

Crew Drakon

NASA-SPACEX









T- 00:09:46
SPACEX CREW DEMO-1

97.10% LOAD

SPACEX CREW DEMO-1

STARTING
LIFTING
AND GO

PROCEED





T- 00:03:26
SPACEX CREW DEMO-1





T-00:00:34
SPACEFLIGHT DEMO-1

STARTUP

THE FALCON 9 FLIGHT COMPUTERS HAVE
TAKEN CONTROL OF THE COUNTDOWN



















SPEED
900
MPH

ALTITUDE
6.0
KM

STAGE

EMETRY

SHORE CHILL

SYNCHRONIZE
RETRACT

STARTUP

ENTER 1

ENTER 2

ENTER 3

ENTER 4

ENTER 5

ENTER 6

ENTER 7

ENTER 8

ENTER 9

ENTER 10

ENTER 11

ENTER 12

ENTER 13

ENTER 14

ENTER 15

ENTER 16

ENTER 17

ENTER 18

ENTER 19

ENTER 20

ENTER 21

ENTER 22

ENTER 23

ENTER 24

ENTER 25

ENTER 26

ENTER 27

ENTER 28

ENTER 29

ENTER 30

ENTER 31

ENTER 32

ENTER 33

ENTER 34

ENTER 35

ENTER 36

ENTER 37

ENTER 38

ENTER 39

ENTER 40

ENTER 41

ENTER 42

ENTER 43

ENTER 44

ENTER 45

ENTER 46

ENTER 47

ENTER 48

ENTER 49

ENTER 50

ENTER 51

ENTER 52

ENTER 53

ENTER 54

ENTER 55

ENTER 56

ENTER 57

ENTER 58

ENTER 59

ENTER 60

ENTER 61

ENTER 62

ENTER 63

ENTER 64

ENTER 65

ENTER 66

ENTER 67

ENTER 68

ENTER 69

ENTER 70

ENTER 71

ENTER 72

ENTER 73

ENTER 74

ENTER 75

ENTER 76

ENTER 77

ENTER 78

ENTER 79

ENTER 80

ENTER 81

ENTER 82

ENTER 83

ENTER 84

ENTER 85

ENTER 86

ENTER 87

ENTER 88

ENTER 89

ENTER 90

ENTER 91

ENTER 92

ENTER 93

ENTER 94

ENTER 95

ENTER 96

ENTER 97

ENTER 98

ENTER 99

ENTER 100

T+00:20:52

SPACE SHUTTLE DEMO 1









SPEED
1102
KPH

ALTITUDE
9.6
KM

STAGE 2 TELEMETRY

T+00:01:05
SPACEX CREW DEMO-1



MAX-Q
FALCON 9 IS NOW EXPERIENCING MAX-Q OR
MAXIMUM AERODYNAMIC PRESSURE



SPEED
1853
KM/H

ALTITUDE
18.0
KM

STAGE 2 TELEMETRY



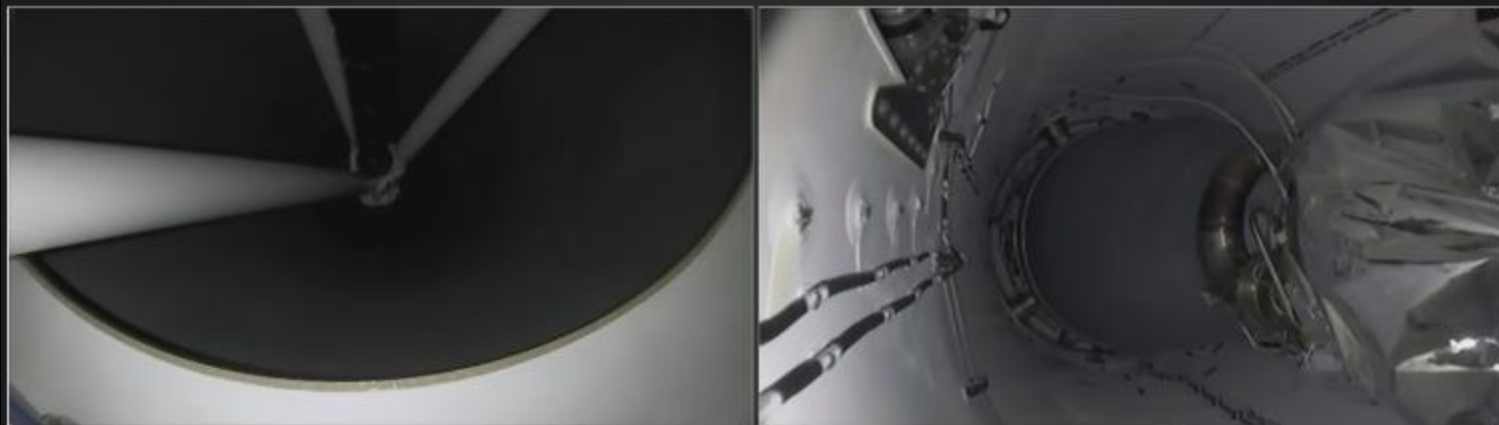
T+00:01:27
SPACEX CREW DEMO-1



SPEED
4111
ALTITUDE
45.6
STAGE
METRY





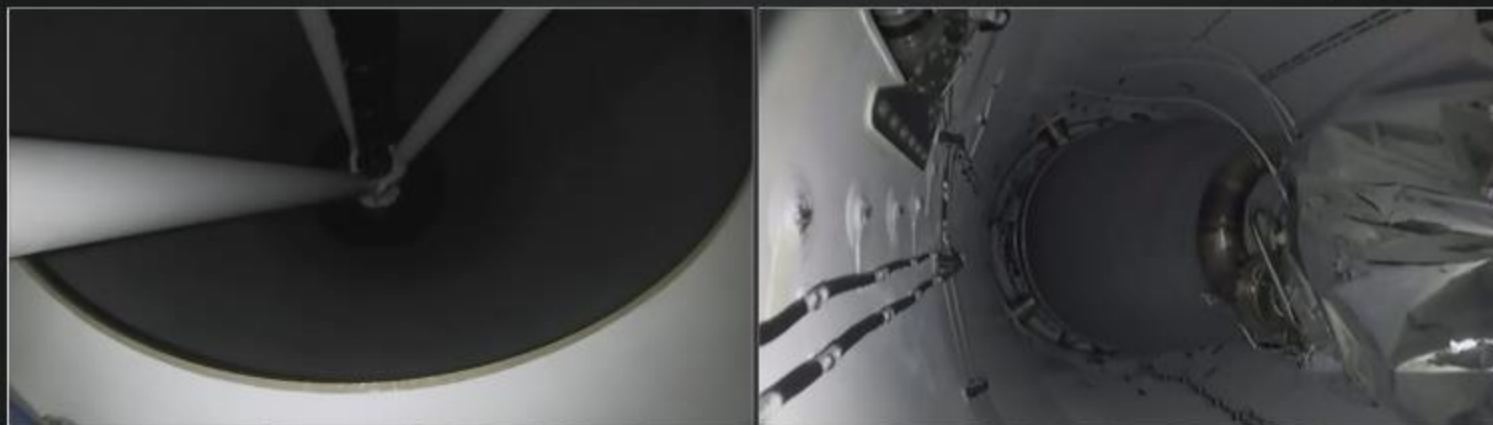


SPEED
6649
MPH

ALTITUDE
81.6
KM

STAGE
EMETRY





SPEED
6769
MPH
ALTITUDE
84.0
KM
STAGE CC METRY



MECO

STAGE 2 MAIN ENGINE CUTOFF





SPEED
6717
M/H

ALTITUDE
89.1
K/H

STAGE
METRY



MECO
STAGE 1 MAIN ENGINE CUTOFF





SPEED
6656
MPH

ALTITUDE
92.5
KM

▶ STAGE CC METRY



STAGE SEP
STAGE 1 HAS SEPARATED AND WILL BEGIN
ITS JOURNEY BACK TO EARTH





SPEED
6559
ALTITUDE
98.2
STAGE
BATTERY



T+00:22:48
SPACEFLIGHT DEMO-1

SES-1
SECOND ENGINE START 1 - THE MERLIN 1D
VACUUM ENGINE HAS STARTED UP.





