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MPEC 2021-J104 : 2021 JN2

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2021 JN2

Observations:

Table with 13 columns: Object ID, Date, RA, Dec, Az, El, Alt, Az, El, Alt, Az, El, Alt, Az, El, Alt. Contains observation data for various objects like K21J02N* and K21J02N.

Observer details:

- 587 Sormano. Observers E. Colzani, L. Iachellini. Measurer P. Sicoli. 0.5-m f/6.8 reflector + CCD.
595 Farra d'Isonzo. Observers S. Aschi, E. Pettarin. Measurer E. Pettarin. 0.61-m f/4.5 reflector + CCD.
654 Table Mountain Observatory, Wrightwood-PHMC. Observers P. Choi, N. Saini, C. Zhai, R. Trahan, M. Shao.
858 Tebbutt Observatory, Edgewood. Observer F. B. Zoltowski. 0.51-m Schmidt-Cassegrain + CCD.
658 Chabot Space and Science Center, Oakland. Observer G. McKeegan. 0.9-m f/4.5 Cassegrain + CCD.
696 Mt. Lemmon Survey. Observer H. Groeller. Measurers E. J. Christensen, G. A. Farneth, D. C. Fuls, A. R. Gibbs, A. D. Grauer, H. Groeller, R. A. Kowalski, S. M. Larson, G. J. Leonard, T. A. Pruyne, D. Rankin, R. L.

Seaman, F. C. Shelly, K. W. Wierzchos. 1.5-m reflector + 10K CCD.
 H21 Astronomical Research Observatory, Westfield. Observer R. Holmes.
 Measurers S. Foglia, L. Buzzi, T. Linder, R. Holmes. 0.76-m f/3.0
 astrograph + CCD.
 I52 Steward Observatory, Mt. Lemmon Station. Observer G. J. Leonard.
 Measurers E. J. Christensen, G. A. Farneth, D. C. Fuls, A. R. Gibbs, A. D.
 Grauer, H. Groeller, R. A. Kowalski, S. M. Larson, G. J. Leonard, T. A.
 Pruyne, D. Rankin, R. L. Seaman, F. C. Shelly, K. W. Wierzchos. 1.0-m
 reflector + CCD.
 I93 St Pardon de Conques. Observer F. Losse. 0.40-m f/3.7 reflector + CCD.
 J57 Centro Astronomico Alto Turia, Valencia. Observer A. Fornas. Measurers
 E. Arce, V. Mas, G. Fornas. 0.43-m f/6.8 reflector + CCD.
 L01 Visnjan Observatory, Tican. Observer K. Korlevic. 1.0-m f/2.9 reflector
 + CCD.

Orbital elements:

2021 JN2 Earth MOID = 0.0321 AU
 Epoch 2020 Dec. 17.0 TT = JDT 2459200.5 Veres
 M 310.67752 (2000.0) P Q
 n 0.77290842 Peri. 34.36109 -0.57154317 -0.81931778
 a 1.1759369 Node 90.53738 +0.74231142 -0.53979863
 e 0.3329743 Incl. 2.59947 +0.34973156 -0.19322475
 P 1.28 H 23.54 G 0.15 U 8

Residuals in seconds of arc

210507 G96	0.0	0.2-	210507 L01	0.1-	0.4+	210508 858	0.3+	0.7-
210507 G96	0.1+	0.8+	210507 L01	0.6-	0.3+	210508 H21	0.1-	0.2-
210507 G96	0.4+	0.3+	210507 J57	0.9+	1.5-	210508 H21	0.2-	0.2-
210507 G96	0.2-	0.3+	210507 I93	0.4+	0.6+	210508 G58	0.5+	0.3+
210507 I52	0.3-	0.5+	210507 I93	0.7-	0.4-	210508 G58	0.3-	0.1-
210507 I52	0.3+	0.0	210507 J57	0.8+	2.2-	210508 G58	0.2+	0.1-
210507 I52	0.3-	0.8+	210508 I52	0.3+	0.9-	210508 654	0.0	0.1+
210507 I52	0.3+	0.4+	210508 I52	0.1+	0.3-	210508 654	0.1+	0.1+
210507 587	1.3-	0.9+	210508 858	0.6+	0.1+	210508 654	0.5-	0.1+
210507 587	1.0-	0.1+	210508 I52	0.3+	0.0	210508 595	0.7-	0.4+
210507 J57	1.0+	1.5-	210508 I52	0.9+	0.7+	210508 595	0.1+	0.0
210507 L01	0.5+	0.2-	210508 858	0.5+	0.5-			
210507 L01	0.4+	0.2+	210508 H21	0.0	0.4-			

Ephemeris:

2021 JN2 a,e,i = 1.18, 0.33, 3 q = 0.7844
 Date TT R. A. (2000) Decl. Delta r Elong. Phase V
 2021 04 08 03 19 09.2 +44 01 28 0.09831 0.9368 46.9 128.7 23.9
 ...
 2021 04 23 10 43 29.7 +54 19 37 0.05983 1.0187 101.2 75.5 20.1
 ...
 2021 05 01 12 36 34.7 +25 57 28 0.08360 1.0635 130.3 46.3 20.0
 ...
 2021 05 07 13 04 04.8 +13 40 43 0.1132 1.0969 139.0 37.1 20.5
 2021 05 08 13 07 12.9 +12 11 13 0.1186 1.1025 139.7 36.3 20.6
 2021 05 09 13 10 05.8 +10 48 40 0.1242 1.1080 140.3 35.6 20.7
 ...
 2021 05 15 13 23 46.2 +04 23 49 0.1599 1.1409 141.8 33.2 21.2
 ...
 2021 05 23 13 37 00.1 -01 08 53 0.2122 1.1836 140.3 33.1 21.9
 ...
 2021 06 07 13 57 16.5 -07 26 48 0.3229 1.2593 133.6 35.7 23.0

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