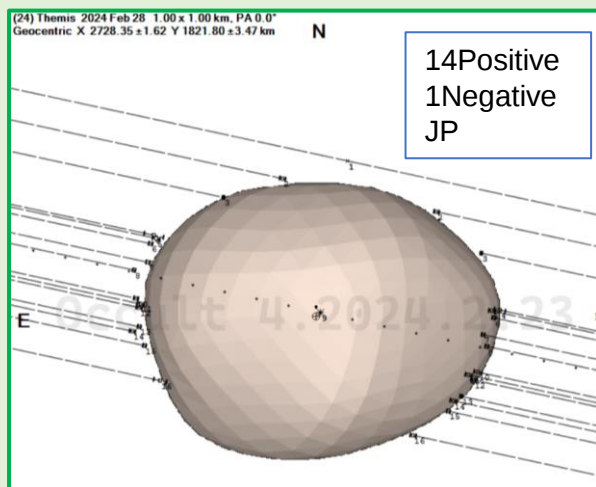


Best Results East Asia

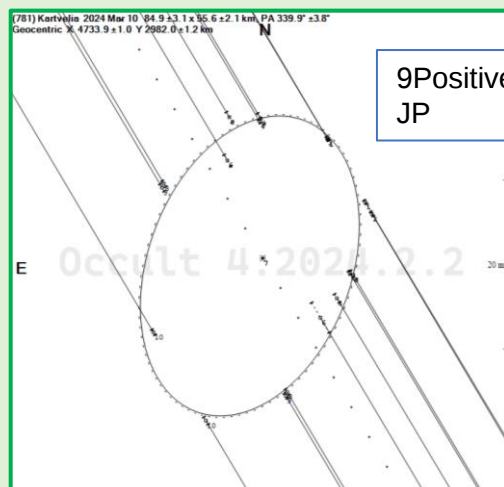
Main Belt Asteroid

FY2023/24 < Aug.2023~Jul.2024 >

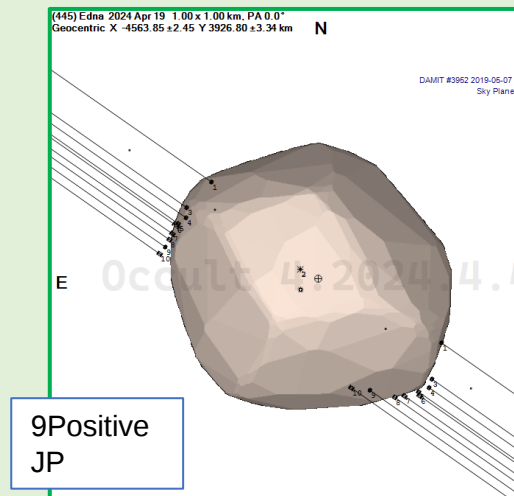
(24)Themis Feb.28.2024



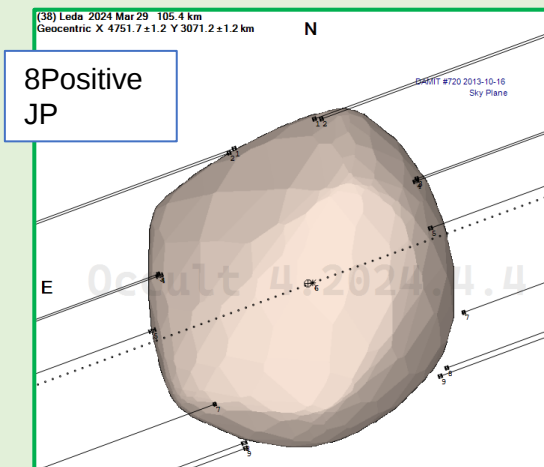
(781)Kartvelia Mar.10.2024



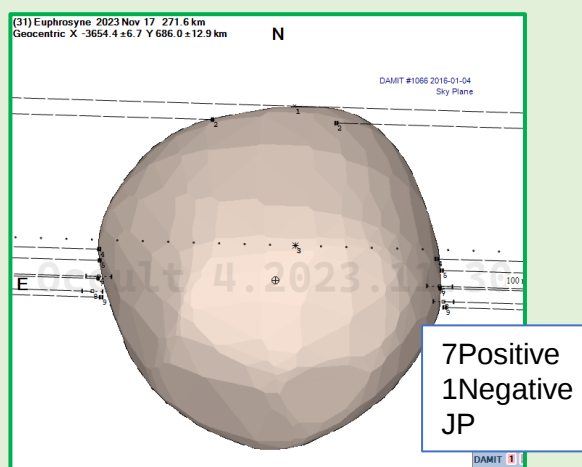
(445)Edna Apr.19.2024



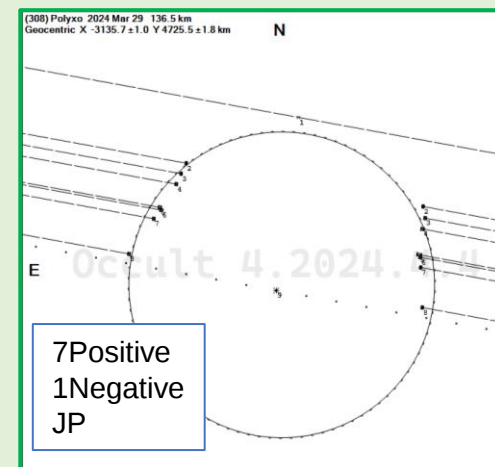
(38)Leda Mar.29.2024