SPEED
6560
MPH
ALTITUDE
98.0
FT
STAGE
METRY



T+00:22:48



SES-1

SECOND ENGINE START 1 - THE MERLIN 1D
VACUUM ENGINE HAS STARTED UP





SPEED
6569
MPH

ALTITUDE
104
FT

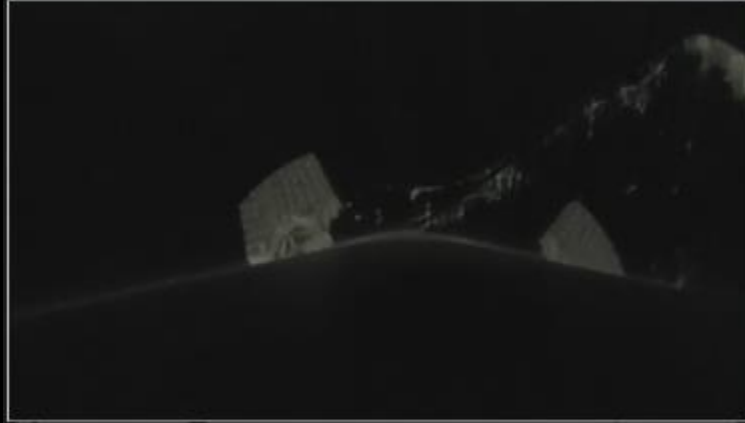
STAGE
CC

ENERGY



SES-1
SECOND ENGINE START 1 - THE MERLIN 1D
VACUUM ENGINE HAS STARTED UP





SPEED
6643
MPH

ALTITUDE
119
KM

STAGE **CHMETRY**



T+00:23:05

SPACE SHUTTLE CHALLENGER-1





SPEED
6580
MPH

ALTITUDE
107
KM

▶ STAGE CHMETRY



SES-1
SECOND ENGINE START 1 - THE MERLIN 1D
VACUUM ENGINE HAS STARTED UP





SPEED
6664
MPH

ALTITUDE
123
KFT

▶ STAGE CC EMETRY



T+00:23:08
SPACE SHUTTLE CHALLENGER-1







SPEED
9484
KPH
STAGE 2 TELEMETRY

ALTITUDE
214
KM



T+00:05:14
SPACEX CREW DEMO-1



SPEED
10610
MPH

ALTITUDE
219
KM

STAGE
METRY





STAGE



TELEMETRY

SPEED
13031

ALTITUDE
220



T+00:26:26
SPACEFLIGHT DEMO-1







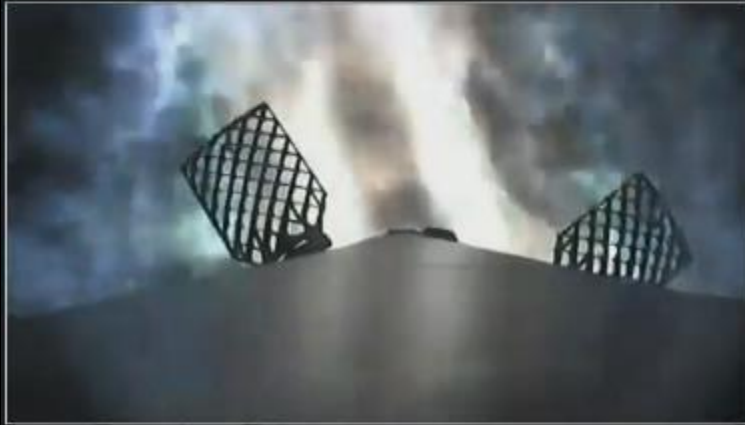


STAGE 1 DOWNLINK
LAUNCH COMPLEX 39A



T+00:09:38
SPACEX CREW DEMO-1



