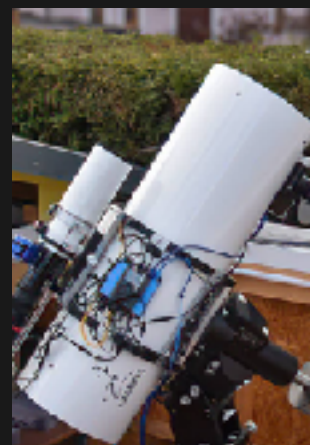


Erdnahe Kleinplaneten

Wie genau sind die Positionsmessungen schneller NEOS

2003Hermes	14.06.2026 21:54	Dateiordner
2010undfrueher	09.07.2025 15:51	Dateiordner
2011bis2015	09.07.2025 15:51	Dateiordner
2016	09.07.2025 15:51	Dateiordner
2017	09.07.2025 15:51	Dateiordner
2013	09.07.2025 15:52	Dateiordner
2019	09.07.2025 15:52	Dateiordner
2021	09.07.2025 15:52	Dateiordner
2022	09.07.2025 15:52	Dateiordner
2023	09.07.2025 15:52	Dateiordner
2024	09.07.2025 15:52	Dateiordner
2025	19.12.2025 22:13	Dateiordner
2025	19.05.2026 12:56	Dateiordner
3200	09.07.2025 15:52	Dateiordner
65803Didymos	14.06.2026 22:15	Dateiordner
infcs78391	16.03.2026 17:59	Dateiordner



Observatory Configuration

File Action

Num	ID	ObsCode	Label	Telescope	Time Reference	Time Offset (s)
1	1013	G00	AZM2	0.28-m f/2.2 reflector	Beginning of Exposure	<none>
2	1014	G00	AZM3	0.30-m f/4.0 reflector	Beginning of Exposure	<none>
3	1015	G00	AZM4	0.40-m f/3.2 reflector	Beginning of Exposure	<none>
4	1007	194	1007	0.30-m f/3.6 reflector	Beginning of Exposure	<none>
5	1017	A71	Stixendorf	0.35-m f/4.2 reflector	Beginning of Exposure	<none>
6	1009	G00	AZM1	0.35-m f/4.2 reflector	Beginning of Exposure	<none>
7	1016	G00	unlabeled	0.40-m f/3.2 reflector	Beginning of Exposure	<none>
8	1018	L81	hakosfsq	0.11-m f/5 reflector	Beginning of Exposure	<none>
9	1019	G00	unlabeled	0.05-m f/2.4 Tele	Beginning of Exposure	<none>
10	1020	A71	Stixendorf2	0.25-m f/4.0 reflector	Beginning of Exposure	<none>
11	1021	A71	Stixendorf	0.30-m f/4.0 reflector	Beginning of Exposure	<none>

The NEO Confirmation Page

Please ensure you are familiar with the [notes](#) at the bottom of this page.

Also, additional [notes on the NI OCP](#) and [information on how we remove objects on the NI OCP](#) are also available [here](#).

[Problems?](#) [Comments?](#)

Get ephemerides

Reset form

Select object(s) from the current list of objects needing confirmation (NEO desirability score, discovery date, rough current position and magnitude given with an "S" in the Note column are [possibly in geocentric orbit](#) and might soon be removed. Objects flagged with an "B" in the Note column have a po

☐ All objects with V = to , with Decl. between ° and °, with an NEO desirability score of %

☒ or just the objects selected below:

Temp Design ▼	Score ▼	Discovery ▼	R.A. ▲	Decl. ▲	V ▼	Updated ▼	Note ▲	H0Obs ▼	Am ▲	H ▲	Not Secondary ▼
☐ A11Din	98	2026-06-16.4	17-09.5	-14-43	16.9	Updated June 17:46 UT		15	0.99	20.8	0.033
☐ ST26F54	100	2026-06-16.4	18-07.5	00-33	19.0	Updated June 16:62 UT		4	0.02	24.4	0.992
☐ ST26F57	98	2026-06-17.3	17-22.5	+13-20	19.7	Updated June 17:40 UT		10	0.14	26.2	0.069
☐ ST26F41	74	2026-06-14.4	18-36.8	-73-09	19.7	Updated June 16:64 UT		16	1.74	28.1	1.417
☐ ST26F59	100	2026-06-17.3	18-01.1	+11-02	19.8	Updated June 17:35 UT		4	0.02	19.2	0.163
☐ P12np4l	39	2026-06-13.5	19-29.2	-34-10	20.1	Updated June 16:55 UT		13	3.00	19.0	0.957
☐ P22nuF6	47	2026-06-16.5	20-10.2	-28-45	20.3	Updated June 17:46 UT		12	0.77	18.3	0.181
☐ P12nuEk	100	2026-06-16.5	19-17.0	-37-16	20.4	Updated June 16:56 UT		3	0.02	24.2	0.954
☐ P12nuEj	100	2026-06-16.5	19-12.7	-36-38	20.5	Updated June 17:44 UT		10	0.87	24.0	0.109
☐ 6F83121	10	2026-06-09.0	11-54.7	-11-00	20.5	Updated June 17:21 UT		35	6.34	18.3	2.156
☐ CTRANX2	64	2026-06-16.4	22-14.0	+16-13	20.8	Updated June 17:44 UT		16	1.02	16.3	0.030
☐ S001606	99	2026-06-08.1	16-41.7	+08-43	20.9	Updated June 16:23 UT		3	0.03	18.1	9.307
☐ P12ndm	84	2026-06-14.5	14-20.5	-27-45	21.0	Updated June 17:59 UT		19	5.08	18.7	0.080