(31)Euphrosyne Nov.17.2023

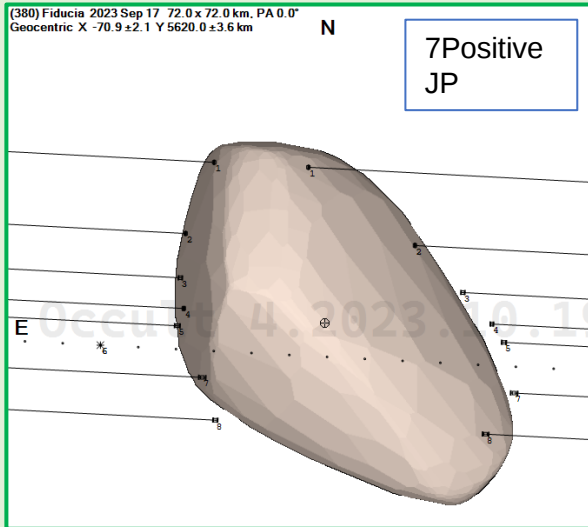


(308)Polyxo Mar.29.2024

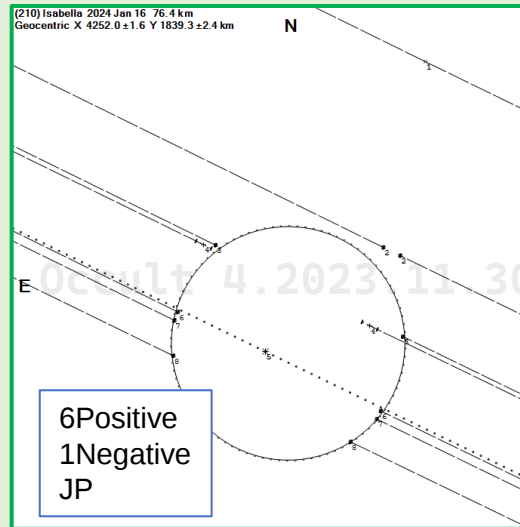


Main Belt Asteroid

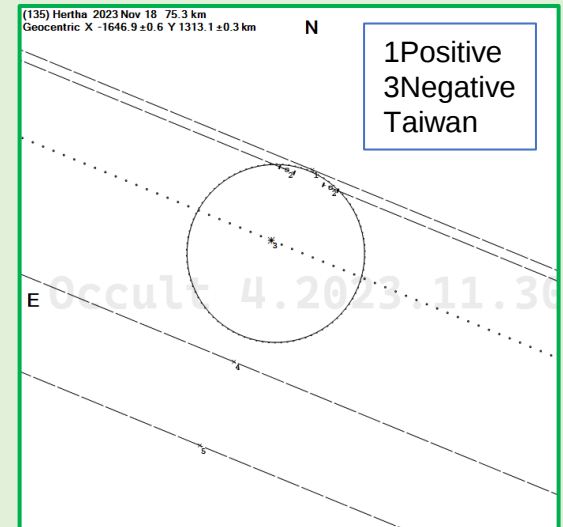
(380)Fiducia Sep.17.2023



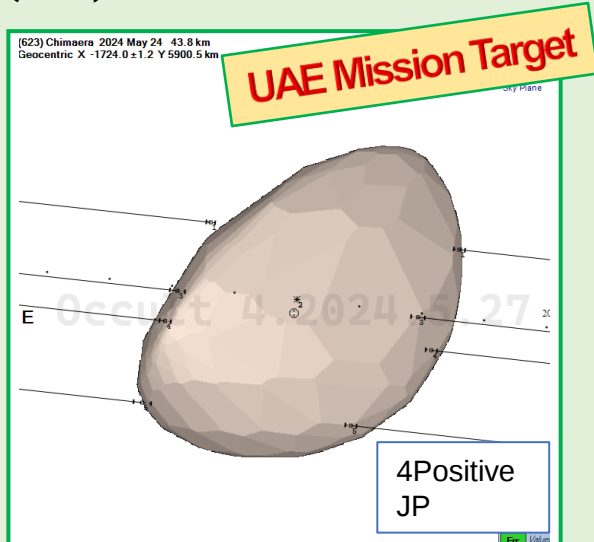
(210)Isabella Jan.16.2024



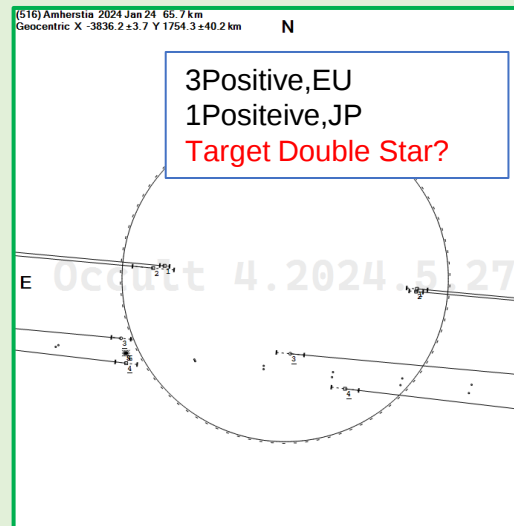
(135)Hertha Nov.18.2023



(623)Chimaera May.24.2024



(516)Amherstia Jan.24.2024