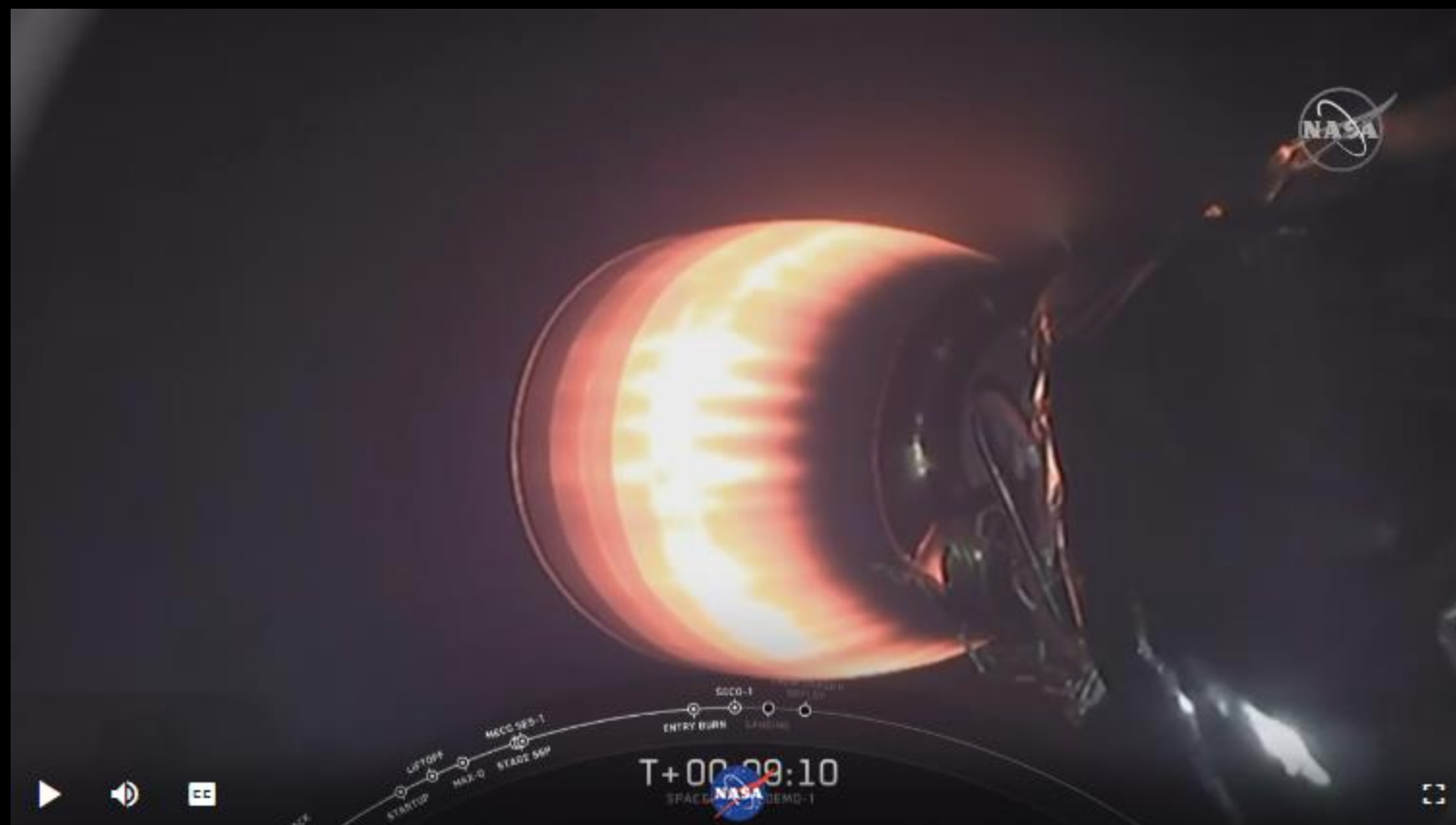


SPEED
19406
MPH

ALTITUDE
205
KM

STAGE
EMETRY











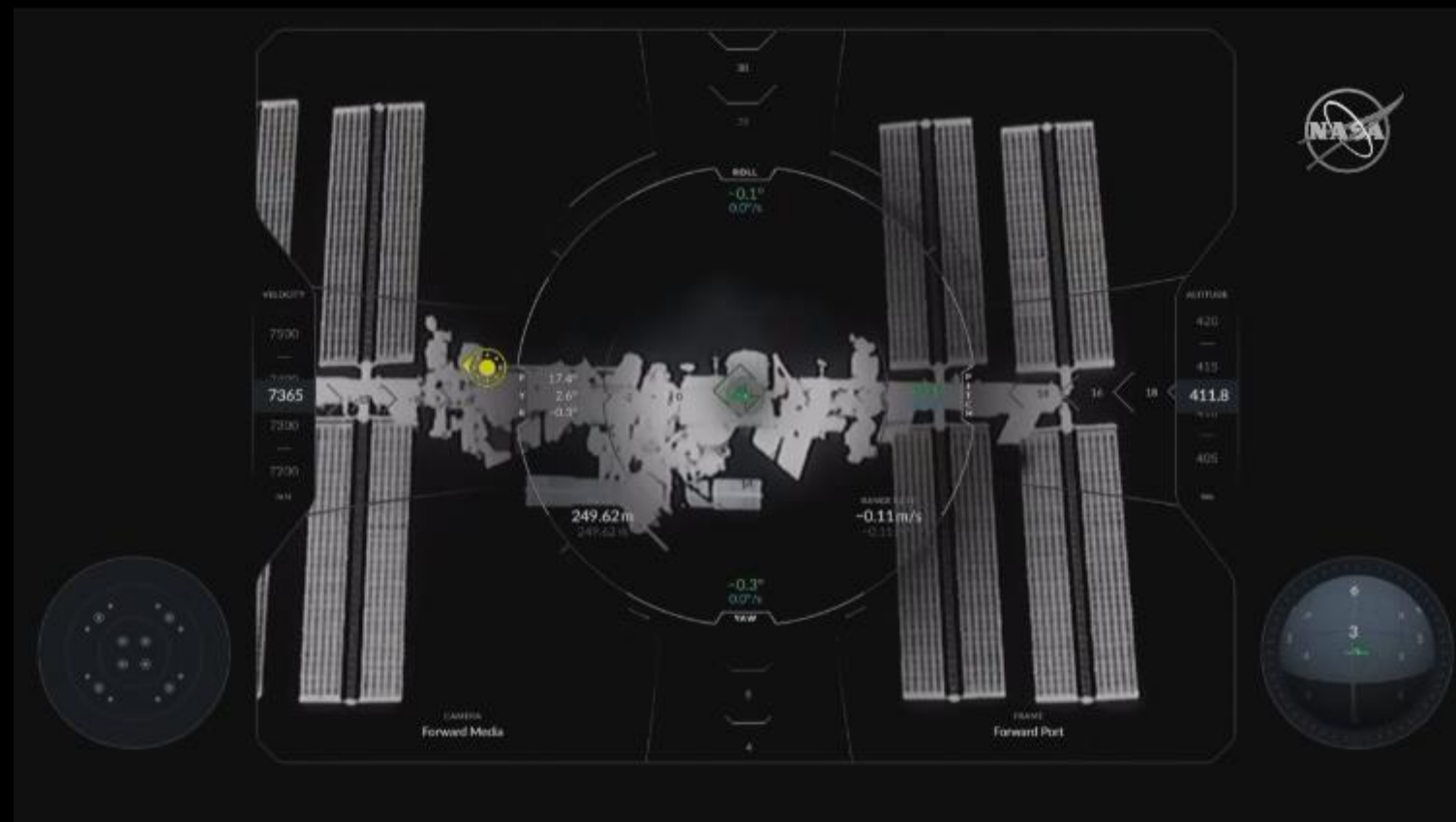


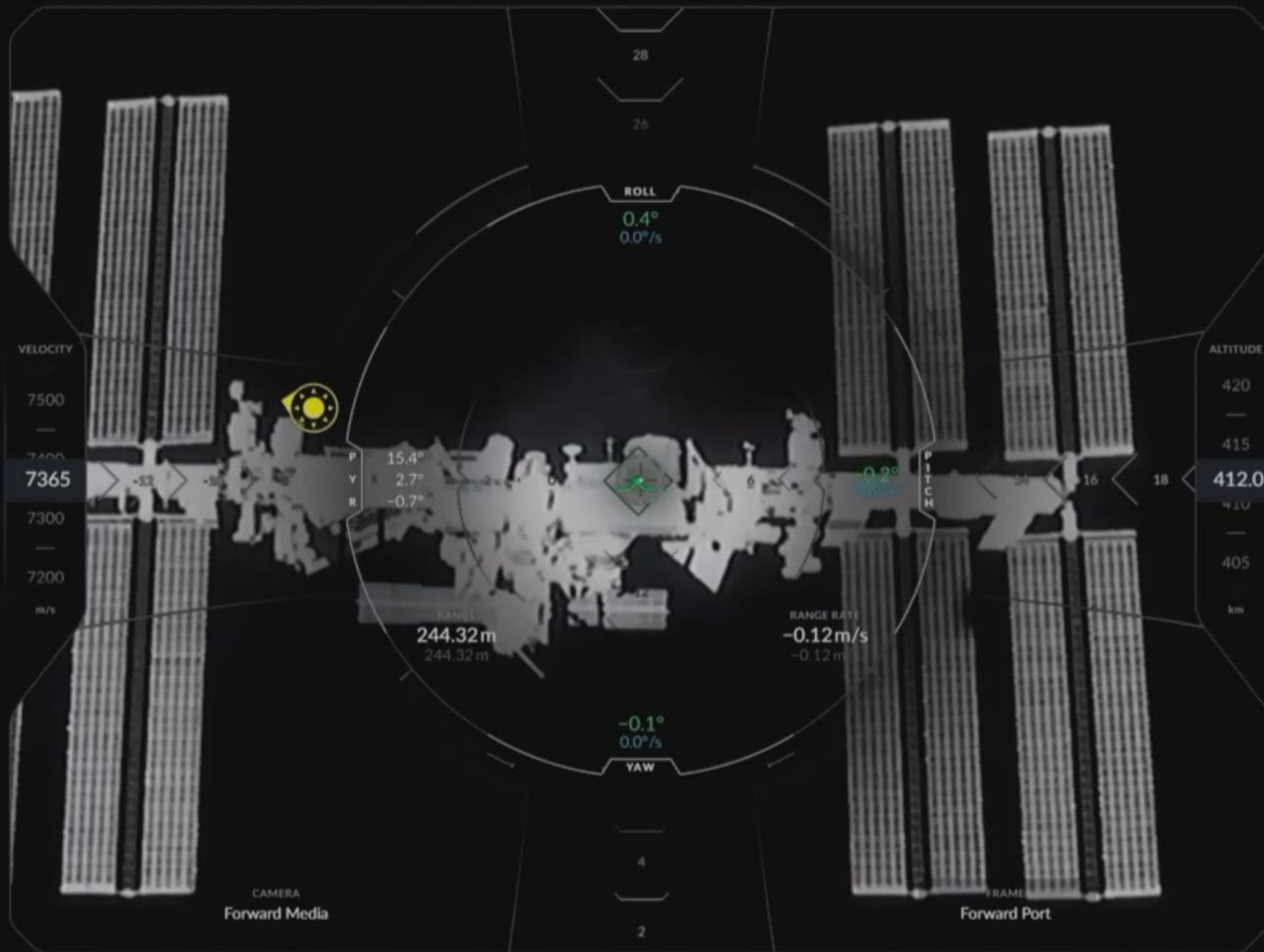


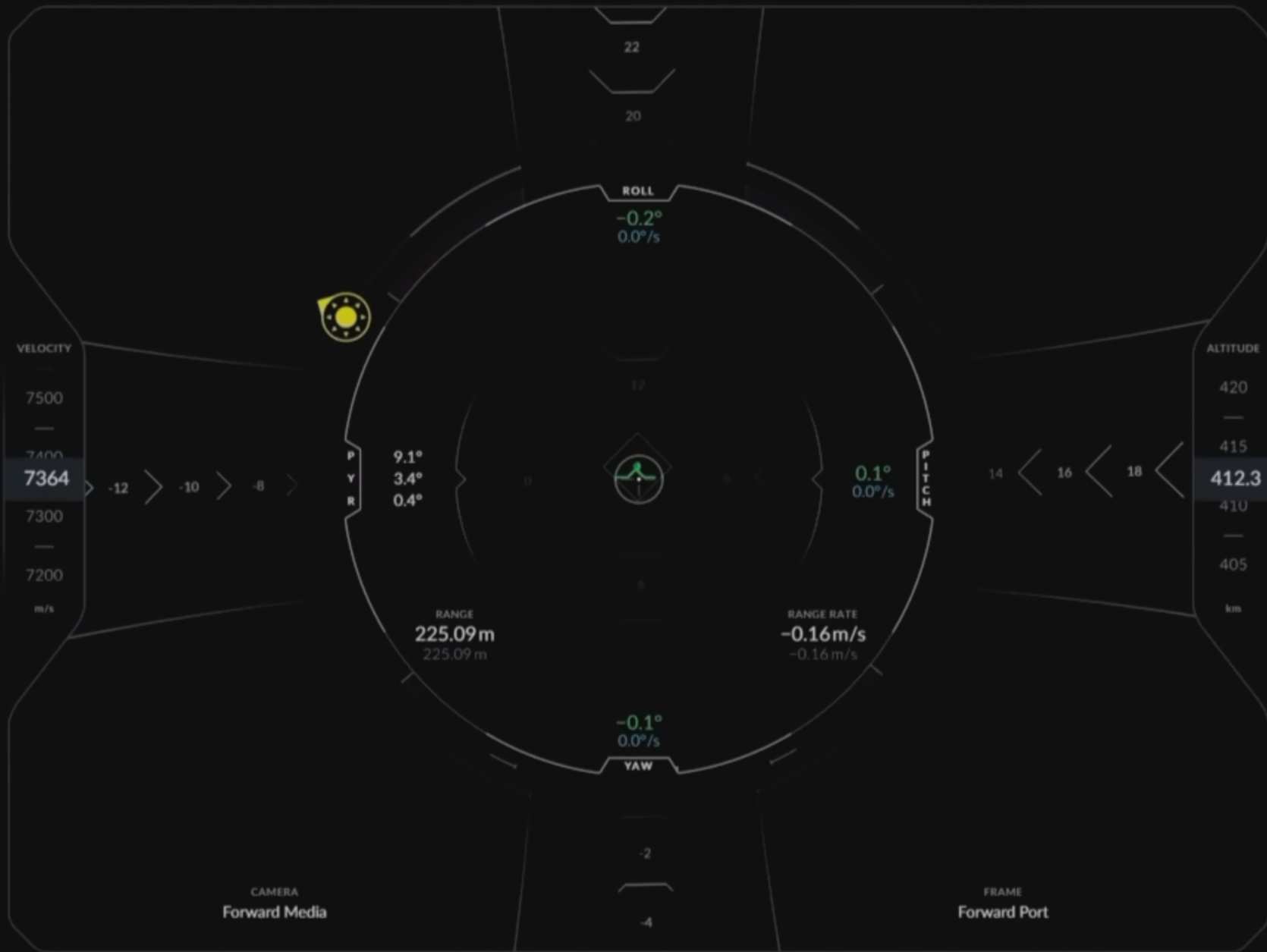
DRAGON



ACOPLAMIENTO A ISS



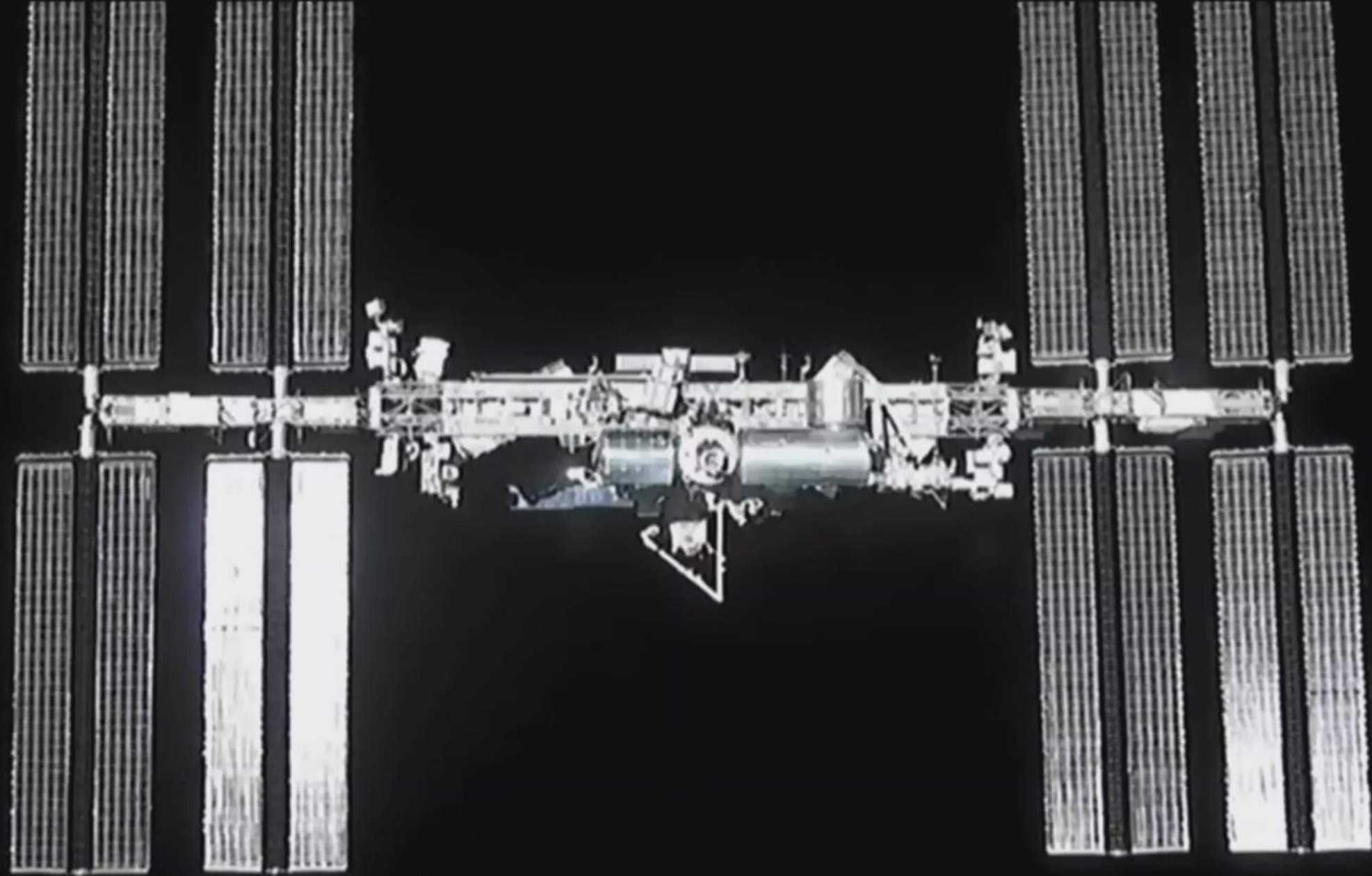




CAMERA
Forward Media

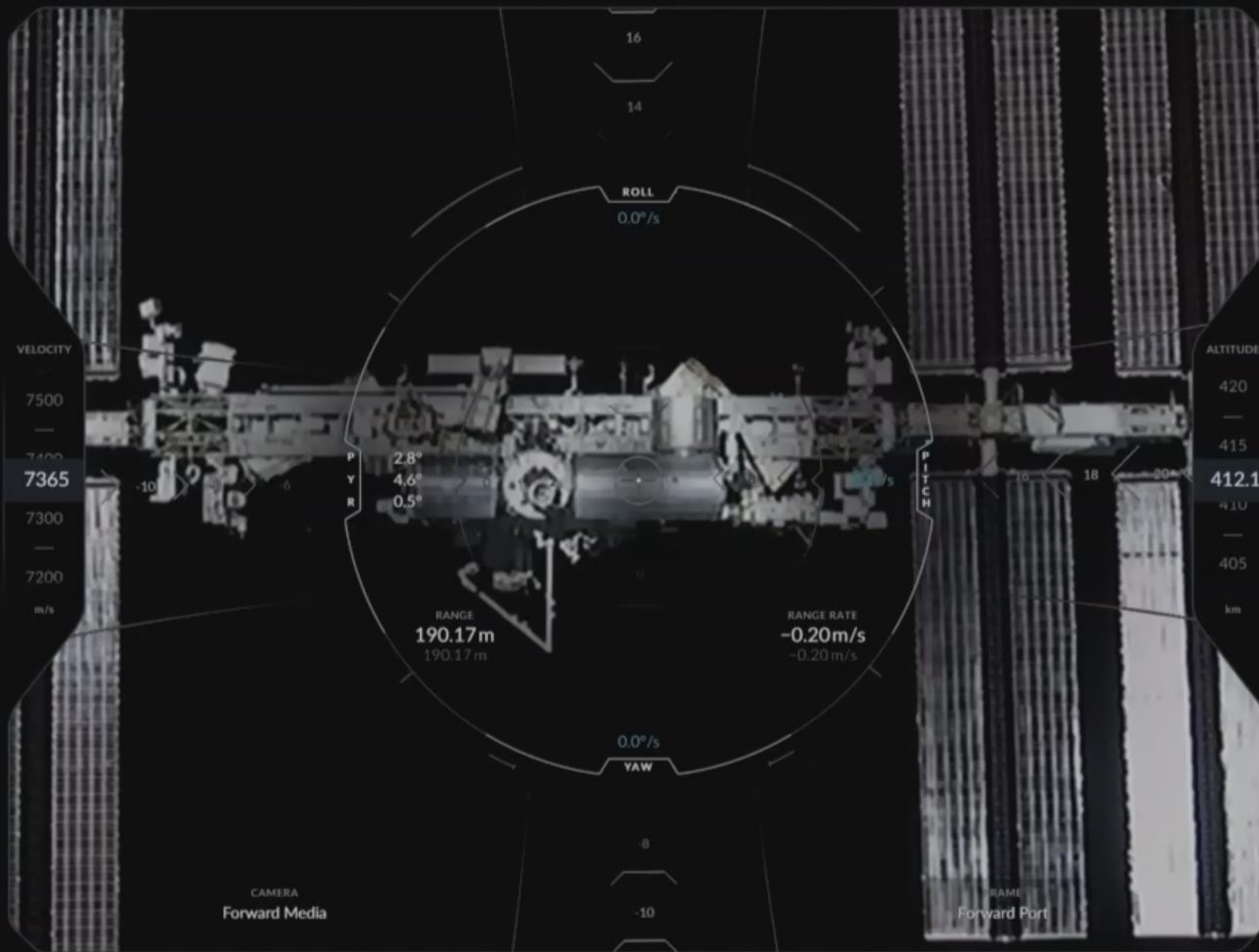
FRAME
Forward Port

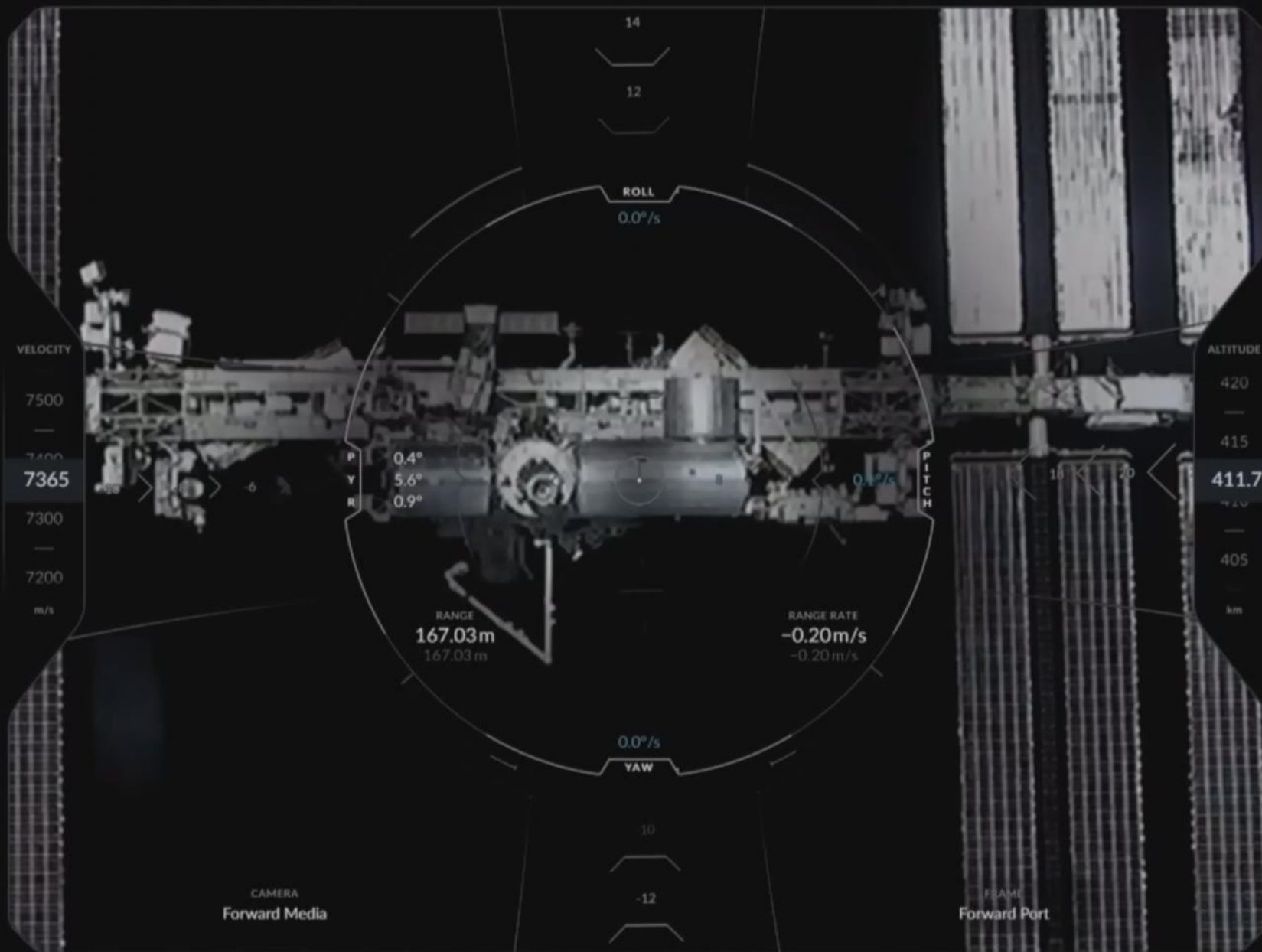




SPACEX ENCODER 1

2019-03-03 09:55:08:19





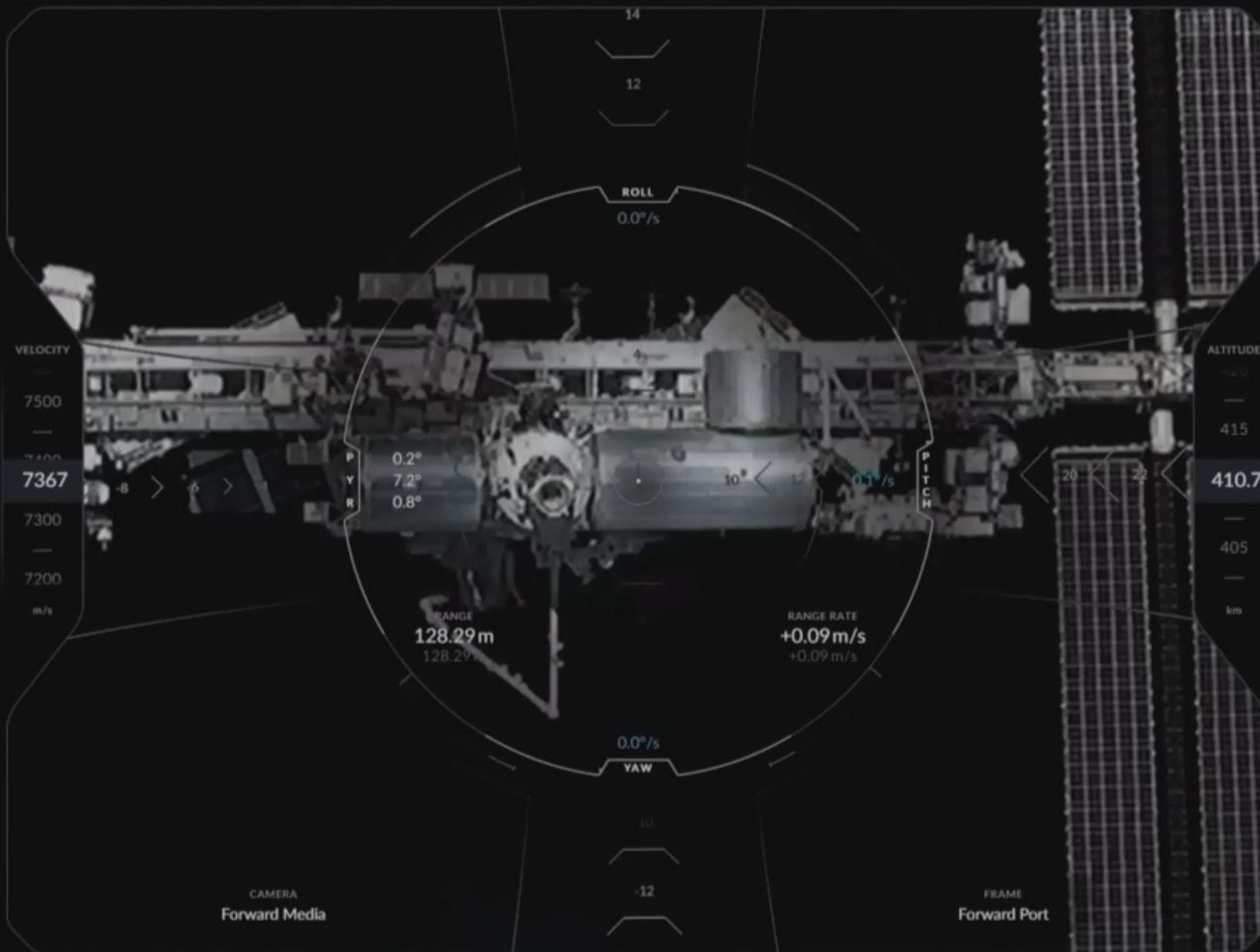


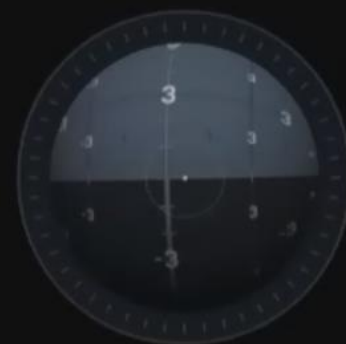
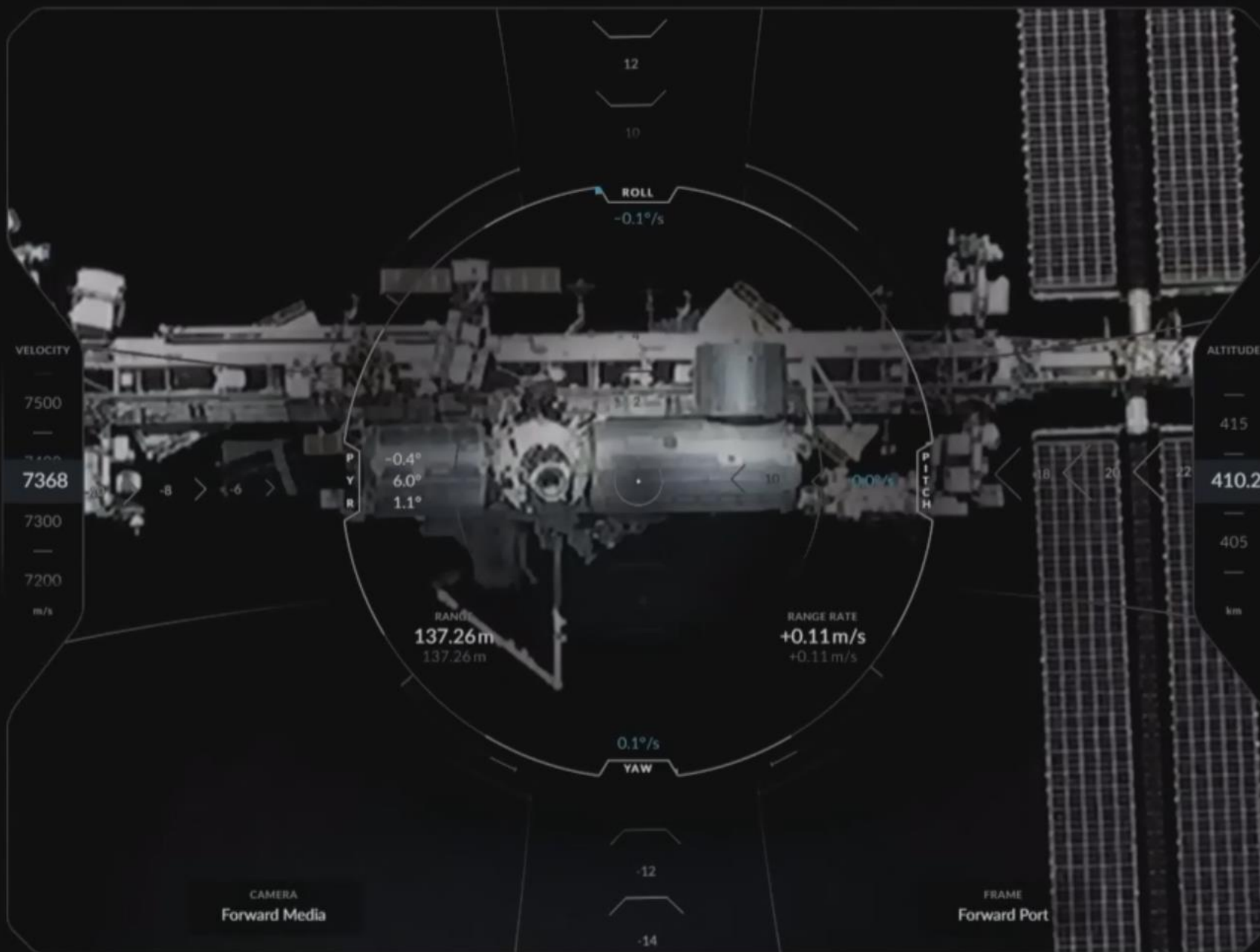
SPACEX ENCODER 1

2019-03-03 09:59:08:18



SPACEX ENCODER 1
2019-03-03 09:59:37:16





MISSION TIME

T+001/02:16:33

VELOCITY

7.670 km/s

ALTITUDE

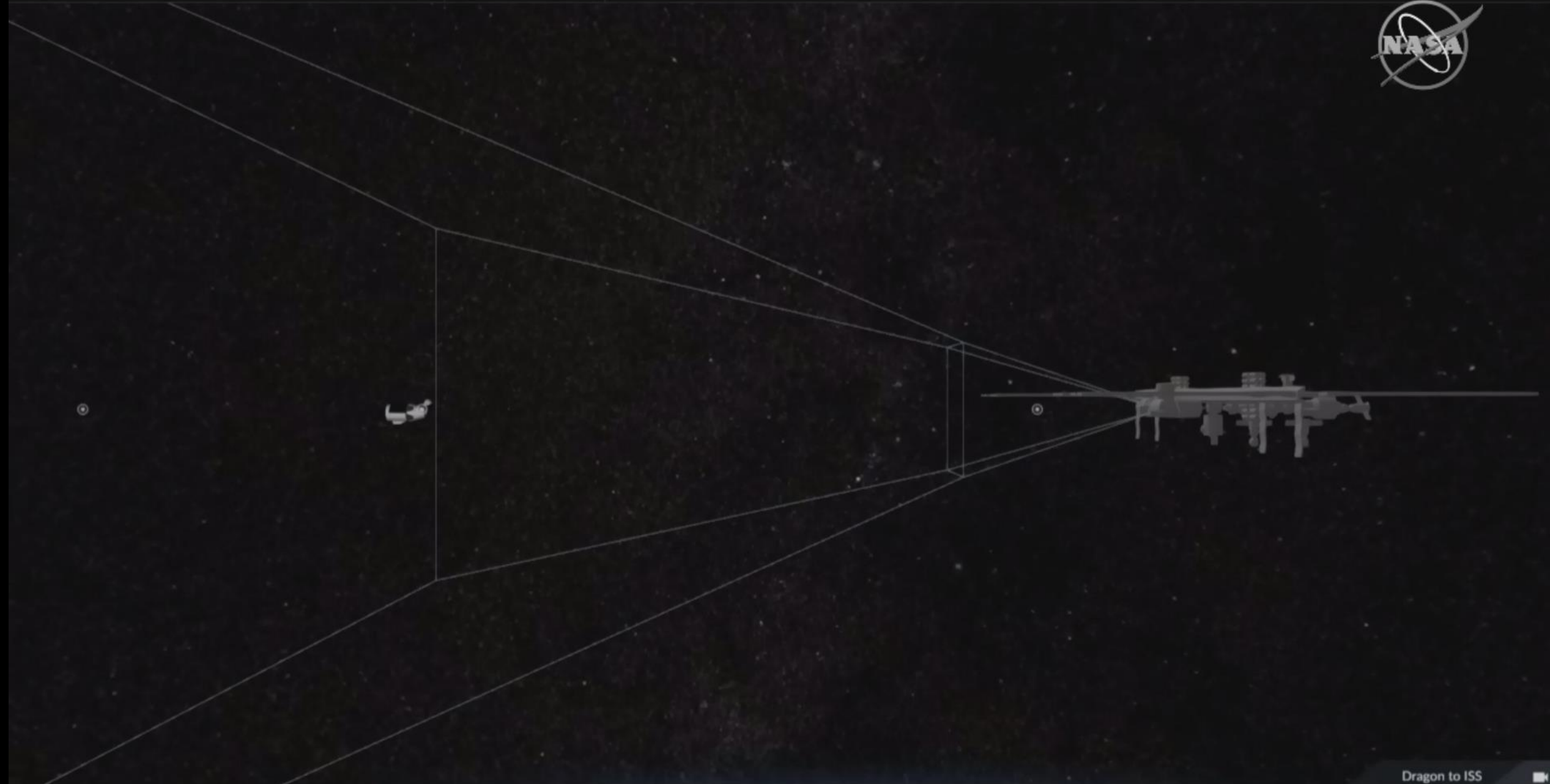
409.2 km

RANGE TO ISS

0.15 km

MISSION

NASA Crew Demo-1



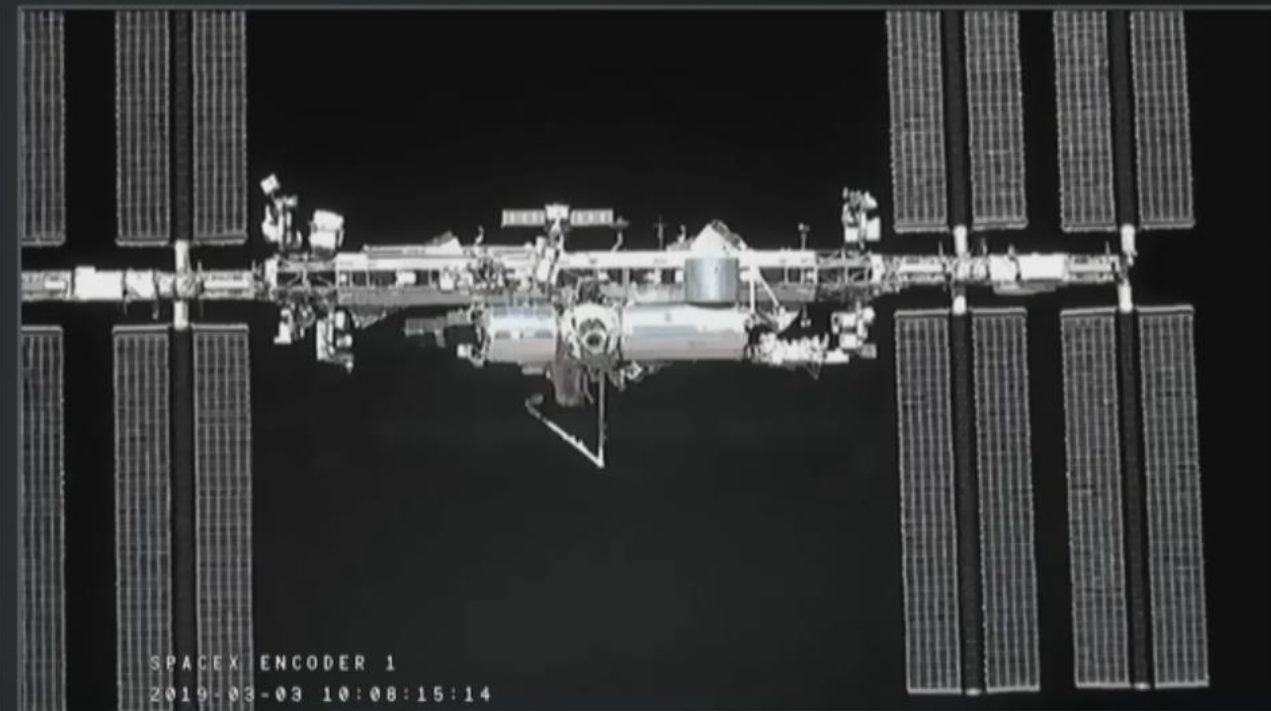
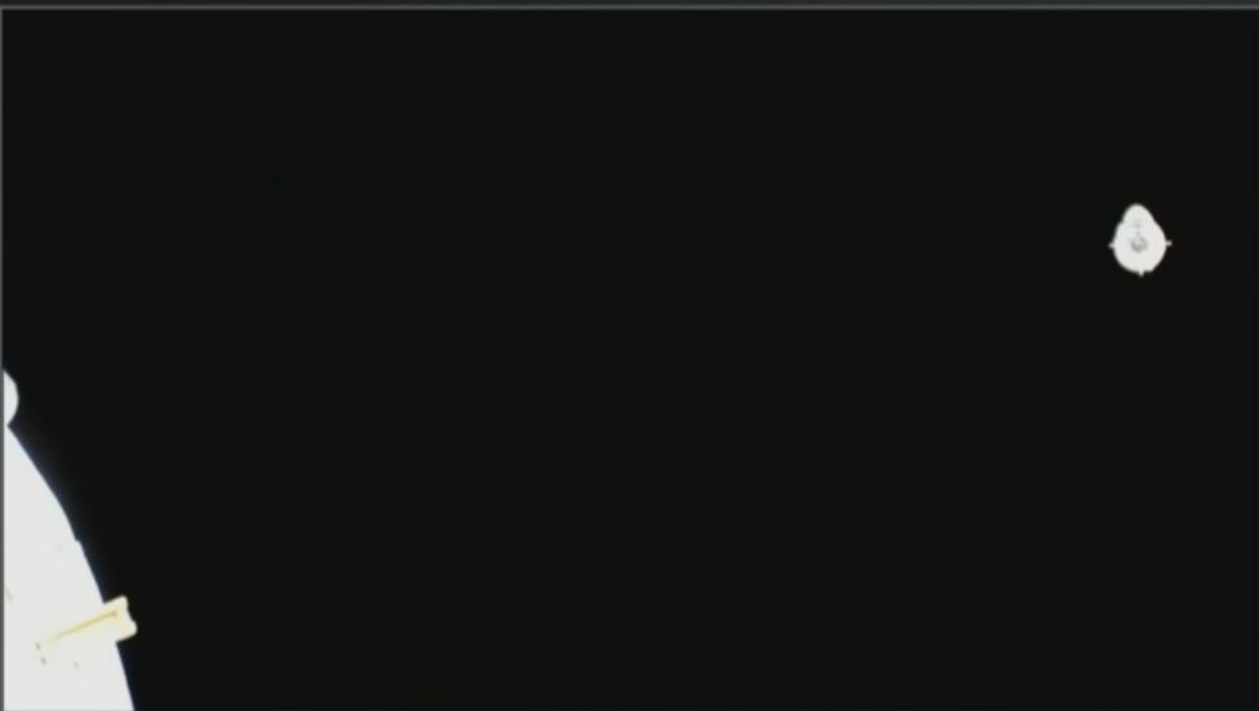
Dragon to ISS