65803 Didymos

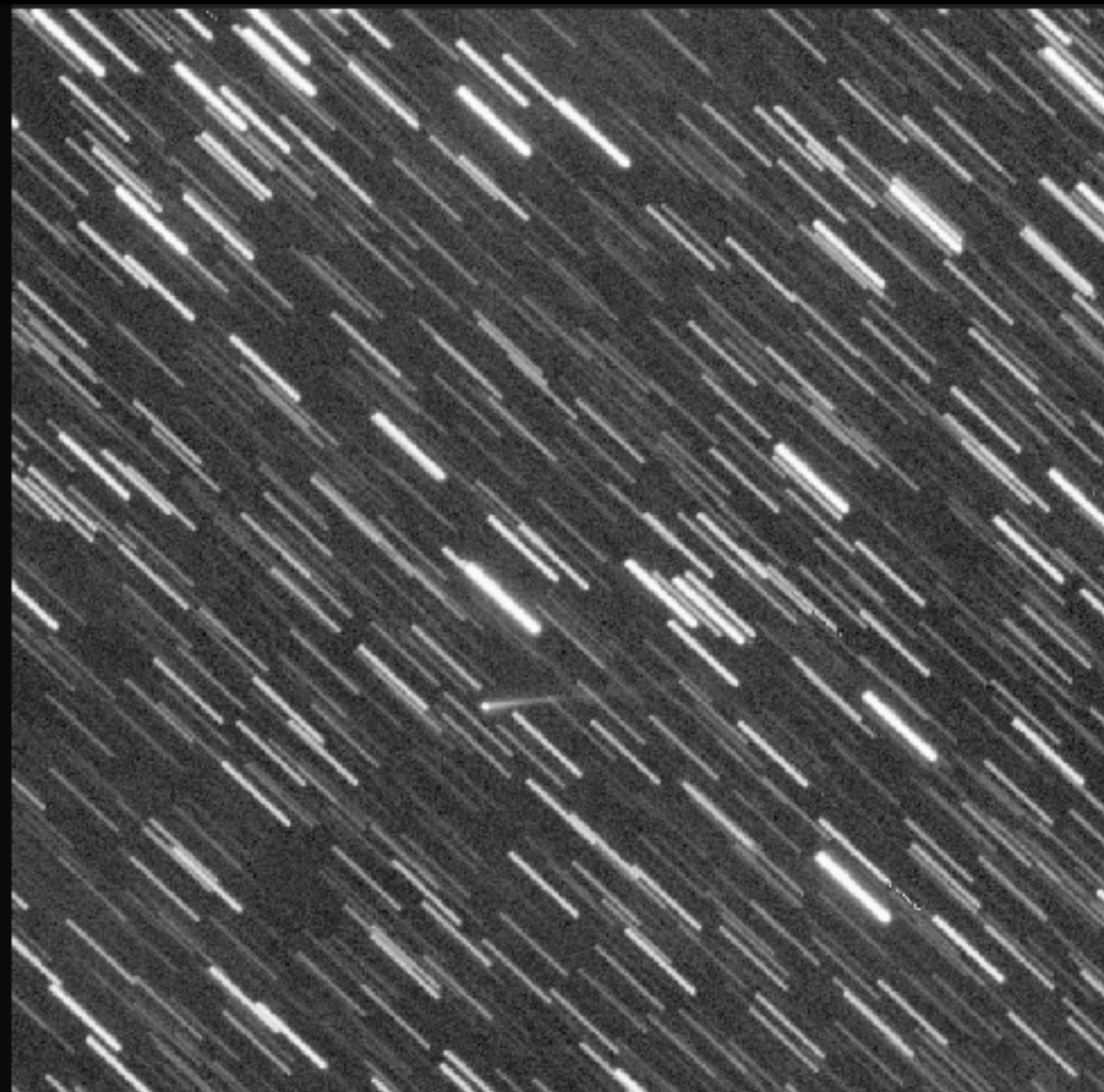
Perihelion 20x2 Oct 21.79064 +/- 1.06e-6 UT - 19:10:02 (JD 2459074.25066)
Ephemeris 2022 13h 28m 17s - J2000 04h 48m 15s Kerish Millis 0.100007 Max 0.00102
M 0.56200855 1/ 5.06e 7 (J2000 ecliptic) Auto Find
T 0.45780872 1/ 8.22e 11 Peri. 319.54195 1/ 0.0000058
a 1.64045255 +/- 1.93e-10 Node 73.00005 +/- 0.0000055
e 0.0006595 +/- 1.01e-9 Incl. 3.41293 +/- 5e-7
P 2.117769434 18.2 G 0.15 U -2.0
q 1.01292623 1/ 3.04e 9 Q 2.21397887 1/ 2.84e 9
4590 of 4474 observations 1996 Apr. 11 2022 Oct. 29; radar resolution 0".28

26.10.2022 Weiskirchen 15m4 coma 18" tail 5,5' pa 274 R 1.01 AU
1.34 UT 25x60sec 12"/4 QHY600 (0.10 AU)

31.11.2022 Weiskirchen
1.11 UT 20x80sec 12"/4 QHY600

25.11.2022 Weiskirchen 16m0 stellar 15" tail 8' pa 282 R-1.07 AU
00.30 UT 15x100sec 12"/4 QHY600 (0.16 AU)

1. Bild ein Monat nach dem Einschlag von DART
2026 wird die Raumsonde Hera den KP besuchen



(78391) Michaeljäger = 1999 CP23 = 2002 PT163

Discovered at Palomar on 2002 08 08 by S.F.Hoenig.

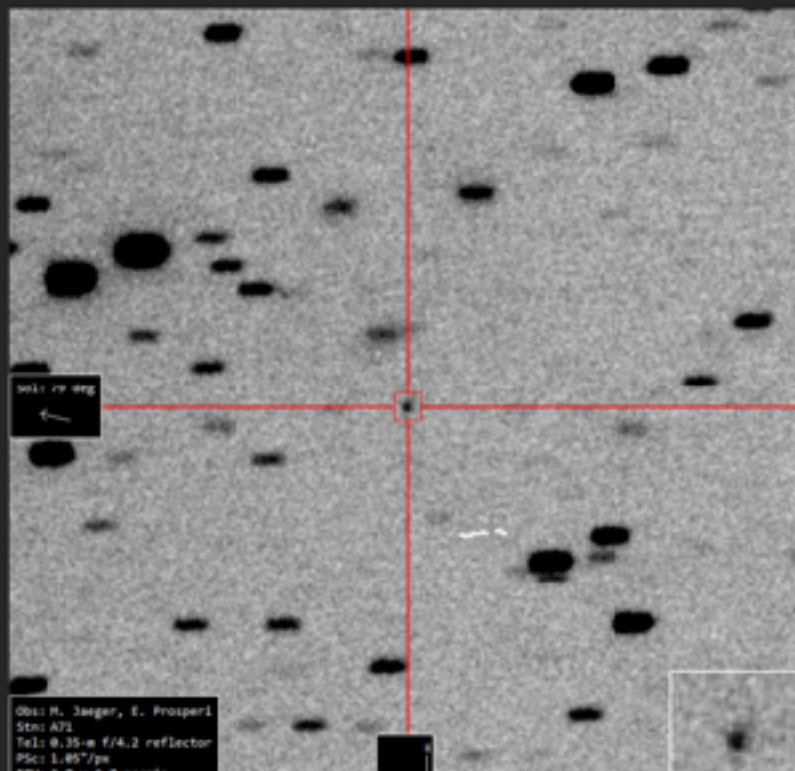
(78391) Michaeljäger = 2002 PT163

Michael Jäger (b. 1958) is one of the most prolific and recognized comet astrophotographers. Within the last decades he imaged around 300 different comets and discovered comet P/1998 U5 as well as fragment D of comet 141P/Machholz. In 2002 he assisted the discoverer with confirmation of comet C/2002 O4 (Jäger). [Ref: *Minor Planet Circ.* 51587]

