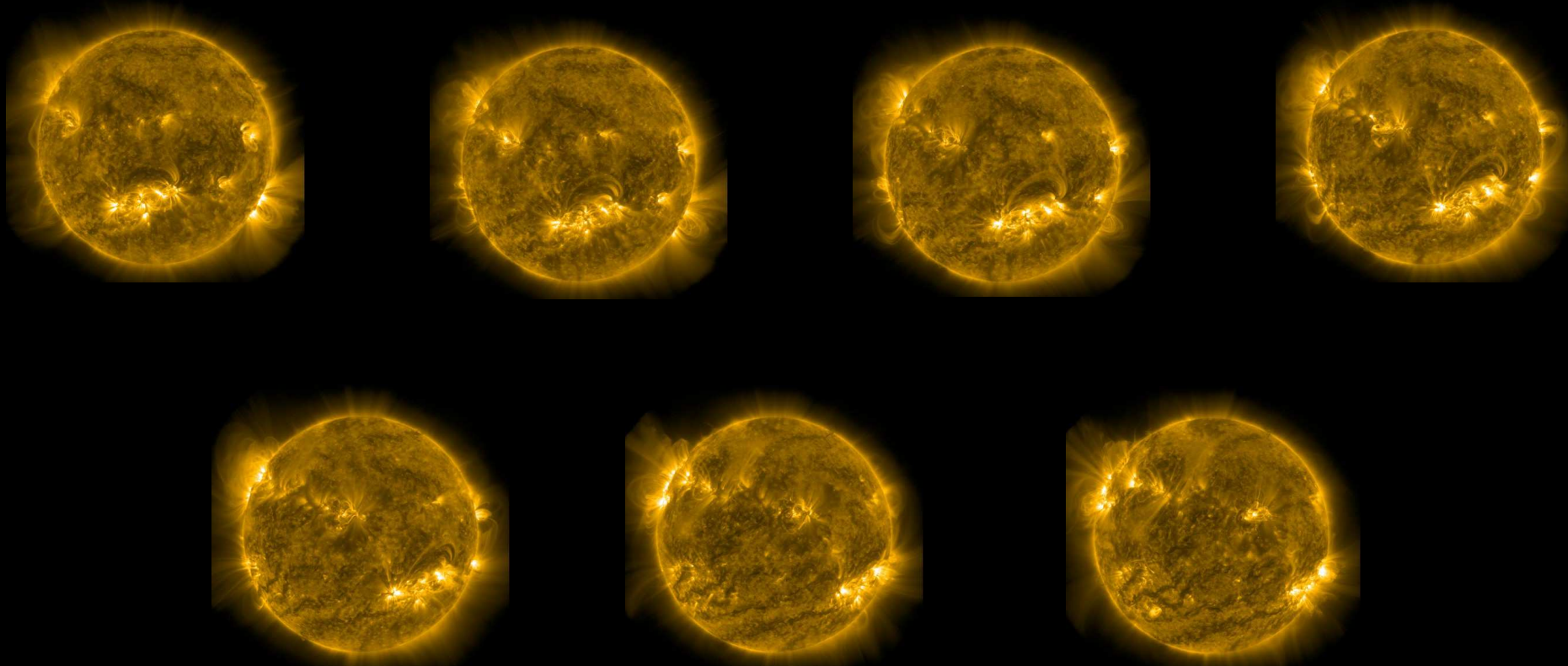




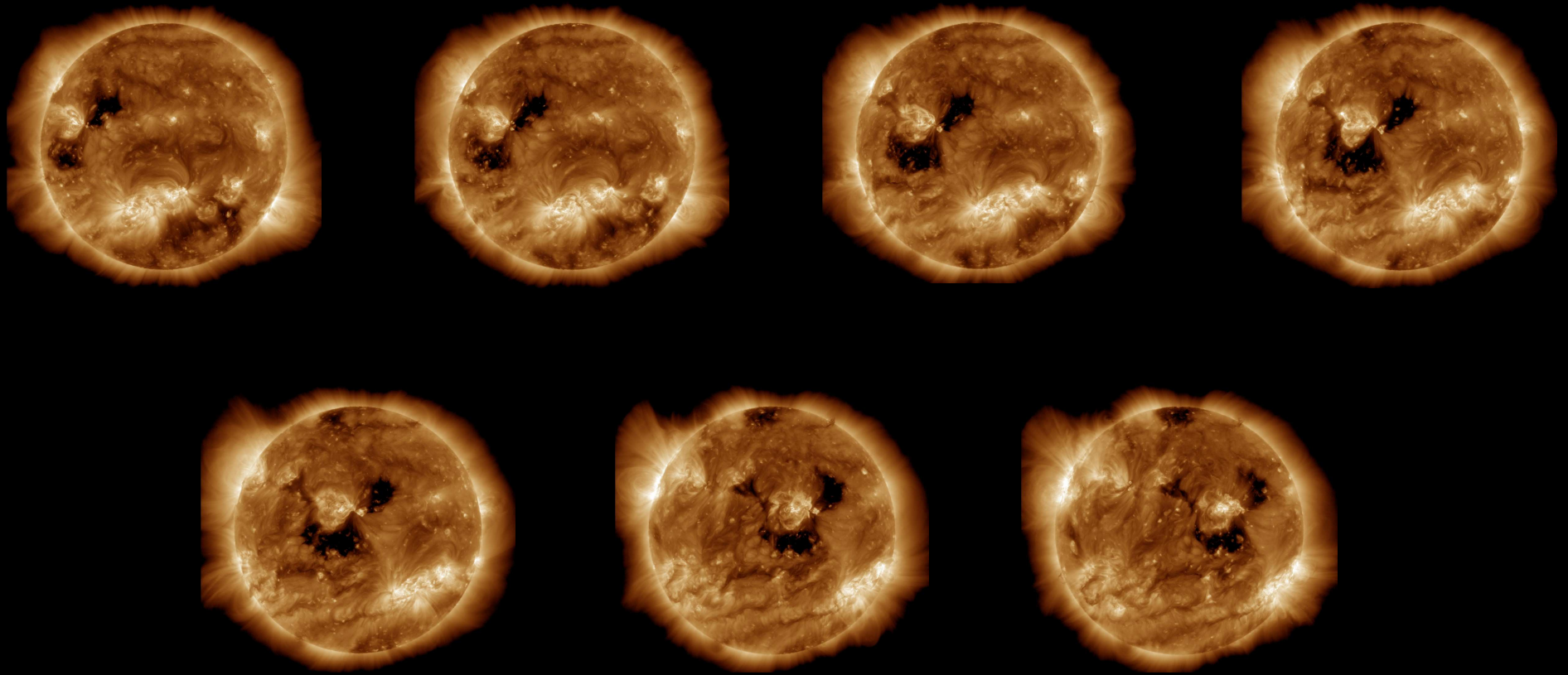
電漿值週

Present by. 莫佳澄、侯冠宇

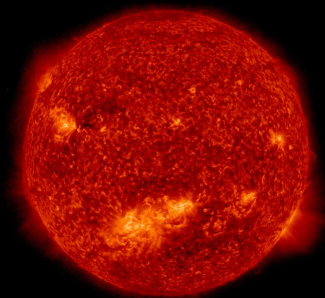
AIA 171Å-(日冕)



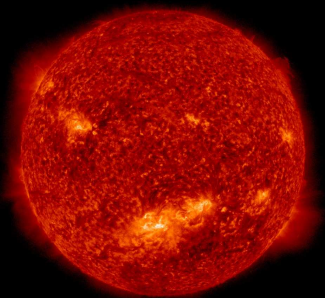
AIA 193Å –(日冕洞)



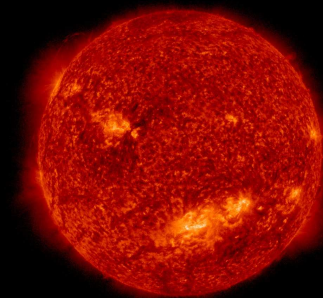
AIA 304Å –色球層(日珥)