NASA DEMO-1 FLIGHT TEST



Pri Sensor
LIDAR 1 Time of Flight
Rng 176.43 m
Rate -0.003 m/s

Docking System

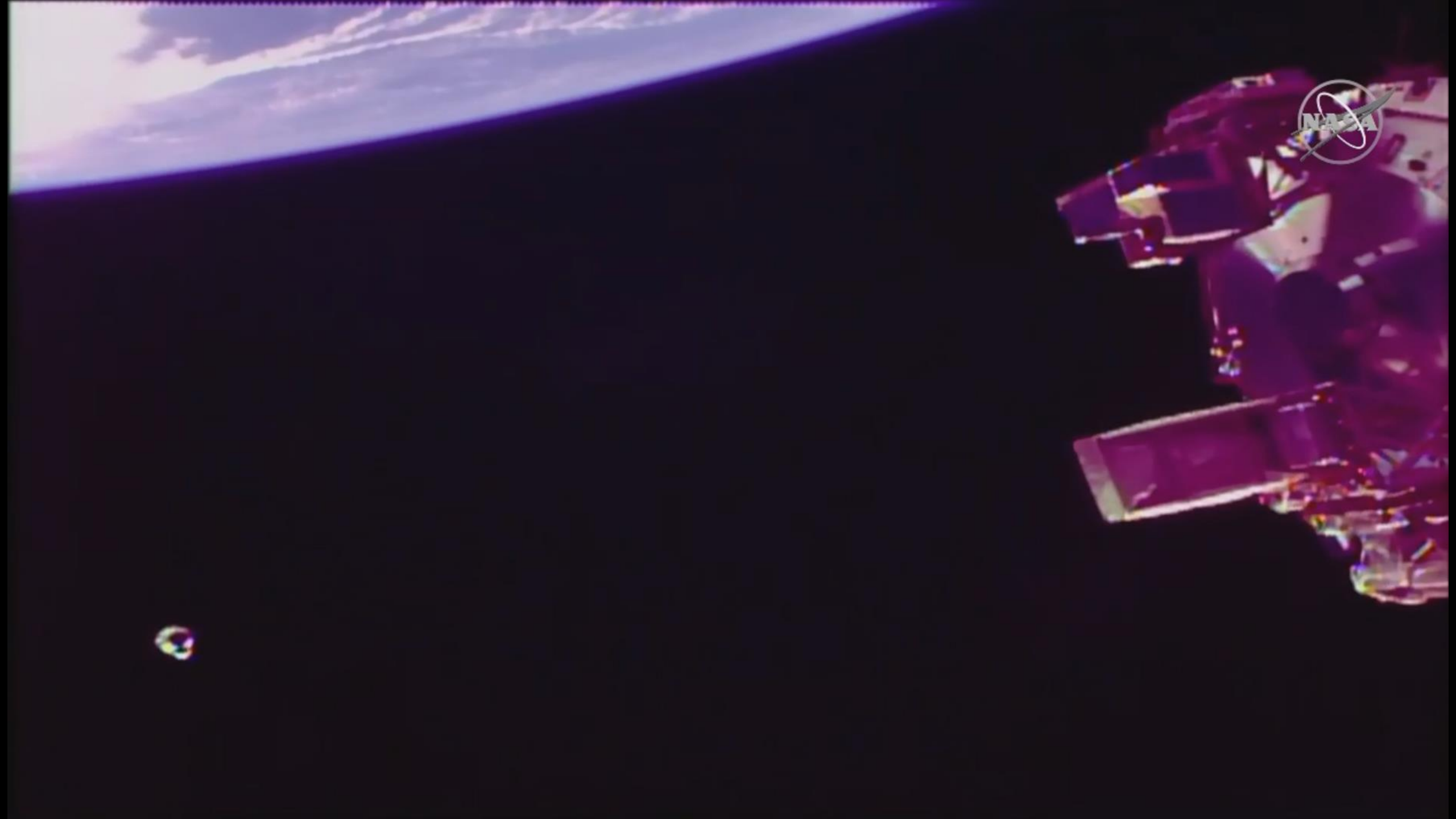
Ready

Sec Sensor
LIDAR 1 Geometry

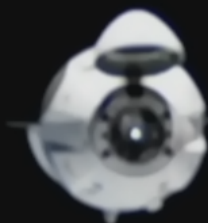
VV Mode
Hold
Rel Pos, m
Y -8.03
Z 0.62
Rel Att, deg
Y -2.37
P 0.32
R -0.78

Zoom factor: 1.0x
Mission Time:

001/02:25:05





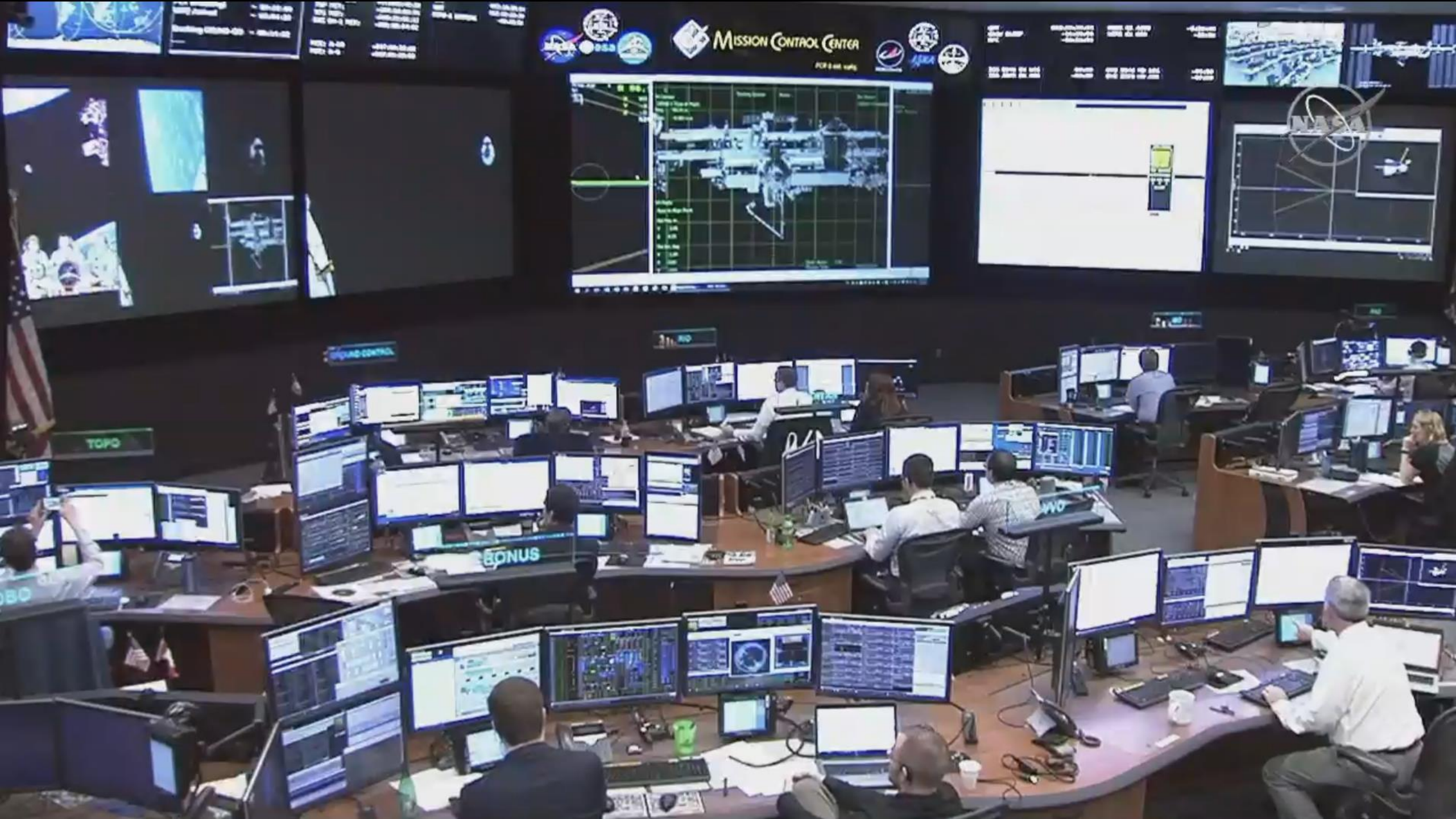


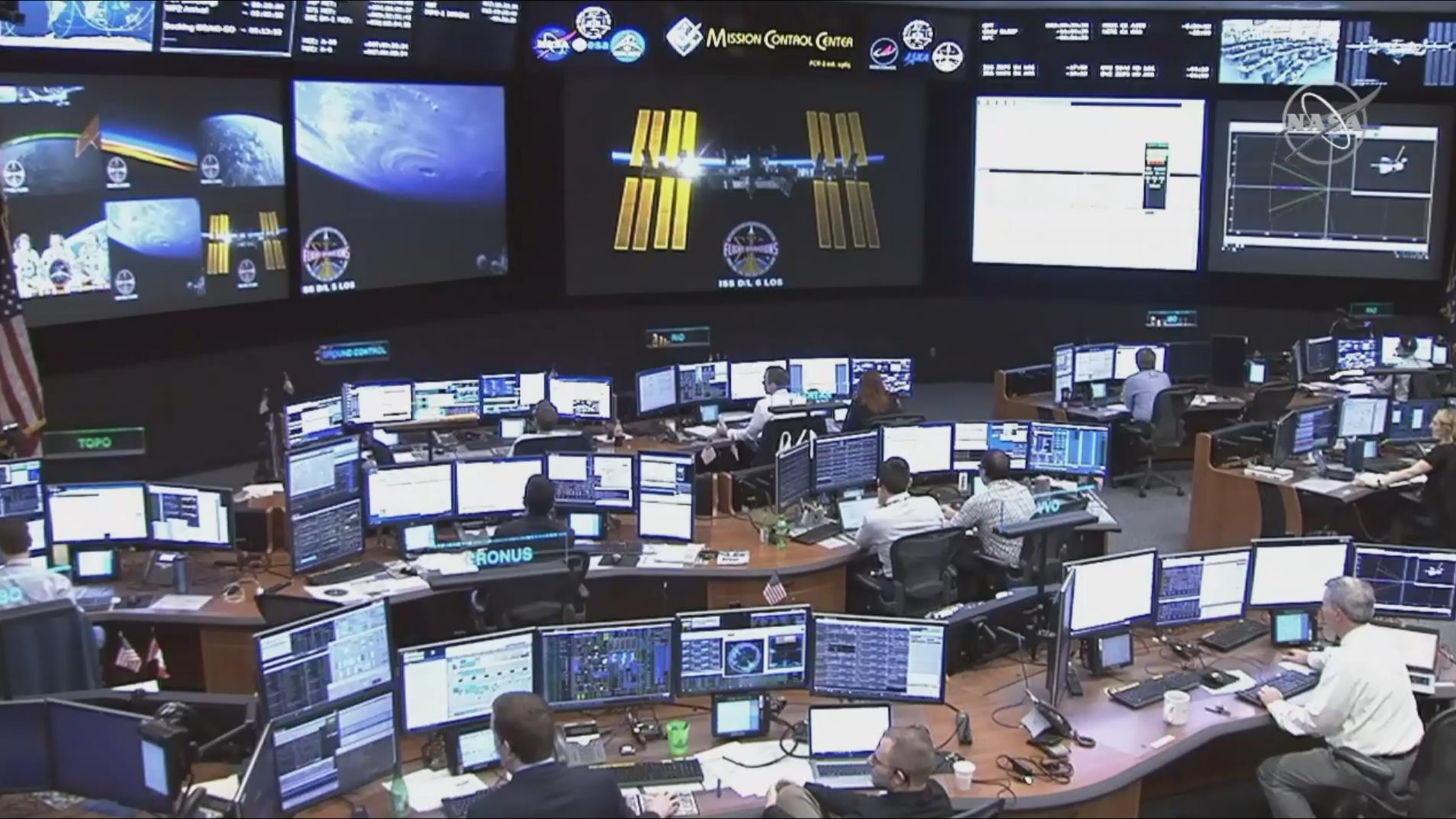


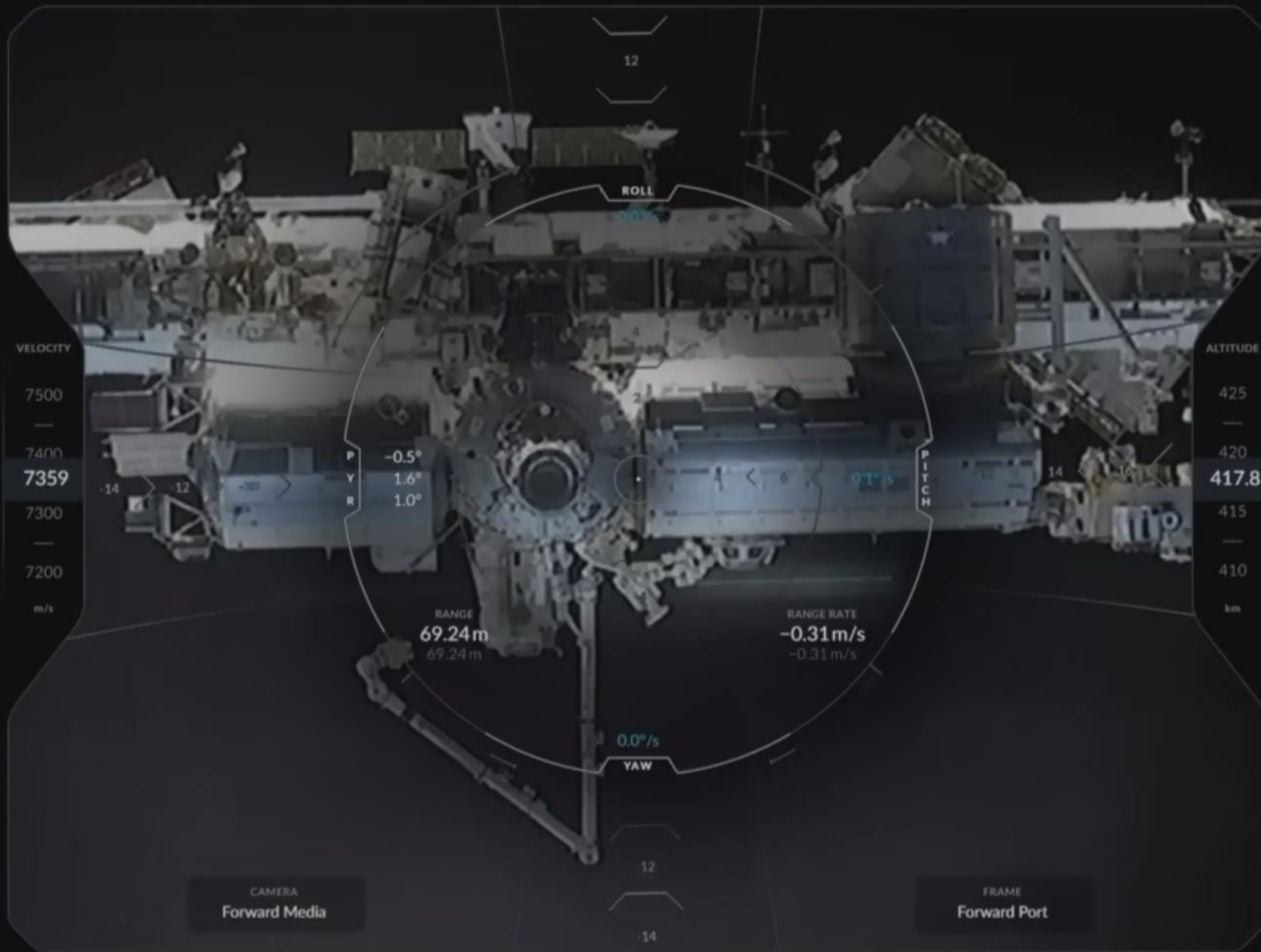


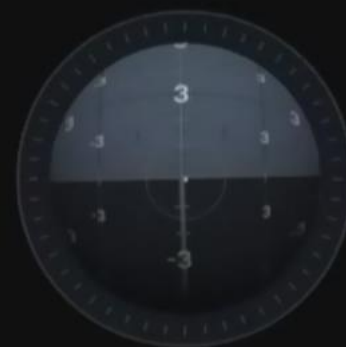
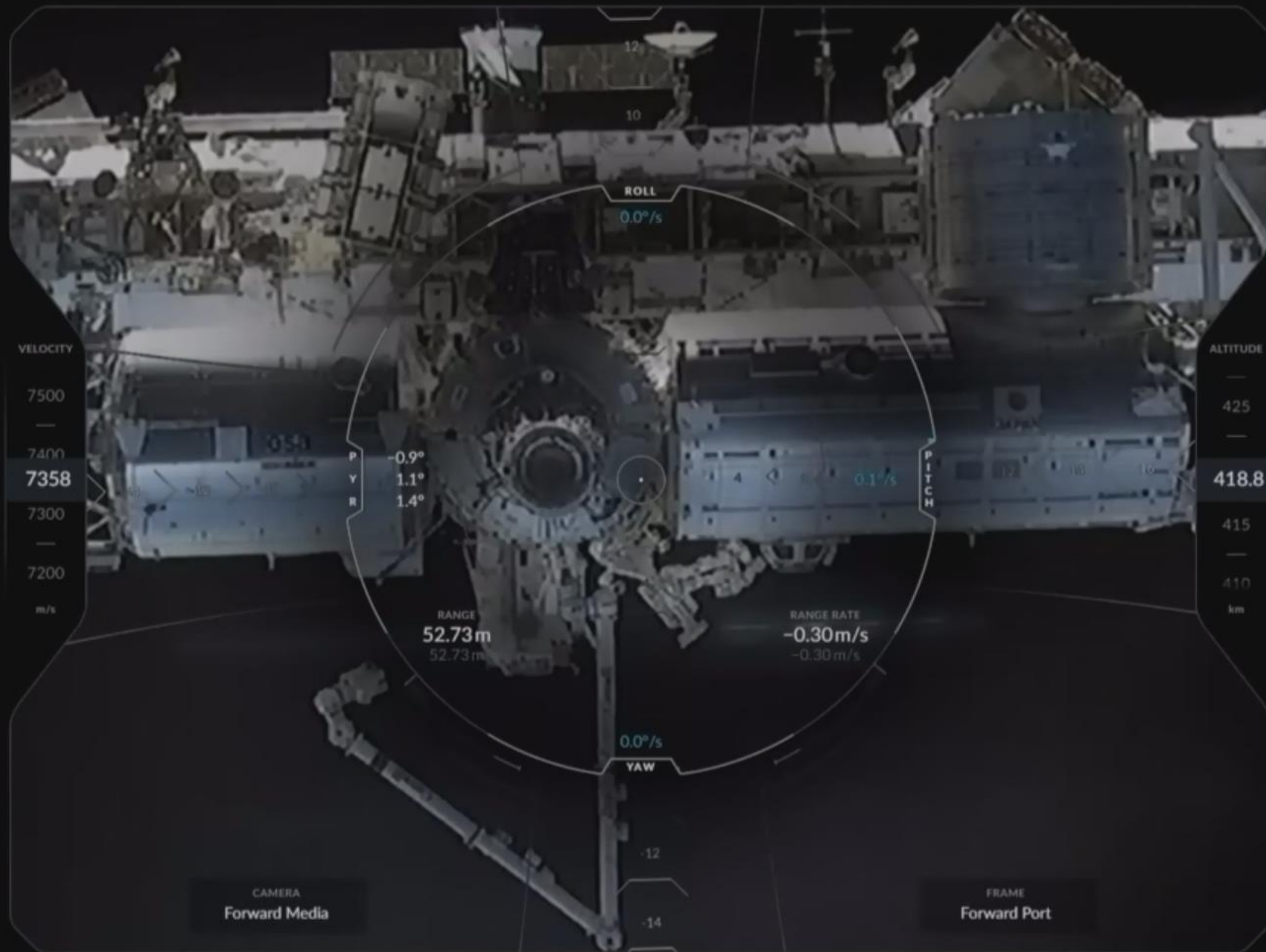


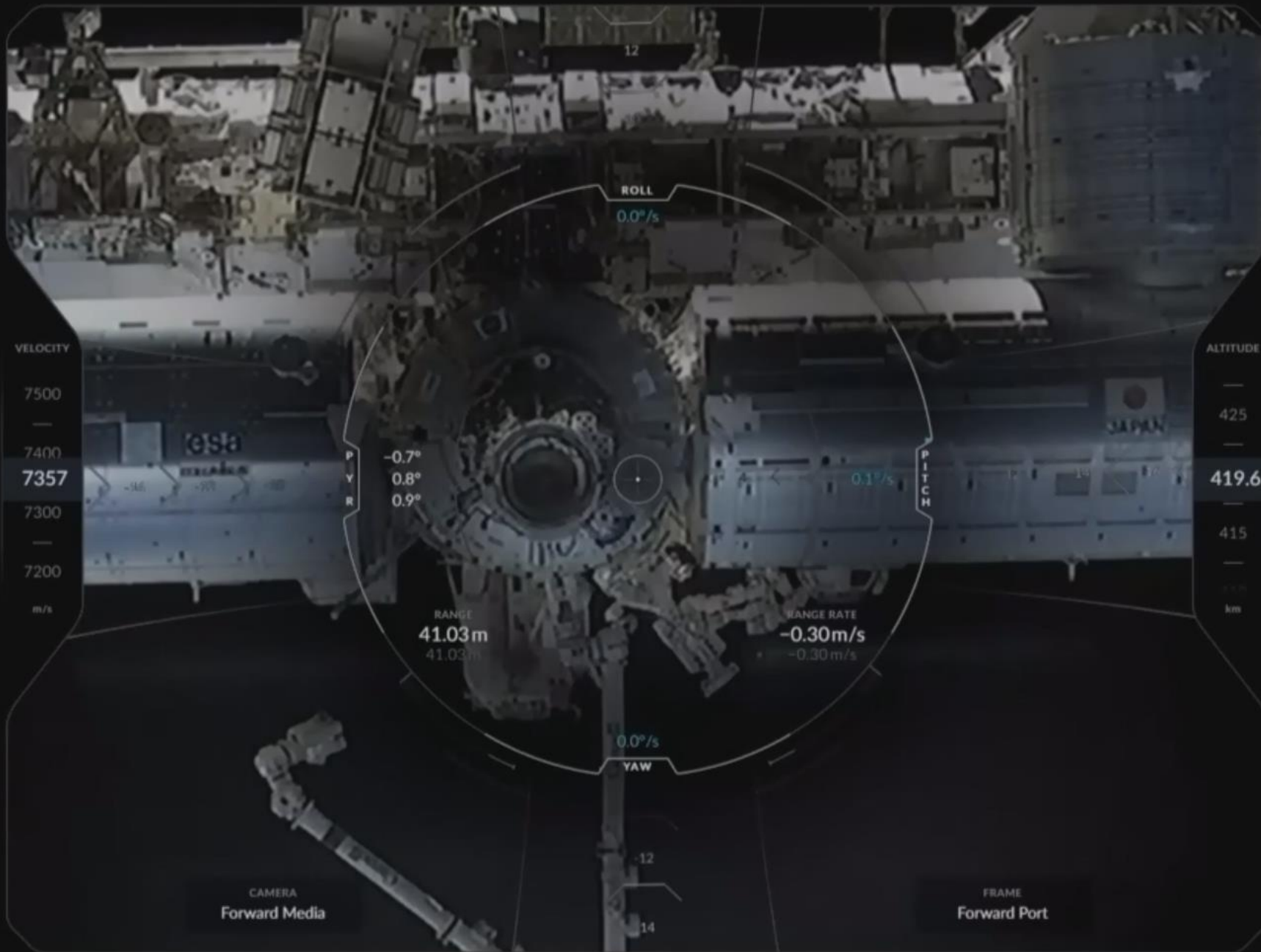




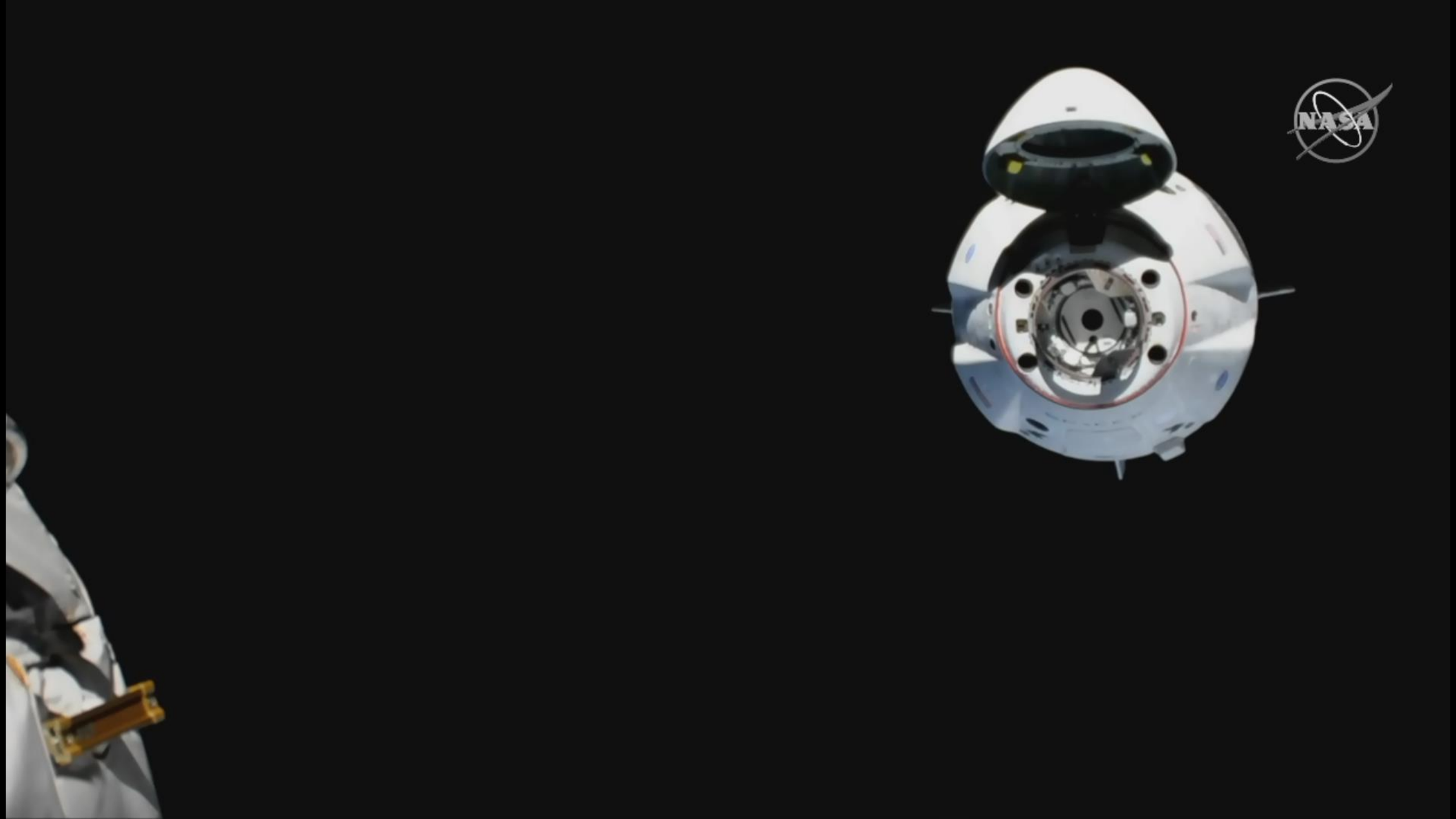


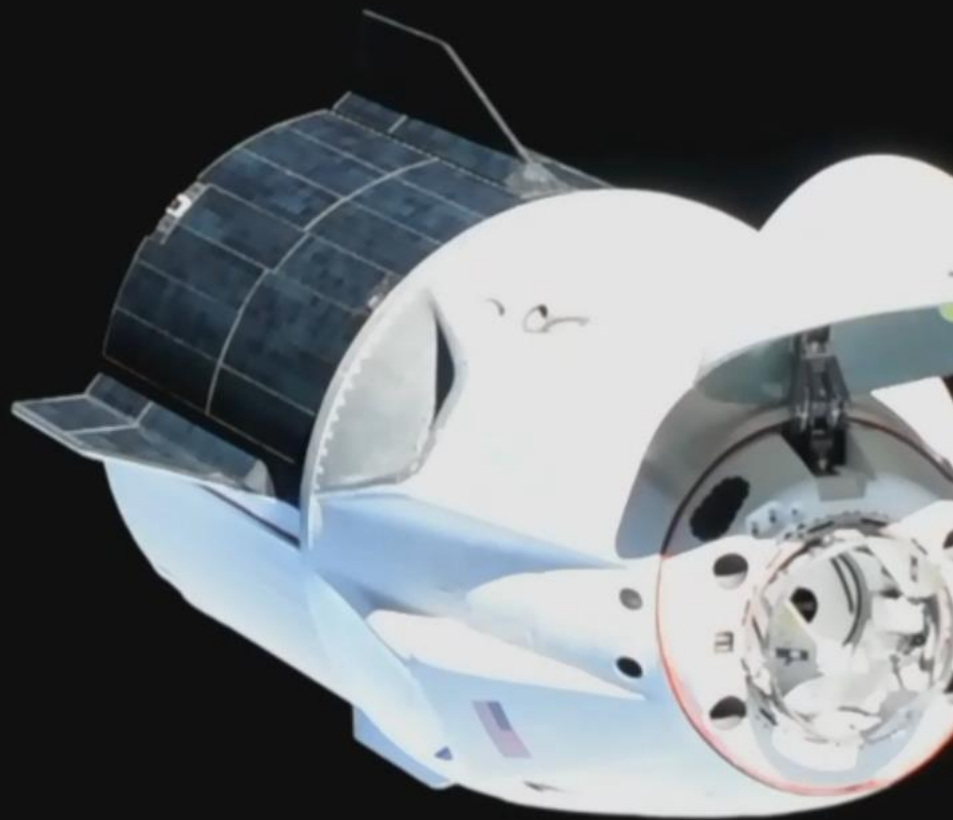




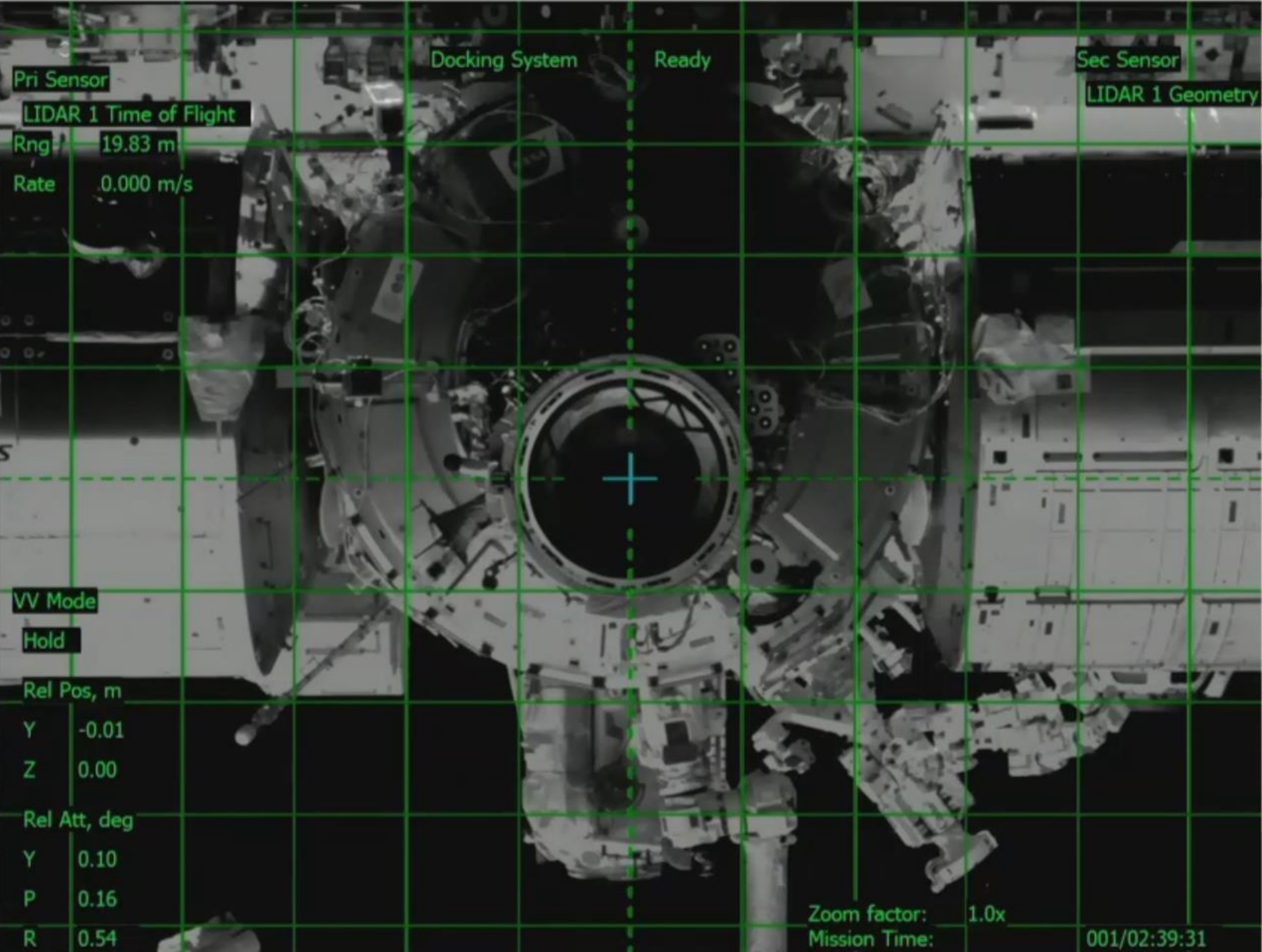












Pri Sensor

Docking System

Ready

Sec Sensor

LIDAR 1 Time of Flight

LIDAR 1 Geometry

Rng 19.83 m

Rate 0.000 m/s

VV Mode

Hold

Rel Pos, m

Y -0.01

Z 0.00

Rel Att, deg

Y 0.10

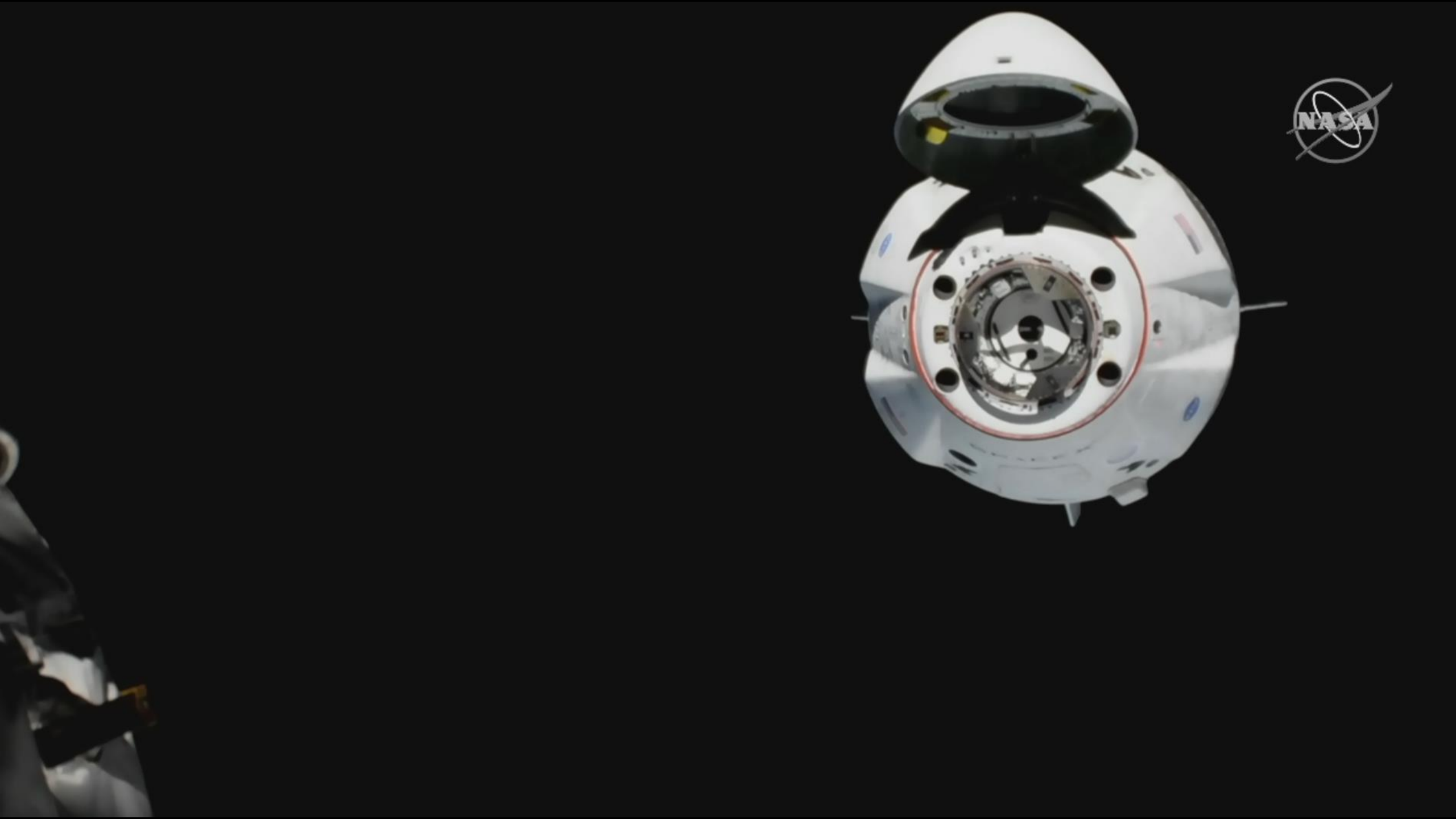
P 0.16

R 0.54

Zoom factor: 1.0x

Mission Time:

