



ГОС-К

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УТТ 00..5070

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1  
00:00:15,110 --> 00:00:12,709  
greetings from mission control houston

2  
00:00:18,390 --> 00:00:15,120  
and welcome to space station live

3  
00:00:20,230 --> 00:00:18,400  
it's wednesday september 11 2013.

4  
00:00:21,670 --> 00:00:20,240  
you're joining us here inside of the

5  
00:00:23,670 --> 00:00:21,680  
international space station flight

6  
00:00:26,550 --> 00:00:23,680  
control room located at the johnson

7  
00:00:28,470 --> 00:00:26,560  
space center in houston texas

8  
00:00:30,870 --> 00:00:28,480  
inside the room right now the orbit 2

9  
00:00:32,630 --> 00:00:30,880  
team currently at the console positions

10  
00:00:34,470 --> 00:00:32,640  
monitoring the systems on board the

11  
00:00:37,110 --> 00:00:34,480  
orbiting laboratory and the crew on

12  
00:00:39,510 --> 00:00:37,120  
board they're being led today by flight

13  
00:00:42,709 --> 00:00:39,520

director mike lammers

14

00:00:45,510 --> 00:00:42,719

the crew on board today beginning the

15

00:00:47,910 --> 00:00:45,520

first official day of expedition 37

16

00:00:50,229 --> 00:00:47,920

following the departure of three

17

00:00:52,709 --> 00:00:50,239

astronauts yesterday evening

18

00:00:55,029 --> 00:00:52,719

on board right now is expedition 37

19

00:00:57,430 --> 00:00:55,039

commander fyodor yurchikhin

20

00:01:00,630 --> 00:00:57,440

and he is joined by european astronaut

21

00:01:02,630 --> 00:01:00,640

luca parmitano and nasa astronaut karen

22

00:01:03,430 --> 00:01:02,640

nyberg

23

00:01:05,030 --> 00:01:03,440

three

24

00:01:07,830 --> 00:01:05,040

as mentioned formally beginning

25

00:01:10,870 --> 00:01:07,840

expedition 37 their first full day today

26

00:01:13,030 --> 00:01:10,880

following the departure of three

27

00:01:15,590 --> 00:01:13,040

former exhibition crew members yesterday

28

00:01:18,070 --> 00:01:15,600

evening uh that crew nasa astronaut

29

00:01:19,749 --> 00:01:18,080

chris cassidy departing expedition 36

30

00:01:22,230 --> 00:01:19,759

commander and russian cosmonaut pavel

31

00:01:23,990 --> 00:01:22,240

vinogradov and another russian cosmonaut

32

00:01:25,510 --> 00:01:24,000

alexander misurkin left the

33

00:01:29,030 --> 00:01:25,520

international space station after

34

00:01:30,550 --> 00:01:29,040

spending 166 days in space

35

00:01:32,550 --> 00:01:30,560

they started off saying their final

36

00:01:35,749 --> 00:01:32,560

farewells to those remaining on board

37

00:01:37,910 --> 00:01:35,759

before loading into their soyuz tma-08m

38

00:01:39,910 --> 00:01:37,920

spacecraft which was docked to the poisk

39

00:01:41,910 --> 00:01:39,920

module on the space-facing side of

40

00:01:44,230 --> 00:01:41,920

zvezda

41

00:01:46,069 --> 00:01:44,240

the three once on board were able to

42

00:01:48,069 --> 00:01:46,079

close the hatch and conduct a series of

43

00:01:49,910 --> 00:01:48,079

leak checks on their vehicle to ensure

44

00:01:52,630 --> 00:01:49,920

its integrity before

45

00:01:55,190 --> 00:01:52,640

undocking and departing from the station

46

00:01:56,270 --> 00:01:55,200

again those three had been on board

47

00:02:00,630 --> 00:01:56,280

for

48

00:02:03,030 --> 00:02:00,640

164 days total 166 days in space

49

00:02:05,429 --> 00:02:03,040

uh vinogradov now 10th on the all-time

50