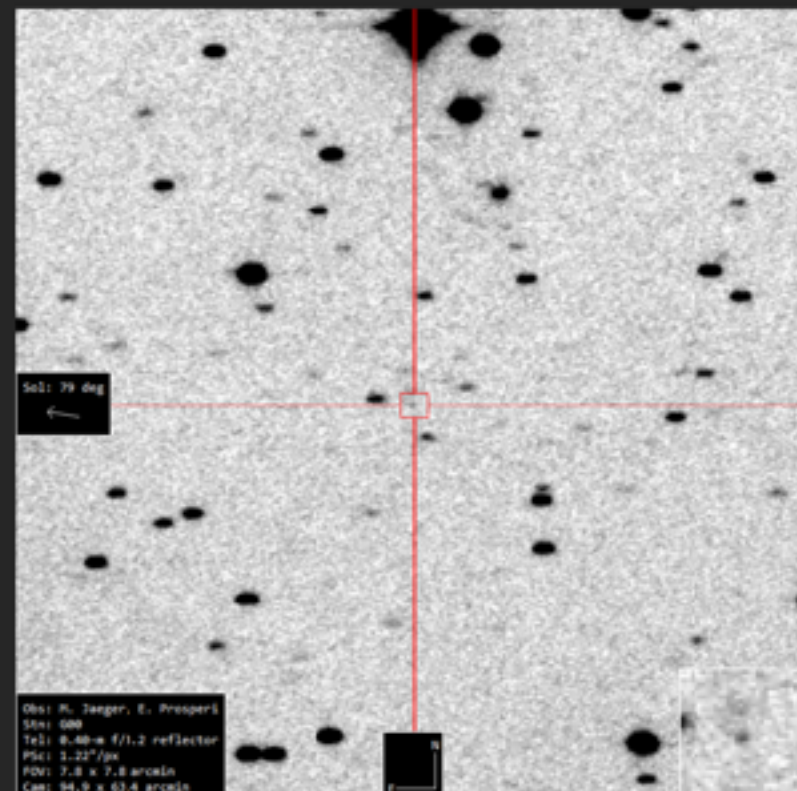
78391 Michaeljager H-15m0

29.8.2024 Weiskirchen 19m0
20.37 UT 27x60sec 14"/4.2 QHY600

R-2.91 AU
(1.93AU)



31.8.2024 Martinsberg cloudy
20.08 UT 18x60sec 16"/3.2 QHY600



2026 DF27 (discovery)

11.4.2026 Martinsberg in field with P/2015 UX109 H 23.6

21.36 UH 1.3x1.20sec 12"/4 (HY600) 1.3x1.20sec

R 1.06 AU

(0.08 AU)

17.4.2026 Martinsberg 18mD

20.30 UH 2.2x1.0sec 12"/4 (HY640)

R-1.06 AU

(0.075 AU)

COD G00

CON M. Jaeger

OBS M. Jaeger, G. Rhemann, E. Prosperi

MCA M. Jaeger

TEL 0.30-m f/4.0 reflector + CMO

NUM 5

AC2 michaeljaeger@gmx.at, gerald.rhemann@gmail.com, e.prosperi@alice.it

ACK NEO CANDIDATE

NFT Gaia FDR3

MJGR001 KB2026 04 11.90257 10 48 36.83 +05 27 28.3	19.6 C	C00
MJGR001 KB2026 04 11.90702 10 48 36.72 +05 27 11.2	19.3 G	G00
MJGR001 KB2026 04 11.91145 10 48 36.72 +05 26 53.0	19.6 G	G00
MJGR001 KB2026 04 11.91514 10 48 36.72 +05 26 37.6	19.3 G	G00
MJGR001 KB2026 04 11.91807 10 48 36.67 +05 26 26.3	19.1 C	C00

end

COD G00

CON M. Jaeger

OBS M. Jaeger, G. Rhemann, E. Prosperi

MCA M. Jaeger

TEL 0.30-m f/4.0 reflector + CMO

NUM 19

ACK MPC Report file updated 2026.04.19 20:36:47

NFT Gaia FDR3

K26D27F KB2026 04 17.85788 10 53 07.41 -02 16 35.1	18.9 G	G00
K26D27F KB2026 04 17.85439 10 53 07.64 -02 17 11.8	18.9 G	G00
K26D27F KB2026 04 17.87086 10 53 07.86 -02 17 45.0	19.4 C	C00

end

2026 DF27

Observations:

K26D27F 1C2026 02 27.27310011 10 36.030+20 56 45.53	21.54GVEG121V00
K26D27F 1C2026 02 27.27871511 10 35.814+20 56 46.36	21.81GVEG121V00
K26D27F 1C2026 02 27.28430811 10 35.605+20 56 47.44	21.70GVEG121V00
K26D27F 1C2026 02 27.28983711 10 35.388+20 56 48.23	21.45GVEG121V00
K26D27F 0C2026 03 09.34296411 04 56.087+20 54 12.18	20.96wXEG121F52
K26D27F 0C2026 03 09.35587611 04 55.277+20 54 10.23	20.99wXEG121F52
K26D27F 0C2026 03 09.36880211 04 54.491+20 54 08.25	21.05wXEG121F52
K26D27F 0C2026 03 09.38168411 04 53.697+20 54 06.06	21.20wXEG121F52
K26D27F 1C2026 03 16.23589710 59 38.908+20 10 12.25	20.68GVEG121G96
K26D27F 1C2026 03 16.24110410 59 38.548+20 10 09.12	20.80GVEG121G96
K26D27F 1C2026 03 16.24632010 59 38.224+20 10 06.38	21.21GVEG121G96
K26D27F 1C2026 03 16.25153010 59 37.842+20 10 03.86	21.17GVEG121G96
K26D27F KB2026 04 11.90257 10 48 36.83 +05 27 28.3	19.6 GXEG121G00
K26D27F KB2026 04 11.90702 10 48 36.72 +05 27 11.2	19.3 GXEG121G00
K26D27F KB2026 04 11.91145 10 48 36.72 +05 26 53.0	19.6 GXEG121G00
K26D27F KB2026 04 11.91514 10 48 36.72 +05 26 37.6	19.3 GXEG121G00
K26D27F KB2026 04 11.91807 10 48 36.67 +05 26 26.3	19.1 GXEG121G00
K26D27F 0C2026 04 11.97037310 48 38.710+05 23 28.95	19.91wVEG121R17
K26D27F 0C2026 04 11.98449810 48 38.525+05 22 30.43	19.68wVEG121R17
K26D27F 0C2026 04 11.99866110 48 38.374+05 21 33.62	19.84wVEG121R17
K26D27F 0C2026 04 12.01278810 48 38.249+05 20 35.59	19.76wVEG121R17
K26D27F KB2026 04 12.06756910 48 44.942+05 16 47.06	19.8 VZEG121W05
K26D27F KB2026 04 12.07164410 48 44.918+05 16 30.76	20.5 VZEG121W05
K26D27F KB2026 04 12.07531310 48 44.908+05 16 15.24	ZEG121W05
K26D27F KC2026 04 12.41688010 48 51.902+04 55 12.47	19.3 GWEG121474
K26D27F KC2026 04 12.42181110 48 51.900+04 54 52.49	19.5 GWEG121474
K26D27F KC2026 04 12.42873610 48 51.884+04 54 32.22	19.1 GWEG121474
K26D27F KC2026 04 12.43167010 48 51.835+04 54 11.92	20.1 GWEG121474
K26D27F 0B2026 04 12.75184810 49 05.252+04 31 32.89	WEG121M21
K26D27F KB2026 04 12.76934 10 49 03.89 +04 28 22.2	19.3 GXEG121M45
K26D27F 0B2026 04 12.77023610 49 05.164+04 30 16.49	19.8 GWEG121M21
K26D27F KB2026 04 12.77457 10 49 03.88 +04 28 00.1	19.4 GXEG121M45
K26D27F KB2026 04 12.77954 10 49 03.67 +04 27 39.6	19.6 GXEG121M45
K26D27F KB2026 04 12.79044 10 49 03.88 +04 26 52.8	19.6 GXEG121L04
K26D27F KB2026 04 12.80533 10 49 03.84 +04 25 50.6	19.4 GXEG121L04
K26D27F KB2026 04 12.83329010 49 06.03 +04 23 57.3	19.4 GXEG121958
K26D27F KB2026 04 12.84075310 49 06.04 +04 23 26.1	19.6 GXEG121958
K26D27F KB2026 04 12.84830310 49 06.03 +04 22 54.4	19.8 GXEG121958
K26D27F KB2026 04 12.87712010 49 07.770+04 21 16.61	19.6 VZEG121Y64

ProvID: A1185pr
ActSub: TR1169
Speed: 2.74"/min
PA: 174.9 deg

Date: 2025 04 11.09595
RA: 10 48 36.72
Dec: +82 34 59.9
Mag: 15.5 G
Exp: 24.000s (11x120s)

Sol: 110 deg

Obs: M. Jaeger, G. Rhemann, E. Prosp...
Stn: 000
Tel: 0.30-m f/4.0 reflector
PSc: 1.30"/px
FOV: 0.3 x 0.3 arcmin
Cam: 103.1 x 68.8 arcmin

...



