



Days: 143.000 days
Hours: 21.000 hours
Mins: 54.000 mins
Secs: 39.000 secs

1
00:00:07,990 --> 00:00:05,670
so on the bottom view you can see will

2
00:00:10,790 --> 00:00:08,000
the initial attitude for the undocking

3
00:00:13,030 --> 00:00:10,800
the soyuz is the yellow object that's

4
00:00:15,270 --> 00:00:13,040
now flying away the upper left view is

5
00:00:18,870 --> 00:00:15,280
what the crew will see from the soyuz of

6
00:00:22,630 --> 00:00:20,950
so they will back out to about 200

7
00:00:23,830 --> 00:00:22,640
meters you'll see they're a little bit

8
00:00:26,390 --> 00:00:23,840
above the

9
00:00:27,670 --> 00:00:26,400
velocity vector behind the station and

10
00:00:32,549 --> 00:00:27,680
that's to keep the sun out of the

11
00:00:37,110 --> 00:00:34,549
after they get to the station keeping

12
00:00:38,470 --> 00:00:37,120
point a few minutes later iss will begin

13
00:00:40,229 --> 00:00:38,480

a maneuver

14

00:00:47,750 --> 00:00:40,239

and we should see that kick off here in

15

00:00:52,869 --> 00:00:50,549

and this is a 130 degree maneuver

16

00:00:57,189 --> 00:00:52,879

they'll be moving at 0.2 degrees per

17

00:01:00,950 --> 00:00:59,510

and it will basically bring the whole

18

00:01:03,189 --> 00:01:00,960

stack around

19

00:01:19,270 --> 00:01:03,199

so that we get a side view

20

00:01:23,749 --> 00:01:21,590

so you can imagine this is a

21

00:01:25,749 --> 00:01:23,759

fairly unusual attitude for us to be

22

00:01:27,990 --> 00:01:25,759

flying during a made admission there's

23

00:01:30,310 --> 00:01:28,000

been a lot of work by a whole lot of

24

00:01:32,310 --> 00:01:30,320

teams to make sure that this is really a

25

00:01:34,550 --> 00:01:32,320

good thing to be doing

