



1  
00:00:11,280 --> 00:00:30,070  
is

2  
00:00:30,080 --> 00:01:51,030  
uh

3  
00:02:19,430 --> 00:02:03,030  
oh

4  
00:02:19,440 --> 00:02:32,790  
um

5  
00:04:00,309 --> 00:03:13,830  
so

6  
00:04:00,319 --> 00:04:27,430  
is

7  
00:04:27,440 --> 00:06:31,990  
um

8  
00:06:32,000 --> 00:07:11,670  
uh

9  
00:07:11,680 --> 00:07:51,110  
and we can get him walking

10  
00:07:51,120 --> 00:08:51,829  
so

11  
00:08:51,839 --> 00:10:27,030  
there's again

12  
00:10:30,870 --> 00:10:29,430  
astronaut doug hurley husband of karen

13  
00:10:33,269 --> 00:10:30,880

nyberg doug

14

00:10:36,630 --> 00:10:33,279

on a gorgeous day here in baikonur

15

00:10:38,630 --> 00:10:36,640

karen's ticket to ride is ready to uh

16

00:10:40,870 --> 00:10:38,640

be hoisted for final preparations for

17

00:10:42,630 --> 00:10:40,880

launch she's been training hard and for

18

00:10:44,710 --> 00:10:42,640

a long time for this flight what's her

19

00:10:46,550 --> 00:10:44,720

level of preparation excitement her

20

00:10:48,470 --> 00:10:46,560

anticipation at this point well i think

21

00:10:50,230 --> 00:10:48,480

it's a lot of everything rob you know

22

00:10:51,990 --> 00:10:50,240

she's as you said you know it's been

23

00:10:53,910 --> 00:10:52,000

almost a three year journey to get to

24

00:10:55,670 --> 00:10:53,920

this point there's just a tremendous

25

00:10:57,030 --> 00:10:55,680

amount of excitement and i think you

26

00:10:59,350 --> 00:10:57,040

know folks as they go through the

27

00:11:01,269 --> 00:10:59,360

training for one of these expeditions

28

00:11:02,790 --> 00:11:01,279

you kind of you know you keep plodding

29

00:11:03,910 --> 00:11:02,800

along and working hard and doing all

30

00:11:05,509 --> 00:11:03,920

your traveling and your training and

31

00:11:07,110 --> 00:11:05,519

then now it's finally that you know

32

00:11:08,949 --> 00:11:07,120

we're a couple days from a lot so she's

33

00:11:11,030 --> 00:11:08,959

very very excited to be getting ready to

34

00:11:12,710 --> 00:11:11,040

go finally

35

00:11:14,710 --> 00:11:12,720

so karen takes off she leaves the home

36

00:11:17,190 --> 00:11:14,720

fires burning for you uh

37

00:11:19,110 --> 00:11:17,200

how do you guys juggle the preparations

38

00:11:21,110 --> 00:11:19,120

and then obviously for the next five six

39

00:11:23,350 --> 00:11:21,120  
months your execution of everything back

40

00:11:24,550 --> 00:11:23,360  
at home well it's uh it's a lot of

41

00:11:26,790 --> 00:11:24,560  
different things a lot of support from

42

00:11:28,630 --> 00:11:26,800  
family and friends and and a lot of

43

00:11:30,870 --> 00:11:28,640  
planning and uh you know karen is

44

00:11:32,550 --> 00:11:30,880  
meticulous about everything in her life

45

00:11:34,470 --> 00:11:32,560  
and you know i think we've got a good

46

00:11:36,710 --> 00:11:34,480  
plan to get get our family through the

47

00:11:38,550 --> 00:11:36,720  
next five months and and obviously with

48

00:11:40,710 --> 00:11:38,560  
all the the great

49

00:11:42,389 --> 00:11:40,720  
family support folks at nasa and all the

50

00:11:43,750 --> 00:11:42,399  
things we can do she can call us from

51  
00:11:45,590 --> 00:11:43,760  
the space station we can do video

52  
00:11:47,350 --> 00:11:45,600  
conferences so

53  
00:11:48,710 --> 00:11:47,360  
i think i think we're well prepared for

