TRANSIENT 4	0	0	20	552004vv	A	Y	Y		
5020	MCS TRANSIENT 5	0	0	20	552005vv	A	Y	Y		
5021	IGR J00291+5934	7.26275	59.57194	150	552101vv	A	Y	Y	1 trigger	
5025	IGR J17480-2446	267.02013	-24.78022	240	552501vv	A	Y	Y	1 trigger	
5026	UNKNOWN	0	0	50	552601vv	A	Y	Y	1 trigger	
5030	BH TOO	0	0	44	553001vv	A	Y	Y	1 trigger	

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	Name	RA (deg)	Dec (deg)							
5031	IGR J17062-6143	256.56788	-61.71128	150	553101vv	A	N	N		
5033	AMXP	0	0	50	553301vv	A	Y	Y	1 trigger	
5035	TDE TOO1	0	0	150	553501vv	A	Y	Y	2 triggers	
5035	TDE TOO2	0	0	150	553502vv	C	Y	Y		
5044	CYG X-1	299.59167	35.20167	10	554401vv	A	Y	N		
5051	AGN EVENT 1	0	0	60	555101vv	A	Y	Y	5 triggers	
5051	AGN EVENT 2	0	0	60	555102vv	A	Y	Y		
5051	AGN EVENT 3	0	0	60	555103vv	B	Y	Y		
5051	AGN EVENT 4	0	0	60	555104vv	B	Y	Y		
5051	AGN EVENT 5	0	0	60	555105vv	C	Y	Y		
5054	TRANSIENT 1	0	0	40	555401vv	A	Y	Y	2 triggers	
5054	TRANSIENT 2	0	0	40	555402vv	A	Y	Y		
5055	C/2017 K2	0	0	94	555501vv	A	Y	N		
5057	HM CNC	121.59567	15.45861	30	555701vv	A	N	N		
5057	V407 VUL	288.60871	24.94572	30	555702vv	A	N	N		
5059	GX 1+4	263.00896	-24.74558	60	555901vv	A	N	N		
5065	GRO J0422+32	65.42804	32.90706	8	556501vv	A	Y	Y	1 trigger	80 ks
5065	1A 0620-00	95.68521	-0.34556	8	556502vv	A	Y	Y		
5065	GRS 1009-45	153.40204	-45.07569	8	556503vv	A	Y	Y		
5065	GS 1124-684	171.60946	-68.67594	8	556504vv	A	Y	Y		

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	Name	RA (deg)	Dec (deg)							Up to...
5065	1A 1524-62	232.071	-61.88281	8	556505vv	A	Y	Y		
5065	XTE J1550-564	237.74417	-56.47678	8	556506vv	A	Y	Y		
5065	XTE J1650-500	252.50375	-49.96228	8	556507vv	A	Y	Y		
5065	H 1705-250	257.06037	-25.09169	8	556508vv	A	Y	Y		
5065	GRS 1730-312	264.27092	-31.70264	8	556509vv	A	Y	Y		
5065	KS 1732-273	264.00892	-27.42819	8	556510vv	A	Y	Y		
5065	GRS 1737-31	265.03717	-31.03958	8	556511vv	A	Y	Y		
5065	1A 1742-289	266.39833	-29.02633	8	556512vv	A	Y	Y		
5065	XTE J1748-288	267.02125	-28.47344	8	556513vv	A	Y	Y		
5065	XTE J1755-324	268.86858	-32.4775	8	556514vv	A	Y	Y		
5065	XTE J1859+226	284.67271	22.65828	8	556515vv	A	Y	Y		
5065	GS 2000+251	300.70692	25.23678	8	556516vv	A	Y	Y		
5065	XTE J2012+381	303.15679	38.18336	8	556517vv	A	Y	Y		
5065	XTE J1752-223	268.06288	-22.34231	8	556518vv	A	Y	Y		
5067	FBOT	0	0	60	556701vv	A	Y	Y	1 trigger	
5069	NEXT BH CANDIDATE	0	0	120	556901vv	A	Y	Y	1 trigger	
5070	XRAYTDE	0	0	120	557001vv	A	Y	Y	1 trigger	
5071	CIRCINUS X-1	230.17021	-57.16669	5	557101vv	A	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557102vv	A	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557103vv	A	Y	N		

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	Name	RA (deg)	Dec (deg)							Up to...
5071	CIRCINUS X-1	230.17021	-57.16669	5	557104vv	A	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557105vv	A	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557106vv	A	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557107vv	A	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557108vv	A	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557109vv	A	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557110vv	A	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557111vv	B	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557112vv	B	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557113vv	B	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557114vv	B	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557115vv	B	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557116vv	B	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557117vv	B	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557118vv	B	Y	N		
5071	CIRCINUS X-1	230.17021	-57.16669	5	557119vv	B	Y	N		
5074	SAX J1808.4-3658	272.11475	-36.97894	350	557401vv	A	Y	Y	1 trigger	
5074	IGR J00291+5934	7.26275	59.57192	350	557402vv	A	Y	Y		
5074	XTE J1807-294	271.74921	-29.40828	350	557403vv	A	Y	Y		
5074	SWIFT J1749.4-2807	267.38308	-28.13494	350	557404vv	A	Y	Y		

