



1
00:01:25,520 --> 00:02:12,309
yes

2
00:02:12,319 --> 00:02:45,030
oh

3
00:02:45,040 --> 00:03:03,910
um

4
00:03:03,920 --> 00:03:34,149
good

5
00:05:27,749 --> 00:03:48,390
oh

6
00:05:30,870 --> 00:05:29,189
bill gerstenmaier the associate

7
00:05:32,790 --> 00:05:30,880
administrator for human exploration

8
00:05:34,310 --> 00:05:32,800
built um

9
00:05:36,550 --> 00:05:34,320
18 years

10
00:05:38,550 --> 00:05:36,560
since first element launch from this

11
00:05:40,310 --> 00:05:38,560
very complex

12
00:05:41,990 --> 00:05:40,320
two launches wrapped around the landing

13
00:05:43,990 --> 00:05:42,000

in a four week period what does that

14

00:05:46,150 --> 00:05:44,000

tell you about how far this program has

15

00:05:48,310 --> 00:05:46,160

come in almost two decades yeah it's

16

00:05:50,230 --> 00:05:48,320

absolutely amazing when when i think

17

00:05:51,990 --> 00:05:50,240

back to the beginning of space station i

18

00:05:53,590 --> 00:05:52,000

didn't think of all the elements and all

19

00:05:55,430 --> 00:05:53,600

the work that's come together to end up

20

00:05:58,550 --> 00:05:55,440

with this wonderful space station on

21

00:06:00,230 --> 00:05:58,560

orbit and then to see this pace of this

22

00:06:02,469 --> 00:06:00,240

two launches and the landing in this

23

00:06:04,790 --> 00:06:02,479

very short period of time here in

24

00:06:06,469 --> 00:06:04,800

kazakhstan is just absolutely amazing

25

00:06:08,390 --> 00:06:06,479

the teams are really focused they're

26
00:06:09,110 --> 00:06:08,400
really working hard behind the scenes to

27
00:06:13,830 --> 00:06:09,120
make

28
00:06:15,590 --> 00:06:13,840
demanding set of work really effective

29
00:06:17,510 --> 00:06:15,600
and and i just can't say enough for the

30
00:06:18,790 --> 00:06:17,520
partnership and the teams and the folks

31
00:06:20,390 --> 00:06:18,800
that are coming together to make all

32
00:06:21,990 --> 00:06:20,400
this happen

33
00:06:23,749 --> 00:06:22,000
peggy whitson hardly needs any

34
00:06:26,150 --> 00:06:23,759
introduction to human space flight an

35
00:06:27,909 --> 00:06:26,160
iconic figure in her own right

36
00:06:29,510 --> 00:06:27,919
she's flying again what does she bring

37
00:06:31,430 --> 00:06:29,520
to the table here over the next six

38
00:06:33,350 --> 00:06:31,440

months of what will be a very

39

00:06:35,510 --> 00:06:33,360

challenging pair of increments

40

00:06:36,550 --> 00:06:35,520

yeah again we have a lot of activity in

41

00:06:38,710 --> 00:06:36,560

front of us you know we're going to do

42

00:06:41,110 --> 00:06:38,720

the the htv launch and the battery

43

00:06:43,110 --> 00:06:41,120

change out peggy will play a key role in

44

00:06:45,029 --> 00:06:43,120

that there's a lot of research in

45

00:06:47,590 --> 00:06:45,039

science going on board station so a lot

46

00:06:49,510 --> 00:06:47,600

of activity for her to really get it up

47

00:06:51,110 --> 00:06:49,520

to speed and start doing work so we're

48

00:06:52,469 --> 00:06:51,120

looking forward to having peggy and her

49

00:06:54,469 --> 00:06:52,479

crew on orbit

50

00:06:56,230 --> 00:06:54,479

to get the crew size up to six and to

51
00:06:57,990 --> 00:06:56,240
really really start showing what this

52
00:06:59,670 --> 00:06:58,000
facility can do in terms of research

53
00:07:01,029 --> 00:06:59,680
potential for every one of us here on

54
00:07:03,270 --> 00:07:01,039
the earth

55
00:07:04,390 --> 00:07:03,280
kirk shireman the iss program manager

56
00:07:06,230 --> 00:07:04,400
kirk

57
00:07:09,110 --> 00:07:06,240
it's hard to believe but uh

58
00:07:11,510 --> 00:07:09,120
we're wrapping a second launch around

59
00:07:13,510 --> 00:07:11,520
the landing within a four week period

60
00:07:15,990 --> 00:07:13,520
what does this say about the russians

61
00:07:17,830 --> 00:07:16,000
preparation for all of this plus the

62
00:07:19,430 --> 00:07:17,840
impact it has in promoting uh the

63
00:07:21,270 --> 00:07:19,440

program and keeping everything going

64

00:07:23,749 --> 00:07:21,280

it's it's really important to execute

65

00:07:25,110 --> 00:07:23,759

what we've been uh what we set up and uh