54  
00:11:50,230 --> 00:11:48,720  
this

55  
00:11:51,750 --> 00:11:50,240  
for a crew member in the final days

56  
00:11:53,750 --> 00:11:51,760  
before launch

57  
00:11:55,269 --> 00:11:53,760  
it's as much psychological as it is

58  
00:11:57,110 --> 00:11:55,279  
anything else to get in the right frame

59  
00:11:59,110 --> 00:11:57,120  
of mind have your wits about you all

60  
00:12:02,230 --> 00:11:59,120  
your procedures

61  
00:12:05,509 --> 00:12:02,240  
at your disposal what goes into these

62  
00:12:07,350 --> 00:12:05,519  
final days of training if you will or is

63  
00:12:09,269 --> 00:12:07,360

it more relaxation than just getting in

64

00:12:11,110 --> 00:12:09,279

the right frame of mind so for the last

65

00:12:12,870 --> 00:12:11,120

couple weeks the crew has actually been

66

00:12:14,870 --> 00:12:12,880

down here in baikonur going through

67

00:12:16,470 --> 00:12:14,880

final fit checks and preparations for

68

00:12:17,670 --> 00:12:16,480

launch and they've had a pretty relaxed

69

00:12:19,670 --> 00:12:17,680

schedule

70

00:12:21,430 --> 00:12:19,680

the last four days or so prior to launch

71

00:12:23,670 --> 00:12:21,440

accelerate pretty quickly and the

72

00:12:25,190 --> 00:12:23,680

preparations are very mundane whether

73

00:12:27,590 --> 00:12:25,200

it's packing up the things that you've

74

00:12:29,430 --> 00:12:27,600

had the last couple weeks or planning uh

75

00:12:31,269 --> 00:12:29,440

which bag will be in which location

76

00:12:32,550 --> 00:12:31,279

based on which landing site you may

77

00:12:34,389 --> 00:12:32,560

actually end up

78

00:12:35,829 --> 00:12:34,399

when you actually return and so karen's

79

00:12:37,829 --> 00:12:35,839

been going through all of those

80

00:12:40,389 --> 00:12:37,839

activities and i'll say the last four

81

00:12:42,310 --> 00:12:40,399

days or so have been pretty mundane

82

00:12:43,750 --> 00:12:42,320

until she leads up to the launch

83

00:12:45,350 --> 00:12:43,760

activities that of course are pretty

84

00:12:47,030 --> 00:12:45,360

exciting

85

00:12:49,350 --> 00:12:47,040

when she and her crew mates reach the

86

00:12:51,350 --> 00:12:49,360

international space station no time to

87

00:12:53,269 --> 00:12:51,360

lose they're often running on six months

88

00:12:55,030 --> 00:12:53,279

of almost every facet of human space

89

00:12:57,750 --> 00:12:55,040

flight with the visiting vehicles the

90

00:12:59,990 --> 00:12:57,760

space walks and so forth how complex

91

00:13:01,910 --> 00:13:00,000

will this increment be over the next six

92

00:13:03,350 --> 00:13:01,920

months until november you're exactly

93

00:13:05,269 --> 00:13:03,360

right rob this is going to be a very

94

00:13:07,910 --> 00:13:05,279

very busy increment the crew is going to

95

00:13:10,629 --> 00:13:07,920

face uh multiple visiting vehicles

96

00:13:11,590 --> 00:13:10,639

upwards of five spacewalks uh u.s and

97

00:13:13,910 --> 00:13:11,600

russian

98

00:13:15,910 --> 00:13:13,920

so it should be a very interesting time

99

00:13:17,269 --> 00:13:15,920

i think the most interesting time

100

00:13:18,790 --> 00:13:17,279

probably will be towards the end of the

101  
00:13:21,110 --> 00:13:18,800  
increment where we're planning to have

102  
00:13:22,949 --> 00:13:21,120  
three soyuz docked simultaneously which

103  