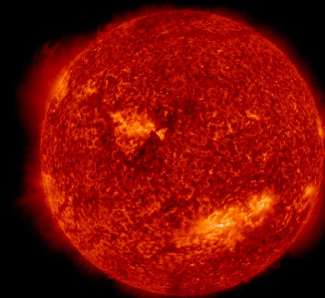
SDO/AIA 304 2022-09-25 23:49:06 UT



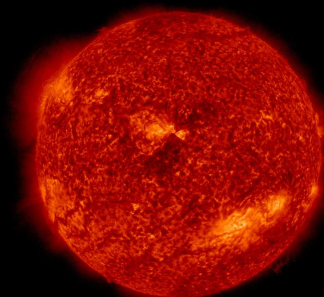
SDO/AIA 304 2022-09-26 18:09:06 UT



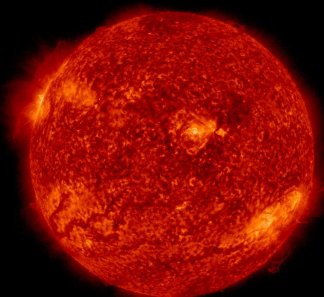
SDO/AIA 304 2022-09-27 12:28:42 UT



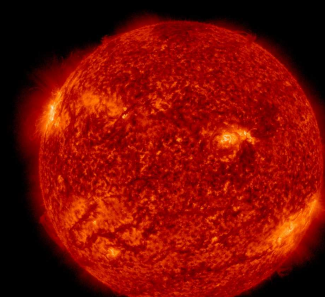
SDO/AIA 304 2022-09-28 06:38:18 UT



SDO/AIA 304 2022-09-29 01:18:30 UT

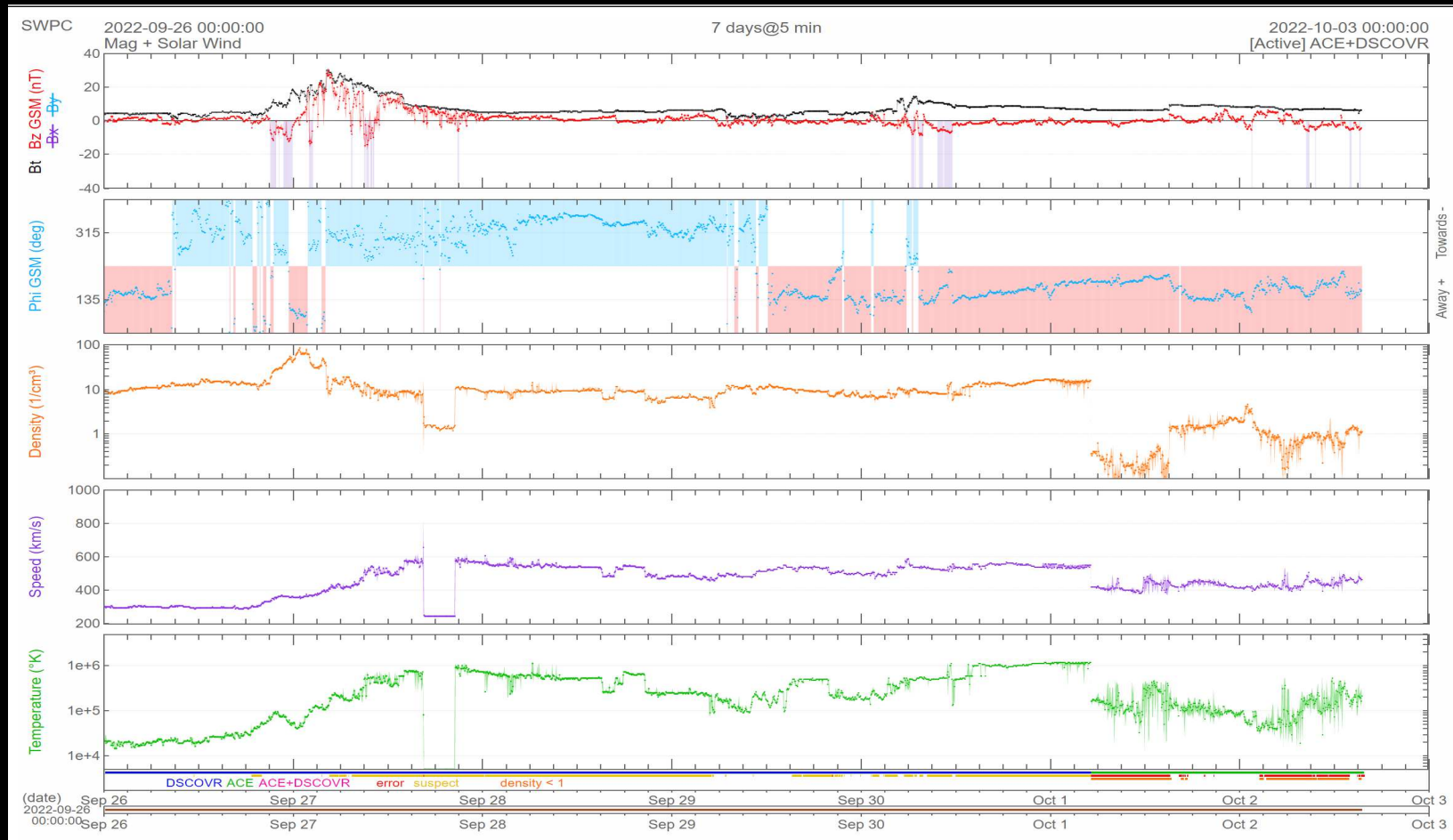


SDO/AIA 304 2022-09-30 13:38:54 UT

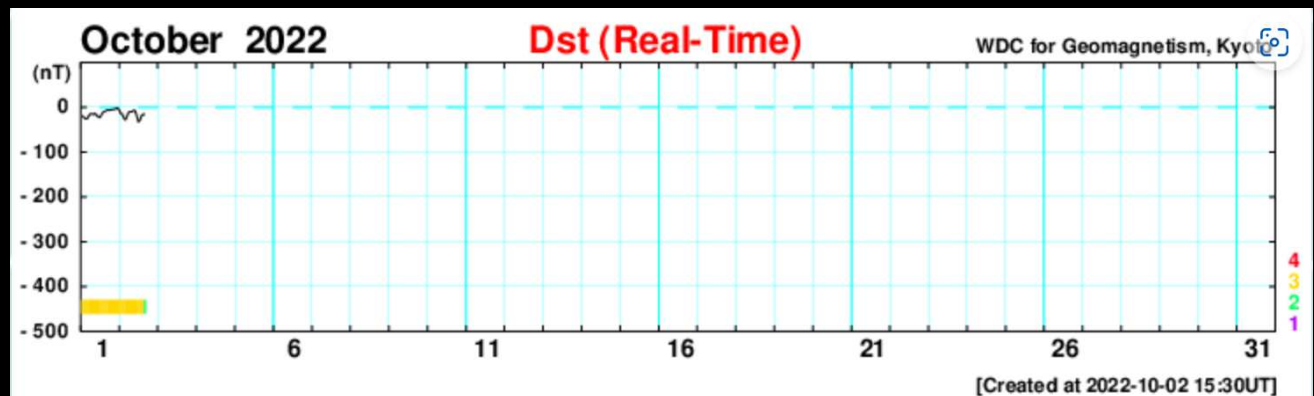
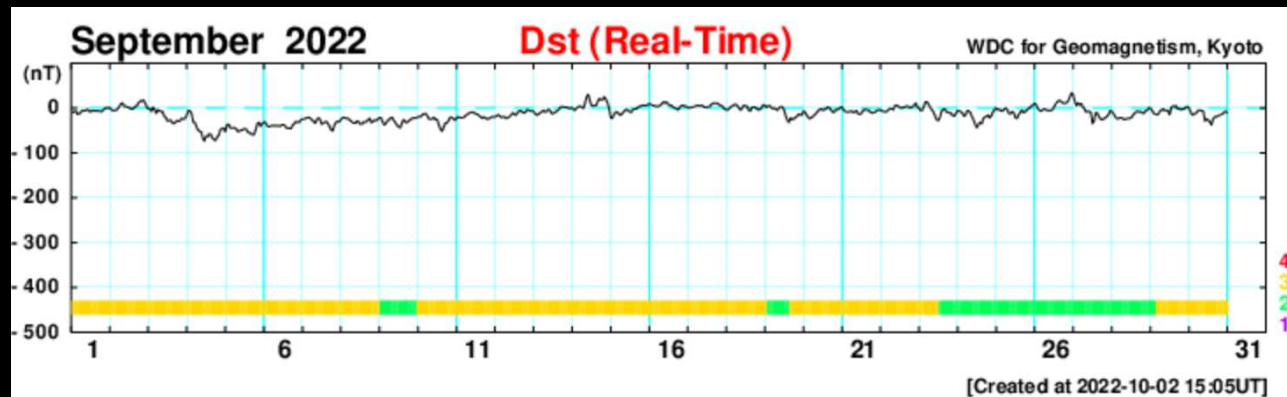


