



1
00:00:00,770 --> 00:00:14,880
Station Houston are you ready for the
event the event CBS News this is Mission

2
00:00:14,880 --> 00:00:19,199
Control Houston please call station for
a voice check called station pulsation

3
00:00:19,199 --> 00:00:26,189
this is Bill Harwood CBS News how do you
hear me I hear you great bill how do you

4
00:00:26,189 --> 00:00:30,840
hear me loud and clear Jack thank you
very very much for taking a few minutes

5
00:00:30,840 --> 00:00:33,600
to chat I know you guys have been busy
up there I am

6
00:00:33,600 --> 00:00:37,649
I do enjoy your tweets I saw some fun
shots of you and Peggy decked out and

7
00:00:37,649 --> 00:00:41,460
all of your fourth of July regalia do
you guys do anything special besides

8
00:00:41,460 --> 00:00:47,910
just the photo shoot I know
unfortunately we had that we had to work

9
00:00:47,910 --> 00:00:52,800
we had a few experiments that demanded a
strict timeline so we we stuck with

10
00:00:52,800 --> 00:00:58,649
those but we at least got to take a few
minutes to do the photos and and show

11
00:00:58,649 --> 00:01:03,030
everybody on the ground how much we love
our country well you know I appreciate

12
00:01:03,030 --> 00:01:07,290
that I really enjoyed the video you said
Dale - that was pretty cool but you know

13
00:01:07,290 --> 00:01:10,650
your comment just leads right into my
next question which was you know before

14
00:01:10,650 --> 00:01:14,280
Peggy was added to the crew you know you
were looking at a fairly long stretch

15
00:01:14,280 --> 00:01:18,810
this summer with just you onboard to
carry out us research so how much has it

16
00:01:18,810 --> 00:01:22,200
meant to have Peggy up there during this
period to help out with the science and

17
00:01:22,200 --> 00:01:29,579
how busy have you guys been with
research we've definitely been busy the

18
00:01:29,579 --> 00:01:37,979
spacex dragon spacing came up with six
tons of cargo and mostly science so from

19
00:01:37,979 --> 00:01:44,100
the moment it docked on about the 4th of
4th or 5th of June until it undocked a

20
00:01:44,100 --> 00:01:49,409
week or so ago we were we were it was a
sprint we were definitely doing a lot of

21
00:01:49,409 --> 00:01:56,060
science to get all of that that body of
work complete and then get all those

22
00:01:56,060 --> 00:02:00,630
experiments and samples back to the
ground for further study so it's

23
00:02:00,630 --> 00:02:05,189
definitely been busy and as far as
having Peggy on board I call her the

24
00:02:05,189 --> 00:02:10,140
space ninja because you know she has
more experience than any US astronaut on

25
00:02:10,140 --> 00:02:15,480
orbit now and she's just a ninja
just floats all over the place knocking

26
00:02:15,480 --> 00:02:20,190
out tasks and and it's great to have her
up here she's definitely worth more than

27
00:02:20,190 --> 00:02:25,050
having just one person she's like having
four so I kind of feel like we had we

28
00:02:25,050 --> 00:02:29,880
had four or five people working on
science there for a month and we're able

29
00:02:29,880 --> 00:02:33,840
to get it all done well you know I was
going to ask you is it old fighter Chuck

30
00:02:33,840 --> 00:02:36,930
like you how is it having a researcher
on board as she turned you into a

31
00:02:36,930 --> 00:02:46,290
scientist yet I don't know if you can
but she's she's definitely a scientist

32
00:02:46,290 --> 00:02:52,080
but she's got a good good dab of Chuck
Norris in her too so so we get along

33
00:02:52,080 --> 00:02:57,000
great and we just have we both love
working and we love what we're doing up

34
00:02:57,000 --> 00:02:59,070
here
it really doesn't feel like work

35
00:02:59,070 --> 00:03:04,140
everything is fun whether it's you know
working on the toilet or or doing

36
00:03:04,140 --> 00:03:08,610
cutting-edge research we we pretty much
love at all and we're just having a

37
00:03:08,610 --> 00:03:13,620
great time well let me back up just a
little bit to your launch I spoke to you

38
00:03:13,620 --> 00:03:17,010
before launch about your expectations
when it comes to running in the Soyuz