00:02:08,469 --> 00:02:05,439

endurance list after his time in space

51  
00:02:10,389 --> 00:02:08,479  
with a total time of 547 days

52  
00:02:14,550 --> 00:02:10,399  
the departing nasa astronaut chris

53  
00:02:16,390 --> 00:02:14,560  
cassidy now has logged 182 days in space

54  
00:02:21,670 --> 00:02:16,400  
this being his second space flight his

55  
00:02:24,630 --> 00:02:21,680  
first sts-127 back in 2009 the third uh

56  
00:02:27,910 --> 00:02:24,640  
astronaut on board alexander misurkin

57  
00:02:30,150 --> 00:02:27,920  
now with a total lifetime of 166 days in

58  
00:02:32,630 --> 00:02:30,160  
space as he was the rookie space flier

59  
00:02:34,070 --> 00:02:32,640  
with this crew so again this video taken

60  
00:02:36,390 --> 00:02:34,080  
from yesterday

61  
00:02:38,869 --> 00:02:36,400  
afternoon central time as

62  
00:02:40,070 --> 00:02:38,879  
the crew loaded on board their soyuz

63  
00:02:42,309 --> 00:02:40,080

craft and

64

00:02:46,390 --> 00:02:42,319

the hatch was closed between the

65

00:02:55,350 --> 00:02:48,229

the

66

00:02:57,190 --> 00:02:55,360

a number of hours

67

00:02:58,790 --> 00:02:57,200

to ensure the integrity of the soyuz

68

00:03:01,750 --> 00:02:58,800

craft before departing from the

69

00:03:03,750 --> 00:03:01,760

international space station

70

00:03:05,589 --> 00:03:03,760

also having said farewell to the three

71

00:03:08,309 --> 00:03:05,599

remaining onboard who would become the

72

00:03:09,750 --> 00:03:08,319

crew of expedition 37 that increment

73

00:03:12,949 --> 00:03:09,760

formally beginning following the

74

00:03:15,910 --> 00:03:12,959

departure of this soyuz craft

75

00:03:19,110 --> 00:03:15,920

crew on board prepared and undocked on

76  
00:03:20,070 --> 00:03:19,120  
time successfully at 6 35 pm central

77  
00:03:22,229 --> 00:03:20,080  
time

78  
00:03:24,550 --> 00:03:22,239  
that undocking occurring after the hooks

79  
00:03:27,190 --> 00:03:24,560  
holding the soyuz craft in place are

80  
00:03:29,030 --> 00:03:27,200  
retracted the springs on the docking

81  
00:03:31,190 --> 00:03:29,040  
mechanism pushing away

82  
00:03:32,710 --> 00:03:31,200  
the craft

83  
00:03:34,390 --> 00:03:32,720  
uh departing from the international

84  
00:03:36,470 --> 00:03:34,400  
space station at a very slow rate at

85  
00:03:37,589 --> 00:03:36,480  
first uh only one tenth of a meter per

86  
00:03:39,830 --> 00:03:37,599  
second

87  
00:03:42,470 --> 00:03:39,840  
once it gets a little bit further away

88  
00:03:45,030 --> 00:03:42,480

it executes a series of separation burns

89

00:03:47,030 --> 00:03:45,040

uh departing the orbiting laboratory and

90

00:03:48,390 --> 00:03:47,040

setting it up for eventual deorbit and

91

00:03:53,910 --> 00:03:48,400

landing

92

00:03:56,630 --> 00:03:53,920

where the soyuz also launches from

93

00:03:59,030 --> 00:03:56,640

you can see here images of the craft as

94

00:04:00,789 --> 00:03:59,040

it was under its final parachute descent

95

00:04:04,789 --> 00:04:00,799

having already gone through spacecraft

96

00:04:07,509 --> 00:04:04,799

separation and deorbit burn

97

00:04:11,270 --> 00:04:07,519

the craft touched down successfully

98

00:04:13,910 --> 00:04:11,280

last night at 9 58 pm central time the

99

00:04:17,670 --> 00:04:13,920

touchdown coming just after sunrise in

100

00:04:22,870 --> 00:04:20,469

once down all three crew members were

101  
00:04:25,590 --> 00:04:22,880  
