



1
00:01:31,990 --> 00:00:49,590
so

2
00:01:32,000 --> 00:01:46,789
uh

3
00:03:02,470 --> 00:01:57,030
so

4
00:03:02,480 --> 00:03:48,309
dude

5
00:03:48,319 --> 00:04:12,229
so

6
00:04:12,239 --> 00:04:16,069
foreign

7
00:04:16,079 --> 00:05:23,749
uh

8
00:05:23,759 --> 00:06:07,990
you

9
00:06:08,000 --> 00:06:33,590
uh

10
00:06:33,600 --> 00:06:55,430
hmm

11
00:09:44,630 --> 00:07:50,150
so

12
00:09:44,640 --> 00:09:51,269
okay

13
00:09:51,279 --> 00:10:21,509

i think

14

00:10:21,519 --> 00:10:35,269

yes

15

00:10:35,279 --> 00:11:48,069

uh

16

00:13:44,230 --> 00:12:43,590

so

17

00:13:44,240 --> 00:14:11,189

right now

18

00:14:11,199 --> 00:14:24,790

oh

19

00:14:24,800 --> 00:14:50,150

yes

20

00:14:55,430 --> 00:14:52,710

bill here in baikonur on a sunday

21

00:14:58,310 --> 00:14:55,440

uh this pad has not seen a manned soyuz

22

00:15:00,310 --> 00:14:58,320

launch for 28 years today a beehive of

23

00:15:01,750 --> 00:15:00,320

activity your reaction to the rollout

24

00:15:03,990 --> 00:15:01,760

and what lies ahead over the next two

25

00:15:05,829 --> 00:15:04,000

days it's been an absolutely beautiful

26

00:15:08,069 --> 00:15:05,839

day for the roll out today the weather

27

00:15:10,389 --> 00:15:08,079

is just perfect

28

00:15:12,790 --> 00:15:10,399

watching the sunrise here on the rocket

29

00:15:14,310 --> 00:15:12,800

is just phenomenal to see this

30

00:15:15,990 --> 00:15:14,320

i look at the launch pad i look at the

31

00:15:17,430 --> 00:15:16,000

preparation i look at the teams here

32

00:15:19,110 --> 00:15:17,440

that are getting ready to go launch this

33

00:15:20,710 --> 00:15:19,120

rocket and i just have the utmost

34

00:15:22,230 --> 00:15:20,720

respect for them and the work they're

35

00:15:24,389 --> 00:15:22,240

they're doing to get this rocket ready

36

00:15:27,670 --> 00:15:24,399

to go to the space station

37

00:15:29,990 --> 00:15:27,680

two pads now in working in tandem for uh

38

00:15:32,230 --> 00:15:30,000

not only manned soyuz operations but uh

39

00:15:35,829 --> 00:15:32,240

progress launches and other launches

40

00:15:37,350 --> 00:15:35,839

that rose cosmos has on its docket um

41

00:15:39,430 --> 00:15:37,360

how about the workload you've talked to

42

00:15:41,430 --> 00:15:39,440

the russians how are they handling them

43

00:15:43,430 --> 00:15:41,440

i mean they're doing very good it's a

44

00:15:45,350 --> 00:15:43,440

busy time we've got this launch here and

45

00:15:47,590 --> 00:15:45,360

then we'll have the progress launch and

46

00:15:50,150 --> 00:15:47,600

then follow that with another soyuz

47

00:15:52,230 --> 00:15:50,160

launch and a landing in there and an eva

48

00:15:53,430 --> 00:15:52,240

so if you look at this this time frame

49

00:15:55,189 --> 00:15:53,440

on board space station it's a pretty

50

00:15:56,790 --> 00:15:55,199

pretty busy time

51
00:15:58,870 --> 00:15:56,800
again the teams have done a tremendous

52
00:16:00,790 --> 00:15:58,880
job of sorting through things to figure

53
00:16:02,870 --> 00:16:00,800
out how to work in the eva we've got the

54
00:16:05,990 --> 00:16:02,880
dragon undocking also during this time

55
00:16:08,949 --> 00:16:06,000
frame and the dragon return as well as

56
00:16:10,389 --> 00:16:08,959
this launch so it's a dynamic time but

57
00:16:12,150 --> 00:16:10,399
but space station is still doing a

58
00:16:14,310 --> 00:16:12,160
tremendous amount of research lots of

59
00:16:16,069 --> 00:16:14,320