39
00:03:17,010 --> 00:03:21,750
but how did expectation match up with
reality what were your impressions of

40
00:03:21,750 --> 00:03:29,250
riding that spacecraft orbit and you
know I thought it would be like taking

41
00:03:29,250 --> 00:03:33,150
off in the Raptor you know it gives you
a good kick in the pants right but it

42
00:03:33,150 --> 00:03:39,300
wasn't just a kick in the pants it was
like it just it lasted for eight minutes

43
00:03:39,300 --> 00:03:46,410
and just did the power it was like
getting on a big ol wild bull and riding

44
00:03:46,410 --> 00:03:53,340
up to orbit it was just amazing and then
as soon as we kicked off and our little

45
00:03:53,340 --> 00:03:57,360
weightlessness indicators started
bouncing around I looked out the window

46
00:03:57,360 --> 00:04:06,180
and and just the view was amazing it was
this teeny little blue strip that was

47
00:04:06,180 --> 00:04:10,380
going around the earth and all the life
that we know lives in that little teeny

48
00:04:10,380 --> 00:04:16,700
blue thin line so so that was a amazing
perspective check almost immediately

49
00:04:16,700 --> 00:04:21,900
there was a point at which right before
we were docking that a theater had to go

50
00:04:21,900 --> 00:04:27,180
Juke and you know get me back in the
game because that was

51
00:04:27,180 --> 00:04:32,039
turn out the window at this beautiful
Space Station we are about to dock - it

52
00:04:32,039 --> 00:04:38,940
was amazing and it blew my expectations
away well that sounds pretty cool how

53
00:04:38,940 --> 00:04:42,870
about the spacewalks you got to do two
spacewalks and again I'll ask the same

54
00:04:42,870 --> 00:04:46,320
question how did expectations
match reality especially given all the

55
00:04:46,320 --> 00:04:50,280
hours you spent in the swimming pool
practicing for this thing for these

56
00:04:50,280 --> 00:04:57,870
types of events but the reality must be
different oh yeah and you know I grew up

57
00:04:57,870 --> 00:05:02,750
on a construction site with a
construction family and so I just

58
00:05:02,750 --> 00:05:07,650
building and and and getting out and
using my hands are what really drive me

59
00:05:07,650 --> 00:05:14,789
and I love working at the MBL the
buoyancy laboratory you mentioned it's a

60
00:05:14,789 --> 00:05:25,229
ton of fun and going outside is a ton of
fun but wow what a view it's just - you

61
00:05:25,229 --> 00:05:29,250
know we look out the window all the time
here and it's an amazing view but when

62
00:05:29,250 --> 00:05:33,870
you go outside and there's nothing but
this little visor between you and the

63
00:05:33,870 --> 00:05:39,110
vacuum of space you can look up and see
more stars and galaxies and just

64
00:05:39,110 --> 00:05:44,940
unimaginable depths of the universe that
you can't see anywhere else and to look

65
00:05:44,940 --> 00:05:50,729
down and have just this panoramic view
of the earth with no window panes and

66
00:05:50,729 --> 00:05:58,560
nothing in the way oh my gosh
it was amazing man you want to go hey

67
00:05:58,560 --> 00:06:02,280
you're about a you're about halfway
through well we'll be back up you you

68
00:06:02,280 --> 00:06:04,770
talk about having that space down
between you and the vacuum is there

69
00:06:04,770 --> 00:06:10,610
anything scary about it or you guys so
trained that that's not even a factor

70
00:06:11,300 --> 00:06:15,720
well I mean I guess you could get
paralyzed by the fear there's a lot of

71
00:06:15,720 --> 00:06:20,580
things up here that can kill you but we
have to trust in our systems and in the

72
00:06:20,580 --> 00:06:25,789
incredible team we have protecting us
and keeping us safe every day you know

73
00:06:25,789 --> 00:06:32,820
we're up here on the space station there
are so many systems that we cannot

74
00:06:32,820 --> 00:06:39,389
possibly control or monitor and we have
to depend on a worldwide team to keep us

75
00:06:39,389 --> 00:06:43,539
safe and keep this play
running every day so we have to trust in

76
00:06:43,539 --> 00:06:48,580
the team we have to trust in our systems
and then we can focus on just doing our

77
00:06:48,580 --> 00:06:52,900
job you really can't you can't think
about all the different ways you could

