



1  
00:00:01,080 --> 00:00:05,190  
>> The Soyuz has now  
closed to within 500 meters

2  
00:00:05,190 --> 00:00:07,830  
of its docking port  
at the Rassvet module,

3  
00:00:07,830 --> 00:00:10,480  
and we're moments away from  
the initiation of the fly

4  
00:00:10,480 --> 00:00:13,760  
around that will precisely  
align the forward docking probe

5  
00:00:13,760 --> 00:00:18,030  
on the Soyuz with the  
Rassvet docking port.

6  
00:00:18,030 --> 00:00:21,380  
This fly around will take  
about seven minutes to execute,

7  
00:00:21,380 --> 00:00:24,460  
beginning at a range of 400  
meters, concluding at a range

8  
00:00:24,460 --> 00:00:29,110  
of 160 meters -- a fly around  
angle of just over 57 degrees,

9  
00:00:29,110 --> 00:00:31,820  
and as you can see down below,

10  
00:00:31,820 --> 00:00:35,400  
255 miles below the  
international space station

11

00:00:35,400 --> 00:00:39,050  
and the Soyuz vehicle,  
the sands of Mauritania

12  
00:00:39,050 --> 00:00:43,580  
in the northwest corner of  
the continent of Africa.

13  
00:00:43,580 --> 00:00:47,180  
And this view of course  
coming from the Soyuz vehicle,

14  
00:00:47,180 --> 00:00:50,470  
just a bit jumpy,  
but a very good view

15  
00:00:50,470 --> 00:00:53,950  
of the international  
space station.

16  
00:00:53,950 --> 00:00:56,630  
You can see the center  
crosshairs.

17  
00:00:56,630 --> 00:01:02,360  
That is ultimately what  
will align the visual aspect

18  
00:01:02,360 --> 00:01:04,550  
of the Soyuz approach  
for docking

19  
00:01:04,550 --> 00:01:08,590  
for not only Roman Romanenko  
on board the Soyuz vehicle,

20  
00:01:08,590 --> 00:01:11,100  
but for Oleg Novitskiy  
and Evengy Tarelkin

21

00:01:11,100 --> 00:01:12,870  
who are inside the Sveznev  
[assumed spelling] service

22

00:01:12,870 --> 00:01:16,430  
module monitoring the approach  
of the Soyuz for its linkup

23

00:01:16,430 --> 00:01:18,250  
to the Rassvet docking port.

24

00:01:18,250 --> 00:01:19,060  
>> [Foreign language

25

00:01:19,060 --> 00:01:25,560  
in background] The target  
is aligned with crosshairs.

26

00:01:25,560 --> 00:01:28,410  
Everything is normal.

27

00:01:28,410 --> 00:01:29,980  
The range rate is perfect.

28

00:01:29,980 --> 00:01:32,650  
Standing by for contact.

29

00:01:32,650 --> 00:01:36,430  
It's time already.

30

00:01:36,430 --> 00:01:40,820  
Everything is fine.

31

00:01:40,820 --> 00:01:44,280  
Half a meter.

32

00:01:44,280 --> 00:01:47,840  
[Inaudible] shadows.

33

00:01:47,840 --> 00:01:50,090

Contact them.

34

00:01:50,090 --> 00:01:53,060

>> Contact and capture.

35

00:01:53,060 --> 00:01:56,500

Docking confirmed over  
northern Kazakstan

36

00:01:56,500 --> 00:01:59,040

at eight 0 nine am central time,

37

00:01:59,040 --> 00:02:03,170

six 0 nine pm Moscow time  
near the capital of Astana,

38

00:02:03,170 --> 00:02:04,450

the capital of Kazakstan.

39

00:02:04,450 --> 00:02:06,000

Docking confirmed.

40

00:02:06,000 --> 00:02:07,940

The Soyuz sleigh  
has pulled into port

41

00:02:07,940 --> 00:02:10,530

at the international space  
station with a holiday gift

42

00:02:10,530 --> 00:02:13,510

of three new crew members.

43

00:02:13,510 --> 00:02:30,140

[ Background speech in  
Russian followed by silence ]

44

00:02:30,140 --> 00:02:31,320  
>> And the hatch is open.

45  
00:02:31,320 --> 00:02:35,650  
Tom Marshburn floating  
in for his second visit

46  
00:02:35,650 --> 00:02:38,230  
to the international  
space station.

47  
00:02:44,490 --> 00:02:50,090  
Chris Hadfield [inaudible]  
become the first Canadian

48  
00:02:50,090 --> 00:02:52,070  
commander of the  
international space station,

49  
00:02:52,070 --> 00:02:53,510  
returning after 11  
and a half years.

50  
00:02:53,510 --> 00:03:04,080  
[ Silence ]

51  
00:03:04,080 --> 00:03:07,260  
>> And the Soyuz  
commander, Roman Romanenko.

52  
00:03:07,260 --> 00:03:08,560  
All three crew members

53  
00:03:08,560 --> 00:03:12,040  
on the Soyuz now aboard the  
international space station

54  
00:03:12,040 --> 00:03:15,510  
that has returned to a  
six man crew capability.

55

00:03:15,510 --> 00:03:31,490

[ Silence ]

56

00:03:31,490 --> 00:03:34,290

>> Never shy for a camera,  
the three crew members,

57

00:03:34,290 --> 00:03:37,400

the Russian crew members on the  
international space station,

58

00:03:37,400 --> 00:03:39,420

posing for photos  
before they all move

59

00:03:39,420 --> 00:03:42,490

into the Sveznev service  
module to don headsets

60

00:03:42,490 --> 00:03:45,520

for their congratulatory  
phone calls.

61

00:03:45,520 --> 00:03:48,860

>> Hey, it's great to  
see you guys on orbit.

62

00:03:48,860 --> 00:03:52,820

As your patch says, off  
the earth, for the earth.

63

00:03:52,820 --> 00:03:54,270

What a great slogan.

64

00:03:54,270 --> 00:03:57,300

You guys did great things  
for us here on the earth

65

00:03:57,300 --> 00:03:59,900  
and we'll think about  
you every day up there

66  
00:03:59,900 --> 00:04:01,830  
in space enjoying  
the space station.

67  
00:04:01,830 --> 00:04:03,110  
Take care of the space station.

68  
00:04:03,110 --> 00:04:04,520  
Enjoy yourselves.

69  
00:04:04,520 --> 00:04:06,090  
Do a lot of great research.

70  
00:04:06,090 --> 00:04:10,120  
I'll turn it now over to  
the, to Paul from CSA.

71  
00:04:10,120 --> 00:04:13,430  
>> Hi [inaudible] crew.

72  
00:04:13,430 --> 00:04:17,150  
It's Paul Engle from the CSA  
and I, you know, three days ago,

73  
00:04:17,150 --> 00:04:20,390  
all of Canada, Canadians  
coast to coast to coast tuned

74  
00:04:20,390 --> 00:04:24,000  
in to watch that absolutely  
picture perfect launch

75  
00:04:24,000 --> 00:04:25,670  
and today, three days later,

76

00:04:25,670 --> 00:04:28,970  
a flawless rendezvous  
approach and docking.

77

00:04:28,970 --> 00:04:32,600  
Absolutely extraordinary sight  
for a [inaudible] technician.

78

00:04:32,600 --> 00:04:33,660  
Wish you all the best.

79

00:04:33,660 --> 00:04:34,560  
There's a lot of fun

80

00:04:34,560 --> 00:04:37,670  
and technology innovation  
that's going to deliver benefits

81

00:04:37,670 --> 00:04:39,260  
for all of us here on Earth.