001/02:39:31



Pri Sensor

LIDAR 1 Time of Flight

Rng 19.83 m

Rate -0.002 m/s

Docking System

Ready

Sec Sensor

LIDAR 1 Geometry

VV Mode

Hold

Rel Pos, m

Y -0.13

Z -0.14

Rel Att, deg

Y 0.38

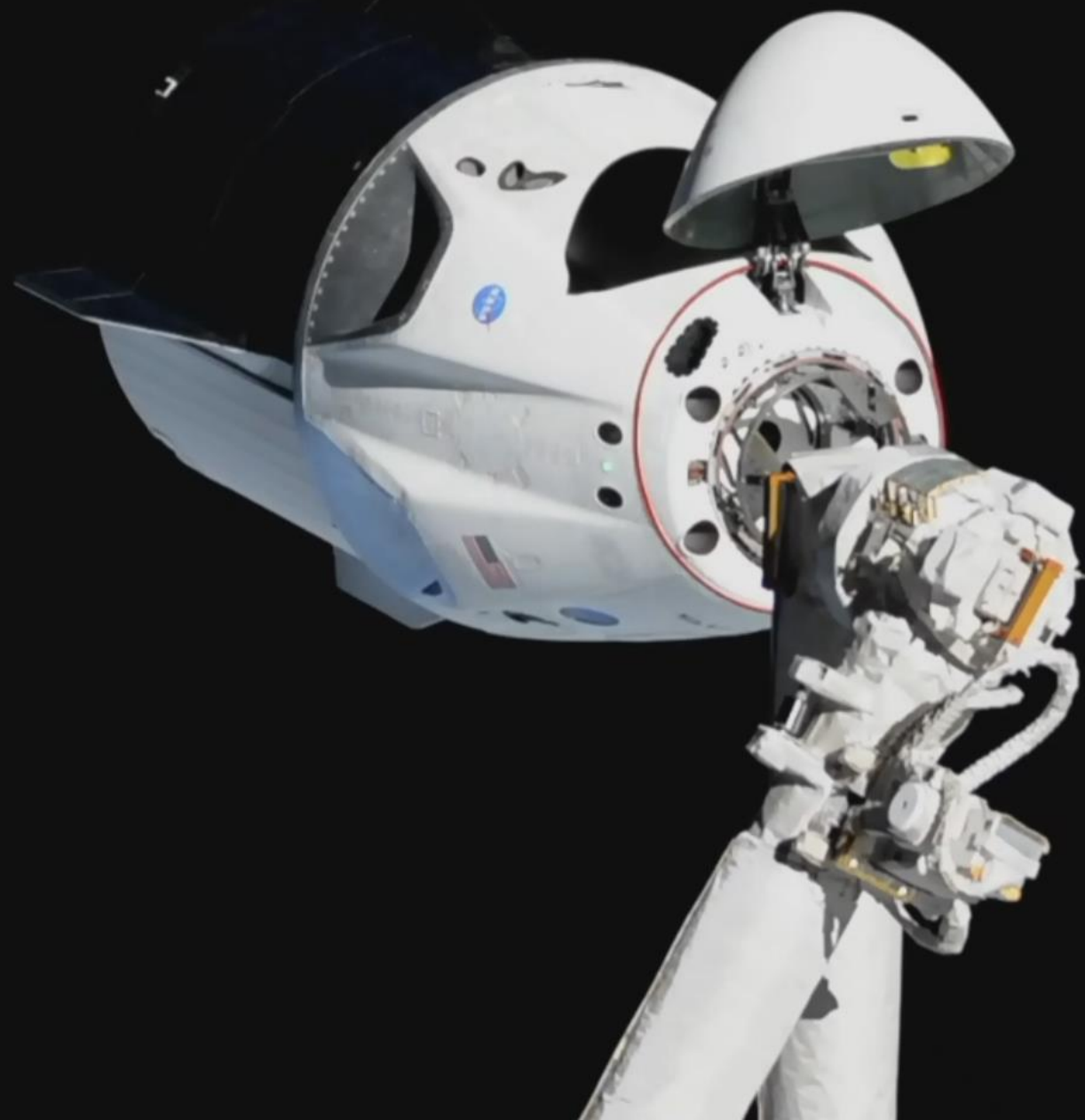
P 0.02

R 0.15

Zoom factor: 1.0x

Mission Time:

001/02:41:56



Pri Sensor

LIDAR 1 Time of Flight

Rng 19.83 m

Rate -0.002 m/s

Docking System

Ready

Sec Sensor

LIDAR 1 Geometry

VV Mode

Hold

Rel Pos, m

Y 0.05

Z -0.13

Rel Att, deg

Y 0.08

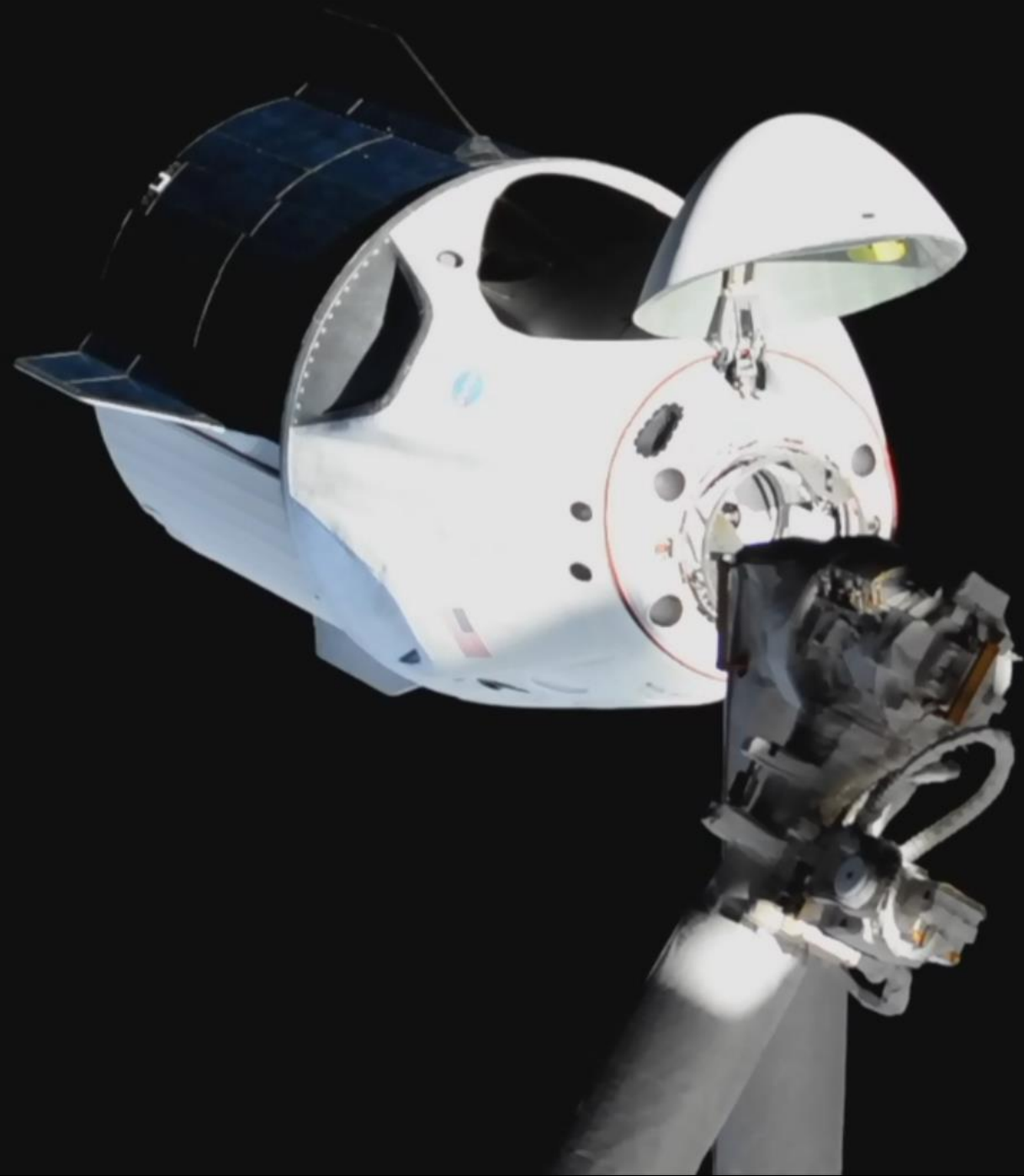
P 0.29

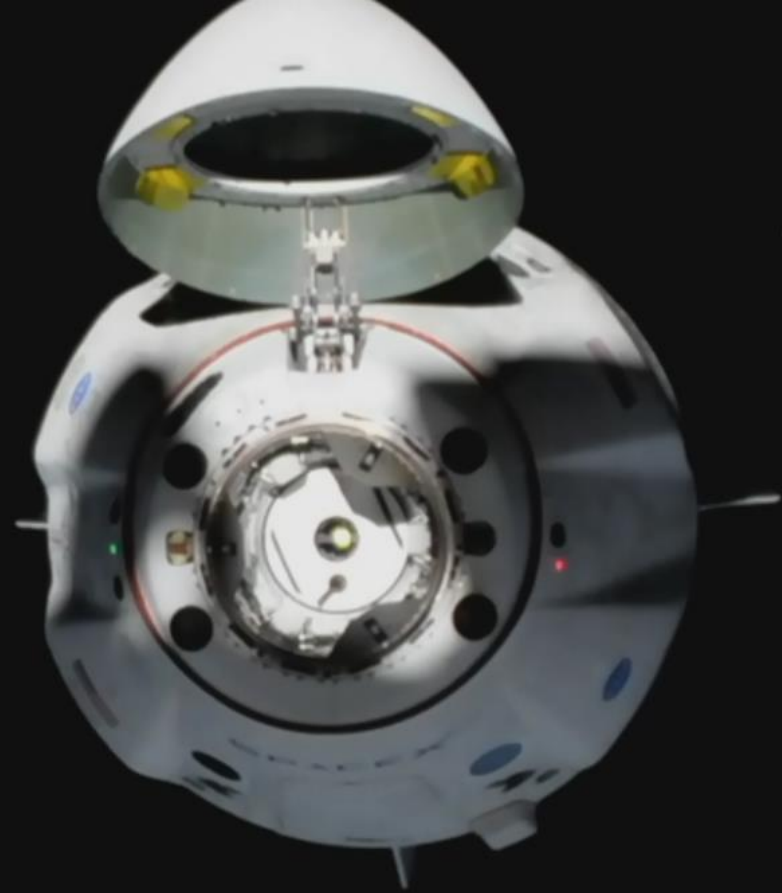
R 0.05

Zoom factor: 1.0x

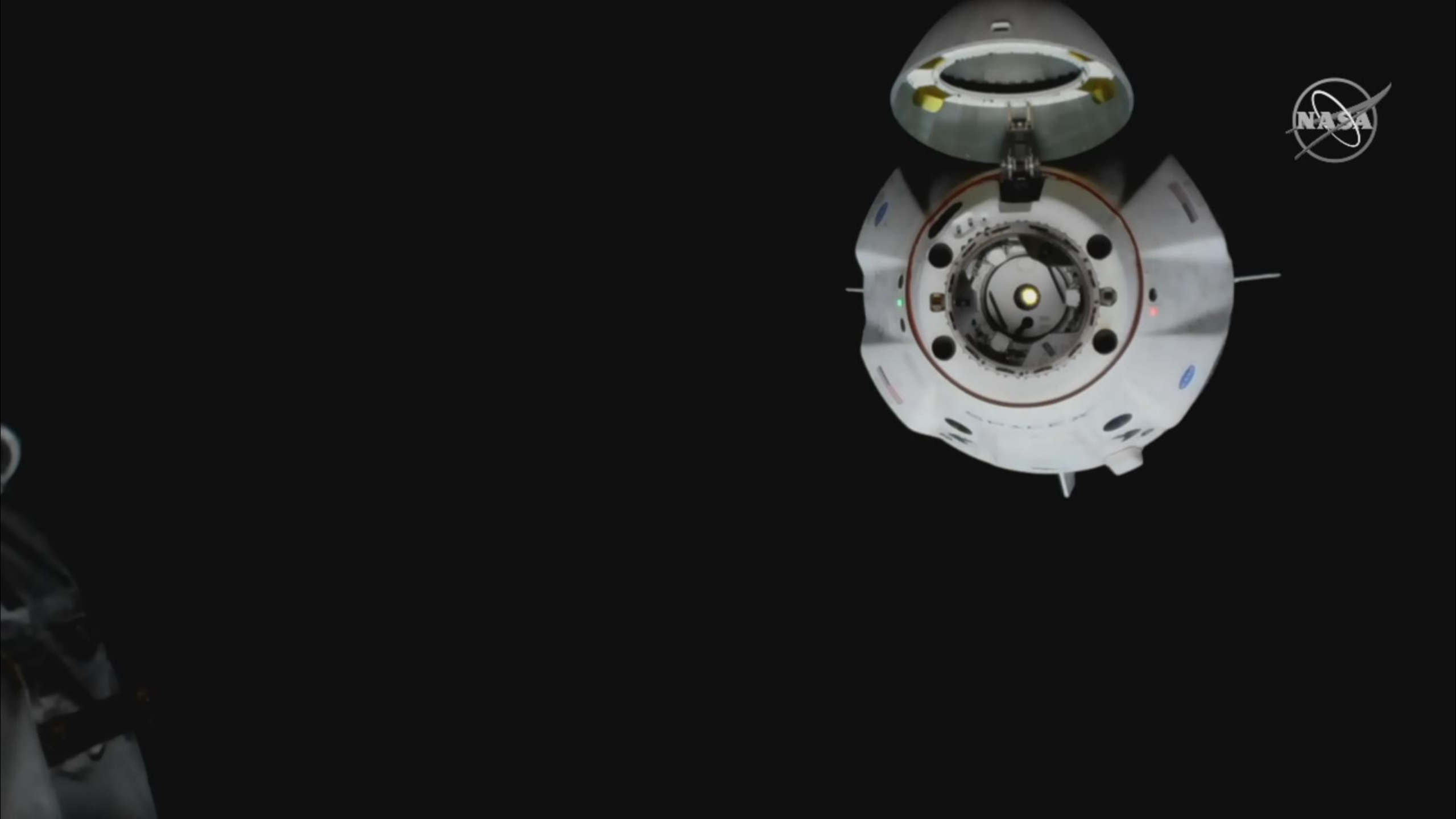
Mission Time:

001/02:45:59











SPACEX ENCODER 1

2019-03-03 10:40:38:20





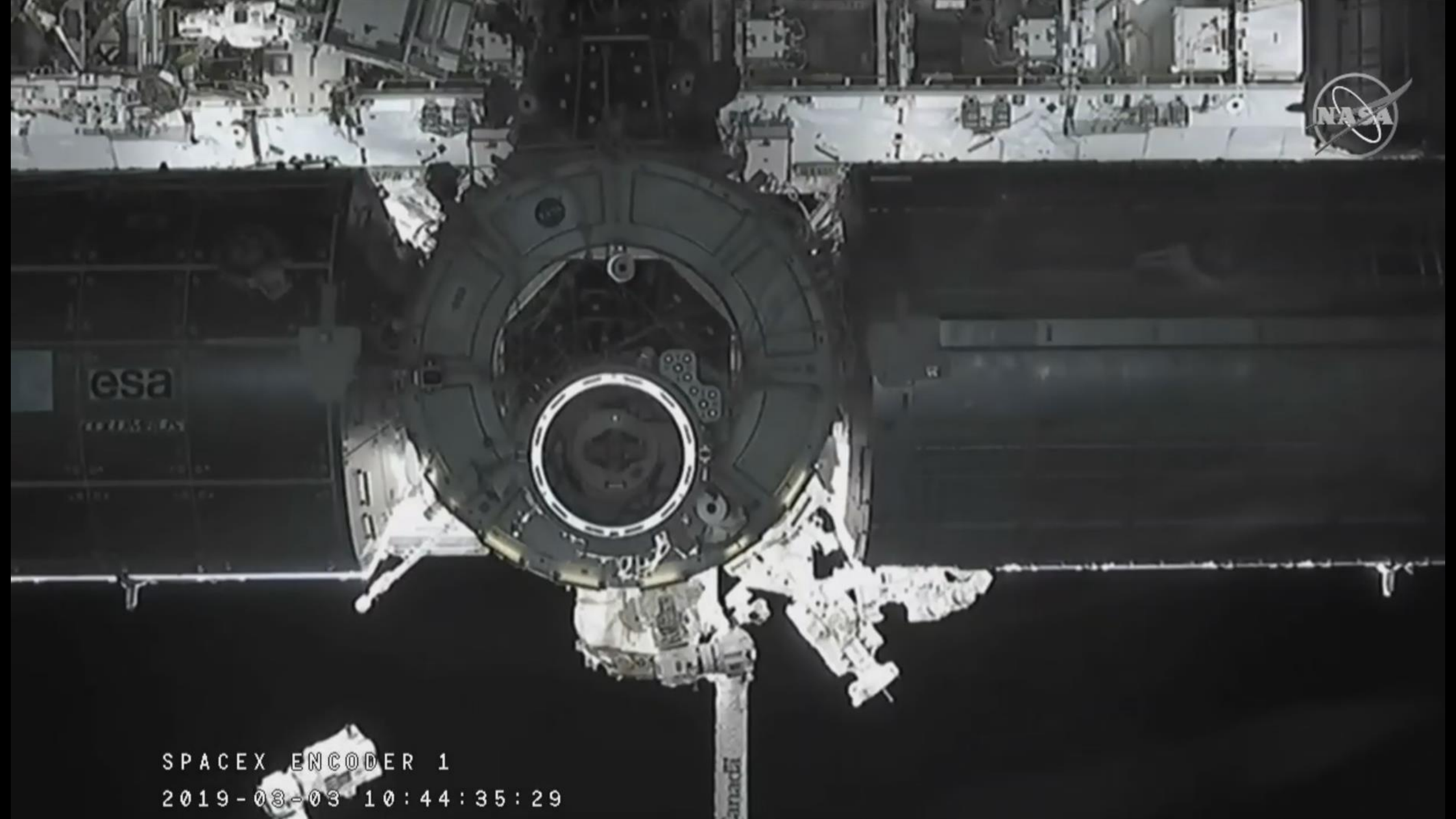
SPACEX ENCODER 1

2019-03-03 10:41:31:23



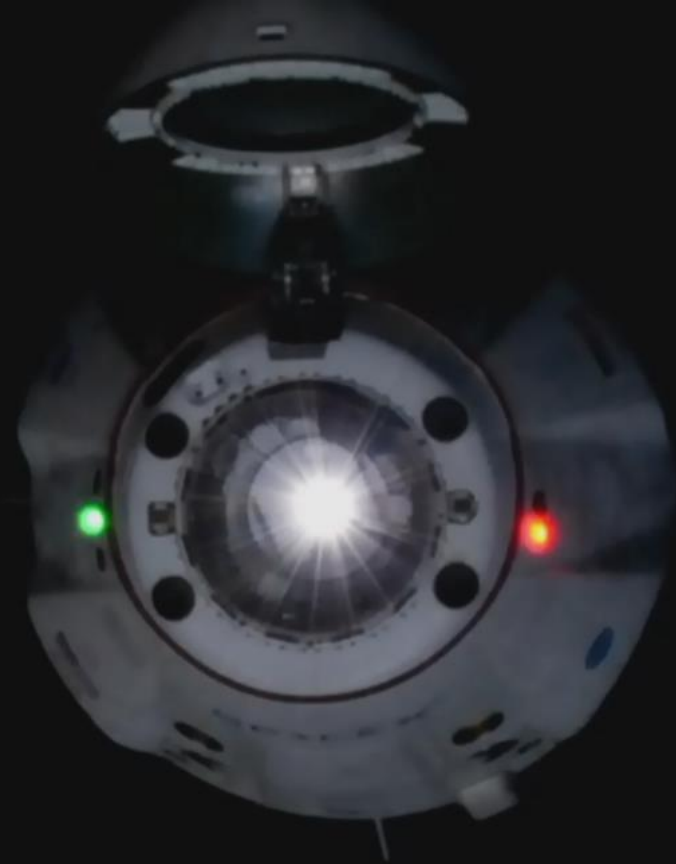
SPACEX ENCODER 1

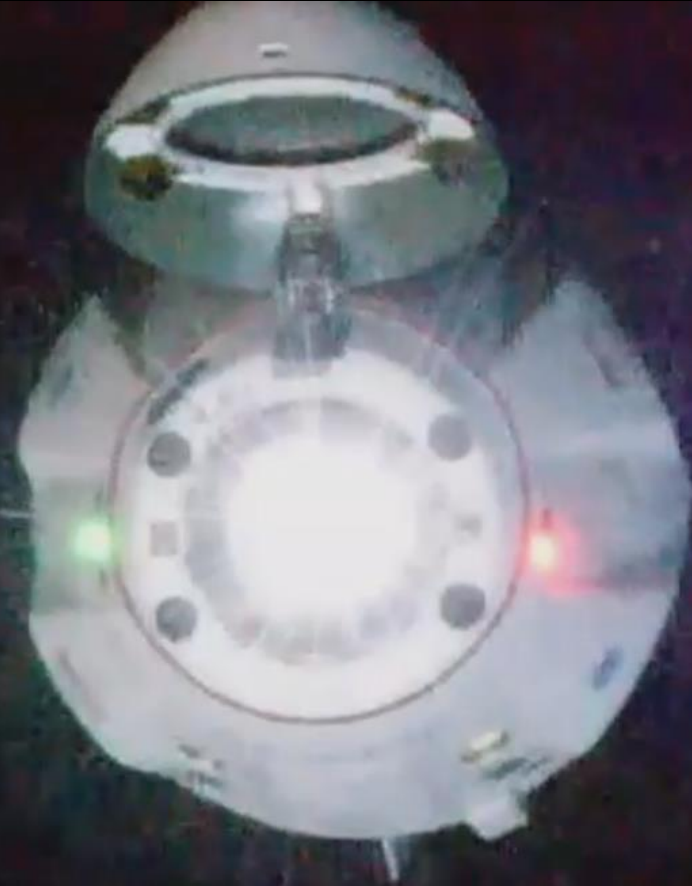
2019-03-03 10:43:56:10

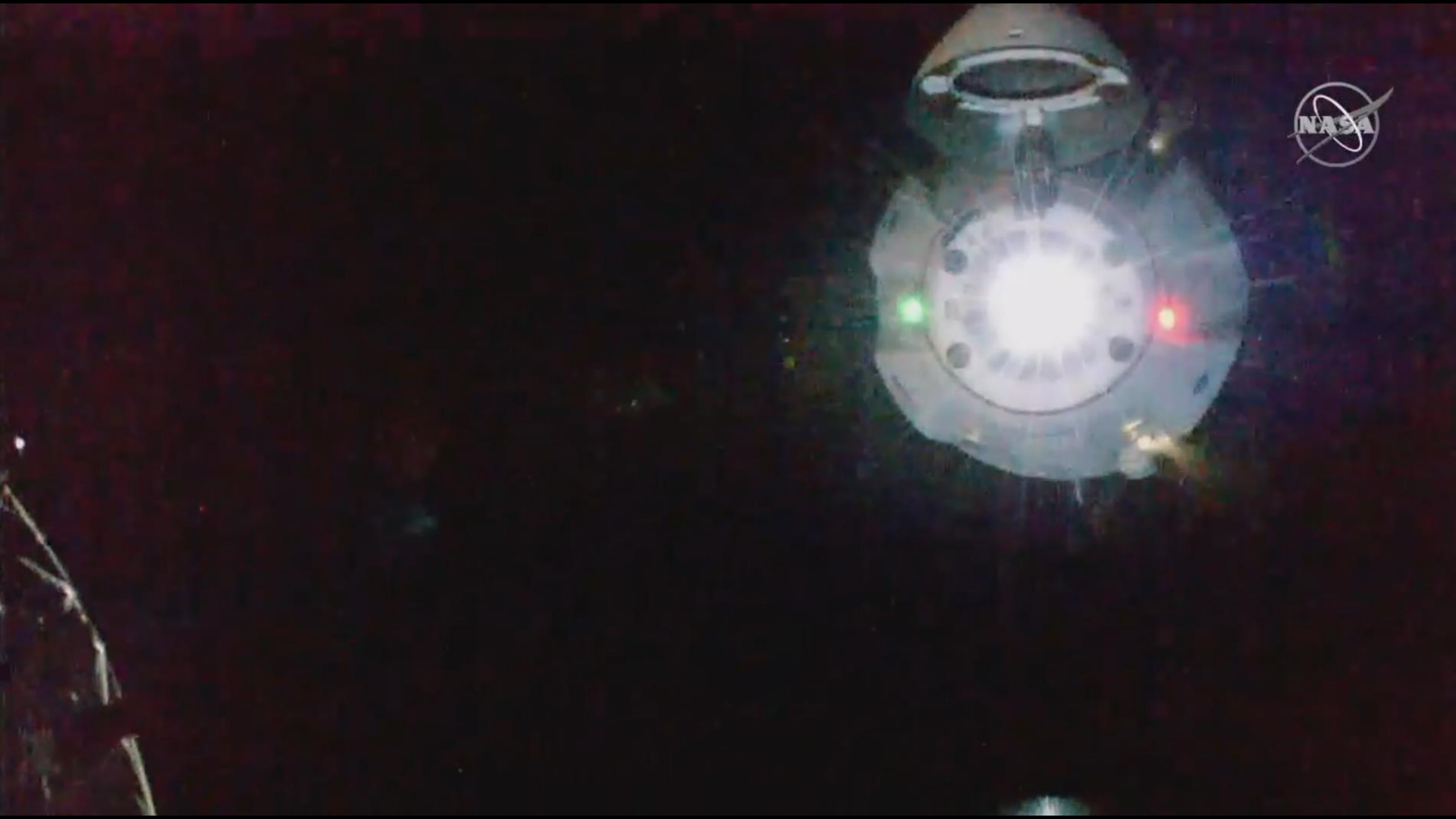


SPACEX ENCODER 1

2019-03-03 10:44:35:29

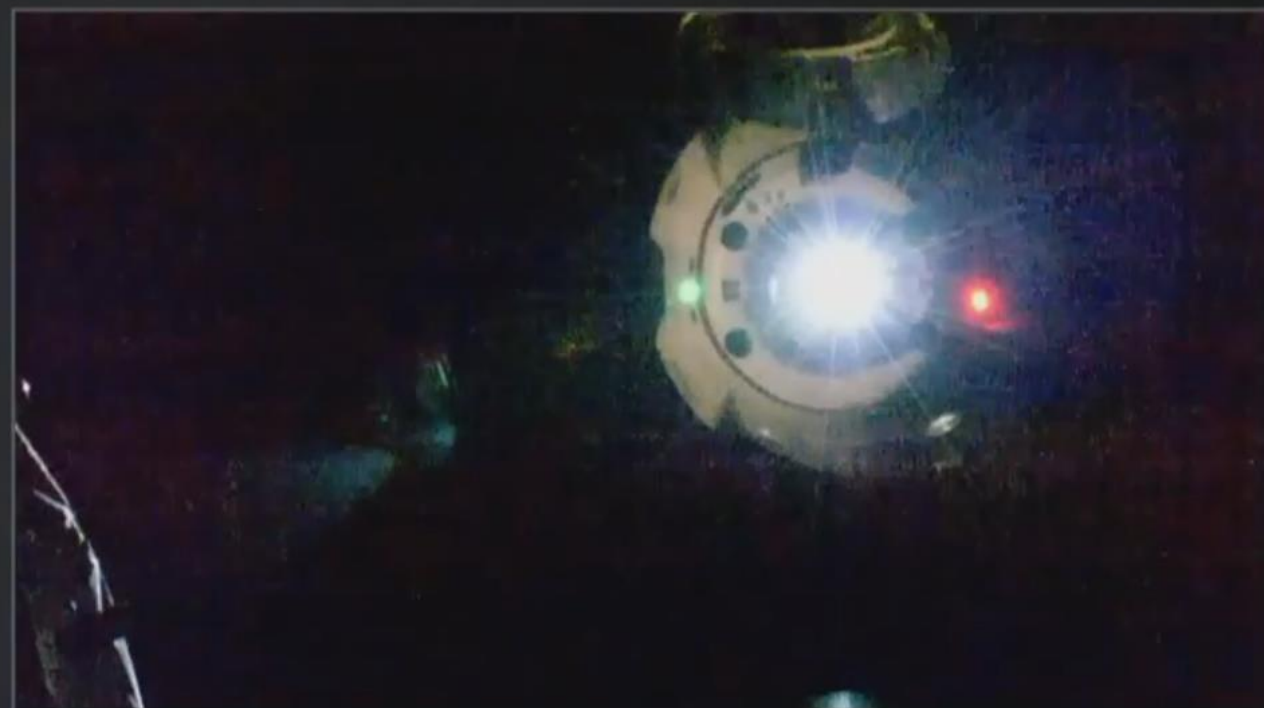
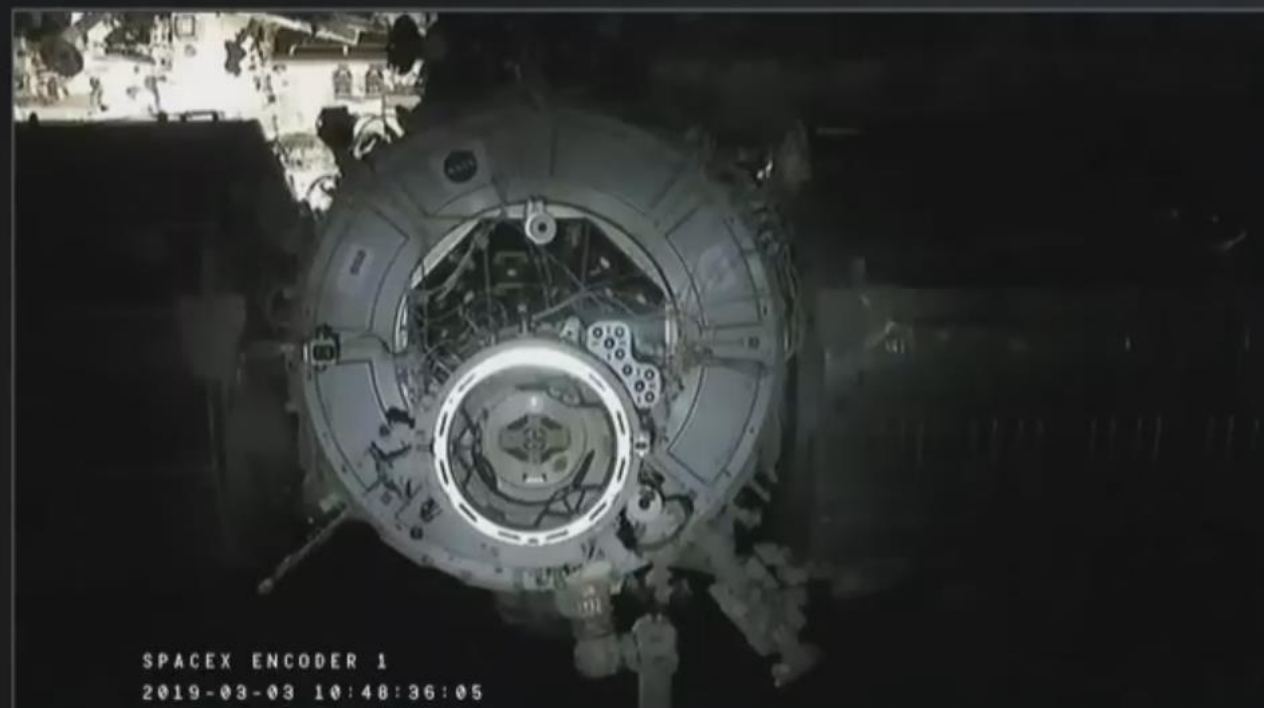




