



1
00:00:19,359 --> 00:00:30,230
oh

2
00:00:30,240 --> 00:01:03,910
all right

3
00:01:03,920 --> 00:01:58,789
religious

4
00:01:58,799 --> 00:02:14,790
okay

5
00:02:14,800 --> 00:03:30,869
so

6
00:03:30,879 --> 00:05:56,870
here

7
00:05:56,880 --> 00:06:56,390
booster

8
00:07:36,469 --> 00:07:09,990
so

9
00:07:36,479 --> 00:08:08,150
uh

10
00:08:08,160 --> 00:08:19,589
so

11
00:08:19,599 --> 00:09:01,030
let's go

12
00:09:01,040 --> 00:10:40,470
so

13
00:10:40,480 --> 00:10:46,710

oh

14

00:10:50,310 --> 00:10:48,069

bill gerstenmaier associate

15

00:10:51,350 --> 00:10:50,320

administrator for human space flight uh

16

00:10:52,310 --> 00:10:51,360

bill

17

00:10:53,509 --> 00:10:52,320

first

18

00:10:55,910 --> 00:10:53,519

soyuz

19

00:10:57,509 --> 00:10:55,920

manned launch of the year is at hand and

20

00:10:59,190 --> 00:10:57,519

the first rocket of the year is here at

21

00:11:01,750 --> 00:10:59,200

the pad at microdoor

22

00:11:03,910 --> 00:11:01,760

your thoughts uh as this new crew

23

00:11:05,750 --> 00:11:03,920

prepares for a launch and a very complex

24

00:11:07,509 --> 00:11:05,760

six months in space

25

00:11:09,910 --> 00:11:07,519

you know again it's exciting to be here

26

00:11:11,590 --> 00:11:09,920

to get to see the rocket roll out

27

00:11:13,190 --> 00:11:11,600

to see the crews working on the rocket

28

00:11:15,509 --> 00:11:13,200

getting ready for the first launch this

29

00:11:17,590 --> 00:11:15,519

year and and i look at the upcoming

30

00:11:19,910 --> 00:11:17,600

period on space station and boy it's a

31

00:11:22,470 --> 00:11:19,920

dynamic time with the soyuz launch and

32

00:11:24,710 --> 00:11:22,480

the progress launch and

33

00:11:26,550 --> 00:11:24,720

the spacex launch and then the orbital

34

00:11:28,790 --> 00:11:26,560

launch so this next couple months will

35

00:11:30,550 --> 00:11:28,800

be extremely busy the crew's ready to go

36

00:11:32,310 --> 00:11:30,560

it's exciting to see

37

00:11:34,310 --> 00:11:32,320

all the teams come together to get ready

38

00:11:35,190 --> 00:11:34,320

to support this activity

39

00:11:42,310 --> 00:11:35,200

how

40

00:11:44,470 --> 00:11:42,320

in terms of the visiting vehicles

41

00:11:47,350 --> 00:11:44,480

you have a final flight of the european

42

00:11:49,350 --> 00:11:47,360

automated transfer vehicle on tap

43

00:11:51,829 --> 00:11:49,360

as this crew prepares to join the three

44

00:11:53,670 --> 00:11:51,839

already on board

45

00:11:55,350 --> 00:11:53,680

it's going to be a very dynamic period

46

00:11:57,269 --> 00:11:55,360

isn't it yeah it's a tremendously

47

00:11:59,590 --> 00:11:57,279

dynamic period with the launches coming

48

00:12:01,590 --> 00:11:59,600

up and all the activities what's neat

49

00:12:03,750 --> 00:12:01,600

again is seeing the the variety of

50

00:12:06,470 --> 00:12:03,760

spacecraft that go to space station to

51
00:12:09,350 --> 00:12:06,480
see the soyuz and the progress and

52
00:12:11,750 --> 00:12:09,360
the dragon and the antares and cygnus

53
00:12:14,150 --> 00:12:11,760
and then the atv coming later this year

54
00:12:15,990 --> 00:12:14,160
just a tremendously dynamic time but

55
00:12:18,550 --> 00:12:16,000
what's also cool is they're really

56
00:12:20,629 --> 00:12:18,560
carrying a lot of exciting research to

57
00:12:22,949 --> 00:12:20,639
space station so this is really again

58
00:12:24,949 --> 00:12:22,959
it's all about utilizing space utilizing

59
00:12:26,629 --> 00:12:24,959
the microgravity environment all these

60
00:12:29,430 --> 00:12:26,639
vehicles all these launches and the

61
00:12:31,190 --> 00:12:29,440
crews support all that activity

62
00:12:33,670 --> 00:12:31,200
mike fossum deputy director of flight

63
00:12:35,110 --> 00:12:33,680

crew operations for the iss here in

64

00:12:36,470 --> 00:12:35,120

baikonur mike

65

00:12:39,110 --> 00:12:36,480

first launch of the year is at hand

66

00:12:41,190 --> 00:12:39,120

soyuz behind you the crew obviously well

67

00:12:42,470 --> 00:12:41,200

trained how are steve and ollie and

68

00:12:44,310 --> 00:12:42,480

sasha ready

69

00:12:46,629 --> 00:12:44,320

in terms of their preparations on the

70

00:12:48,230 --> 00:12:46,639

eve of launch oh well for them it's been

71

00:12:49,750 --> 00:12:48,240

a two and a half year road to get here

72

00:12:51,190 --> 00:12:49,760

plus all of the years ahead of that and

73

00:12:52,790 --> 00:12:51,200

the and the other experience that they

74

00:12:54,230 --> 00:12:52,800