SDO/AIA 304 2022-10-01 08:18:06 UT

solar wind data



DST地磁擾動



太空新聞

Space News



Weight : 610kg (570kg while impact)

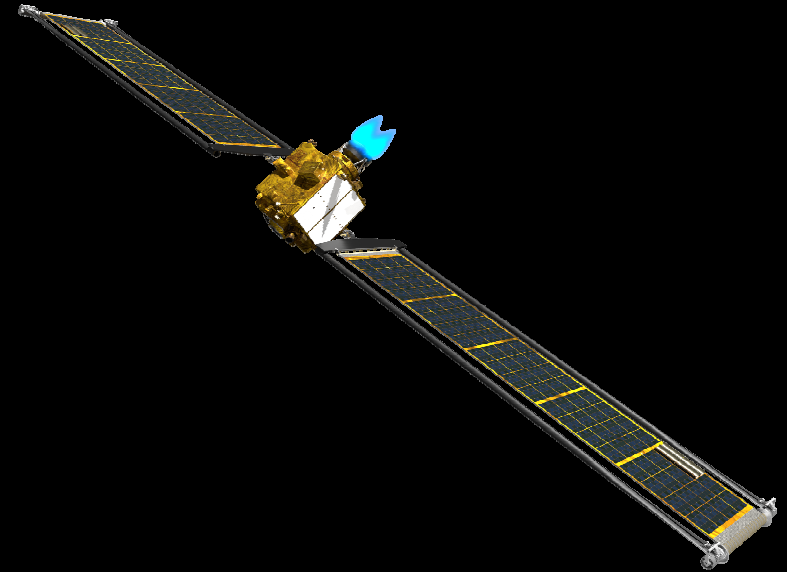
Size : $1.2 \times 1.3 \times 1.3$ meters (box)

Payload : DRACO, LICIACube

Speed : 6.1 km/s

ΔV : 0.4 mm/s

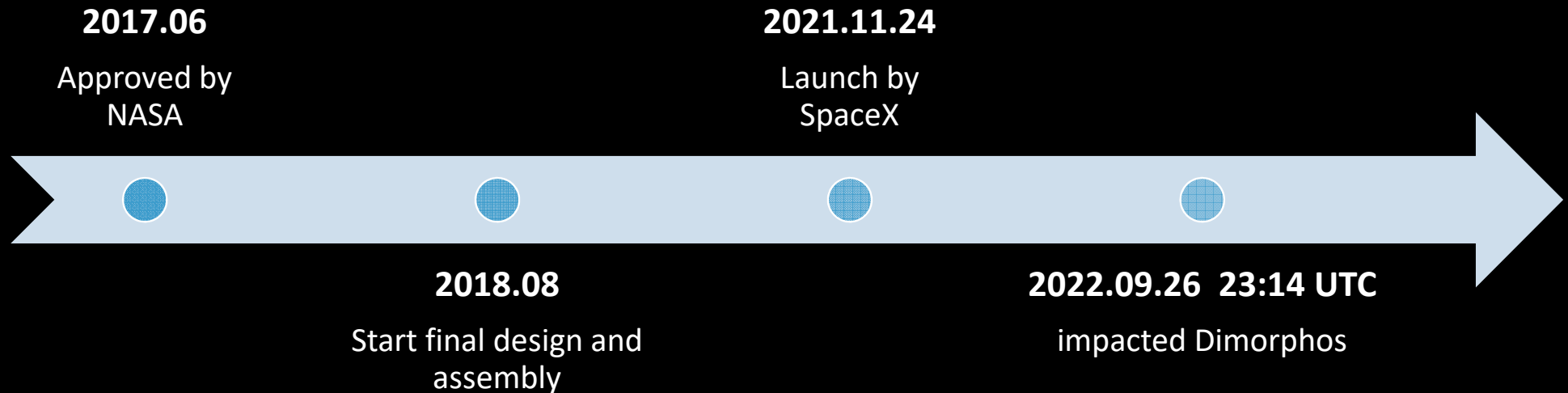
Result : roughly 1% (10 mins) slowing on orbital period



