



1
00:00:05,510 --> 00:00:02,310
station this is time magazine how do you

2
00:00:09,750 --> 00:00:08,150
and we have you loud and clear jonathan

3
00:00:11,030 --> 00:00:09,760
great to talk to you today how do you

4
00:00:12,709 --> 00:00:11,040
hear me

5
00:00:13,509 --> 00:00:12,719
uh commander kelly great to talk with

6
00:00:18,150 --> 00:00:13,519
you

7
00:00:20,070 --> 00:00:18,160
mission

8
00:00:22,630 --> 00:00:20,080
time's really going fast for us down

9
00:00:27,910 --> 00:00:22,640
here but how about you is it flying by

10
00:00:31,029 --> 00:00:29,269
you know i think

11
00:00:33,350 --> 00:00:31,039
you know it's a tough question i think

12
00:00:35,670 --> 00:00:33,360
it depends on uh you know how how you

13
00:00:37,910 --> 00:00:35,680

look at it um

14

00:00:40,310 --> 00:00:37,920

you know we had uh three new crew

15

00:00:42,310 --> 00:00:40,320

members get up here fairly what i would

16

00:00:45,590 --> 00:00:42,320

consider fairly recently

17

00:00:48,869 --> 00:00:45,600

um you know about 60 days ago

18

00:00:51,270 --> 00:00:48,879

uh chell kimia and oleg

19

00:00:53,189 --> 00:00:51,280

and um you know when i

20

00:00:55,670 --> 00:00:53,199

when i think back to

21

00:00:57,350 --> 00:00:55,680

to when they got here you know it seems

22

00:00:59,590 --> 00:00:57,360

like that amount of time has gone by

23

00:01:02,709 --> 00:00:59,600

quickly however when i think back to

24

00:01:05,350 --> 00:01:02,719

march and the uh launch that seems like

25

00:01:07,109 --> 00:01:05,360

almost an eternity ago and then with uh

26
00:01:08,630 --> 00:01:07,119
you know the same amount of time in in

27
00:01:10,630 --> 00:01:08,640
front of us i would say

28
00:01:12,870 --> 00:01:10,640
probably time has not gone by too

29
00:01:39,350 --> 00:01:12,880
quickly and you know misha will have to

30
00:01:44,389 --> 00:01:41,830
for me time in the station like a rubber

31
00:01:45,670 --> 00:01:44,399
it's much much slogging than uh

32
00:01:48,069 --> 00:01:45,680
in earth

33
00:01:50,870 --> 00:01:48,079
but i am glad i'm here with scott my

34
00:01:51,830 --> 00:01:50,880
friend and very great crew member

35
00:01:54,230 --> 00:01:51,840
and

36
00:01:57,350 --> 00:01:54,240
i'm sure

37
00:02:01,350 --> 00:01:57,360
all the tasks will be performed

38
00:02:03,670 --> 00:02:01,360

okay and we will do our mission

39

00:02:05,190 --> 00:02:03,680

very well

40

00:02:07,190 --> 00:02:05,200

i think

41

00:02:09,830 --> 00:02:07,200

everything will be okay thank you for

42

00:02:11,430 --> 00:02:09,840

your good question

43

00:02:13,750 --> 00:02:11,440

and could each of you tell us about a

44

00:02:16,630 --> 00:02:13,760

day or a moment that you were on the

45

00:02:18,229 --> 00:02:16,640

station and you had some inclination you

46

00:02:30,790 --> 00:02:18,239

had some wish or desire to be back on

47

00:02:34,150 --> 00:02:31,830

you know i

48

00:02:37,190 --> 00:02:34,160

i wouldn't say there's a uh

49

00:02:38,869 --> 00:02:37,200

you know a particular day

50

00:02:40,869 --> 00:02:38,879

but there certainly have been days you

51
00:02:43,030 --> 00:02:40,879
know and i think most of them involve uh

52
00:02:45,110 --> 00:02:43,040
you know my kids and wanting to be there

53
00:02:48,470 --> 00:02:45,120
for them and be there

54
00:02:49,990 --> 00:02:48,480
um you know present uh to help them with

55
00:02:51,670 --> 00:02:50,000
with things that they need or just to

56
00:02:53,190 --> 00:02:51,680
spend time with them

57
00:02:54,470 --> 00:02:53,200
um

58
00:02:55,670 --> 00:02:54,480
you know i

59
00:02:58,149 --> 00:02:55,680
you know there are a lot of people on

60
00:02:58,949 --> 00:02:58,159
earth that i i think might might want me

61
00:03:00,790 --> 00:02:58,959
there

62