Other

(319)Leona occults

Betelgeus

Dec.12.2023,3Positive,IT&ES

(1211)Bressole

Jan.18.2024,1Positive,India

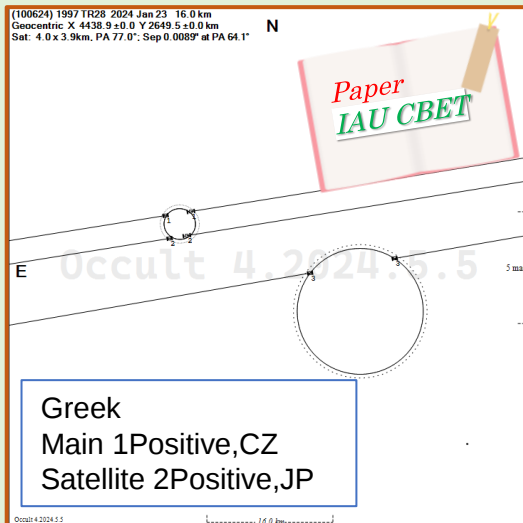
Target New Double Star

(614)Pia

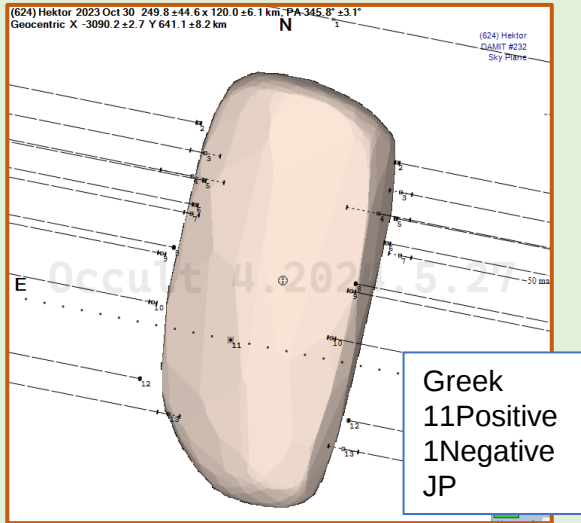
Feb.13.2024,1Positive,JP

Jupiter Trojan

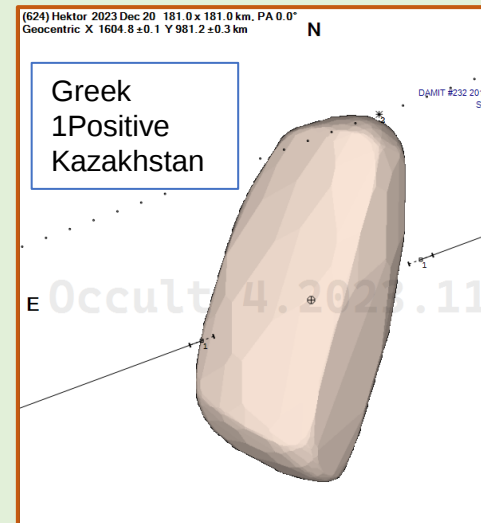
(100624)1997 TR28 Jan.23.2024



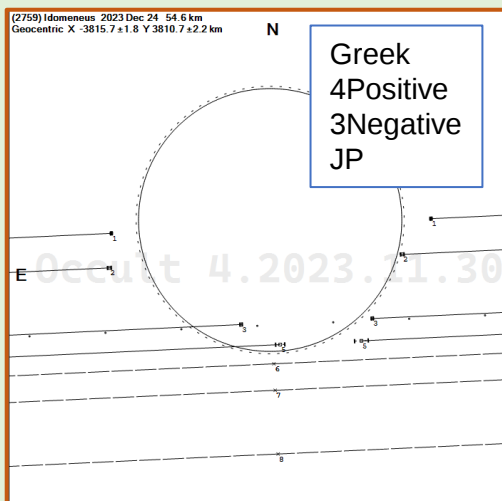
(624)Hektor Oct.30.2023