66

00:07:27,670 --> 00:07:25,120

we really need to have this crew on

67

00:07:29,430 --> 00:07:27,680

orbit to accomplish all our research so

68

00:07:31,510 --> 00:07:29,440

we're very happy that they're they're

69

00:07:33,350 --> 00:07:31,520

launching here the fact that we've had

70

00:07:36,390 --> 00:07:33,360

two launches and a landing here in the

71

00:07:38,070 --> 00:07:36,400

last month is just fantastic a very uh

72

00:07:39,670 --> 00:07:38,080

very experienced team excellent team

73

00:07:41,990 --> 00:07:39,680

they work very well together

74

00:07:43,830 --> 00:07:42,000

and and we're happy to be part of it

75

00:07:46,550 --> 00:07:43,840

let's talk about the partnership for a

76
00:07:48,629 --> 00:07:46,560
second wrapping up almost two decades

77
00:07:51,270 --> 00:07:48,639
since first element launch 50

78
00:07:53,350 --> 00:07:51,280
expeditions into this program now uh

79
00:07:55,909 --> 00:07:53,360
your thoughts on uh where we've come in

80
00:07:57,990 --> 00:07:55,919
the last 18 years or so yeah it's just

81
00:08:00,070 --> 00:07:58,000
amazing of course we just celebrated our

82
00:08:01,510 --> 00:08:00,080
16th anniversary of human habitation on

83
00:08:03,589 --> 00:08:01,520
november 2nd

84
00:08:06,150 --> 00:08:03,599
i was fortunate to be here on

85
00:08:08,790 --> 00:08:06,160
november 20th 1998 when

86
00:08:10,230 --> 00:08:08,800
the fgb zarya was launched from from

87
00:08:12,390 --> 00:08:10,240
right here is a few miles away on the

88
00:08:14,230 --> 00:08:12,400

cosmodrome it's just amazing to think

89

00:08:15,909 --> 00:08:14,240

back all the things that have occurred

90

00:08:17,990 --> 00:08:15,919

all the flights all the assembly all the

91

00:08:19,430 --> 00:08:18,000

research that's come that's gone on and

92

00:08:21,990 --> 00:08:19,440

now we're celebrating the 50th

93

00:08:23,350 --> 00:08:22,000

expedition on board iss so truly an

94

00:08:25,110 --> 00:08:23,360

amazing time

95

00:08:26,390 --> 00:08:25,120

we're very very excited about what this

96

00:08:29,110 --> 00:08:26,400

crew is going to be doing on orbit a

97

00:08:29,909 --> 00:08:29,120

full a full suite of experiments they

98

00:08:32,709 --> 00:08:29,919

have

99

00:08:34,149 --> 00:08:32,719

over 300 experiments to do 89 of which

100

00:08:36,469 --> 00:08:34,159

are brand new have never been done on

101
00:08:41,430 --> 00:08:36,479
iss and so we're looking forward to

102
00:08:45,350 --> 00:08:43,029
when we see all these people working

103
00:08:47,910 --> 00:08:45,360
together from different we have either

104
00:08:50,550 --> 00:08:47,920
kazakh the russian the american flag but

105
00:08:52,710 --> 00:08:50,560
also the french flag we are european

106
00:08:55,190 --> 00:08:52,720
space agency what does it mean all these

107
00:08:57,670 --> 00:08:55,200
people working together in a time where

108
00:08:59,430 --> 00:08:57,680
tensions in the world are growing

109
00:09:01,509 --> 00:08:59,440
well i think it's very important if as

110
00:09:03,110 --> 00:09:01,519
astronauts you fly to the space station

111
00:09:04,630 --> 00:09:03,120
you look to our planet and you see that

112
00:09:07,269 --> 00:09:04,640
there are no borders

113
00:09:09,750 --> 00:09:07,279

uh and so it very clearly shows here as

114

00:09:11,829 --> 00:09:09,760

well that despite all the difficulties

115

00:09:13,430 --> 00:09:11,839

that we have on our planet people still

116

00:09:15,030 --> 00:09:13,440

come together and can work together and

117

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

can achieve great things and i think it

118

00:09:19,269 --> 00:09:17,040

should be an example for everybody on

119

00:09:20,070 --> 00:09:19,279

this planet

120

00:09:22,550 --> 00:09:20,080

yes

121

00:09:23,590 --> 00:09:22,560

we are all part of a of an international

122

00:09:26,949 --> 00:09:23,600

endeavor

123

00:09:28,389 --> 00:09:26,959

for the peaceful future of of humankind

124

00:09:30,470 --> 00:09:28,399

and space

125

00:09:31,990 --> 00:09:30,480

is an excellent place to work together

126

00:09:34,150 --> 00:09:32,000

to find