78
00:06:52,900 --> 00:06:57,460
die you just be paralyzed by the fear
and never get anything done and we got

79
00:06:57,460 --> 00:07:02,710
stuff to do up here I hear you man I
hear you so I just read Jeff Cougars

80
00:07:02,710 --> 00:07:06,610
book about the Apollo 8 mission and he
recalled in there about Frank Borman and

81
00:07:06,610 --> 00:07:11,440
Jim Lovells 14 days stay in a Jim Andy
capsule I mean compared to those guys

82
00:07:11,440 --> 00:07:14,620
you guys have it pretty good but I'm
wondering what are the best things about

83
00:07:14,620 --> 00:07:18,250
living on the space station what are the
worst things what kind of give me the

84
00:07:18,250 --> 00:07:27,310
two extremes of that spectrum well the
worst is my wife's not here so that

85
00:07:27,310 --> 00:07:33,970
that's definitely the worst that make a
whole whole heck of a lot better as far

86
00:07:33,970 --> 00:07:41,620
as what's the best it's well I really
like flying around you you mentioned I'm

87
00:07:41,620 --> 00:07:46,539
fighter jock a nut man I love doing
flips and spins and and flying low and

88
00:07:46,539 --> 00:07:52,150
high and fast it's just a whole lot of
fun but the best part about being on the

89
00:07:52,150 --> 00:07:57,699
station is that every day we're doing
science and you don't know which thing

90
00:07:57,699 --> 00:08:02,710
you're doing it could be a completely
innocuous task but you discover

91
00:08:02,710 --> 00:08:08,289
something that can help humanity you
know this morning Peggy is working on

92
00:08:08,289 --> 00:08:15,130
growing cancerous lung tissue cultures
so that we can study those and maybe we

93
00:08:15,130 --> 00:08:20,830
get somewhere with cancer in the other
room about 20 feet from me we're looking

94
00:08:20,830 --> 00:08:25,750
at a new capillary action a co2
scrubbing system with no moving parts

95
00:08:25,750 --> 00:08:31,960
and so every day you're just a part of
this awesome team that is doing

96
00:08:31,960 --> 00:08:37,089
incredible science and you feel like
you're making a difference and that is

97
00:08:37,089 --> 00:08:42,669
the best part about being here well I
guess you know Peggy and Fyodor have the

98
00:08:42,669 --> 00:08:45,040
station to yourselves right now I guess
later this month

99
00:08:45,040 --> 00:08:50,079
you got Sergey ryazansky Paolo Nespoli
and Randy Bresnik are coming up are you

100
00:08:50,079 --> 00:08:53,050
looking forward to getting some extra
hands up there and will you regret at

101

00:08:53,050 --> 00:08:55,200

all losing some of the space you've got
which is the

102

00:08:55,200 --> 00:09:01,740

a three-member career you know it's
every everything has its good and bad

103

00:09:01,740 --> 00:09:09,030

you know I think we got plenty of space
to go around and I am excited about

104

00:09:09,030 --> 00:09:14,760

having a full complement of people up
here that can really utilize this

105

00:09:14,760 --> 00:09:22,170

amazing laboratory this will be the
first time where we have for us OS so

106

00:09:22,170 --> 00:09:28,980

we'll have three Americans and an
Italian follow working on the u.s.

