
ИДЗ-2 №2

1
00:00:08,230 --> 00:00:06,309
we are ready for farewell ceremony and

2
00:00:12,070 --> 00:00:08,240
closing attaches

3
00:00:22,070 --> 00:00:12,080
yes go ahead we can see you

4
00:00:26,950 --> 00:00:24,550
and now shkaplerov uh saying goodbye to

5
00:00:29,349 --> 00:00:26,960
his uh russian

6
00:00:32,069 --> 00:00:29,359
colleagues padalka and kornenko and

7
00:00:34,470 --> 00:00:32,079
scott kelly who will remain on board the

8
00:01:08,710 --> 00:00:34,480
station as a three-man crew for the next

9
00:01:12,950 --> 00:01:10,710
two station commanders saying goodbye to

10
00:01:15,830 --> 00:01:12,960
one another and now uh vert saying

11
00:01:18,390 --> 00:01:15,840
goodbye to kornyenko

12
00:01:20,310 --> 00:01:18,400
before he makes his way inside the soyuz

13
00:01:22,789 --> 00:01:20,320

spacecraft that will be his ride home

14
00:01:25,030 --> 00:01:22,799
along with verts along with shkaplerov

15
00:01:37,590 --> 00:01:25,040
and christa ferretti a short time from

16
00:01:37,600 --> 00:01:46,230
plug remind okay

17
00:01:49,749 --> 00:01:48,789
wishing each other good luck and soft

18
00:02:00,870 --> 00:01:49,759
landing

19
00:02:07,910 --> 00:02:04,950
now inside the soyuz tma-15m

20
00:02:10,469 --> 00:02:07,920
with landing scheduled just about six

21
00:02:19,430 --> 00:02:10,479
hours and 40 minutes from now okay thank

22
00:02:39,910 --> 00:02:23,750
we will wipe with you now

23
00:02:45,030 --> 00:02:42,390
shkaplerov and padalka wiping down the

24
00:02:48,070 --> 00:02:45,040
perimeter of the hatchway

25
00:02:50,949 --> 00:02:48,080
at the interface between the soyuz and

26
00:02:52,550 --> 00:02:50,959
ross fiat

27
00:02:55,030 --> 00:02:52,560
ensuring that there's no

28
00:02:58,149 --> 00:02:55,040
foreign object debris of any sort that

29
00:03:00,869 --> 00:02:58,159
would impinge on a good leak check at

30
00:03:03,350 --> 00:03:00,879
the time that the vestibule or

31
00:03:04,869 --> 00:03:03,360
passageway is depressurized

32
00:03:07,509 --> 00:03:04,879
the leak checks

33
00:03:09,190 --> 00:03:07,519
are to ensure that a good vacuum

34
00:03:12,630 --> 00:03:09,200
and a good seal

35
00:03:32,789 --> 00:03:12,640
is insured between the departing soyuz

36
00:03:40,710 --> 00:03:37,030
and the hatch to the soyuz closed at 204

37
00:03:42,949 --> 00:03:40,720
am central time 304 a.m eastern time

38
00:03:44,869 --> 00:03:42,959

padalka will now work to close the hatch

39
00:03:46,949 --> 00:03:44,879
on his side of the docking interface

40
00:04:09,589 --> 00:03:46,959
again hatch closure

41
00:04:09,599 --> 00:04:34,070
is

42
00:04:38,469 --> 00:04:36,230
and the hatch on the rassvet side or the

43
00:04:40,870 --> 00:04:38,479
station side of the docking interface

44
00:04:43,270 --> 00:04:40,880
closed at 205.