investigations going on you know on this

60
00:16:18,550 --> 00:16:16,079
soyuz here that sits on the launch pad

61
00:16:20,629 --> 00:16:18,560
there'll be some madoka fish launched up

62
00:16:22,629 --> 00:16:20,639
to the space station and those will

63
00:16:24,550 --> 00:16:22,639

they'll be housed in an aquarium on

64

00:16:26,949 --> 00:16:24,560

board the space station and they'll give

65

00:16:28,790 --> 00:16:26,959

us another chance to see another animal

66

00:16:30,389 --> 00:16:28,800

operate in the microgravity environment

67

00:16:32,710 --> 00:16:30,399

and see what we can learn from that from

68

00:16:34,629 --> 00:16:32,720

a research standpoint so busy time

69

00:16:36,389 --> 00:16:34,639

operationally lots of stuff going on but

70

00:16:38,150 --> 00:16:36,399

also lots of great research being done

71

00:16:39,670 --> 00:16:38,160

on board the space station that final

72

00:16:41,670 --> 00:16:39,680

question bill

73

00:16:43,350 --> 00:16:41,680

adding this eva for sonny williams and

74

00:16:45,030 --> 00:16:43,360

aki hoshide up on the station on

75

00:16:47,590 --> 00:16:45,040

november 1st to

76
00:16:48,949 --> 00:16:47,600
basically re-perform the cooling channel

77
00:16:50,790 --> 00:16:48,959
on the station

78
00:16:52,389 --> 00:16:50,800
in addition to all this visiting vehicle

79
00:16:54,710 --> 00:16:52,399
traffic that is just almost like an air

80
00:16:55,829 --> 00:16:54,720
traffic controller at an airport would

81
00:16:57,590 --> 00:16:55,839
face

82
00:16:58,629 --> 00:16:57,600
is this the new normal for the space

83
00:17:00,389 --> 00:16:58,639
station

84
00:17:02,310 --> 00:17:00,399
you know again i think in space you got

85
00:17:04,549 --> 00:17:02,320
to be prepared you got to be flexible to

86
00:17:06,390 --> 00:17:04,559
deal with what what you get you know

87
00:17:07,990 --> 00:17:06,400
it's a tribute to the team they saw this

88
00:17:10,549 --> 00:17:08,000

problem in the cooling system and they

89

00:17:12,390 --> 00:17:10,559

worked out a very effective way to go

90

00:17:14,470 --> 00:17:12,400

start troubleshooting and isolating that

91

00:17:15,750 --> 00:17:14,480

potential problem with a cooling system

92

00:17:17,189 --> 00:17:15,760

you know we didn't have to do it right

93

00:17:18,949 --> 00:17:17,199

now we had some time we could do it

94

00:17:20,549 --> 00:17:18,959

later but this is probably the right

95

00:17:22,710 --> 00:17:20,559

time to get it done to make sure that we

96

00:17:25,029 --> 00:17:22,720

keep station functional so again the

97

00:17:26,949 --> 00:17:25,039

teams balance a lot of objectives a lot

98

00:17:28,710 --> 00:17:26,959

of different things they figure out the

99

00:17:31,190 --> 00:17:28,720

right thing to do at the right time and

100

00:17:33,669 --> 00:17:31,200

put it in place the planners in houston

101
00:17:35,350 --> 00:17:33,679
the support people here in russia you

102
00:17:37,270 --> 00:17:35,360
know they look at this as an integrated

103
00:17:38,950 --> 00:17:37,280
activity and they find the best way to

104
00:17:41,350 --> 00:17:38,960
put things together and move forward so

105
00:17:43,190 --> 00:17:41,360
again i think as you see us learning to

106
00:17:44,549 --> 00:17:43,200
really live and operate in space this is

107
00:17:48,630 --> 00:17:44,559
probably the way it's going to be in the

108
00:17:54,310 --> 00:17:51,270
bob banking nasa's chief astronaut bob

109
00:17:55,830 --> 00:17:54,320
