

Those Objects TLE's are taken from <https://www.space-track.org/> on 25th of August 2023. Those TLE's are propagated using SGP4 algorithm.

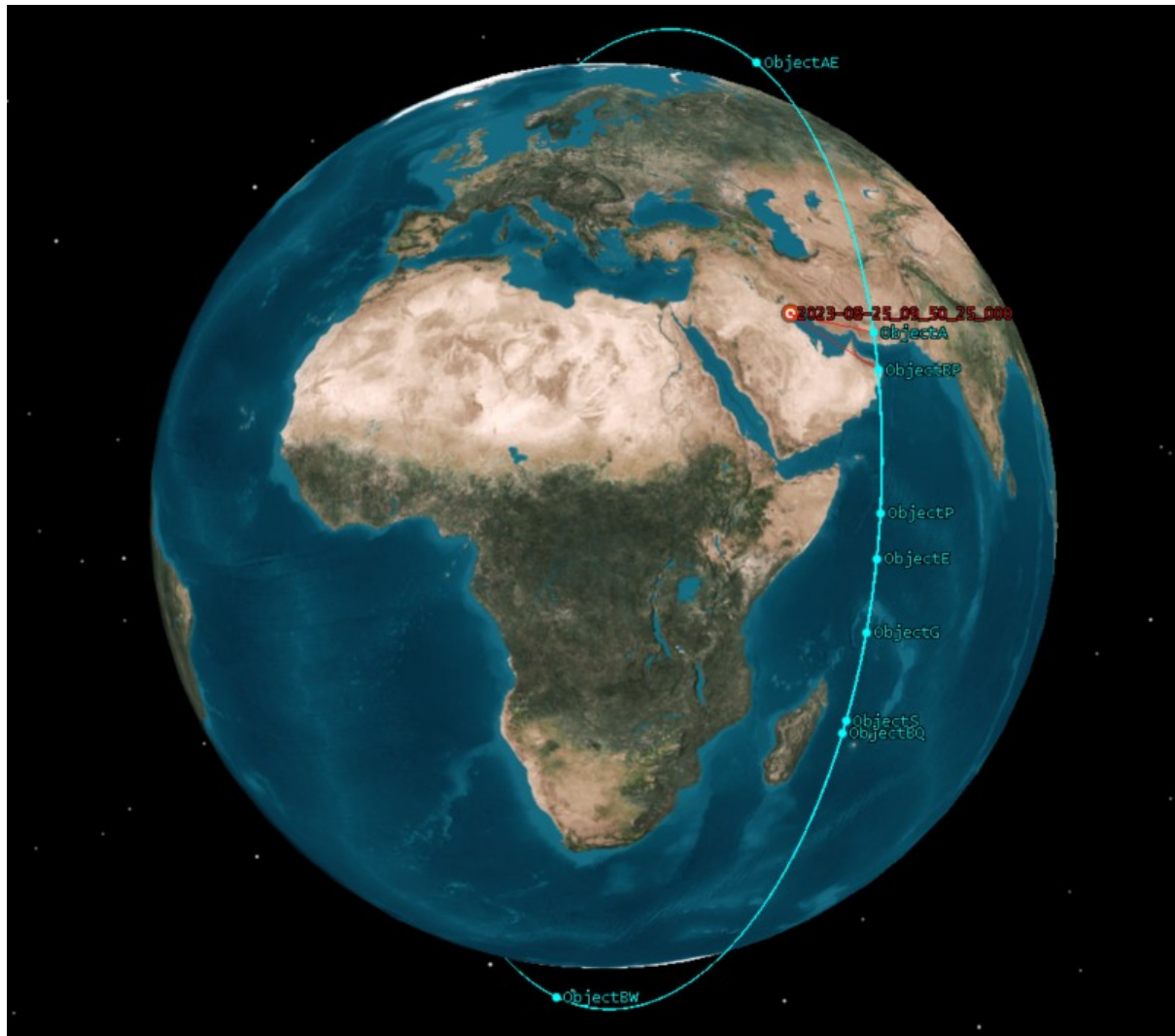
Line of Sight Cases

Case 1

25 August 2023 09:50:25 UTC

Observer Latitude: 29.3231

Observer Longitude: 48.0438



Only Object A and Object BP is on line of sight.