removed from the craft by the soyuz

102  
00:04:29,030 --> 00:04:25,600  
landing recovery teams manning multiple

103  
00:04:32,550 --> 00:04:29,040  
helicopters and all-terrain vehicles to

104  
00:04:34,870 --> 00:04:32,560  
get the crew out and accommodate them

105  
00:04:36,950 --> 00:04:34,880  
here you see departing expedition 36

106  
00:04:38,550 --> 00:04:36,960  
commander pavel vinogradov

107  
00:04:40,550 --> 00:04:38,560  
seated in one of the seats that they set

108  
00:04:42,950 --> 00:04:40,560  
up for the astronauts right outside of

109  
00:04:44,629 --> 00:04:42,960  
the craft as they wait to get everybody

110  
00:04:48,790 --> 00:04:44,639  
out

111  
00:04:51,110 --> 00:04:48,800  
astronauts will sit here for a few

112  
00:04:53,830 --> 00:04:51,120  
minutes and then be moved over to

113  
00:04:55,749 --> 00:04:53,840

the medical tent for a quick initial

114

00:04:58,150 --> 00:04:55,759

medical screening before being loaded

115

00:04:59,990 --> 00:04:58,160

into helicopters to fly

116

00:05:01,029 --> 00:05:00,000

back to the caragana airport where they

117

00:05:03,430 --> 00:05:01,039

then

118

00:05:05,590 --> 00:05:03,440

hop on planes for their home bases

119

00:05:07,830 --> 00:05:05,600

vinogradov and misurkin heading back to

120

00:05:10,070 --> 00:05:07,840

star city russia the home of cosmonaut

121

00:05:13,029 --> 00:05:10,080

training for the russian federal space

122

00:05:15,830 --> 00:05:13,039

agency meanwhile chris cassidy headed

123

00:05:17,909 --> 00:05:15,840

back to here to houston texas at the

124

00:05:19,990 --> 00:05:17,919

johnson space center home of the nasa

125

00:05:21,670 --> 00:05:20,000

astronaut corps

126  
00:05:24,390 --> 00:05:21,680  
so again that successful landing

127  
00:05:26,550 --> 00:05:24,400  
happening yesterday evening at 9 58 pm

128  
00:05:28,150 --> 00:05:26,560  
central time bringing these three crew

129  
00:05:32,790 --> 00:05:28,160  
members back down to earth after

130  
00:05:36,270 --> 00:05:35,110  
the three crew members

131  
00:05:39,110 --> 00:05:36,280  
completing

132  
00:05:41,350 --> 00:05:39,120  
2656 orbits of the earth traveling over

133  
00:05:44,230 --> 00:05:41,360  
70 million miles during their time on

134  
00:05:46,150 --> 00:05:44,240  
board the station accomplishing a vast

135  
00:05:48,790 --> 00:05:46,160  
array of science experiments while on

136  
00:05:49,990 --> 00:05:48,800  
board all three also conducting numerous

137  
00:05:52,150 --> 00:05:50,000  
spacewalks

138  
00:05:53,749 --> 00:05:52,160

but again they departed and landed

139

00:05:56,629 --> 00:05:53,759

successfully yesterday and with their

140

00:05:57,670 --> 00:05:56,639

departure expedition 37 has formally

141

00:05:59,749 --> 00:05:57,680

begun

142

00:06:01,510 --> 00:05:59,759

today is the first full day of that and

143

00:06:03,830 --> 00:06:01,520

the crew on board is enjoying an

144

00:06:05,990 --> 00:06:03,840

off-duty day as they were up fairly late

145

00:06:08,230 --> 00:06:06,000

last night supporting the landing from

146

00:06:09,590 --> 00:06:08,240

the international space station so they

147

00:06:11,350 --> 00:06:09,600

won't be

148

00:06:12,309 --> 00:06:11,360

doing much today getting a day of rest

149

00:06:14,309 --> 00:06:12,319

before

150

00:06:15,670 --> 00:06:14,319

starting the full contingent of science

151

00:06:17,990 --> 00:06:15,680

and repair work on board the