



1
00:00:28,840 --> 00:00:50,630
so oh

2
00:00:50,640 --> 00:00:59,830
okay

3
00:00:59,840 --> 00:01:33,670
oh

4
00:01:33,680 --> 00:01:59,510
team

5
00:01:59,520 --> 00:02:14,070
do

6
00:02:14,080 --> 00:02:40,150
so

7
00:02:40,160 --> 00:03:01,990
what's up

8
00:03:02,000 --> 00:03:07,750
just

9
00:03:07,760 --> 00:03:30,789
right

10
00:03:30,799 --> 00:03:34,710
is

11
00:03:34,720 --> 00:03:53,429
foreign

12
00:03:53,439 --> 00:04:30,070
let's see

13
00:04:30,080 --> 00:04:54,070

oh

14

00:04:54,080 --> 00:05:23,350

hey

15

00:05:29,029 --> 00:05:25,670

joel montalbano deputy program manager

16

00:05:31,749 --> 00:05:29,039

for the international space station joel

17

00:05:34,230 --> 00:05:31,759

this is an almost unprecedented time of

18

00:05:36,230 --> 00:05:34,240

activity at the iss

19

00:05:38,390 --> 00:05:36,240

how will the visiting vehicles coming

20

00:05:39,749 --> 00:05:38,400

and going the research the spacewalks

21

00:05:43,270 --> 00:05:39,759

that lie ahead

22

00:05:45,110 --> 00:05:43,280

and this new crew all make it fit

23

00:05:47,189 --> 00:05:45,120

this is a challenge that we look forward

24

00:05:49,189 --> 00:05:47,199

to rob this is one of the measures of

25

00:05:51,029 --> 00:05:49,199

success of space station is how much

26

00:05:53,590 --> 00:05:51,039

utilization and research we can do on

27

00:05:55,270 --> 00:05:53,600

board so what we do is we plan we plan

28

00:05:57,510 --> 00:05:55,280

months in advance for this expedition

29

00:05:59,430 --> 00:05:57,520

like we do all the other expeditions and

30

00:06:01,270 --> 00:05:59,440

we basically take it one week at a time

31

00:06:03,029 --> 00:06:01,280

we have a list of priorities we lay them

32

00:06:05,830 --> 00:06:03,039

out and we just knock them down

33

00:06:07,430 --> 00:06:05,840

throughout the increments

34

00:06:09,430 --> 00:06:07,440

what are the biggest challenges that lie

35

00:06:11,510 --> 00:06:09,440

ahead for barry wilmore and his crew

36

00:06:13,430 --> 00:06:11,520

about to join the others on board the

37

00:06:16,550 --> 00:06:13,440

international space station as you

38

00:06:18,710 --> 00:06:16,560

prepare now and go into a new sort of

39

00:06:20,150 --> 00:06:18,720

mini assembly phase of the station to

40

00:06:22,150 --> 00:06:20,160

prepare it for the commercial crew

41

00:06:23,510 --> 00:06:22,160

vehicles that lie ahead in the future

42

00:06:25,749 --> 00:06:23,520

one of the biggest challenges is we're

43

00:06:27,830 --> 00:06:25,759

going to start road and research spacex

44

00:06:29,749 --> 00:06:27,840

4 which launched a couple days ago which

45

00:06:31,430 --> 00:06:29,759

will be berthing later today and then

46

00:06:33,350 --> 00:06:31,440

soyuz later this week we're going to

47

00:06:34,790 --> 00:06:33,360

start doing rodent research on board

48

00:06:36,550 --> 00:06:34,800

that's going to be a big challenge for

49

00:06:38,550 --> 00:06:36,560

for burying the crew but we're prepared

50

00:06:40,469 --> 00:06:38,560

they're trained and they're ready to go

51
00:06:42,390 --> 00:06:40,479
as far as commercial crew we have a

52
00:06:44,469 --> 00:06:42,400
series of evas scheduled for next year

53
00:06:46,469 --> 00:06:44,479
to prepare the vehicle for the arriving

54
00:06:48,230 --> 00:06:46,479
crews one of the big changes that we're

55
00:06:49,430 --> 00:06:48,240
going to have with the commercial crew

56
00:06:50,710 --> 00:06:49,440
is that we're going to be changing a

57
00:06:52,550 --> 00:06:50,720
little from commercial cargo to

58
00:06:54,230 --> 00:06:52,560
commercial crew and the sense that for

59
00:06:56,230 --> 00:06:54,240
commercial cargo we focused on the

60
00:06:57,749 --> 00:06:56,240
spacecraft we had insight into the

61
00:07:00,070 --> 00:06:57,759
rocket launch but we focused on the

62
00:07:01,589 --> 00:07:00,080
spacecraft for commercial crew we'll not

63
00:07:03,270 --> 00:07:01,599

only will focus on the spacecraft but

64

00:07:04,629 --> 00:07:03,280

we'll have much more focus on the launch

65

00:07:07,990 --> 00:07:04,639

vehicle

66

00:07:10,629 --> 00:07:08,000

and one final one joel you can't

67

00:07:12,790 --> 00:07:10,639

sit or stand on this launch pad yuri

68

00:07:15,189 --> 00:07:12,800

gagarin's launch pad and not think about

69

00:07:16,790 --> 00:07:15,199

the partnership that goes in to every

70

00:07:18,550 --> 00:07:16,800

launch but particularly when you have a

71

00:07:19,909 --> 00:07:18,560

crew about to head for the station what

72

00:07:21,670 --> 00:07:19,919

are your feelings and thoughts as

73

00:07:23,589 --> 00:07:21,680

another rocket goes

74

00:07:26,390 --> 00:07:23,599

vertical on the pad here

75

00:07:28,070 --> 00:07:26,400

this is a great place to be baikonur is

76