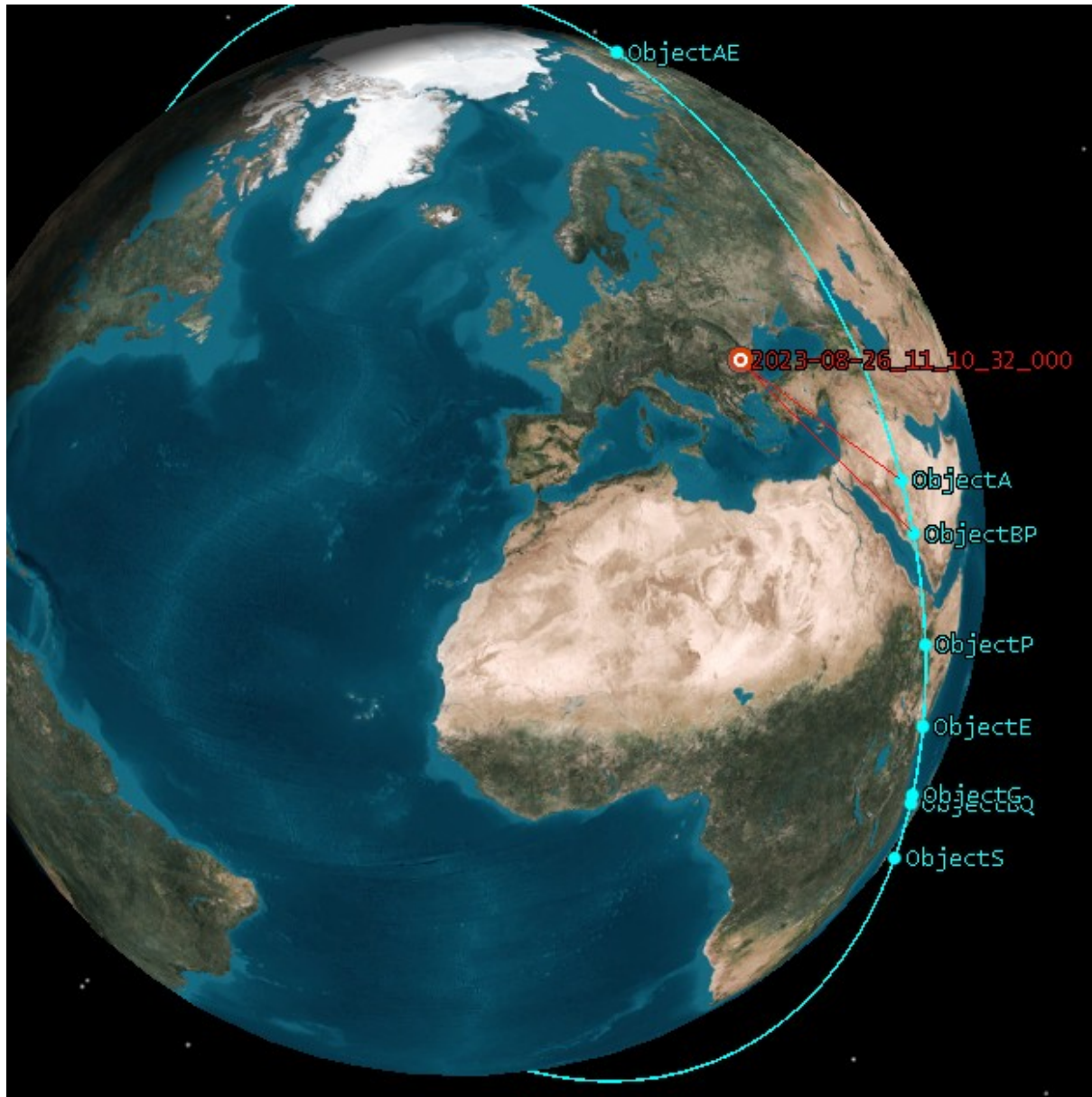
Case 2

26 August 2023 09:50:25 UTC

Data received at;

Observer Latitude: 44.0283

Observer Longitude: 25.768



Only Object A and Object BP is on line of sight.