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	Name	RA (deg)	Dec (deg)							Up to...
5074	IGR J18245-2452	276.13542	-24.86883	350	557405vv	A	Y	Y		
5074	XTE J0929-314	142.33412	-31.38422	350	557406vv	A	Y	Y		
5074	AMSP	0	0	350	557407vv	A	Y	Y		
5075	HER X-1	254.4575	35.34233	5	557501vv	B	Y	Y	6 triggers	
5075	AQL X-1	287.81667	0.58494	5	557502vv	A	Y	Y		
5075	CYG X-2	326.17125	38.32139	5	557503vv	A	Y	Y		
5075	4U 0614+09	94.28042	9.13694	5	557504vv	A	Y	Y		
5075	UNKNOWN NS OUTBURST	0	0	5	557505vv	A	Y	Y		
5075	UNKNOWN NS OUTBURST	0	0	5	557506vv	A	Y	Y		
5076	MAGNETAR OUTBURST	0	0	100	557601vv	A	Y	Y	1 trigger	100 ks
5078	NEW NOVA 1	0	0	40	557801vv	A	Y	Y	2 triggers	
5078	NEW NOVA 2	0	0	40	557802vv	A	Y	Y		
5079	MAGNETAR OUTBURST 1	0	0	70	557901vv	A	Y	Y	2 triggers	20 ks
5079	MAGNETAR OUTBURST 2	0	0	70	557902vv	A	Y	Y		20 ks
5083	CXOU J1647-4552	251.7925	-45.87142	48	558301vv	A	N	N		
5087	UNKNOWN EG TRANSIENT	0	0	75	558701vv	A	Y	Y	1 trigger	
5091	QPOUT_AGN	0	0	50	559101vv	A	Y	Y	1 trigger	
5091	QPOUT_AGN (cont.)	0	0	50	559102vv	A	Y	Y		
5091	QPOUT_AGN (cont.)	0	0	20	559103vv	A	Y	Y		
5093	1E 1841-045	280.33058	-4.93644	60	559301vv	A	N	N		

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	Name	RA (deg)	Dec (deg)							
5093	SGR 0501+4516	75.27817	45.27608	50	559302vv	A	N	N		
5093	1E 1048.1-5937	162.52975	-59.88928	55	559303vv	A	N	N		
5093	1E 2259+586	345.28454	58.879	13	559304vv	A	N	N		
5093	1RXS J170849.0-40091	257.19529	-40.14789	10	559305vv	A	N	N		
5093	4U 0142+61	26.59337	61.75089	10	559306vv	A	N	N		
5094	ZTF J185139+171430	282.91588	17.24175	60	559401vv	A	Y	N		20 ks
5096	MRK 817	219.092	58.79428	99	559601vv	A	N	N		
5096	MRK 817 (cont.)	219.092	58.79428	84	559602vv	A	N	N		
5097	DGPS1	0	0	10	559701vv	A	Y	Y	5 triggers	
5097	DGPS2	0	0	10	559702vv	A	Y	Y		
5097	DGPS3	0	0	10	559703vv	A	Y	Y		
5097	DGPS4	0	0	10	559704vv	A	Y	Y		
5097	DGPS5	0	0	10	559705vv	A	Y	Y		
5099	BH TRANSIENT	0	0	60	559901vv	A	Y	Y	1 trigger	60 ks
5104	4U 1820-303	275.91904	-30.36128	90	560401vv	A	Y	N		60 ks
5105	SWIFT J1357.2-0933	209.32017	-9.54411	25	560501vv	A	Y	Y	2 triggers	
5105	GS 1354-64	209.54042	-64.73494	25	560502vv	A	Y	Y		
5105	GX 339-4	255.70575	-48.78978	25	560503vv	A	Y	Y		
5105	V4641 SGR	274.84013	-25.40717	25	560504vv	A	Y	Y		
5105	MAXI J1820+070	275.09125	7.18536	25	560505vv	A	Y	Y		

