



1  
00:00:07,110 --> 00:00:03,909  
the international space station

2  
00:00:10,310 --> 00:00:07,120  
currently flying 250 miles over china in

3  
00:00:12,310 --> 00:00:10,320  
an orbit inclined 51.6 degrees to either

4  
00:00:13,990 --> 00:00:12,320  
side of the equator now we have physical

5  
00:00:17,910 --> 00:00:14,000  
separation

6  
00:00:26,630 --> 00:00:17,920  
confirmed at

7  
00:00:31,910 --> 00:00:28,870  
we will be at the

8  
00:00:42,150 --> 00:00:31,920  
docking interface that

9  
00:00:42,160 --> 00:00:46,549  
okay thank

10  
00:00:51,590 --> 00:00:48,310  
speaking in russian to russian flight

11  
00:00:55,350 --> 00:00:51,600  
controllers uh relaying parameters and

12  
00:00:58,630 --> 00:00:57,430  
once again the soyuz spacecraft

13  
00:01:01,110 --> 00:00:58,640

undocking

14

00:01:02,869 --> 00:01:01,120  
the tma-03m flying free from the

15

00:01:05,910 --> 00:01:02,879  
international space station undocking

16

00:01:07,270 --> 00:01:05,920  
occurring at 11 47 and 50 seconds pm

17

00:01:09,670 --> 00:01:07,280  
central time

18

00:01:12,950 --> 00:01:09,680  
as the soyuz and the international space

19

00:01:15,109 --> 00:01:12,960  
station flew 250 miles over china

20

00:01:16,630 --> 00:01:15,119  
the soyuz is currently in a station

21

00:01:18,789 --> 00:01:16,640  
keeping maneuver

22

00:01:21,510 --> 00:01:18,799  
for this digital autopilot test that

23

00:01:23,429 --> 00:01:21,520  
kononenko is providing for the russian

24

00:01:25,590 --> 00:01:23,439  
flight control team and the engineers on

25

00:01:31,030 --> 00:01:25,600  
the ground at the russian mission

26

00:01:35,190 --> 00:01:32,950

now you can see uh the roll maneuver

27

00:01:37,429 --> 00:01:35,200

that is being executed by kononenko this

28

00:01:41,190 --> 00:01:37,439

in preparation for a second and final

29

00:01:43,190 --> 00:01:41,200

separation burn that will begin the

30

00:01:46,950 --> 00:01:43,200

ability of the soyuz vehicle to drift

31

00:01:49,990 --> 00:01:46,960

away from the station for the last time

32

00:01:52,310 --> 00:01:50,000

the soyuz tma-03m phasing away from the

33

00:01:55,910 --> 00:01:52,320

international space station in the

34

00:01:57,990 --> 00:01:55,920

descent module the center section

35

00:02:00,630 --> 00:01:58,000

allied kononenko the soyuz commander

36

00:02:02,870 --> 00:02:00,640

flying under the call sign of antares

37

00:02:05,270 --> 00:02:02,880

which was also the name of the lunar

38

00:02:08,469 --> 00:02:05,280

module that landed on the moon on apollo