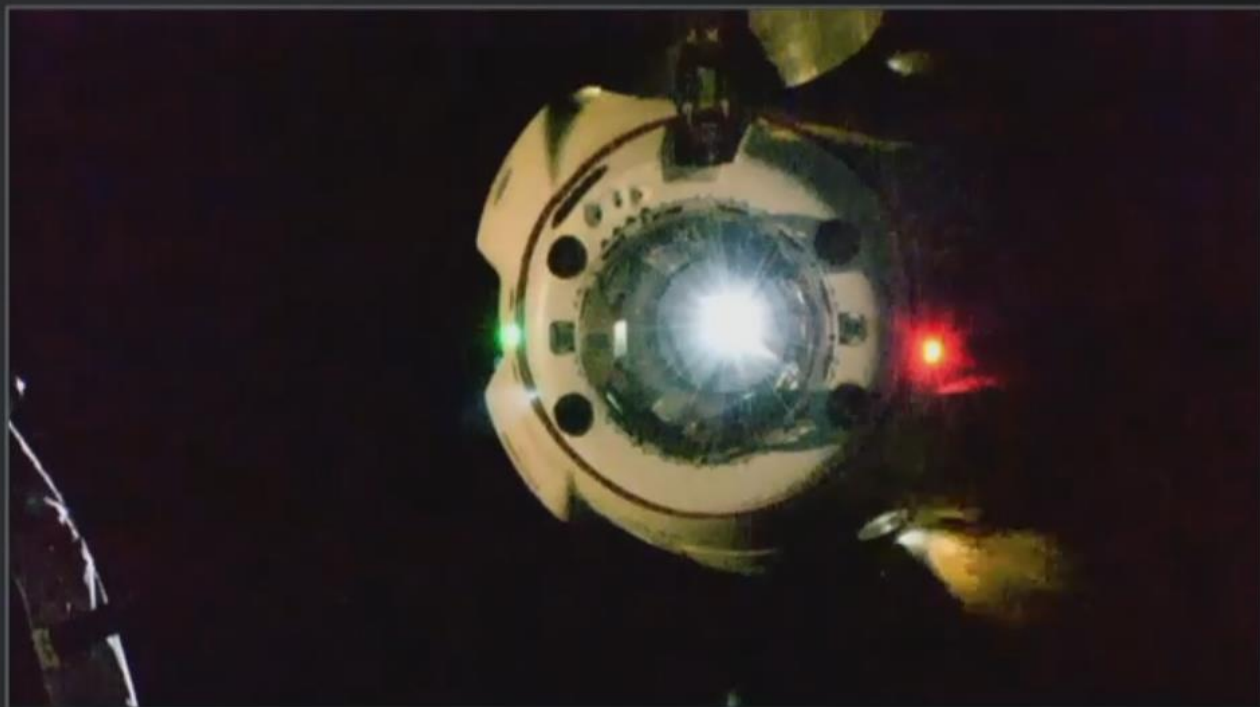
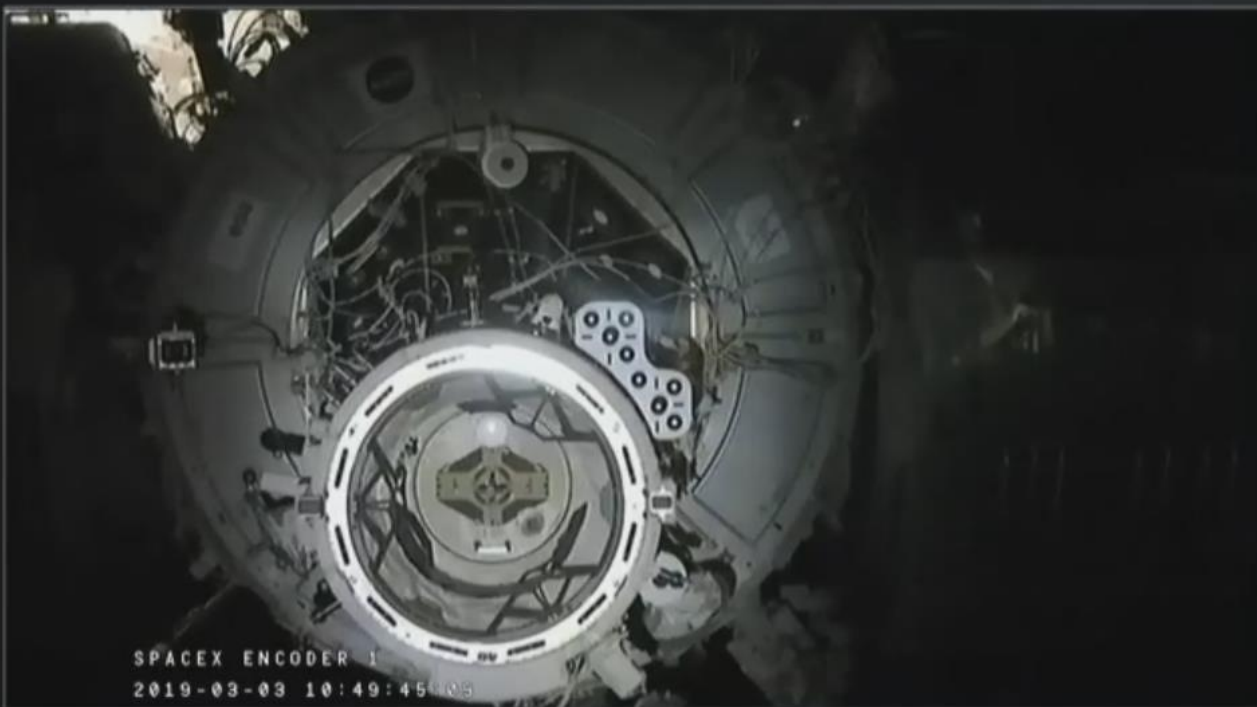




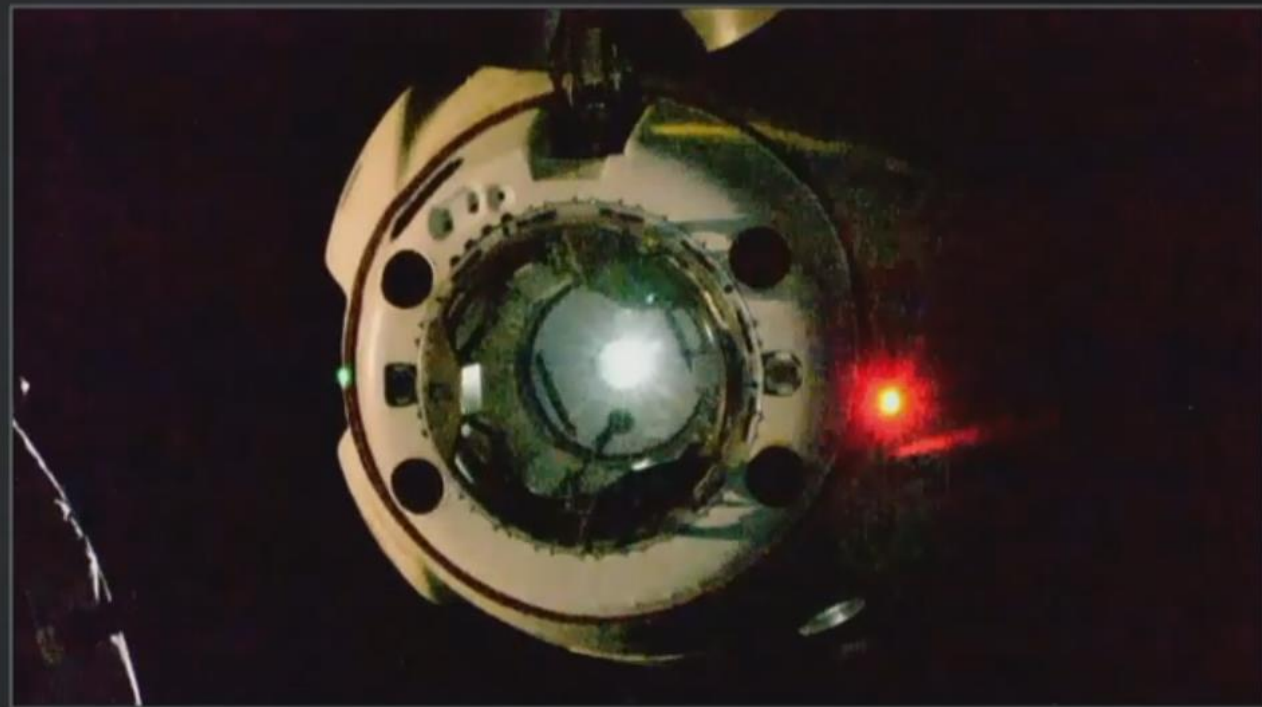
SPACEX ENCODER 1
2019-03-03 10:48:12:03



NASA DEMO-1 FLIGHT TEST



NASA DEMO-1 FLIGHT TEST



NASA DEMO-1 FLIGHT TEST



NASA DEMO-1 FLIGHT TEST

Pri Sensor

LIDAR 1 Time of Flight

Rng 0.06 m

Rate 0.026 m/s

Docking System

Ready

Sec Sensor

LIDAR 1 Geometry

IN-A

VV Mode

Free Drift

Rel Pos, m

Y 0.00

Z 0.00

Rel Att, deg

Y -0.50

P 0.11

R 0.31

Zoom factor: 1.0x

Mission Time:

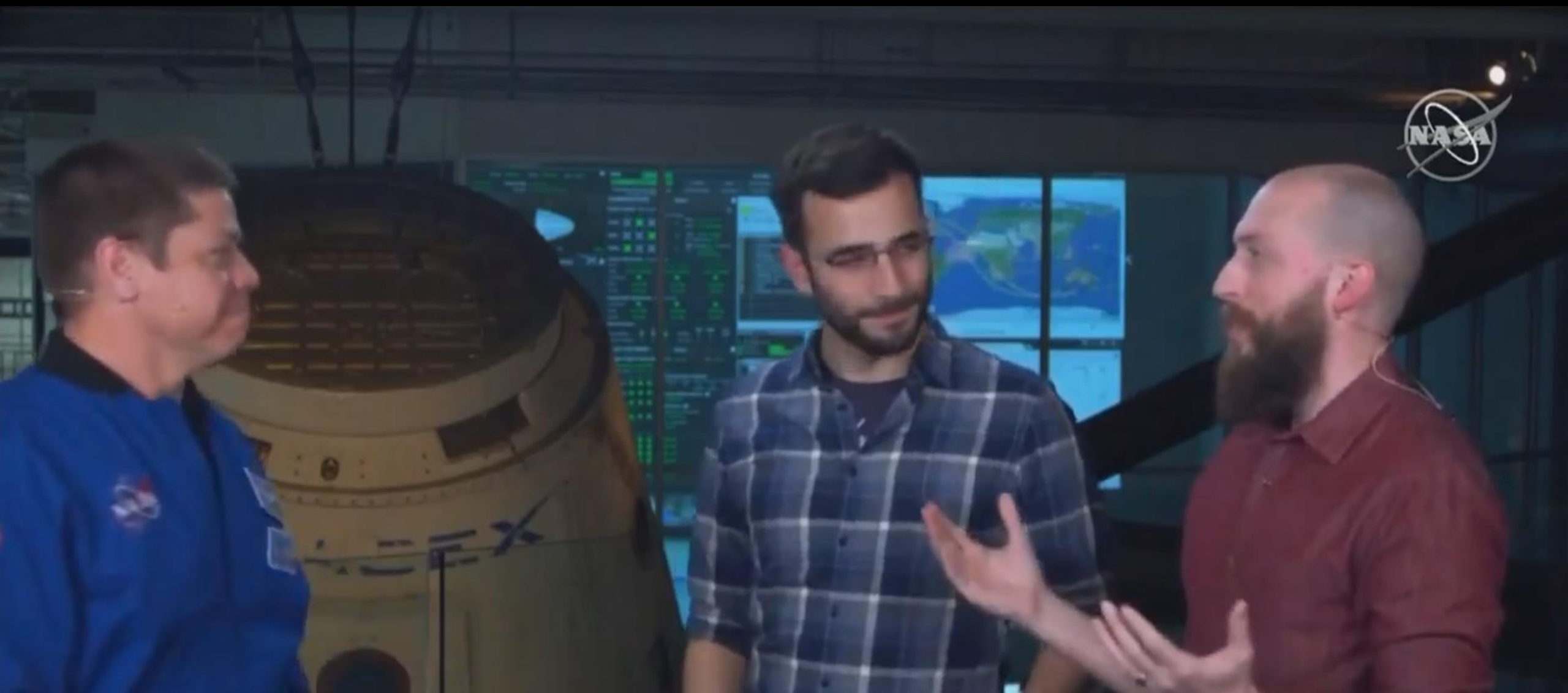
001/03:02:32





SPACEX MISSION CONTROL

NASA DEMO-1 FLIGHT TEST









MISSION CONTROL CENTER, HOUSTON



SPACEX MISSION CONTROL











MISSION CONTROL CENTER, HOUSTON



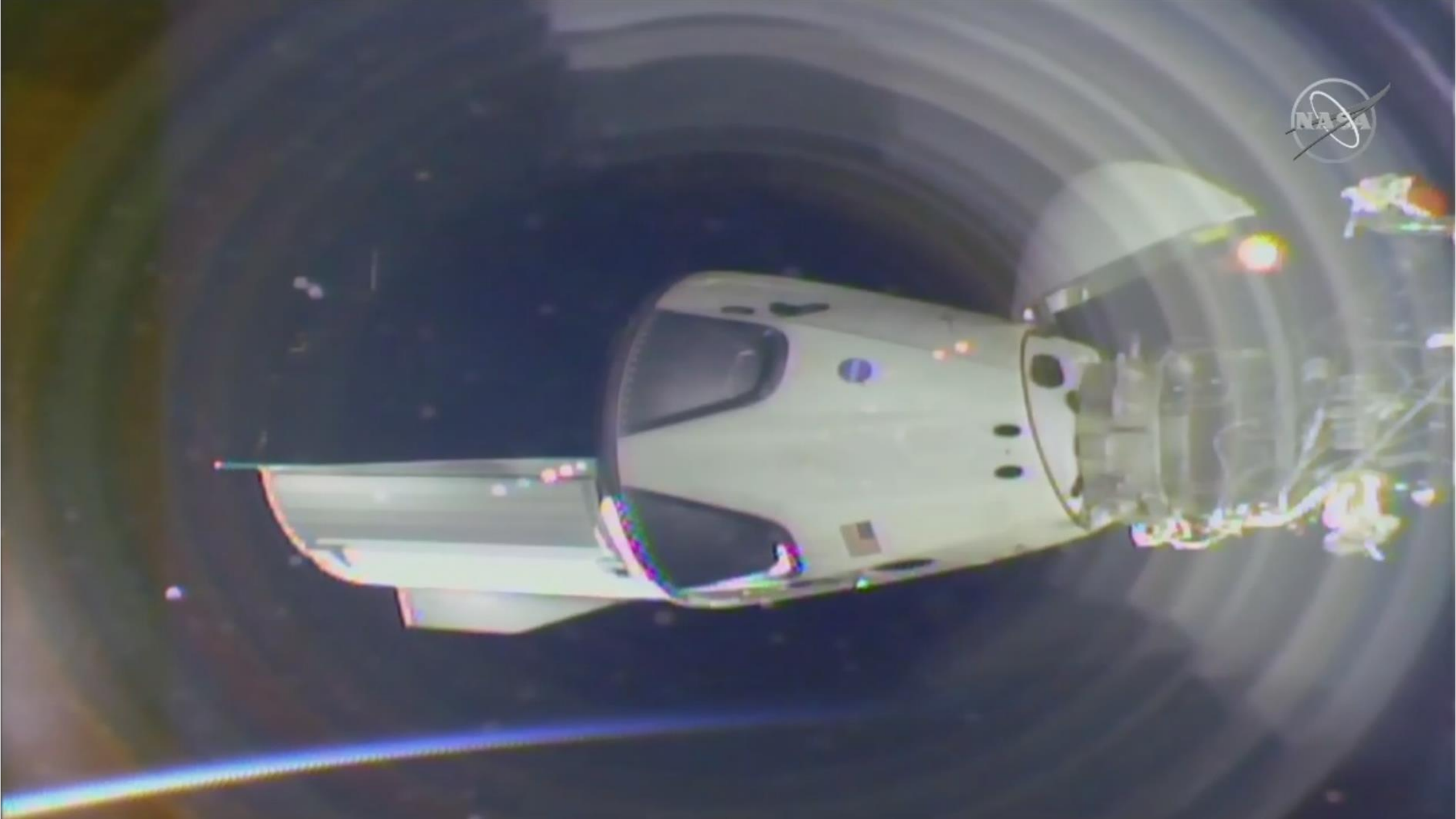
SPACEX MISSION CONTROL

NASA DEMO-1 FLIGHT TEST



MISSION CONTROL CENTER, HOUSTON









10. 
Latched in position by [unclear]
On return of this [unclear] [unclear]
to the [unclear] [unclear] [unclear]
[unclear] [unclear] [unclear]

SLIDING WATER

STBD

➔ To C

STDB FW
IMV VALV

PMA2 DECK



CLOSING WATER

10
United Kingdom
Sweden
Denmark
Japan
Russia
USA
Canada
Germany
Switzerland
Germany
Italy
Netherlands
Norway

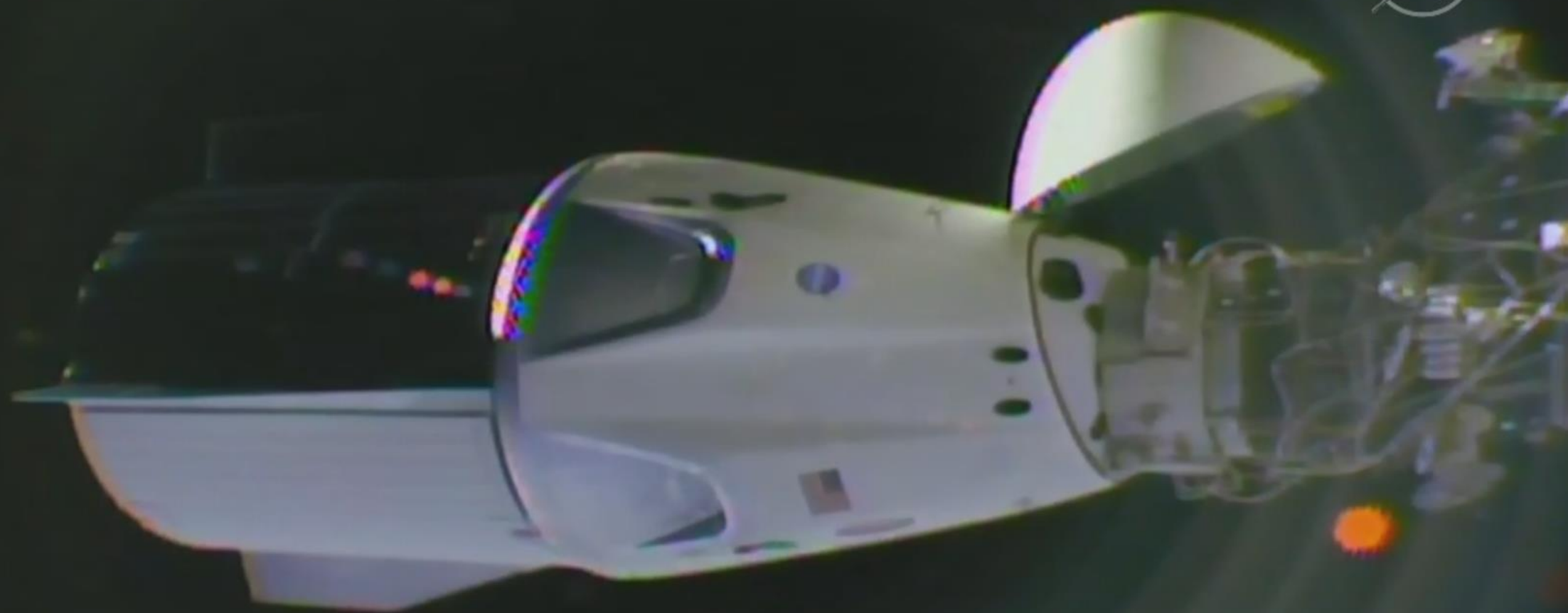
PORT

STBD

To PMA2 DECK

→ To





[Topics](#)[Missions](#)[Galleries](#)[NASA TV](#)[Follow NASA](#)[Downloads](#)[About](#)[NASA Audiences](#)

NASA TV



Public



Media

HD ISS Views

