



1  
00:00:05,510 --> 00:00:04,070  
the visiting vehicle officer had

2  
00:00:07,349 --> 00:00:05,520  
confirmed the

3  
00:00:18,790 --> 00:00:07,359  
command was sent that the hooks are

4  
00:00:22,390 --> 00:00:20,710  
and physical separation has been

5  
00:00:27,990 --> 00:00:22,400  
confirmed on time

6  
00:00:28,000 --> 00:00:33,190  
progress 47

7  
00:00:37,270 --> 00:00:34,470  
will now back away from the

8  
00:00:40,310 --> 00:00:37,280  
international space station

9  
00:00:41,750 --> 00:00:40,320  
the progress 47

10  
00:00:45,350 --> 00:00:41,760  
undocked from the international space

11  
00:00:46,950 --> 00:00:45,360  
station again at 4 19 p.m central time

12  
00:00:50,549 --> 00:00:46,960  
as it uh

13  
00:00:50,559 --> 00:01:10,710

the capital of kazakhstan astana

14

00:01:10,720 --> 00:01:15,749

in a couple of minutes

15

00:01:20,390 --> 00:01:18,469

and we'll begin a separation rate

16

00:01:22,230 --> 00:01:20,400

that will eventually place it safely

17

00:01:24,070 --> 00:01:22,240

away from the station for

18

00:01:26,390 --> 00:01:24,080

a few weeks of additional engineering

19

00:01:28,390 --> 00:01:26,400

tests and rate unrelated to the crews in

20

00:01:30,950 --> 00:01:28,400

a docking system

21

00:01:39,590 --> 00:01:30,960

before it is deorbited for destructive

22

00:01:44,389 --> 00:01:43,109

again the progress 47 cargo craft that

23

00:01:47,429 --> 00:01:44,399

was docked to the piers docking

24

00:01:50,230 --> 00:01:47,439

compartment since april 22nd

25

00:01:52,789 --> 00:01:50,240

has undocked for its final time today at

26

00:01:56,870 --> 00:01:52,799

4 19 pm central time

27

00:02:19,430 --> 00:01:56,880

just as it passed across the

28

00:02:19,440 --> 00:02:35,270

for yuri

29

00:02:35,280 --> 00:03:16,390

copy thank you

30

00:03:19,030 --> 00:03:17,910

this is mission control houston we're

31

00:03:20,949 --> 00:03:19,040

getting a

32

00:03:22,949 --> 00:03:20,959

live look from the external camera from

33

00:03:24,869 --> 00:03:22,959

the

34

00:03:26,309 --> 00:03:24,879

progress 47

35

00:03:28,149 --> 00:03:26,319

that uh

36

00:03:30,550 --> 00:03:28,159

physically separated from the

37

00:03:34,710 --> 00:03:30,560

international space station at 4 19 p.m

38

00:03:34,720 --> 00:03:41,670

and has now

39

00:03:47,430 --> 00:03:44,710

began its separation burn

40

00:03:48,789 --> 00:03:47,440

to back the progress 47 away from the

41

00:03:49,910 --> 00:03:48,799

space station

42

00:03:54,789 --> 00:03:49,920

the

43

00:03:57,509 --> 00:03:56,309

to a distance of a couple hundred

44

00:03:59,190 --> 00:03:57,519

kilometers

45

00:04:01,670 --> 00:03:59,200

from the space station where it'll stay

46

00:04:04,070 --> 00:04:01,680

for a few weeks of additional

47

00:04:09,509 --> 00:04:04,080

engineering tests that are unrelated to

48

00:04:20,949 --> 00:04:11,750

before the cargo craft is then deorbited

49

00:04:24,629 --> 00:04:22,310

again we're getting a

50

00:04:27,110 --> 00:04:24,639

live look from the external camera from

51  
00:04:28,710 --> 00:04:27,120  
that progress 47 cargo ship

52  
00:04:30,790 --> 00:04:28,720  
looking directly at the docking port on

53  
00:04:33,189 --> 00:04:30,800  
the piers docking compartment

54  
00:04:36,230 --> 00:04:33,199  
as it slowly and safely backs away from

55  
00:04:45,749 --> 00:04:36,240  
the international space station

56  
00:04:45,759 --> 00:04:50,790  
again progress 47

57  
00:04:54,070 --> 00:04:52,070  
physically separated from the

58  
00:04:56,870 --> 00:04:54,080  
international space station on time at 4

59  
00:04:59,189 --> 00:04:56,880  
19 p.m central time as it flew across

60  
00:05:01,350 --> 00:04:59,199  
the capital of kazakhstan today's

61  
00:05:06,950 --> 00:05:01,360  
undocking sets the stage for the new