45
00:04:44,710 --> 00:04:43,280
the soyuz hatch closure at 204 a.m

46
00:04:46,790 --> 00:04:44,720
central time so

47
00:04:49,670 --> 00:04:46,800
verts shkaplerov and christa ferretti

48
00:04:51,909 --> 00:04:49,680
are now inside their soyuz tma-15m

49
00:04:54,870 --> 00:04:51,919
spacecraft they will begin

50
00:04:57,909 --> 00:04:54,880
additional systems checks and the work

51
00:05:01,430 --> 00:04:57,919
to depressurize the small passageway

52
00:05:03,430 --> 00:05:01,440
between rossviet and the soyuz itself

53
00:05:05,670 --> 00:05:03,440
they will begin to don their socal

54
00:05:07,909 --> 00:05:05,680
launch and entry suits and conduct other

55
00:05:09,430 --> 00:05:07,919
systems checks and communications checks

56
00:05:11,510 --> 00:05:09,440
with the russian flight control team at

57
00:05:18,390 --> 00:05:11,520
the russian mission control center in

58
00:05:23,270 --> 00:05:21,510
this view of the soyuz just moments away

59
00:05:26,950 --> 00:05:23,280
from its departure from the rassvet

60
00:05:30,870 --> 00:05:29,110
the descent module in which the crew is

61
00:05:33,590 --> 00:05:30,880
strapped into their seats is on the left

62
00:05:35,029 --> 00:05:33,600
side of your screen the bulbous portion

63
00:05:37,590 --> 00:05:35,039

that is docked

64
00:05:44,150 --> 00:05:37,600
is the orbital module the uppermost or

65
00:05:44,160 --> 00:05:48,390
two minutes

66
00:05:48,400 --> 00:06:07,350
it went faster here we go yes it is

67
00:06:12,550 --> 00:06:10,230
undocking confirmed at 5 20 a.m central

68
00:06:14,950 --> 00:06:12,560
time as the international space station

69
00:06:18,870 --> 00:06:14,960
and the soyuz tma-15m passed over

70
00:06:34,390 --> 00:06:22,230
mechanism no issues

71
00:06:37,830 --> 00:06:36,309
shkaplerov and christopher reddy bidding

72
00:06:58,550 --> 00:06:37,840
goodbye

73
00:07:03,270 --> 00:07:00,550
a13 all

74
00:07:09,830 --> 00:07:03,280
eliminated this is ready

75
00:07:15,029 --> 00:07:11,430
for eight seconds

76
00:07:19,270 --> 00:07:16,629
approaching

77
00:07:22,230 --> 00:07:19,280
a point over northeastern china a great

78
00:07:23,909 --> 00:07:22,240
view of the soyuz tma-15m

79
00:07:42,390 --> 00:07:23,919
having departed the international space

80
00:07:47,990 --> 00:07:44,150
and the first separation burn is

81
00:07:56,390 --> 00:07:49,909
illuminated the burn is complete and

82
00:08:00,150 --> 00:07:57,990
good view of the roll maneuver now

83
00:08:02,790 --> 00:08:00,160
underway that places uh the soyuz in the

84
00:08:05,110 --> 00:08:02,800
proper orientation for the second of the

85
00:08:07,909 --> 00:08:05,120
two separation burns that will be coming

86
00:08:09,510 --> 00:08:07,919
up just one minute from now

87
00:08:13,990 --> 00:08:09,520
continue

88
00:08:18,710 --> 00:08:16,150

anton shkaplerov at the controls of the

89
00:08:20,710 --> 00:08:18,720
soyuz these burns are automated built

90
00:08:24,550 --> 00:08:20,720
into the onboard computer system for the

91
00:08:28,710 --> 00:08:26,390
shkaplerov in the center seat of the

92
00:08:30,869 --> 00:08:28,720
descent module flanked on his left by

93
00:08:32,709 --> 00:08:30,879
board engineer number one samantha

94
00:08:33,750 --> 00:08:32,719
christopher reddy of the european space

95
00:08:36,630 --> 00:08:33,760
agency

96
00:08:39,589 --> 00:08:36,640
and uh nasa astronaut terry verts the

97
00:08:46,230 --> 00:08:39,599
off-going expedition 43 commander seated

98
00:08:50,470 --> 00:08:48,389
with verts shkaplerov and christopher

99
00:08:52,150 --> 00:08:50,480
reddy now on their way to their deorbit

100
00:08:54,470 --> 00:08:52,160
burn position well away from the

101
00:08:57,670 --> 00:08:54,480
international space station they will be

102
00:08:59,509 --> 00:08:57,680
uh reporting on soyuz systems they'll

103
00:09:01,269 --> 00:08:59,519
have a bit of free time as they prepare

104
00:09:07,110 --> 00:09:01,279
for their descent back into the earth's

105
00:09:11,430 --> 00:09:09,430
ultimately uh reporting a little over an

106
00:09:13,030 --> 00:09:11,440
hour from now on their dissent readiness

107
00:09:16,150 --> 00:09:13,040
to russian flight controllers at the

108
00:09:17,670 --> 00:09:16,160
russian mission control center

109
00:09:19,670 --> 00:09:17,680
before loading into the onboard

110
00:09:22,710 --> 00:09:19,680
computers all of the parameters for the

111
00:09:24,550 --> 00:09:22,720
deorbit burn itself

112
00:09:26,870 --> 00:09:24,560
that deorbit burn

113
00:09:29,509 --> 00:09:26,880

four minutes and 40 seconds in duration

114
00:09:32,150 --> 00:09:29,519
that will be the soyuz main engine

115
00:09:34,949 --> 00:09:32,160
firing in a breaking maneuver to slow

116
00:09:36,710 --> 00:09:34,959
the soyuz down by 128 meters per second