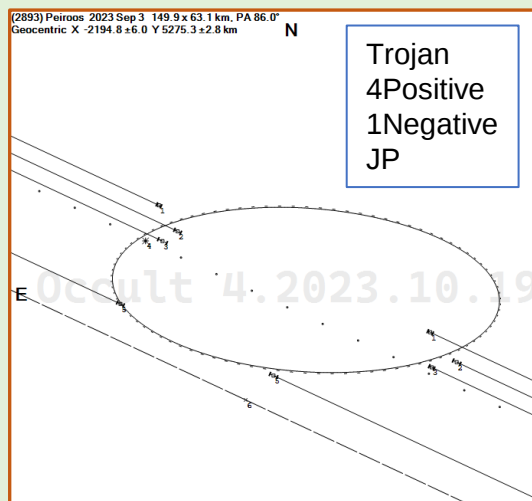
(624)Hektor Dec.20.2023



(2759)Idomeneus Dec.24.2023



(2893)Peiroosa Sep.3.2023



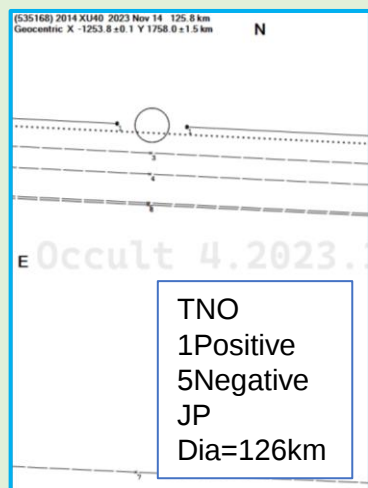
Other

(4489)Dracius	Greek, 4P, 1N, JP
(1583)Antilochus	Greek, 2P, 1N, JP
(13323)1998 SQ	Greek, 2P, JP
(4832)Palinurus	Trojan, 1P, JP
(9431)Pytho	Greek, 1P, JP
Target New Double Star	
(4489)Dracius	Greek, 1P, JP
(253347)2003 FJ64	Greek, 1P, JP