Daniel Green
Vor 17 Min. aktiv

Congratulations on your minor-planet discovery! Keep watch over it in the coming months and years, and if it ever gets numbered, I'll try to make sure that you get to name it... I sit on the names committee, as you probably know, and I'm pretty sure that I can get my colleagues at ATLAS to agree to let you name it 😊



ProvID: 3036 0437
TrkSub: TR1169
Speed: 3.76"/min
PA: 174.4 deg

Date: 2025 04 17.86413
RA: 10 51 07.61
Dec: +82 17 08.9
Mag: 18.9 G
Exp: 25.647s (22x70s)

Sol: 103 deg

Obs: M. Jaeger, G. Rhemann, E. Prosp...
Stn: 000
Tel: 0.30-m f/4.0 reflector
PSc: 1.30"/px
FOV: 0.3 x 0.3 arcmin
Cam: 103.1 x 68.8 arcmin

2012OD1	2024QV1	2025B010	09.07.2025 15:52	Dateiordner
2024BA3molsend	2024R12	2025BN	09.07.2025 15:52	Dateiordner
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2024BRamp	2024VR7	2025DR	09.07.2025 15:52	Dateiordner
2024DL3	401032-2004VZ33	2025DS	09.07.2025 15:52	Dateiordner
2024RLJ	517551	2025FA22	24.09.2025 17:57	Dateiordner
2024CB7	galerie	2025MA40	09.07.2025 15:52	Dateiordner
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2024C134schneid	numanplanetsled - Kopie.docx	2025OK1	23.07.2025 21:28	Dateiordner
2024CC1		2025PE	02.08.2025 19:07	Dateiordner
2024CG4		2025PR1	15.08.2025 16:26	Dateiordner
2024CP4schneid		2025PW1	17.08.2025 00:47	Dateiordner
2024CS6		2025PV1	18.08.2025 12:44	Dateiordner
2024C56schneid		2025QK1	21.08.2025 18:40	Dateiordner
2024CT		2025OK7	14.09.2025 23:54	Dateiordner
2024C73imp		2025QV4	25.08.2025 13:51	Dateiordner
2024EC7		2025RC2	17.09.2025 23:45	Dateiordner
2024GA1rasa0		2025RD2	15.09.2025 09:32	Dateiordner
2024G16		2025RL2	24.09.2025 17:58	Dateiordner
2024IG2		2025R12	15.09.2025 09:22	Dateiordner
2024HP2		2025SH2	23.09.2025 20:10	Dateiordner
2024HU1		2025SO1	23.09.2025 20:31	Dateiordner
2024IR1		2025VP	09.11.2025 23:31	Dateiordner
2024HU7		2025V1	19.12.2025 22:13	Dateiordner
2024JB17		152664	09.11.2025 23:38	Dateiordner
2024JK17				
2024JO10				
2024JP17				
2024J1114				
2024JY16				
2024K7				
2024KP				
2024KQ				
2024KV				
2024KY				
2024NM3				
2024NN3				
2024QK1				
2024Q11				
2024QM1				

2026DF27 discovery	19.04.2026 20:47	Dateiordner
2026JH2	19.05.2026 20:20	Dateiordner
2026KB	18.05.2026 11:22	Dateiordner
Allizen7	25.03.2026 21:10	Dateiordner

							2025 PE	2025 08 01	28,0"	12"		24m0	16m3
	Datum	____/min	Telescope	MPC/	absolut m	m1	2025 PW1	2025 08 14	83,5"	16"	2025-P147	27m7	16m7
							2025 PR1	2025 08 14	81,6"	16"		26m6	17m8
							2025 QK1	2025 08 18	1,4"	16"	2025 QK3	19m3	19m0
2024 FC1	2024 03 03	17"	11"	2024 F45	23m5	18m6	2025 QK7	2025 08 26	20,8"	11"	2025 QK74	24m2	18m5
2024 GA1	2024 04 11	32,4"	8"		24m1	17m3	2025 RO2	2025 09 14	58,6"	12"	2025-R96	25m6	16m1
20245 HG2	2024 04 30	6,7"	11"	not send	24m9	19m1	2025 RD2	2025 09 14	51,9"	12"	2025-R86	26m9	17m3
2024 HQ1	2024 04 27	25"	14"	not send	28m3	19m6	2025 RC2	2025 09 17	104,6"	8" III		26m4	18m3
2024 HR1	2024 04 29	11,6"	14"	2024-H92	23m1	18m0	2025 RL2	2025 09 17	15,6"	8"		26m0	16m2-17m8
2024 HU1	2024 04 29	16,5"	14"	2024-H95	26m1	18m8	2025 SO1	2025 09 18	26,6"	8"		25m4	18m4
2024 JO10	2024 05 09	37,6"	14"	2024-J257	25m0	18m5	2025 SH2	2025 09 19	40,5"	11"		26m2	18m8
2024 JU14	2024 05 10	30,2"	16"	2024 J272	25m7	19m3	2025 RL2	2025 09 17 and 18	144"	8"		26m0	13m7
2024 JY16	2024 05 13	27" *	16"	2024-J299	24m8	17m1	2025 FA22	2025 09 19	42,4"	11"		21m6	16m3
2024 JB17	2024 05 13	5,6"	16"	2024-J301	22m2	18m9	152664	2025 09 28	53"	11"			14m
2024JK17	2024 05 14	20,1"	14"		24m6	18m4	2025PV	2025 11 06	5"	16"		17m	19m
2024GQ6	2024 05 14	6,7"	14"		20m2	18m6	2025 YT	2025 12 18	111"	14"		27m1	17m2
							2026 FNS	2026 08 24	877" !!	11"		26m8	14m5
							2026 DF27	2026 04 11	DISCOVERY	8"	12"	23m6	19m2
							2026KB	2026 05 17	67"	16"		27m1	17m0
							2026JH2	2026 05 17	Rec !!!!!	857"	16"	26m2	12m2