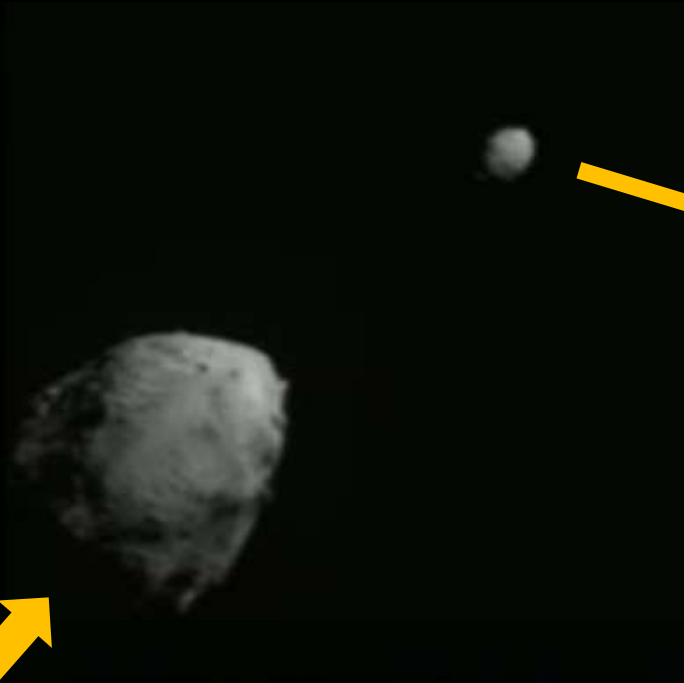


DART

Double Asteroid Redirection Test