00:07:30,469 --> 00:07:28,080

you know the start of an expedition

77

00:07:32,469 --> 00:07:30,479

kazakhstan the end of an expedition the

78

00:07:34,950 --> 00:07:32,479

partnership today is as strong as it's

79

00:07:37,029 --> 00:07:34,960

ever been we're working together in and

80

00:07:39,510 --> 00:07:37,039

out every day with the crews with the

81

00:07:40,870 --> 00:07:39,520

partner agencies we have a really strong

82

00:07:43,830 --> 00:07:40,880

partnership and it's just something to

83

00:07:46,070 --> 00:07:43,840

look forward to every day

84

00:07:47,830 --> 00:07:46,080

fossum assistant director for flight

85

00:07:48,710 --> 00:07:47,840

operations at the johnson space center

86

00:07:51,350 --> 00:07:48,720

mike

87

00:07:53,350 --> 00:07:51,360

back here in baikonur another rocket

88

00:07:56,790 --> 00:07:53,360

at the pad ready to take another crew to

89

00:07:58,550 --> 00:07:56,800

the international space station

90

00:08:00,550 --> 00:07:58,560

what is the crew's preparedness i know

91

00:08:03,189 --> 00:08:00,560

you've talked to barry wilmore quite a

92

00:08:05,589 --> 00:08:03,199

bit over the past several weeks how

93

00:08:08,070 --> 00:08:05,599

ready is the crew for what is almost an

94

00:08:10,309 --> 00:08:08,080

unprecedented amount of activity

95

00:08:12,150 --> 00:08:10,319

well the crew thinks they're ready

96

00:08:13,589 --> 00:08:12,160

they've gone through two two and a half

97

00:08:15,430 --> 00:08:13,599

years of training around the planet to

98

00:08:16,790 --> 00:08:15,440

get ready for this day six months ago we

99

00:08:18,150 --> 00:08:16,800

were here as barry was part of the

100

00:08:20,230 --> 00:08:18,160

backup crew

101
00:08:22,629 --> 00:08:20,240
but mentally physically they're prepared

102
00:08:24,309 --> 00:08:22,639
prepared to engage there's a lot ahead

103
00:08:25,589 --> 00:08:24,319
there's a lot of challenges ahead with

104
00:08:26,950 --> 00:08:25,599
many vehicles

105
00:08:27,830 --> 00:08:26,960
and many

106
00:08:31,029 --> 00:08:27,840
short

107
00:08:34,389 --> 00:08:31,039
objectives

108
00:08:36,870 --> 00:08:34,399
what does barry bring to this crew that

109
00:08:38,870 --> 00:08:36,880
is going to enable him and samokutyaev

110
00:08:40,949 --> 00:08:38,880
and sarova and their crewmates on board

111
00:08:43,269 --> 00:08:40,959
already to be able to fulfill all the

112
00:08:45,590 --> 00:08:43,279
objectives and and to make sure that

113
00:08:47,750 --> 00:08:45,600

expedition 4142

114

00:08:49,829 --> 00:08:47,760

gets done what it needs to get done

115

00:08:52,550 --> 00:08:49,839

i think what barry brings is a real

116

00:08:54,470 --> 00:08:52,560

can-do gung-ho kind of attitude

117

00:08:56,230 --> 00:08:54,480

he developed that of course as a naval

118

00:08:57,829 --> 00:08:56,240

aviator test pilot

119

00:08:59,990 --> 00:08:57,839

as a shuttle crew member he had that

120

00:09:02,630 --> 00:09:00,000

reputation for somebody that just moved

121

00:09:04,630 --> 00:09:02,640

was thinking quickly moving quickly and

122

00:09:06,470 --> 00:09:04,640

jumped in with with great energy to get

123

00:09:08,070 --> 00:09:06,480

things done and i look forward to

124

00:09:10,790 --> 00:09:08,080

watching him do the same as he joins

125

00:09:15,030 --> 00:09:12,630

nasa astronaut scott kelly at the

126

00:09:17,030 --> 00:09:15,040

baikonur cosmodrome scott

127

00:09:19,750 --> 00:09:17,040

you're back at the launch site and now

128

00:09:22,230 --> 00:09:19,760

just six months away from 12 months away

129

00:09:24,710 --> 00:09:22,240

from the planet uh is the reality of the

130

00:09:26,790 --> 00:09:24,720

magnitude of the mission uh starting to

131

00:09:29,670 --> 00:09:26,800

strike home starting to really uh sink

132

00:09:33,030 --> 00:09:29,680

in yeah i think i think so um

133

00:09:37,750 --> 00:09:33,040

you being here in uh in baikonur it's uh

134

00:09:39,590 --> 00:09:37,760

for the first step to to get into space

135

00:09:41,350 --> 00:09:39,600

and my training has not been all that

136

00:09:43,110 --> 00:09:41,360

busy

137

00:09:44,710 --> 00:09:43,120

since i started

138

00:09:46,550 --> 00:09:44,720

about a year and a half two years ago

139

00:09:49,670 --> 00:09:46,560

it's been pretty nice pace but i think

140

00:09:51,829 --> 00:09:49,680

now is when it really starts to pick up

141

00:09:53,750 --> 00:09:51,839

with the final exams we had as a backup

142

00:09:55,910 --> 00:09:53,760

crew and then coming here and then going

143

00:09:57,430 --> 00:09:55,920

back to houston i uh

144

00:10:00,070 --> 00:09:57,440

yeah i anticipate

145

00:10:01,990 --> 00:10:00,080

you know having uh a lot more events

146

00:10:04,150 --> 00:10:02,000

scheduled and then a lot more travel