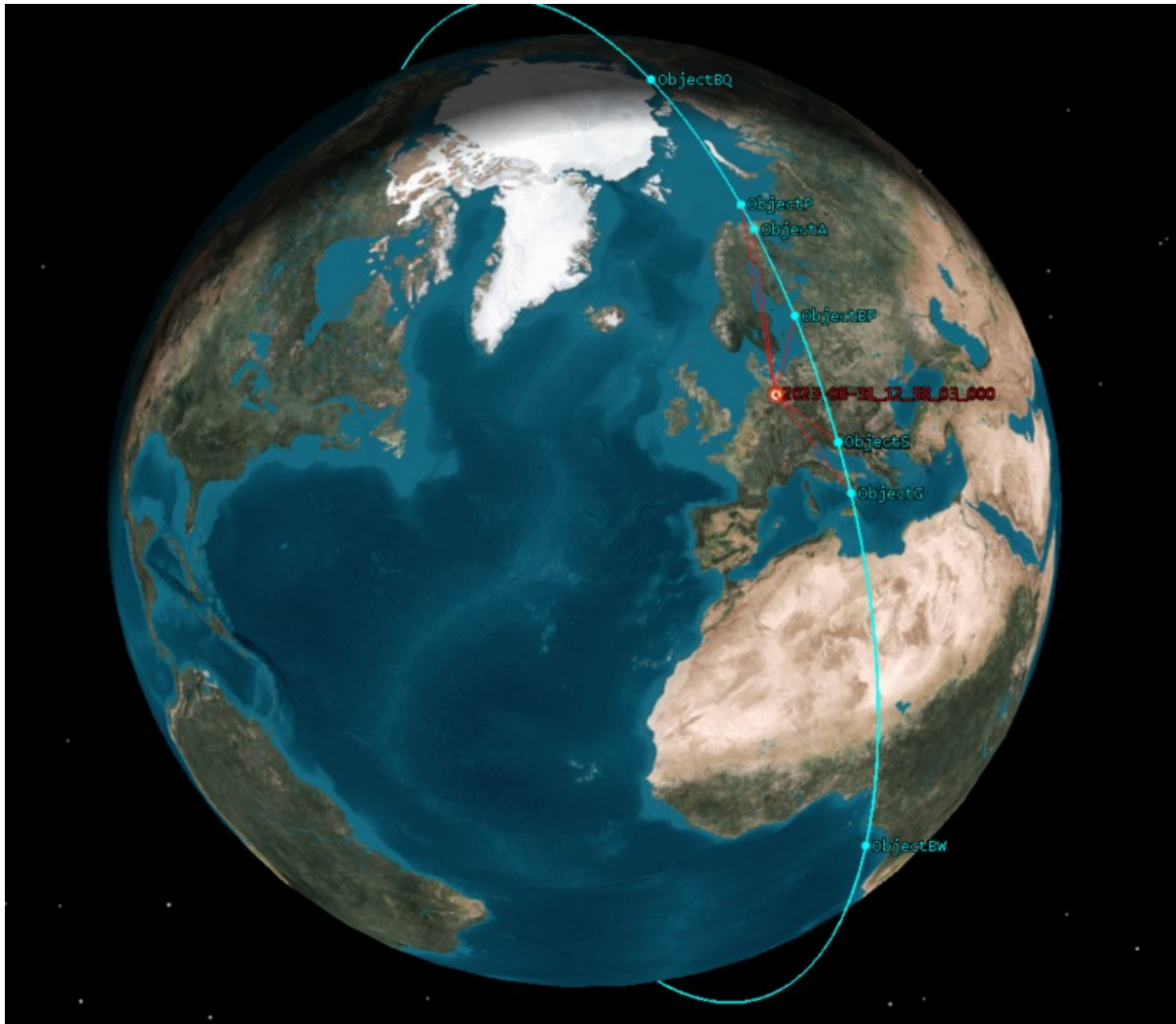
Case 3

31 August 2023 12:58:03 UTC

Data received at;

Observer Latitude: 52.2688

Observer Longitude: 10.5248



Only Object A, Object P, Object S, Object G and Object BP is on line of sight.