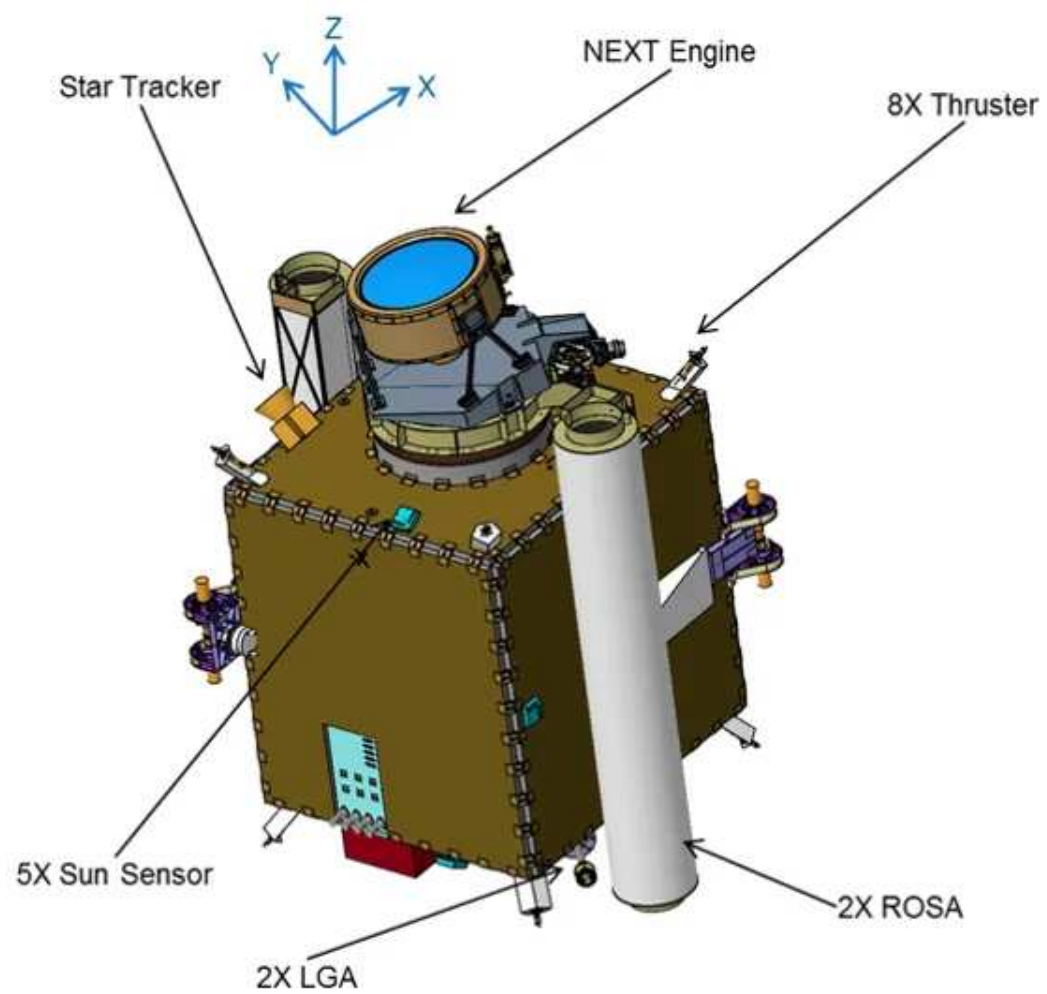
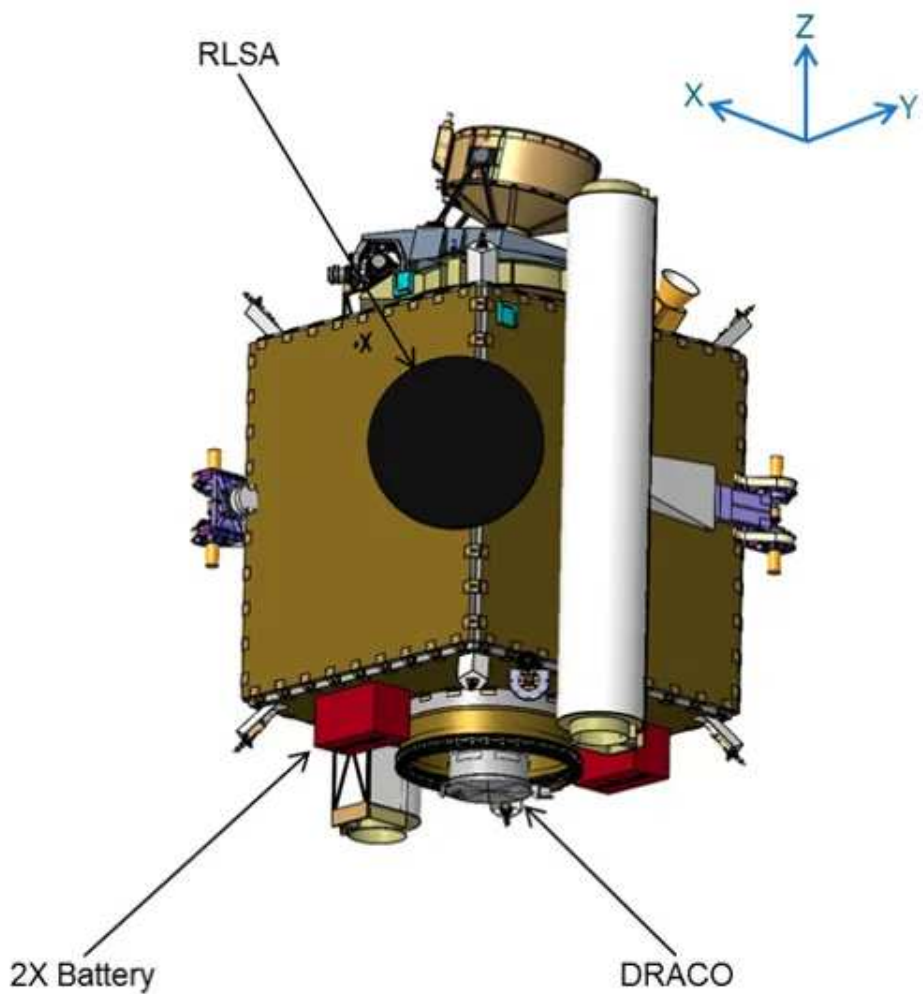
65803 Didymos