2024 GA1

2024 GA1

Epoch: 2024 Mar. 31.0 TT - JDT 2460400.5

M 295.89324 (2000.0)

n0.07308723

a1.0842203

e0.5409150

P1.13

Peri.120.84097

Node199.72398

Incl.11.82920

H24.11

P+0.76620052

Q0.53694812

-0.00432020

C0.15

Earth MTD = 0.0150 AU

Venus0

+0.63877049

+0.74110230

+0.20673560

U8

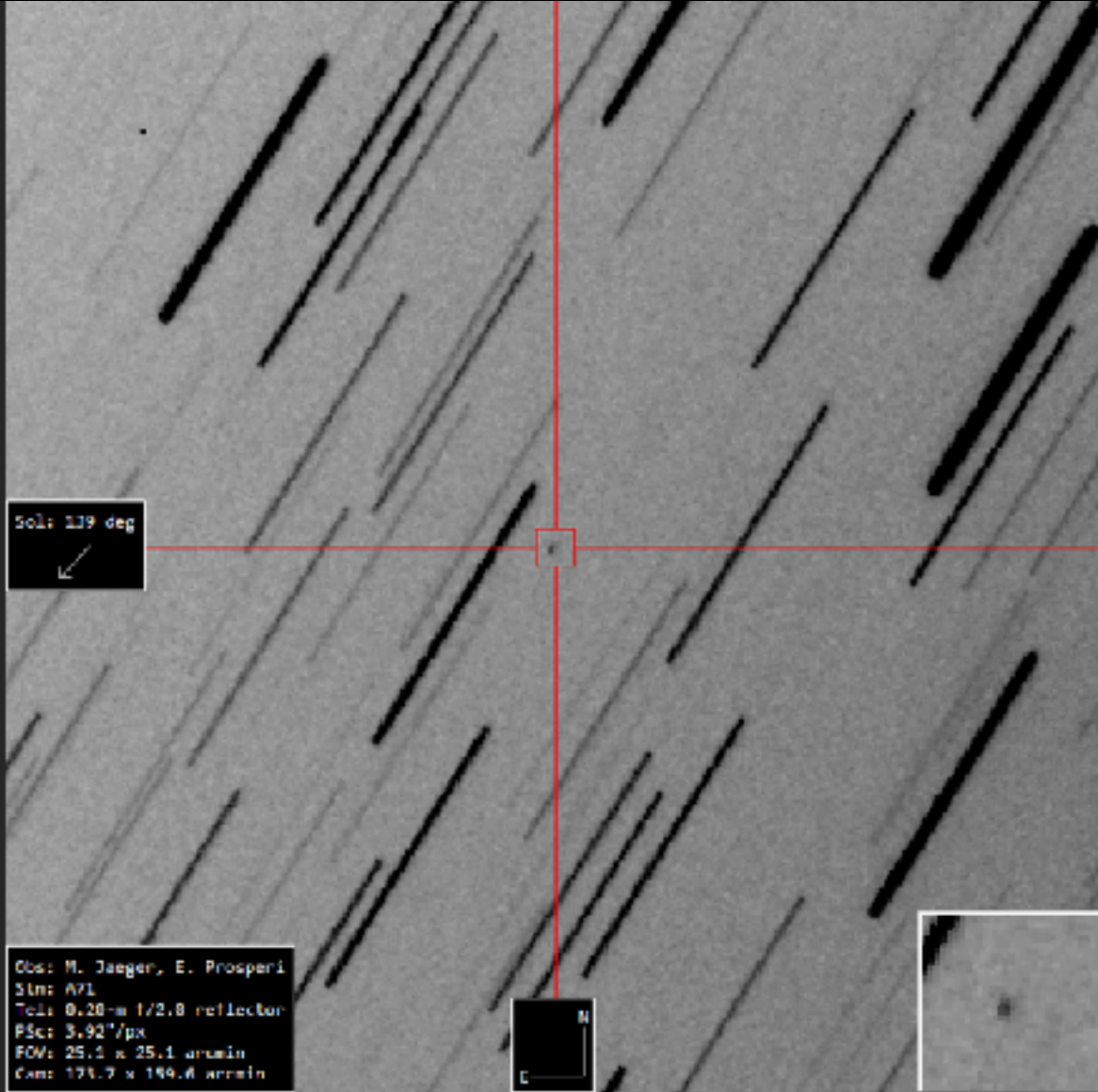
11.4.2024 Weißenkirchen/ A/1 32.4" PA 329

20.4/ UT 45x12sec 8"/2 RASA QHY600

R-1.03 AU

(0.033 AU)

<u>240411</u>	<u>A71</u>	.21-	.49+
<u>240411</u>	<u>A71</u>	.85-	.37+
<u>240411</u>	<u>A71</u>	.84-	.96+
<u>240411</u>	<u>A71</u>	.95-	.56+



8" RASA

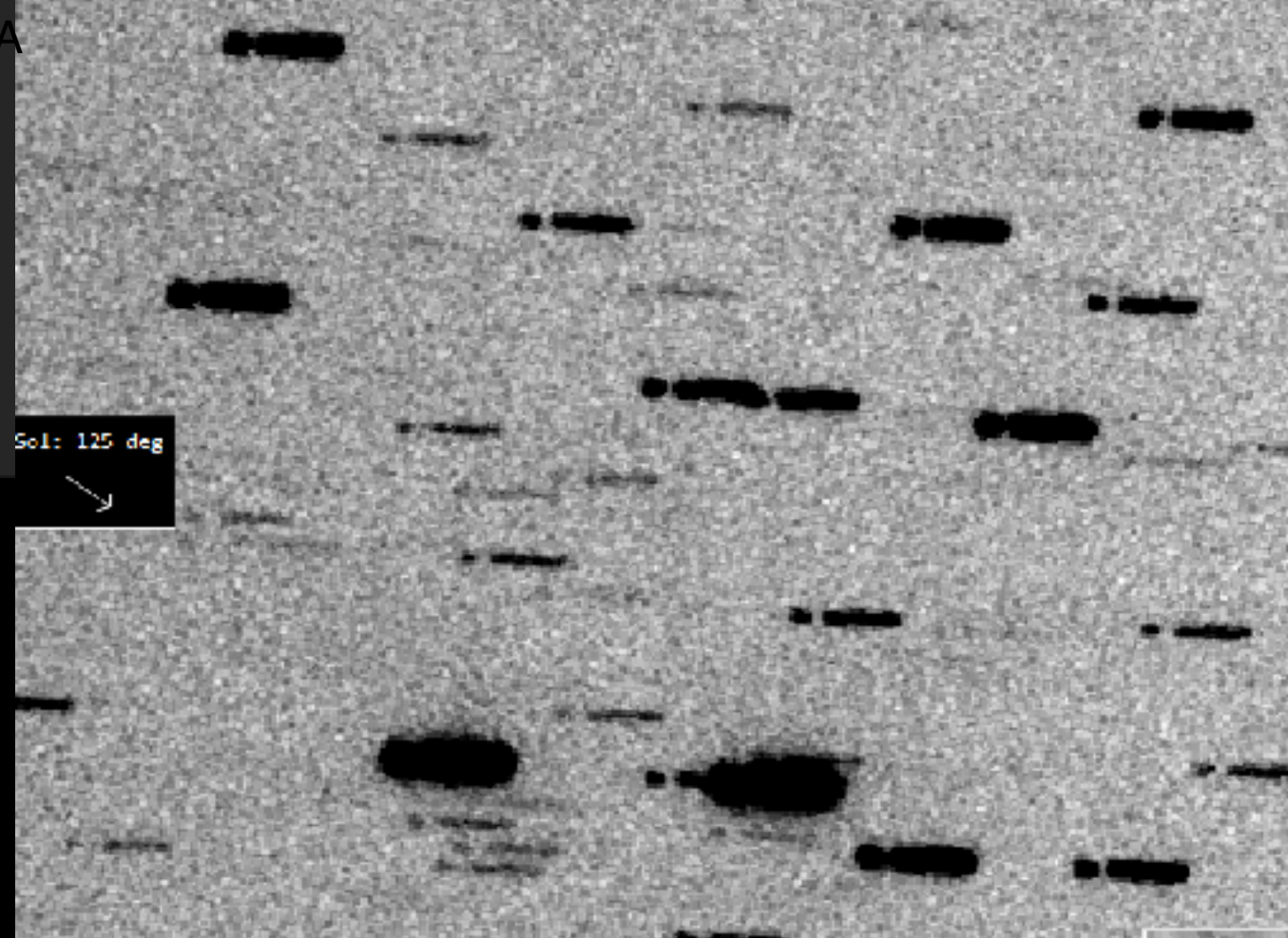
2025 S01

18.9.2025 Weiskirchen 18m4 H-25m4 26,6"
18.57 UT 69x10sec 8" RASA Asl 294

R-1.03 AU
(0.03 AU)