had they were assigned two and a half

75

00:12:55,829 --> 00:12:54,240

years ago they've been traveling around

76

00:12:57,430 --> 00:12:55,839

the globe about half of it out of the

77

00:12:59,190 --> 00:12:57,440

united states to other countries to

78

00:13:00,710 --> 00:12:59,200

prepare finally they're through their

79

00:13:02,629 --> 00:13:00,720

final exams they're down here in the

80

00:13:04,710 --> 00:13:02,639

two-week quarantine period

81

00:13:06,629 --> 00:13:04,720

they're excited as we get closer and

82

00:13:08,470 --> 00:13:06,639

closer every the world to them seems to

83

00:13:10,150 --> 00:13:08,480

pick up speed and everything's funneling

84

00:13:11,190 --> 00:13:10,160

down to this time coming to the launch

85

00:13:13,750 --> 00:13:11,200

pad

86

00:13:15,910 --> 00:13:13,760

you know steve and

87

00:13:17,829 --> 00:13:15,920

alexander schwarzoff they're veterans

88

00:13:20,629 --> 00:13:17,839

obviously

89

00:13:23,509 --> 00:13:20,639

alec artamaya for him he has lived and

90

00:13:26,389 --> 00:13:23,519

breathed space in his entire life how

91

00:13:28,470 --> 00:13:26,399

how uh dynamic is this a period ahead

92

00:13:29,990 --> 00:13:28,480

for them and how well skilled are they

93

00:13:31,269 --> 00:13:30,000

to tackle the challenge well they've

94

00:13:32,470 --> 00:13:31,279

they've been through the ringer they've

95

00:13:35,110 --> 00:13:32,480

been through all of the all of the

96

00:13:36,470 --> 00:13:35,120

preparation steps alex excited of course

97

00:13:39,030 --> 00:13:36,480

he's really excited because he's

98

00:13:40,470 --> 00:13:39,040

stepping into something unknown uh for

99

00:13:42,790 --> 00:13:40,480

the other guys they they've been here

100

00:13:45,189 --> 00:13:42,800

before maybe not to this launch pad but

101
00:13:47,430 --> 00:13:45,199
they they know what to expect

102
00:13:49,910 --> 00:13:47,440
for me having flown with uh

103
00:13:51,350 --> 00:13:49,920
new guys rookies it's really exciting to

104
00:13:53,910 --> 00:13:51,360
share that experience with them as they

105
00:13:56,150 --> 00:13:53,920
get the first look out of the the window

106
00:13:59,030 --> 00:13:56,160
of the spacecraft at the earth below and

107
00:14:01,509 --> 00:13:59,040
as you really go from being the rookie

108
00:14:04,710 --> 00:14:01,519
with a big silly grin to being uh you

109
00:14:06,710 --> 00:14:04,720
know an experienced uh uh space operator

110
00:14:08,470 --> 00:14:06,720
and and as you can get into orbit and

111
00:14:10,949 --> 00:14:08,480
then really get to work and getting

112
00:14:12,790 --> 00:14:10,959
things done making things happen

113
00:14:14,629 --> 00:14:12,800

you know none of this is possible

114

00:14:16,790 --> 00:14:14,639

obviously as we stand on gagarin's

115

00:14:19,110 --> 00:14:16,800

launch pad without the international

116

00:14:21,670 --> 00:14:19,120

cooperation that's attached to it how

117

00:14:23,350 --> 00:14:21,680

closely are you watching uh the us and

118

00:14:25,590 --> 00:14:23,360

russians working side by side and what

119

00:14:26,870 --> 00:14:25,600

does that portend for the future as well

120

00:14:28,870 --> 00:14:26,880

well i think the international

121

00:14:31,110 --> 00:14:28,880

cooperation of the 15 nations we have

122

00:14:32,710 --> 00:14:31,120

participating in the international uh

123

00:14:34,629 --> 00:14:32,720

space station program are really

124

00:14:36,389 --> 00:14:34,639

important it's great as we share our

125

00:14:39,829 --> 00:14:36,399

resources from the different countries

126

00:14:41,829 --> 00:14:39,839

with our our our skills uh and our

127

00:14:43,750 --> 00:14:41,839

teamwork our experience comes together

128

00:14:45,670 --> 00:14:43,760

to make these kind of things happen it's

129

00:14:47,750 --> 00:14:45,680

important to us now to have the the

130

00:14:48,949 --> 00:14:47,760

russian soyuz spacecraft as our way of

131

00:14:50,949 --> 00:14:48,959

getting people to and from the

132

00:14:53,030 --> 00:14:50,959

international space station and we're

133

00:14:55,750 --> 00:14:53,040

working hard on the next commercial crew

134

00:14:57,750 --> 00:14:55,760

vehicle the next nasa vehicle and we're

135

00:15:00,470 --> 00:14:57,760

beginning to have the discussions now on

136

00:15:01,509 --> 00:15:00,480

how we're going to be using the the new

137

00:15:04,230 --> 00:15:01,519

vehicle

138

00:15:05,670 --> 00:15:04,240

as well as the soyuz to uh to get access