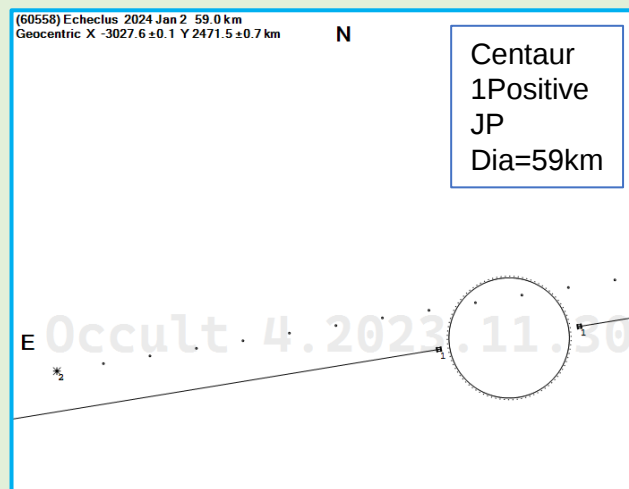
*P=Positive, N=Negative

trans Neptunian object & Centaur

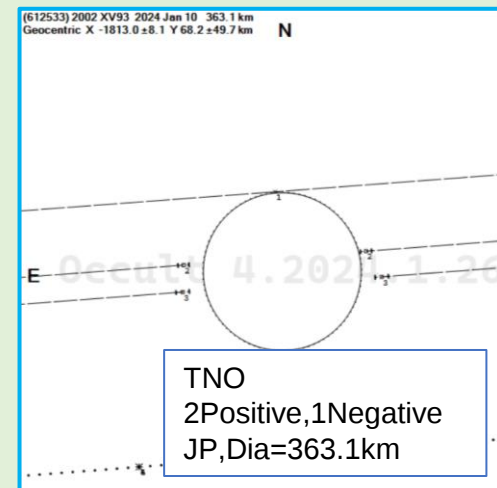
(535168)2014 XU40 Nov.14.2023



(60558)Echecluse Jan.2.2024

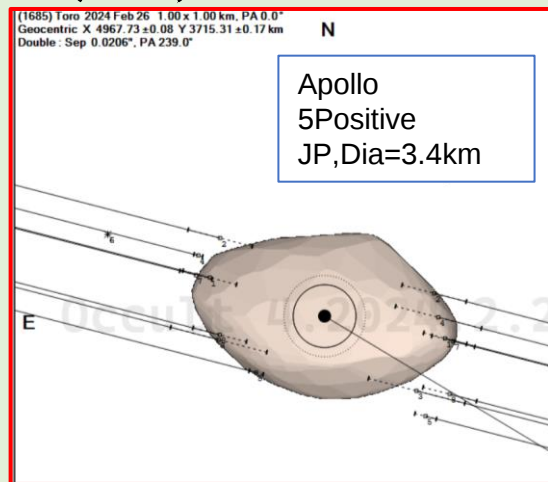


(612533)2002 VX93 Jan.10.2024

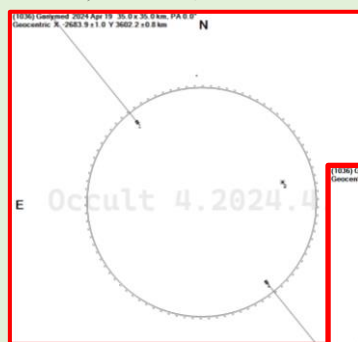


Near Earth Asteroid(NEA)