<u>250918</u>	<u>A71</u>	.44+	.11+
<u>250918</u>	<u>A71</u>	.31-	.60-
<u>250918</u>	<u>A71</u>	.01+	.71-

Sol: 125 deg



2025 FA22

19.9.2025 Weilbühlchen 13m1 H-21.61 165meter 2.2 LD sep 18.42.4"
19.05 UT 47x/sec 11" RASA Ast 294mm

H-1-012 AU
(0.011 AU)

COD A71

CON M. Jaeger

OBS M. Jaeger, G. Rhemann, E. Prosser

MEA M. Jaeger

TEL 0.28-m f/2.2 reflector + CMO

NUM 3

ACK MIC report file updated 2025.09.24 13:44:28

MIT Gala FDR3

ACQ michael.jaeger@gmx.at, gerold.rhemann@gmail.com, e.prosser@alice.it

K25F22A.KN2025.09.19.01701.02.00.35.40 +24 13 17.6 13.1 G A71

K25F22A.KN2025.09.19.01805.02.00.29.99 +24 13 37.2 13.2 G A71

K25F22A.KN2025.09.19.01945.02.00.24.72 +24 13 56.0 13.2 G A71

end

<u>250919</u>	<u>A71</u>	1.2+	.24+
<u>250919</u>	<u>168</u>	.78+	.16-
<u>250919</u>	<u>A71</u>	1.5+	.26+
<u>250919</u>	<u>A71</u>	1.3+	.13+

PermID:
ProvID: 2025 FA22
TrkSub: TR0685
Speed: 43.1"/min
PA: 284.7 deg

Date: 2025 09 19.01821
RA: 02 38 30.16
Dec: +24 13 35.8
Mag: 13.2 G
Exp: 3.133m (47x4s)

Sol: 242 deg

Obs: M. Jaeger, G. Rhemann, E. Prosser...
Stn: A71
Tel: 0.28-m f/2.2 reflector
PSc: 1.55"/px
FOV: 19.9 x 19.9 arcmin
Cam: 107.2 x 73.9 arcmin

2026 FN5

11" RASA
min

377" /

Orbital elements:

2026 FN5 Earth MOID = 0.0014 AU
Epoch 2025 Nov. 21.0 TT = JDT 2461000.5 Alexander
M 351.70054 (2000.0) P Q
n 1.83728047 Peri. 169.617°4 +0.08584020 -0.18768852
e 0.8602202 Node 180.82982 0.15571200 +0.91458331
i 0.5870487 Incl. 1.52528 0.08228094 +0.28790286
P 0.54 H 25.88 G 0.15 U 6

260324 A71(1.3- 3.8+)
260324 A71(.63- 2.7+)
260324 A71(1.4- 3.8+)
260324 A71 4.4- 3.8+
260324 A71 2.3- .79+
260324 A71 4.5- 3.2+

AC2 michaeljaeger@gmx.at, gerald.rhemann@gmail.com, e.prosperi@alice.it

ACK NFOCP

NET Gaia EDR3

A11zen7 KB2026 03 24.81491 12 11 19.55 +33 07 51.4	14.8 G	A71
A11zen7 KB2026 03 24.81559 12 10 53.21 +33 12 13.5	14.9 G	A71
A11zen7 KB2026 03 24.81646 12 10 26.80 +33 15 37.7	14.9 G	A71

end

PermID:
ProvID: A11zen7
TelSub: TR1137
Speed: 177"/min
PA: 388.5 deg

Sol: 178 deg

Obs: M. Jaeger, G. Rhemann
Site: A71
Tel: 0.28 m f/2.2 reflector
Pix: 2.44"/px
FOV: 15.1 x 16.1 arcmin
Cam: 131.1 x 87.7 arcmin



250801 M45 0.2+ 0.4-	250801 J69 0.3- 0.4-	250802 K3 0.1- 0.2+
250801 M45 0.1+ 0.2-	250801 J69 0.3+ 0.6-	250802 Y16 0.1- 0.2+
250801 M45 0.1+ 0.1-	250801 L04 0.1- 0.0	250802 Y05 0.1- 0.1+
250801 L04 0.3+ 0.0	250801 S49 0.5+ 0.2-	250802 W13 0.1+ 0.2+
250801 L04 0.3+ 0.2-	250801 J69 0.5- 0.5+	250802 W13 0.2+ 0.1-
250801 L04 0.2+ 0.1	250801 L04 0.1- 0.1	250802 W13 0.1+ 0.1+
250801 L99 0.0- 1.2-	250801 250801 L22 .00	.12
250801 L99 0.5- 1.1-	250801 <u>250801 A71</u> .21+	.09-
250801 L99 0.8+ 0.6-	250801 <u>250801 L47</u> .29+	1.2-
250801 M22 0.0- 0.4	250801 <u>250801 A71</u> .21+	.03+
250801 M22 0.2+ 0.2+	250801 <u>250801 L99</u> .45+	.16+
250801 M22 0.2+ 0.1	250801 <u>250801 L47</u> .09-	.01-
250801 M22 0.0- 0.2+	250801 <u>250801 A71</u> .10+	.07-
250801 M22 0.0- 0.1	250801 <u>250801 A71</u> .07+	.15-
250801 A71 0.3+ 0.2	250801 <u>250801 L99</u> .59+	.26+
250801 L47 0.2+ 1.2-	250801 <u>250801 A71</u> .31+	.06-
250801 A71 0.3+ 0.0	250801 <u>250801 A71</u> .23+	.03-
250801 L99 0.5+ 0.1-		
250801 L47 0.1- 0.2-		
250801 A71 0.2+ 0.1-		
250801 A71 0.1+ 0.2		
250801 L99 0.6+ 0.2-		
250801 A71 0.3+ 0.1		
250801 A71 0.3+ 0.1		
250801 L99 0.3+ 0.6-		
250801 L47 0.4+ 0.3-		

ephemeris:

2025 PE $\alpha, \delta = 2.44, 0.65, 10$ $\alpha = 0.8552$
 Date TT R.A. (2000) Decl. Delta r Elong. Phase V
 2025 07 26 09 43 05.3 -04 28 15 0.04703 0.9758 31.4 147.2 25.3
 2025 08 01 19 58 23.8 +41 36 09 0.0086661 0.0192 119.4 60.2 15.9
 2025 08 02 20 52 00.0 +26 00 49 0.01665 1.0269 136.1 43.2 16.9
 2025 08 03 21 06 33.7 +20 29 14 0.02527 1.0347 141.8 37.4 17.6
 2025 08 08 21 23 37.8 +13 08 19 0.07009 1.0032 150.8 27.1 18.9
 2025 08 17 21 27 10.1 +10 57 44 0.1520 1.1521 155.1 21.7 21.1