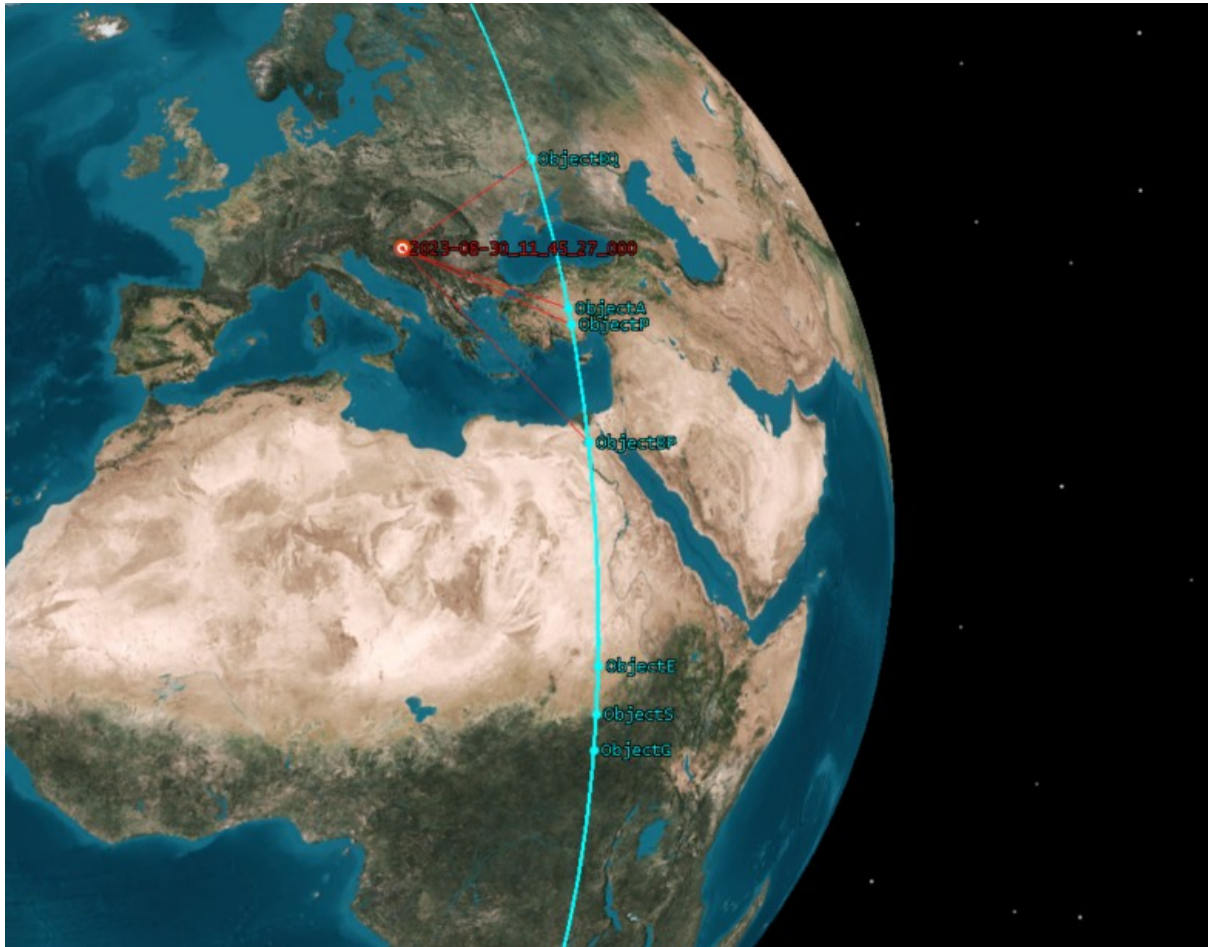
Case 4

30 August 2023 11:45:27 UTC

Data received at;

Observer Latitude: 45.3295

Observer Longitude: 18.4944



Only Object A, Object P Object BQ, and Object BP is on line of sight.