00:03:03,030 --> 00:03:00,800
but uh you know in the case of your

63
00:03:11,430 --> 00:03:03,040

children i think they need you there and

64

00:03:17,990 --> 00:03:14,470

of course i'd like to go to course and

65

00:03:20,229 --> 00:03:18,000

sometimes i see the dream

66

00:03:23,350 --> 00:03:20,239

i have a vacation in earth

67

00:03:24,710 --> 00:03:23,360

and each time i forgot

68

00:03:26,869 --> 00:03:24,720

too late

69

00:03:29,589 --> 00:03:26,879

to next

70

00:03:30,830 --> 00:03:29,599

next shuttle to the space station but

71

00:03:33,830 --> 00:03:30,840

it's a dream

72

00:03:35,910 --> 00:03:33,840

and of course i am repeat

73

00:03:38,630 --> 00:03:35,920

i'd like go to earth but

74

00:03:40,550 --> 00:03:38,640

in exactly in scheduled time

75

00:03:41,509 --> 00:03:40,560

we have to perform our

76

00:03:44,390 --> 00:03:41,519

mission

77

00:03:54,710 --> 00:03:46,229

and what has been the biggest challenge

78

00:03:58,070 --> 00:03:56,630

yeah you know that's a it's a that's a

79

00:03:59,990 --> 00:03:58,080

tough uh

80

00:04:01,990 --> 00:04:00,000

tough question you know the whole thing

81

00:04:04,630 --> 00:04:02,000

uh being up here working up here being

82

00:04:06,149 --> 00:04:04,640

up here every day um

83

00:04:08,630 --> 00:04:06,159

for the last i don't know how many days

84

00:04:11,670 --> 00:04:08,640

we've been here over 170

85

00:04:13,509 --> 00:04:11,680

is uh you know challenging because

86

00:04:15,509 --> 00:04:13,519

um you know the work we do takes a lot

87

00:04:17,110 --> 00:04:15,519

of concentration there's very

88

00:04:19,749 --> 00:04:17,120

detail-oriented

89

00:04:21,749 --> 00:04:19,759

it's uh you know stuff that

90

00:04:25,030 --> 00:04:21,759

you know some of it has some pretty

91

00:04:26,950 --> 00:04:25,040

significant consequences to uh you know

92

00:04:29,830 --> 00:04:26,960

very expensive hardware

93

00:04:32,150 --> 00:04:29,840

or our own personal safety

94

00:04:33,990 --> 00:04:32,160

so it's uh you know a level of of

95

00:04:35,030 --> 00:04:34,000

concentration

96

00:04:36,790 --> 00:04:35,040

and

97

00:04:38,629 --> 00:04:36,800

you know a work ethic attention to

98

00:04:39,749 --> 00:04:38,639

detail like i said that you just need to

99

00:04:41,670 --> 00:04:39,759

maintain

100

00:04:43,590 --> 00:04:41,680

continuously or try your best to

101

00:04:46,230 --> 00:04:43,600

maintain that continuously

102

00:04:48,390 --> 00:04:46,240

continuously and that you know that

103

00:04:50,950 --> 00:04:48,400

takes a lot of effort and it uh you know

104

00:04:53,430 --> 00:04:50,960

is can be fatiguing so i think you know

105

00:04:56,070 --> 00:04:53,440

for me the hardest thing is is been

106

00:04:58,629 --> 00:04:56,080

trying to manage that

107

00:04:59,749 --> 00:04:58,639

you know that level of fatigue

108

00:05:02,230 --> 00:04:59,759

so

109

00:05:04,469 --> 00:05:02,240

when i get to the end of this i have uh

110

00:05:06,230 --> 00:05:04,479

you know as much in the in the tank as i

111

00:05:19,189 --> 00:05:06,240

did in the beginning or or at least

112

00:05:31,749 --> 00:05:20,950

thanks scott miguel do you have anything

113

00:05:35,990 --> 00:05:33,749

uh and i guess just to pivot slightly

114

00:05:37,670 --> 00:05:36,000

what has been the the most interesting

115

00:05:39,350 --> 00:05:37,680

moment or experience you've had up there

116

00:05:41,670 --> 00:05:39,360

so far i mean there's been

117

00:05:44,390 --> 00:05:41,680

uh you know some cargo delays uh you

118

00:05:46,070 --> 00:05:44,400

know we had a shelter in place event but

119

00:05:49,189 --> 00:05:46,080

you know you guys are living and eating

120

00:06:10,230 --> 00:05:49,199

and sleeping there 24 7.