107

00:09:28,980 --> 00:09:35,370

segment on science for people that's
crazy talk and I am super excited about

108

00:09:35,370 --> 00:09:39,290

how much science we're going to be able
to get done with all four people so

109

00:09:39,290 --> 00:09:45,390

overall it's awesome cannot wait for
them to get up here and cannot wait for

110

00:09:45,390 --> 00:09:49,620

the discoveries that we make together
let me ask you one last question before

111

00:09:49,620 --> 00:09:53,850

I sign off you know all work and no play
makes Jack a dull boy and I know the

112

00:09:53,850 --> 00:09:56,970

Broncos aren't playing quite yet so what
do you guys do for entertainment up

113

00:09:56,970 --> 00:10:05,940

there well I I just took a picture on
Friday I'll send it out on Friday but we

114

00:10:05,940 --> 00:10:11,730

started on Friday nights watching movies
there's a actually a projector and we

115

00:10:11,730 --> 00:10:16,290

have this like make six makeshift screen
that we put on the ceiling and then

116

00:10:16,290 --> 00:10:21,390

Peggy made these like bungee lounge
chairs so we kind of sit in the bungee

117

00:10:21,390 --> 00:10:26,760

lounge chairs and look up and watch the
movie but most of the time we were

118

00:10:26,760 --> 00:10:30,900

taking pictures or looking out the
window or calling family and friends so

119

00:10:30,900 --> 00:10:35,900

we keep you know busy on our on our free
time as well

120

00:10:35,900 --> 00:10:39,720

well you listen thanks so much for
taking the time have a great rest of

121

00:10:39,720 --> 00:10:42,270

your increment look forward to seeing
you back on Earth and early September

122

00:10:42,270 --> 00:10:45,920

and and have a great day

123

00:10:45,950 --> 00:10:50,360

sounds great great talking to you bill

124

00:10:50,960 --> 00:10:55,380

station this is Houston ACR that
concludes the CBS News portion of the

125

00:10:55,380 --> 00:11:02,100

event please standby for a voice check
from WBZ radio found in one of two bags

126

00:11:02,100 --> 00:11:09,020

he allegedly had with him just one two
you got me

127

00:11:10,130 --> 00:11:18,390

yeah here you have me this is WBZ in
Boston how are you great how are you

128

00:11:18,390 --> 00:11:24,240

excellent so let's let's start by
talking a little bit about this you have

129

00:11:24,240 --> 00:11:29,280

you've been up there for just a
relatively short period of time what

130

00:11:29,280 --> 00:11:39,300

what are your reaction so far oh man I
just love it up here it is it's so much

131

00:11:39,300 --> 00:11:45,450

fun you know flying around every day and just experiencing the weightlessness and

132

00:11:45,450 --> 00:11:50,430

being part of it all the experiments and and exciting research that we have going

133

00:11:50,430 --> 00:11:57,030

on here so I am just I am a pig in slop happy as can be how long did it take you

134

00:11:57,030 --> 00:12:04,440

or have you really gotten used to being in a state of weightlessness um you know

135

00:12:04,440 --> 00:12:10,370

I think I'm wired a little differently because you know what the test pilot

136

00:12:10,370 --> 00:12:15,660

brain I guess I'm used to I'm comfortable being uncomfortable and it

137

00:12:15,660 --> 00:12:19,500

really didn't take very long for me I just kind of got up here and my brain

138

00:12:19,500 --> 00:12:25,200

really liked it unfortunately we can't always predict how people are going to

139

00:12:25,200 --> 00:12:29,580

adapt regardless of their background and I just got lucky so always better to be

140

00:12:29,580 --> 00:12:35,220

lucky than good I haven't had any problems what is your daily life like on

141

00:12:35,220 --> 00:12:43,020

the International Space Station you know
it's pretty busy we get up around 6 a.m.

142

00:12:43,020 --> 00:12:50,490

Peggy gets up earlier than me we have 2
ish hours of working out a day because

143

00:12:50,490 --> 00:12:58,710

we have to keep the bone mass and muscle
mass at a high level impacts and

144

00:12:58,710 --> 00:13:04,020

strength training are important to that
so our treadmill and our resistive

145

00:13:04,020 --> 00:13:11,250

exercise and then man we do science like
it's our job because it is our job all

146

00:13:11,250 --> 00:13:16,410

day we basically have a very
choreographed schedule that coordinates

147

00:13:16,410 --> 00:13:21,779

all the facilities support scientists
investigators the

148

00:13:21,779 --> 00:13:27,389

resources on the station you know some
need this power or this refrigerator or

149

00:13:27,389 --> 00:13:36,949

this microscope you know we do stuff
outside so it is this just symphony of

150

00:13:36,949 --> 00:13:42,029

resources that are choreographed on the
ground by mission controls and in

151

00:13:42,029 --> 00:13:47,970

Houston Moscow
Huntsville scuba and Munich and you know

152

00:13:47,970 --> 00:13:53,069

it's it's just a whole lot of fun that
every day is different you're working on

153

00:13:53,069 --> 00:13:57,839

different science or maintenance
activities every day and it just keeps

154

00:13:57,839 --> 00:14:05,519

you on your toes and it's it's just a
whole lot of fun all right Thank You CBS