(1685)Toro Feb.26.2024

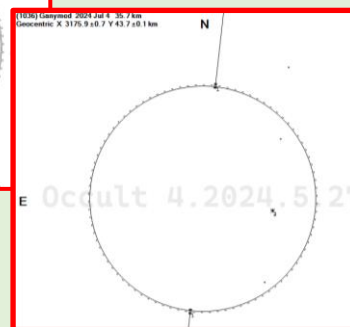


(1036)Ganymed Apr.19&Jul.4.2024



Amor
1Positive,JP,
Dia=37.7km

Amor
1Positive,JP



TNO Other
(26375)1999 DE9

Mar.9.2024,1Positive,JP,Dia= 622km

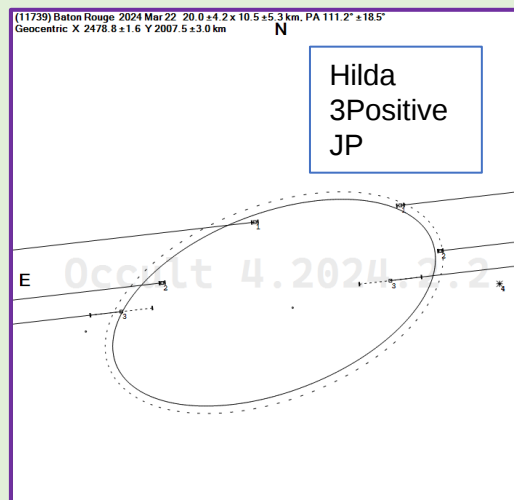
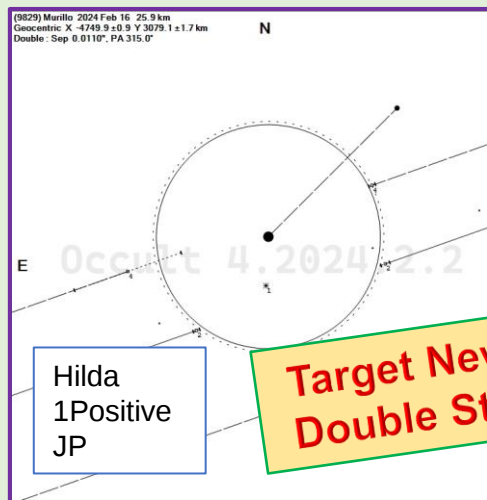
Paper
(98943)2001 CC21, Mar.5.2023
<Publications of the Astronomical
of Japan>

(60558)Echecluse, Jan.19.2021
<Lucky Star >
(54598)Bienor, Dec.26.2022<Mont
hly Notices of the Royal
Astronomical Society>