121

00:06:15,029 --> 00:06:11,909

you know there are certainly a lot of

122

00:06:16,950 --> 00:06:15,039

those memorable moments um

123

00:06:18,870 --> 00:06:16,960

you know certainly launching into space

124

00:06:21,029 --> 00:06:18,880

and arriving on the space station is one

125

00:06:23,590 --> 00:06:21,039

of them um

126

00:06:25,830 --> 00:06:23,600

you know but there have been many others

127

00:06:28,070 --> 00:06:25,840

you know when you see new people come on

128

00:06:29,909 --> 00:06:28,080

board the space station in some cases

129

00:06:31,830 --> 00:06:29,919

you know in the in the case of chell

130

00:06:33,749 --> 00:06:31,840

kimmy and oleg those guys were you know

131

00:06:35,749 --> 00:06:33,759

just on earth a few hours ago and two of

132

00:06:37,110 --> 00:06:35,759

them had never been in space before and

133

00:06:40,230 --> 00:06:37,120

seeing their faces come through the

134

00:06:41,990 --> 00:06:40,240

hatch it's uh you know it's exciting for

135

00:06:44,790 --> 00:06:42,000

them and it's very exciting for us to

136

00:06:46,390 --> 00:06:44,800

see see them and kind of experience you

137

00:06:48,390 --> 00:06:46,400

know what they're experiencing you know

138

00:06:50,950 --> 00:06:48,400

through their eyes or or you know

139

00:06:53,510 --> 00:06:50,960

watching them experiencing what what

140

00:06:56,230 --> 00:06:53,520

misha and i have done previously on our

141

00:06:58,390 --> 00:06:56,240

on our first flights um

142

00:06:59,510 --> 00:06:58,400

my case pretty long time ago

143

00:07:01,510 --> 00:06:59,520

um

144

00:07:03,749 --> 00:07:01,520

you know so

145

00:07:06,950 --> 00:07:03,759

those kind of like personal experiences

146

00:07:08,790 --> 00:07:06,960

are memorable um but we've done a lot of

147

00:07:10,150 --> 00:07:08,800

uh activities while i've been up here a

148

00:07:12,230 --> 00:07:10,160

lot of science

149

00:07:14,950 --> 00:07:12,240

you know the rodent uh research

150

00:07:16,870 --> 00:07:14,960

activities that we did was very very

151
00:07:21,029 --> 00:07:16,880
complicated

152
00:07:22,550 --> 00:07:21,039
a lot of moving parts no pun intended

153
00:07:24,550 --> 00:07:22,560
and

154
00:07:26,390 --> 00:07:24,560
you know the results were fantastic

155
00:07:28,230 --> 00:07:26,400
there's a lot of other other science you

156
00:07:30,710 --> 00:07:28,240
know we're doing 400 different science

157
00:07:32,870 --> 00:07:30,720
experiments while i'm here for a year

158
00:07:34,230 --> 00:07:32,880
even this morning we were just doing

159
00:07:36,710 --> 00:07:34,240
this uh

160
00:07:39,110 --> 00:07:36,720
this fluid shifts experiment that uses

161
00:07:41,350 --> 00:07:39,120
this russian chibis device that puts

162
00:07:43,830 --> 00:07:41,360
negative pressure on our bodies to to

163
00:07:46,790 --> 00:07:43,840

move the blood out of our heads to you

164

00:07:48,550 --> 00:07:46,800

know possibly determine what the issues

165

00:07:50,629 --> 00:07:48,560

are with uh you know effects on our

166

00:07:52,390 --> 00:07:50,639

vision while we're up here and and other

167

00:07:55,749 --> 00:07:52,400

impacts that the

168

00:07:58,869 --> 00:07:55,759

microgravity environment has

169

00:08:00,790 --> 00:07:58,879

has on our physiology but uh you know we

170

00:08:05,110 --> 00:08:00,800

moved one of the modules while we were

171

00:08:05,990 --> 00:08:05,120

up here we had a spacex arrive an htv we

172

00:08:08,790 --> 00:08:06,000

had some

173

00:08:10,550 --> 00:08:08,800

challenges with some cargo vehicles that

174

00:08:12,550 --> 00:08:10,560

although they never made it it's

175

00:08:14,070 --> 00:08:12,560

certainly uh you know i wouldn't call it

176

00:08:15,830 --> 00:08:14,080

a highlight but it's definitely

177

00:08:17,909 --> 00:08:15,840

something that uh

178

00:08:20,710 --> 00:08:17,919

is uh

179

00:08:21,749 --> 00:08:20,720

you know uh significant to the the

180

00:08:22,869 --> 00:08:21,759

mission

181

00:08:24,390 --> 00:08:22,879

um

182

00:08:26,150 --> 00:08:24,400

and uh you know those are the kind of

183

00:08:32,310 --> 00:08:26,160

things i remember but but i think mostly