uh here in baikonur um soyuz ready to go

110
00:17:57,750 --> 00:17:55,840
ready to take kevin and his russian

111
00:17:59,669 --> 00:17:57,760
crewmates to orbit certainly uh you've

112
00:18:01,830 --> 00:17:59,679
talked to kevin over the last several

113
00:18:03,430 --> 00:18:01,840

days how is he doing how is the final

114

00:18:06,630 --> 00:18:03,440

stage of training

115

00:18:08,710 --> 00:18:06,640

entire cruise going on just excellent

116

00:18:11,029 --> 00:18:08,720

that we spent yesterday morning going

117

00:18:12,870 --> 00:18:11,039

over the final search and rescue plan as

118

00:18:15,110 --> 00:18:12,880

well as the ballistic profile so that

119

00:18:17,190 --> 00:18:15,120

the crew had all the final information

120

00:18:19,110 --> 00:18:17,200

and they had no questions and everything

121

00:18:21,190 --> 00:18:19,120

proceeded well so kevin's doing well i

122

00:18:23,830 --> 00:18:21,200

spent a couple hours discussing the

123

00:18:25,590 --> 00:18:23,840

mission itself and his role as he gets

124

00:18:27,430 --> 00:18:25,600

on board space station and potentially

125

00:18:29,350 --> 00:18:27,440

prepares for both a spacewalk and the

126
00:18:31,029 --> 00:18:29,360
release of the dragon spacecraft so he's

127
00:18:32,630 --> 00:18:31,039
looking forward to it i thought it was

128
00:18:35,190 --> 00:18:32,640
going to be my next question launching

129
00:18:38,070 --> 00:18:35,200
into one of the busiest weeks first

130
00:18:40,070 --> 00:18:38,080
weeks for a new expedition crew member

131
00:18:40,789 --> 00:18:40,080
that we've seen

132
00:18:43,110 --> 00:18:40,799
how

133
00:18:45,510 --> 00:18:43,120
can the time possibly be balanced to get

134
00:18:47,669 --> 00:18:45,520
kevin prepared to tackle this right

135
00:18:49,669 --> 00:18:47,679
right out of the box we've done several

136
00:18:51,990 --> 00:18:49,679
special things to try to get kevin as

137
00:18:54,630 --> 00:18:52,000
prepared as possible we had joe acaba

138
00:18:56,789 --> 00:18:54,640

the most recently returning soyuz space

139

00:18:59,190 --> 00:18:56,799

station crew member spend some time with

140

00:19:01,510 --> 00:18:59,200

kevin in star city when he came back for

141

00:19:03,430 --> 00:19:01,520

his landing ceremony his post flight

142

00:19:05,190 --> 00:19:03,440

ceremony that was really good for kevin

143

00:19:07,270 --> 00:19:05,200

to get some of the handover activities

144

00:19:08,950 --> 00:19:07,280

handled between him and joe on the

145

00:19:11,350 --> 00:19:08,960

ground prior to arriving on space

146

00:19:13,669 --> 00:19:11,360

station kevin's got a series of

147

00:19:15,669 --> 00:19:13,679

procedures in his hands to review in

148

00:19:17,190 --> 00:19:15,679

preparation for a potential upcoming

149

00:19:19,430 --> 00:19:17,200

spacewalk so that's another thing that

150

00:19:21,909 --> 00:19:19,440

we've done to try to best prepare him to

151

00:19:24,390 --> 00:19:21,919

jump into this very busy time so

152

00:19:26,310 --> 00:19:24,400

the combination of that and the uh the

153

00:19:27,190 --> 00:19:26,320

change in the uh return date for the

154

00:19:29,510 --> 00:19:27,200

crew

155

00:19:31,750 --> 00:19:29,520

for sunny anaki and uh and yuri when

156

00:19:33,669 --> 00:19:31,760

they return on the 19th of november i

157

00:19:35,669 --> 00:19:33,679

believe is what's up per the schedule

158

00:19:37,270 --> 00:19:35,679

right now all that has put us in a