PermID: 431494
 TrkSub: TR8375
 Speed: 27"/min
 PA: 149.7 deg

Date: 2025 08 01 22:16:08
 RA: 20 48 58.24
 Dec: +27 10 15.2
 Mag: 16.3 G
 Exp: 1.66/m (28Kb/s)

Sol: 189 deg
 ↓

Obs: M. Jaeger, G. Riemann, E. Prosp...
 Stn: A71
 Tel: 0.38-m f/4.6 reflector
 PS: 1.38"/px
 FOV: 8.3 x 6.3 arcmin
 Cam: 103.1 x 68.8 arcmin



2025 RO2

12/f-4 58,6"/min

14.9.2025 Weiskirchen 16m1 58,60" H 25.57
28.52 UT 30x4arc
28.56 UT 33x3arc 12"/4 Asa 294m

R 1.012 AU
[0.006AU]

OOD A71

CON M. Jaeger

OBS M. Jaeger, G. Rhamann, E. Prosperi

MEA M. Jaeger

TFL 0.30 m f/4.0 reflector + CMO

NUM 3

ACK MPCReport file updated 2025.09.15 02:22:18

MIT Gaia TDR3

AC2 michaeljaeger@gmx.at, gerald.rhamann@gmail.com, e.prosperi@alice.it

A11s2Fg KD2025 09 14.98520 02 00 09.70 +04 52 12.1 16.3 G A71

A11s2Fg KD2025 09 14.98597 02 00 05.98 +04 52 52.0 16.3 G A71

A11s2Fg KD2025 09 14.98674 02 00 02.29 +04 53 33.1 16.1 G A71

end

OOD A71

CON M. Jaeger

OBS M. Jaeger, G. Rhamann, E. Prosperi

MEA M. Jaeger

TEL 0.30-m f/4.0 reflector + CMO

NUM 5

AC2 michaeljaeger@gmx.at, gerald.rhamann@gmail.com, e.prosperi@alice.it

ACK NFOCP

MIT Gaia TDR3

A11s2Fg KD2025 09 14.98761 02 07 50.08 +04 54 19.5 16.1 G A71

A11s2Fg KD2025 09 14.98806 02 07 55.94 +04 54 43.0 16.1 G A71

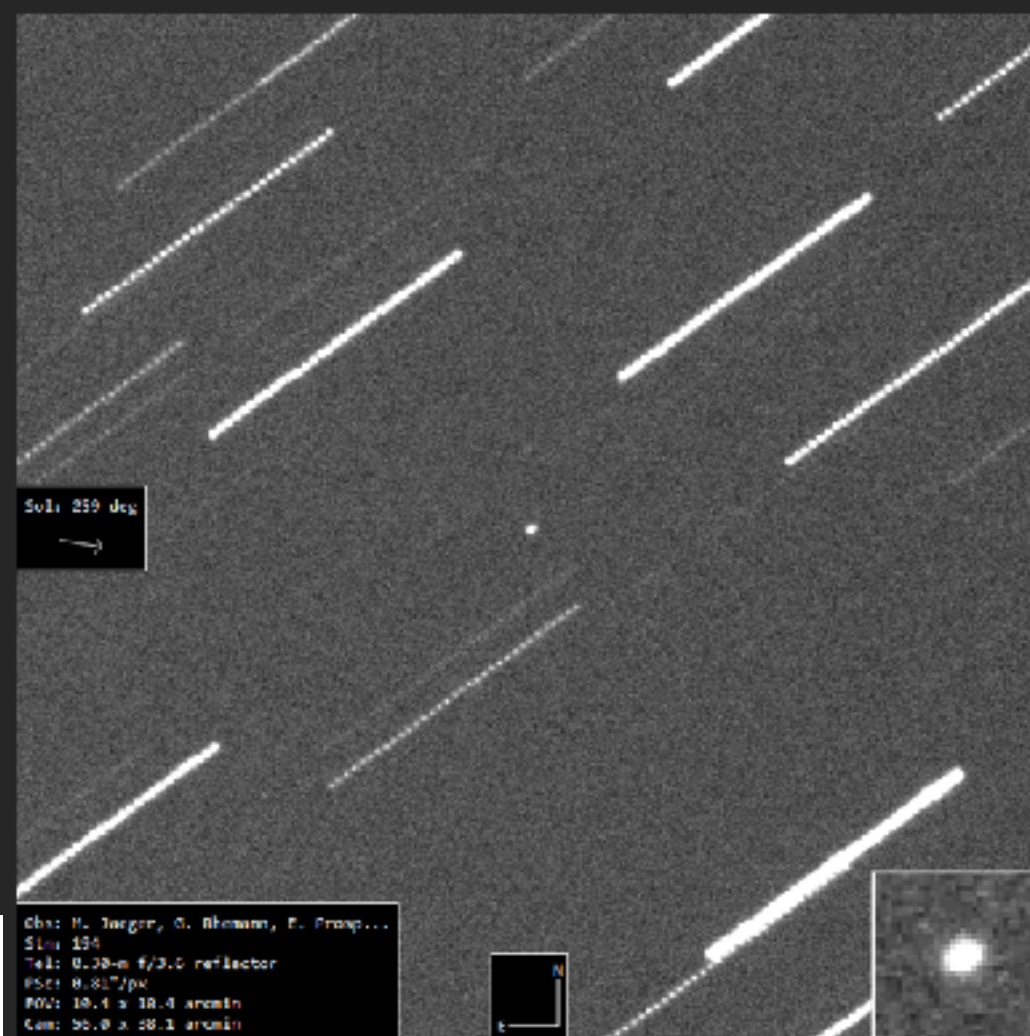
A11s2Fg KD2025 09 14.98851 02 07 53.77 +04 55 06.7 16.1 G A71

A11s2Fg KD2025 09 14.98893 02 07 51.76 +04 55 29.0 16.2 G A71

A11s2Fg KD2025 09 14.98932 02 07 49.91 +04 55 40.9 16.2 G A71

----- end -----

250914	A71	.08+	.35+
250914	A71	.32+	.30+
250914	A71	.10-	.54+
250914	A71	.21+	.35+
250914	A71	.05+	.38+
250914	A71	.10+	.61+
250914	A71	.38+	.03+



14"/f-4.2 114"/min

2025 YT

Periastron 2025 Dec 18.10266 +/- 1.02e-5 TT - 2:27:09 (JD 2461027.60266)
 Epoch 2025 Dec 10.0 TT - JDT 2461027.5 Auto-Find
 q120473.902 +/- 136 102000 (Mars) (Mars)
 J1 27.09 G 0.15 Peri. 5.50917 +/- 0.0010
 Node 59.27815 +/- 0.000059
 Time 104.74465 +/- 0.00007
 179.1805690 +/- 0.101
 19 of 30 observations 2025 Dec. 17-18 (26.0 hr): mean residual 0".60