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	Name	RA (deg)	Dec (deg)							
5105	SWIFT J1858.6-0814	284.67325	-8.23747	25	560506vv	A	Y	Y		
5105	UNKNOWN BH XRB	0	0	25	560507vv	A	Y	Y		
5105	UNKNOWN BH XRB	0	0	25	560508vv	A	Y	Y		
5106	TOO BLAZAR1	0	0	35	560601vv	A	Y	Y	1 trigger	40 ks
5107	CYG X-1	299.59033	35.20161	40	560701vv	A	Y	Y	1 trigger	
5108	UNKNOWN	0	0	120	560801vv	A	Y	Y	1 trigger	
5111	4U 0614+09	94.27917	9.13694	8	561101vv	A	Y	Y	1 trigger	
5114	2MASS J02314715-1020	37.94646	-10.33644	25	561401vv	A	N	N		
5114	2MASS J02314715-1020	37.94646	-10.33644	25	561402vv	A	N	N		
5114	2MASS J02314715-1020	37.94646	-10.33644	25	561403vv	A	N	N		
5114	2MASS J02314715-1020	37.94646	-10.33644	25	561404vv	A	N	N		
5115	1RXS J225146.9-32061	342.94817	-32.10353	40	561501vv	A	N	N		
5115	2MASS J09343014-1721	143.62567	-17.35597	40	561502vv	A	N	N		
5115	PKS 2126-15	322.30075	-15.64472	40	561503vv	A	N	N		
5115	PKS 0312-770	47.98021	-76.86411	40	561504vv	A	N	N		
5115	2MASX J22194971+2613	334.95725	26.22442	40	561505vv	A	N	N		
5115	PKS 1354+195	209.2685	19.31872	40	561506vv	A	N	N		
5117	RBS 1774	325.76579	6.90561	220	561701vv	A	Y	N		
5118	UNKNOWN BHB	0	0	60	561801vv	A	Y	Y	3 triggers	60 ks
5126	TDE1	0	0	60	562601vv	A	Y	Y	6 triggers	

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	Name	RA (deg)	Dec (deg)							Up to...
5126	TDE2	0	0	60	562602vv	A	Y	Y		
5126	TDE3	0	0	60	562603vv	C	Y	Y		
5126	TDE4	0	0	60	562604vv	C	Y	Y		
5126	TDE5	0	0	60	562605vv	C	Y	Y		
5126	TDE6	0	0	60	562606vv	C	Y	Y		
5130	RXJ0806	121.5975	-41.37525	40	563001vv	A	Y	N		
5131	GRS 1915+105	288.79817	10.94581	98	563101vv	A	Y	N		25 ks
5133	FRB 121102	83.04	33.08	50	563301vv	B	Y	Y	2 triggers	
5133	FRB 180301	41.4	45.6	50	563302vv	A	Y	Y		
5134	BHXRB	0	0	50	563401vv	A	Y	Y	10 triggers	
5135	GAMMA2 VELORUM	122.38313	-47.33658	72	563501vv	A	Y	N		
5136	MRK 1018	31.56663	-0.29144	120	563601vv	A	Y	Y	1 trigger	
5139	4XMM_J022141.5-73563	35.42308	-73.94222	300	563901vv	A	Y	N		
5139	4XMM_J180528.2-27315	271.36788	-27.53297	450	563902vv	C	Y	N		
5140	UNKNOWN XRB	0	0	50	564001vv	A	Y	Y	1 trigger	50 ks
5141	SMBHB CANDIDATE 1	0	0	60	564101vv	A	Y	Y	3 triggers	
5141	SMBHB CANDIDATE 2	0	0	60	564102vv	B	Y	Y		
5141	SMBHB CANDIDATE 3	0	0	60	564103vv	C	Y	Y		
5146	GS 2023+338	306.01592	33.86719	100	564601vv	A	N	N		
5147	CLOUD EVENT 1	0	0	70	564701vv	A	Y	Y	2 triggers	

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	Name	RA (deg)	Dec (deg)							
5147	CLOUD EVENT 2	0	0	70	564702vv	A	Y	Y		
5152	WR 140	305.11658	43.85453	26	565201vv	A	N	N		
5158	NEARBY REPEATING FRB	0	0	40	565801vv	A	Y	Y	2 triggers	
5158	NEARBY REPEATING FRB	0	0	40	565802vv	A	Y	Y		
5160	NGC 4051	180.79004	44.53131	55	566001vv	A	Y	N		
5161	4U 1626-67	248.06996	-67.46092	40	566101vv	A	Y	N		
5165	BH TRANSIENT 1	0	0	20	566501vv	A	Y	Y	2 triggers	
5165	BH TRANSIENT 2	0	0	20	566502vv	C	Y	Y		
5167	MRK 590	33.63983	-0.76672	46	566701vv	A	Y	N	2 triggers	
5170	GX 13+1	273.63146	-17.15742	64	567001vv	A	Y	N		
5171	WOLF 359	164.1205	7.01472	72	567101vv	A	Y	N		
5171	ROSS 154	282.45567	-23.83622	72	567102vv	A	Y	N		
5171	ROSS 128	176.93496	0.80456	72	567103vv	C	Y	N		
5171	BARNARD'S STAR	269.45204	4.69336	72	567104vv	C	Y	N		
5172	BHB	0	0	10	567201vv	A	Y	Y	1 trigger	100 ks
5175	ETA CARINAE	161.26475	-59.68442	52	567501vv	A	N	N		
5176	IC1459	344.29421	-36.46222	120	567601vv	B	Y	N		
5176	NGC4594	189.99762	-11.62306	120	567602vv	B	Y	N		
5176	NGC3998	179.48388	55.45358	120	567603vv	A	Y	N		

¹ 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.

² In the interest of maximizing science return, TOO are performed on a first-come, first served basis. More information on NICER's TOO policy is available at: https://heasarc.gsfc.nasa.gov/docs/nicer/proposals/too_policy.html