184

00:09:07,509 --> 00:08:36,630

uh hi this is a question for mikhail um

185

00:09:11,030 --> 00:09:09,269

on the us

186

00:09:12,550 --> 00:09:11,040

orbital segment

187

00:09:15,190 --> 00:09:12,560

in note 2

188

00:09:15,200 --> 00:09:31,750

like the mug

189

00:09:36,389 --> 00:09:33,750

because two mission control centers

190

00:09:39,750 --> 00:09:36,399

decided or made a decision that i should

191

00:09:42,630 --> 00:09:39,760

live on board the iss on the us

192

00:09:46,550 --> 00:09:45,590

this is exactly the same crew quarters

193

00:10:01,590 --> 00:09:46,560

where

194

00:10:06,069 --> 00:10:02,870

yeah jonathan

195

00:10:07,670 --> 00:10:06,079

there's uh so there's six crew quarters

196

00:10:11,030 --> 00:10:07,680

on the space station

197

00:10:13,269 --> 00:10:11,040

and four of them are in node node two

198

00:10:15,670 --> 00:10:13,279

and there's six of us so

199

00:10:17,509 --> 00:10:15,680

one of the cosmonauts generally

200

00:10:19,190 --> 00:10:17,519

sleeps in node two

201
00:10:21,829 --> 00:10:19,200
along with the three

202
00:10:23,350 --> 00:10:21,839
other us os crew members two of which

203
00:10:25,750 --> 00:10:23,360
are americans right now and one is

204
00:10:28,949 --> 00:10:25,760
japanese

205
00:10:30,230 --> 00:10:28,959
understood thanks uh mikhail

206
00:10:35,110 --> 00:10:30,240
uh

207
00:10:36,630 --> 00:10:35,120
and chell have a upcoming spacewalk

208
00:10:39,110 --> 00:10:36,640
that's you know we're currently

209
00:10:41,190 --> 00:10:39,120
scheduled for the end of october

210
00:10:43,030 --> 00:10:41,200
uh how are you feeling about this as uh

211
00:10:49,430 --> 00:10:43,040
as we we come toward that date and how

212
00:10:53,509 --> 00:10:51,430
i uh you know i feel really good about

213
00:10:56,790 --> 00:10:53,519

it i'm uh i'm excited about it it's

214

00:10:57,829 --> 00:10:56,800

something i've never done before um

215

00:10:59,110 --> 00:10:57,839

and uh

216

00:11:01,829 --> 00:10:59,120

you know i think the longer you've been

217

00:11:03,670 --> 00:11:01,839

up here um probably the more prepared

218

00:11:04,949 --> 00:11:03,680

you are to go outside i mean just your

219

00:11:07,990 --> 00:11:04,959

ability to

220

00:11:09,910 --> 00:11:08,000

to move around and understand uh

221

00:11:14,550 --> 00:11:09,920

you know how you need to control your

222

00:11:17,350 --> 00:11:14,560

body to do various tasks and how uh

223

00:11:18,949 --> 00:11:17,360

you know the the small amounts of force

224

00:11:21,269 --> 00:11:18,959

you use to

225

00:11:22,790 --> 00:11:21,279

to move and position yourself and other

226

00:11:24,470 --> 00:11:22,800

things is uh

227

00:11:25,990 --> 00:11:24,480

you know something you really get a good

228

00:11:28,710 --> 00:11:26,000

sense for over time and i think it's

229

00:11:30,630 --> 00:11:28,720

something that'll help uh on a spacewalk

230

00:11:31,750 --> 00:11:30,640

but also you know the longer you're

231

00:11:34,310 --> 00:11:31,760

you're up here

232

00:11:36,870 --> 00:11:34,320

i think your ability to speak to think

233

00:11:38,069 --> 00:11:36,880

uh more clearly

234

00:11:39,990 --> 00:11:38,079

is uh

235

00:11:42,230 --> 00:11:40,000

is improved over time

236

00:11:44,630 --> 00:11:42,240

so you know i feel i feel pretty good

237

00:11:46,550 --> 00:11:44,640

about it as far as preparing you know

238

00:11:48,630 --> 00:11:46,560

we've got some procedures on board so

239

00:11:50,310 --> 00:11:48,640

far i've looked at them but uh

240

00:11:52,790 --> 00:11:50,320

you know we got a lot of work to do in

241

00:11:54,870 --> 00:11:52,800

front of us and uh we'll be uh kind of

242

00:11:56,710 --> 00:11:54,880

buckling down and studying and preparing

243

00:11:58,470 --> 00:11:56,720

the suits and the other hardware here

244

00:12:01,110 --> 00:11:58,480

you know starting uh starting pretty

245

00:12:03,990 --> 00:12:01,120

soon probably you know we'll go you know

246

00:12:07,509 --> 00:12:04,000

in full force once we get once we get

247

00:12:17,030 --> 00:12:10,150

mikhail spacebabe scott thank you for

248

00:12:17,040 --> 00:12:20,949

thank you jonathan