Hilda, Mars crossing Asteroid & Outer Main Belt Asteroid

(9829)Murillo Feb.16.2024

(11739)Baton Rouge Mar.22.2024



Other

Hilda

(1180)Rita Hilda,2P,JP

(47907)2000 GT71 Hilda,1P,JP

(10610)1996 XR1 Hilda,1P,JP

Mars crossing Asteroid

(22601)1998 HD124 MC,1P,JP

(4451)Grieve MC,1P,JP

Outer Main Belt Asteroid

(1373)Cincinnati OMB,1P,JP

(6890)Savinykh OMB,1P,1NJP

(44353)1998 SB1 OMB,2P,1N,JP

*P=Positive,N=Negative

Data of Small Asteroid

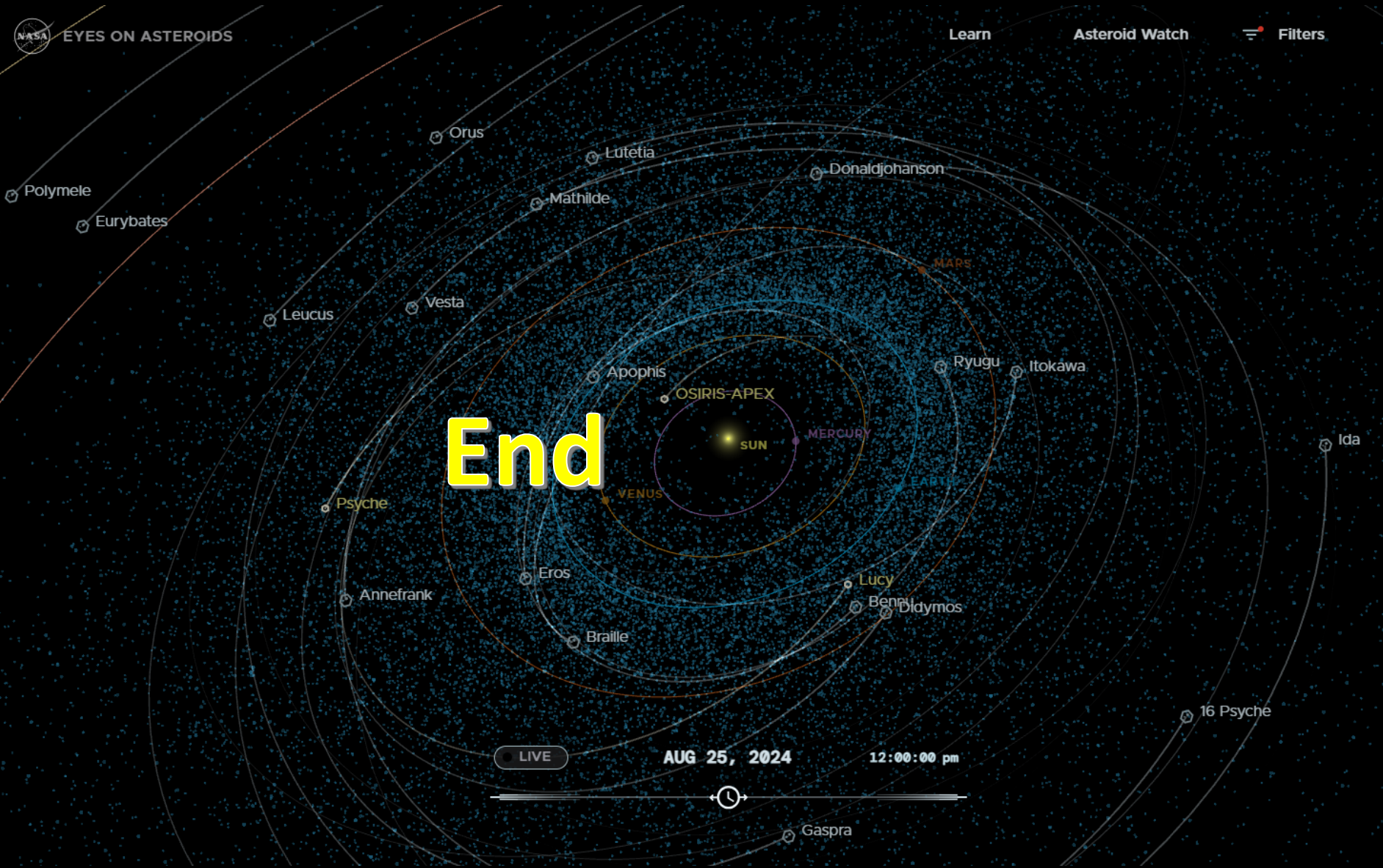
1	(134737)2000 AO155	Dia= 2.1km ,MB	Jun.5.2024
2	(171992)2001 TK214	Dia= 3km (3km+α) ,MB	Sep.12.2023
3	(16631)1993 OY3	Dia= 3.24km ,MB	Jun.21.2024
4	(8875)Ferna	Dia= 3.3km ,OMB	Jun.4.2024
5	(1685)Toro	Dia= 3.4km ,Apollo	Feb.26.2024
6	(34351)Decatur	Dia= 3.54km ,MB	Jun.18.2024
7	(44353)1998 SB1	Dia= 3.98km ,MB	Jun.4.2024
8	S(100624)1997 TR28	Dia= 4km ,Trojan,Satellite	Jan.23.2024
9	(31766)1999 JD116, (4646)Kwee, (10757)1990 SF3	Dia= 4.5km ,MB	Mar.3.2024, Jul.8.2024, Jun.13.2024

Best Records(East Asia)

1983~2023

1	(99942)Apophis	Dia= 0.34km ,Aten
2	(98943)2001 CC21	Dia= 0.6km ,Apollo
3	(65803)Didymos	Dia= 0.78km ,Apollo
4	(3200)Phaethon	Dia=6.25km,Apollo
5	(120143)2003 GG42	Dia=7.0km,MB

*Diameter Data by
NASA/JPL, OWC,
et al



Data source : HAL & IOTA/EA



Hayato Watanabe <IOTA/EA,JOIN>