00:13:24,389 --> 00:13:22,959  
will be a unique experience for karen

104  
00:13:26,069 --> 00:13:24,399  
and the rest of her crew to participate

105  
00:13:28,790 --> 00:13:26,079  
in but they're all prepared and they're

106  
00:13:30,710 --> 00:13:28,800  
looking forward to the challenge

107  
00:13:32,790 --> 00:13:30,720  
you're the head of the astronaut center

108  
00:13:35,030 --> 00:13:32,800  
but you're also a former astronaut so

109  
00:13:37,590 --> 00:13:35,040  
what does it feel to be here now on the

110  
00:13:39,350 --> 00:13:37,600  
launch pad yeah it's of course always a

111  
00:13:41,030 --> 00:13:39,360  
great pleasure to be here on the launch

112  
00:13:43,590 --> 00:13:41,040  
launch pad it means that we have one of

113  
00:13:45,430 --> 00:13:43,600

our european astronauts from the esa

114

00:13:47,670 --> 00:13:45,440

astronaut corps flying to space luca

115

00:13:49,430 --> 00:13:47,680

parmitano in this case from italy is

116

00:13:51,509 --> 00:13:49,440

going to launch from this path in two

117

00:13:52,949 --> 00:13:51,519

days it's always an exciting moment and

118

00:13:55,350 --> 00:13:52,959

we are looking forward to a great

119

00:13:57,509 --> 00:13:55,360

mission those missions long duration

120

00:13:59,430 --> 00:13:57,519

mission and you've been part of one are

121

00:14:00,949 --> 00:13:59,440

very important for example what do they

122

00:14:02,710 --> 00:14:00,959

represent first

123

00:14:04,710 --> 00:14:02,720

the long duration missions are very

124

00:14:06,470 --> 00:14:04,720

important for esa of course we do a lot

125

00:14:08,150 --> 00:14:06,480

of science during those long duration

126

00:14:10,069 --> 00:14:08,160

missions but we also build up a lot of

127

00:14:12,629 --> 00:14:10,079

the expertise of the european astronaut

128

00:14:14,710 --> 00:14:12,639

core it's really an example of our

129

00:14:16,550 --> 00:14:14,720

participation in the international space

130

00:14:18,550 --> 00:14:16,560

station we can show it to the whole

131

00:14:20,310 --> 00:14:18,560

world how we

132

00:14:21,990 --> 00:14:20,320

continue to work together with our

133

00:14:24,710 --> 00:14:22,000

international partners and how we

134

00:14:27,430 --> 00:14:24,720

participate in this great program

135

00:14:29,430 --> 00:14:27,440

this type of operation when you're a

136

00:14:31,189 --> 00:14:29,440

national are they difficult to follow or

137

00:14:32,550 --> 00:14:31,199

is it something that you've been waiting

138

00:14:34,550 --> 00:14:32,560

for and that maybe you're missing

139

00:14:36,069 --> 00:14:34,560

yourself now yeah as an astronaut of

140

00:14:37,670 --> 00:14:36,079

course you always have a dual feeling

141

00:14:39,910 --> 00:14:37,680

when you stand here it's great to see it

142

00:14:41,430 --> 00:14:39,920

but you remember your own time of course

143

00:14:43,509 --> 00:14:41,440

i would prefer to go back into the

144

00:14:44,870 --> 00:14:43,519

rocket and to fly to space myself but

145

00:14:47,590 --> 00:14:44,880

now it's the time for our young

146

00:14:50,550 --> 00:14:47,600

generation of astronauts to fly to

147

00:14:52,710 --> 00:14:50,560

get expertise in human space flight luco

148

00:14:54,870 --> 00:14:52,720

is the first of the new core to fly it

149

00:14:57,670 --> 00:14:54,880

will be great for him but we have many