18.12.2025 Marlinsberg 1/m2 111" 11-27/m1 R-0.959 AU

17.25 U1 45x3sec 14"/42 CHY 600 (0.0006AU)

COD 600

CON M. Jaeger

OBS M. Jaeger, G. Riemann

MEA M. Jaeger

TEI 0.35-m f/4.2 reflector + CMO

NUM 3

AC2 michaeljaeger@gmx.at, gerald.riemann@gmail.com, eprosperi@alice.it

ACK MPCReport file updated 2025.12.19 22:01:34

NEI Guia EDR3

251218	G00	.11+	.20+
251218	G00	.25-	.15+
251218	G00	.04+	.03+

PermID: 2025 YT
 PrevID: 180928
 InSub: 180928
 Speed: 114"/min
 PA: 339.2 deg

Sol: 165 deg

Obs: M. Jaeger, G. Riemann, E. Prosperi
 Site: G00
 Tel: 0.35-m f/4.2 reflector
 PSF: 1.05"/px
 FOV: 6.7 x 6.7 arcmin
 Cam: 83.4 x 55.6 arcmin

2025 PW1 Earth MOID = 0.0011 AU
 Epoch 2025 May 5.0 TT = JDT 2460800.5 Veres
 M 181.35488 (2000.0) P Q
 n 0.84913471 Peri. 282.64371 +0.39484206 -0.91823679
 a 1.0254571 Node 144.05136 +0.96191733 +0.35865106
 e 0.2826767 Incl. 2.99517 +0.31811674 +0.16796018
 P 1.04 H 27.71 G 0.15 U 6

0.7 LD 10 meter

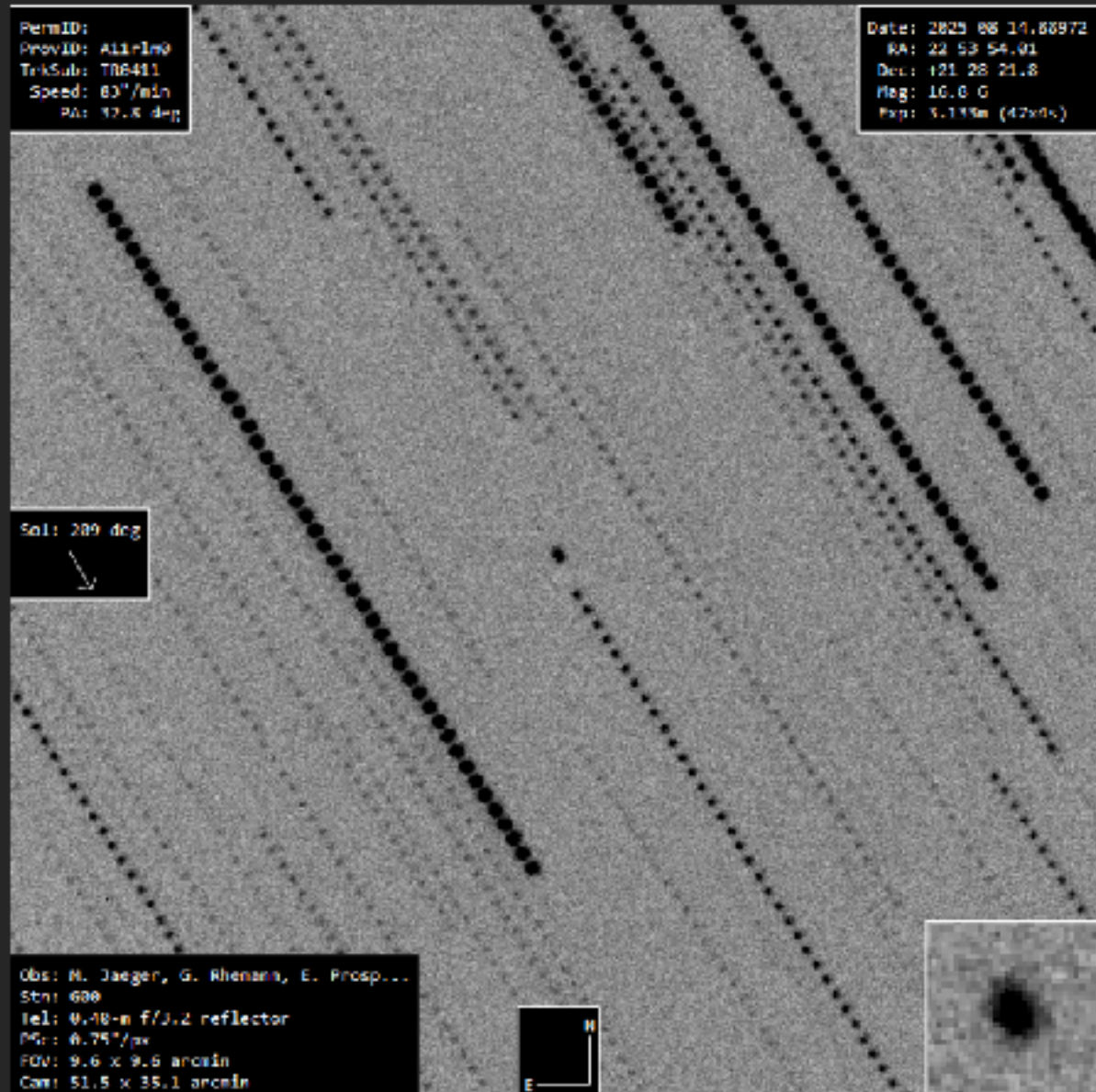
14.8.2025 Martinsburg 83.5° 16m7 H 27m7
 21.18 UT 46x46 16"/3.2 Axi 294m

R 1.016 AU
 (0.0039 AU)

COO G00
 CON M. Jaeger
 OBS M. Jaeger, G. Rhenann, E. Prosp...
 MCA M. Jaeger
 TEL 0.40-m f/3.2 reflector + GHO
 NUM 5
 AC2 michael.jaeger@gmx.at, gerald.rhenann@gmail.com, e.prosp...
 ACK NEOCP
 NET Cala EDR3

A11rlm0 KB2025 08 14.88822 22 53 47.11 +21 28 50.1
 A11rlm0 KB2025 08 14.88946 22 53 52.80 +21 27 55.2
 A11rlm0 KB2025 08 14.89008 22 53 55.66 +21 28 58.4
 A11rlm0 KB2025 08 14.89070 22 53 58.49 +21 30 00.3
 A11rlm0 KB2025 08 14.89122 22 54 01.13 +21 30 59.0
 end

250814	L18	.15-	.30-
250814	L18	.62-	.35+
250814	L18	.20-	.09+
250814	G00	.57-	.57-
250814	G00	.43-	.47-
250814	G00	.23-	.12+
250814	G00	.49-	.67-
250814	G00	.24-	.32+



17.5.2026 Martinsberg 17m1 H-26m2 17"
21.03 UT 30x10sec: 16"/3.2 Asi 294m

R-1.013 AU

(0.0053 AU)

18.5.2026 Martinsberg 12m2 857"

19.54 UT 34x0,5sec

R-1.012 AU

19.56 UT 25x0,2sec 16"/3.2 Asi 294m

(0.00074 AU)

<u>260517</u>	<u>A40</u>	.24+	.30+
<u>260517</u>	<u>G00</u>	.18+	.12-
<u>260517</u>	<u>G00</u>	.13+	.05+
<u>260517</u>	<u>G00</u>	.16+	.08-