Case 5

29 August 2023 10:25:50 UTC

Data received at;

Observer Latitude: 27.3117

Observer Longitude: 53.2811



Only Object A, Object BQ, Object P, Object E and Object BP is on line of sight.

Case 6

28 August 2023 02:23:42 UTC




Data received at;

Observer Latitude: 54.7174

Observer Longitude: -7.9424



Only Object A, and Object BP is on line of sight.

**18 SDS/DOO Customer Service** <18SPCS.DOO.CustomerService@us.af.mil>
to 18 ▾Thu, Jul 20, 6:46 PM   

Dear PocketQube Owners,

Based on what we see in the tracking data, we think the satellites from the first Albapod deployment on 21 June are #56230, 56231, 56994 in the satellite catalog (objects BP, BQ, BW). We don't know which one is which satellite, though, and would appreciate your help in naming them. But take your time, we understand it's not always a quick process.

Best regards
Cynthia

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Appendix

TLE's

Possible Istanbul Objects

```

Object A
1 56932U 23084A 23240.08790203 .00029558 00000-0 15348-2 0 9994
2 56932 97.5133 355.6403 0007580 322.7068 37.3638 15.16037309 11534
Object AE
1 56960U 23084AE 23240.09906636 .00004261 00000-0 23817-3 0 9990
2 56960 97.5198 355.6669 0012021 327.9804 32.0696 15.13969570 11538
Object BP
1 56230U 23084BP 23239.88875769 .00034014 00000-0 17493-2 0 9998
2 56230 97.5150 355.4610 0014723 329.7489 30.2892 15.16275082 11506
Object BQ
1 56231U 23084BQ 23239.82069539 .00009938 00000-0 56159-3 0 9993
2 56231 97.5164 355.2506 0016495 336.0620 23.9843 15.13184731 11489
Object BR
1 56989U 23084BR 23240.12013612 .00020381 00000-0 11043-2 0 9996
2 56989 97.5099 355.5481 0015755 328.4809 31.5478 15.14526752 11532
Object BW
1 56994U 23084BW 23240.27491438 .00015871 00000-0 87610-3 0 9996
2 56994 97.5161 355.7251 0015778 331.5163 60.2416 15.13917100 11551
Object D
1 56994U 23084BW 23240.27491438 .00015871 00000-0 87610-3 0 9996
2 56994 97.5161 355.7251 0015778 331.5163 60.2416 15.13917100 11551
Object E
1 56936U 23084E 23240.08369531 .00029519 00000-0 15344-2 0 9997
2 56936 97.5130 355.6400 0007497 326.2798 33.7957 15.16000985 11532
Object G
1 56938U 23084G 23240.08250676 .00026736 00000-0 13951-2 0 9998
2 56938 97.5133 355.6415 0006989 328.5951 31.4863 15.15889840 11539
Object K

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1	56941U	23084K	23240.11197820	.00012594	00000-0	68949-3	0	9992
2	56941	97.5190	355.6433	0008887	308.4888	51.5546	15.14338669	11539
Object P								
1	56945U	23084P	23240.08611663	.00016050	00000-0	85955-3	0	9995
2	56945	97.5145	355.6275	0008886	318.5837	41.4721	15.15066377	11530
Object S								
1	56948U	23084S	23240.08186872	.00017713	00000-0	94320-3	0	9990
2	56948	97.5142	355.6316	0009471	316.7571	43.2916	15.15242847	11536