Didymos (780m)



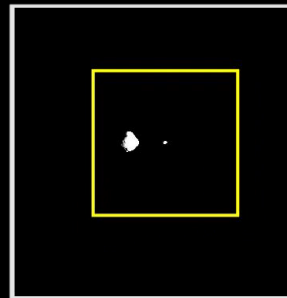
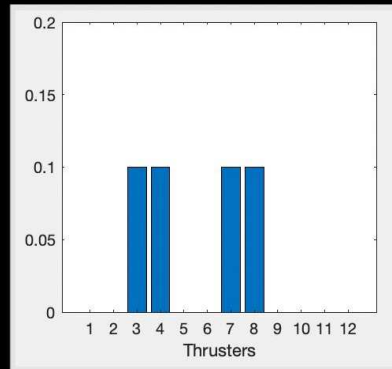
Dimorphos (160m)



Time to Impact: 00:04:34

30x Realtime

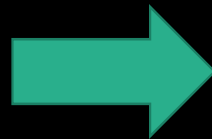
Tracks
Aimpoint
Zero Effort Miss

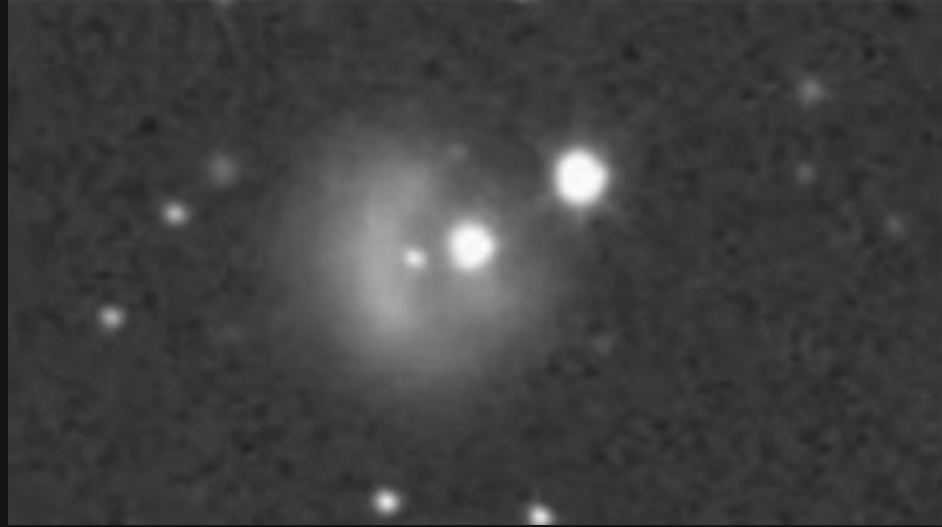


Processor Module



LICIACube





References

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- [6] LICIACube <https://en.wikipedia.org/wiki/LICIACube>
- [7] Scott Manley https://www.youtube.com/watch?v=hg4DiOmKIVM&ab_channel=ScottManley
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- [10] WDC Kyoto https://wdc.kugi.kyoto-u.ac.jp/dst_realtime/presentmonth/

謝謝大家

Thanks for your listening