



УДАЧНОГО  
ПО...



Карен НАЙБЕРГ  
KAREN NYBERG



Федор ЮРЧИХИН  
Fyodor YURCHIKHIN



Лука ПАРМИТАНО  
Luca PARMITANO



Коити ВАКАТА  
Koichi WAKATA

1  
00:00:08,950 --> 00:00:06,309  
my suggestion here is to open the state

2  
00:00:12,230 --> 00:00:08,960  
commission meeting

3  
00:00:25,990 --> 00:00:12,240  
our agenda is to confirm the composition

4  
00:00:30,150 --> 00:00:27,670  
reports and the readiness of the crew

5  
00:00:32,709 --> 00:00:30,160  
from the head of the gregorian cosmonaut

6  
00:00:35,110 --> 00:00:32,719  
training center

7  
00:00:37,190 --> 00:00:35,120  
we want to hear the

8  
00:00:42,549 --> 00:00:37,200  
proposed composition of the prime and

9  
00:00:47,110 --> 00:00:44,630  
the members of the state mission in

10  
00:00:49,750 --> 00:00:47,120  
order to perform the space flight of

11  
00:00:51,990 --> 00:00:49,760  
isis 3637 program

12  
00:00:56,229 --> 00:00:52,000  
we have the following crew members who

13  
00:01:00,310 --> 00:00:57,430

your chicken

14

00:01:02,869 --> 00:01:00,320

the soyuz commander ss36 flight engineer

15

00:01:04,869 --> 00:01:02,879

and 37 commander

16

00:01:06,230 --> 00:01:04,879

luca parmitano soyuz station flight

17

00:01:08,789 --> 00:01:06,240

engineer

18

00:01:11,190 --> 00:01:08,799

i'm karen nyberg

19

00:01:13,750 --> 00:01:11,200

flight engineer 2 of soyuz and station

20

00:01:15,190 --> 00:01:13,760

flight engineer backup crew

21

00:01:18,310 --> 00:01:15,200

michael turin

22

00:01:20,710 --> 00:01:18,320

commander station flight engineer

23

00:01:22,789 --> 00:01:20,720

richard mastracchio

24

00:01:39,030 --> 00:01:22,799

soyuz flight engineer and station flight

25

00:01:43,030 --> 00:01:41,109

mend program uh

26

00:01:45,510 --> 00:01:43,040

michael saffordini

27

00:01:47,990 --> 00:01:45,520

first of the backup crew mikhail rick

28

00:01:50,950 --> 00:01:48,000

koichi um thank you guys for working so

29

00:01:54,469 --> 00:01:50,960

hard to be ready to step in if necessary

30

00:01:55,830 --> 00:01:54,479

i'm glad it's it's not necessary uh but

31

00:01:57,270 --> 00:01:55,840

uh come back in about six months we'll

32

00:02:00,069 --> 00:01:57,280

see we can do

33

00:02:01,030 --> 00:02:00,079

and uh to the prime crew fyodor luca

34

00:02:02,389 --> 00:02:01,040

karen

35

00:02:04,149 --> 00:02:02,399

it's good to see you guys here this

36

00:02:05,510 --> 00:02:04,159

afternoon you've been training hard

37

00:02:06,830 --> 00:02:05,520

you're ready to go

38

00:02:09,830 --> 00:02:06,840

we have an

39

00:02:12,229 --> 00:02:09,840

amazingly complex mission uh for you

40

00:02:14,710 --> 00:02:12,239

guys during your period on orbit

41

00:02:17,030 --> 00:02:14,720

we have the normal logistics traffic

42

00:02:19,350 --> 00:02:17,040

plus five or six evas depending on how

43

00:02:21,270 --> 00:02:19,360

things work out and a brand new uh

44

00:02:23,190 --> 00:02:21,280

logistics vehicle and the cygnus that

45

00:02:24,869 --> 00:02:23,200

should show up while you're there and

46

00:02:27,190 --> 00:02:24,879

and with all that you still have to

47

00:02:28,470 --> 00:02:27,200

squeeze in the time for utilization and

48

00:02:30,390 --> 00:02:28,480

research since that's what it's all

49

00:02:31,750 --> 00:02:30,400

about so uh i'm looking forward to

50

00:02:33,190 --> 00:02:31,760

having you on laura good luck and

51

00:02:35,270 --> 00:02:33,200

godspeed

52

00:02:37,509 --> 00:02:35,280

thank you

53

00:02:40,150 --> 00:02:37,519

i would like to give the floor to

54

00:02:42,470 --> 00:02:40,160

the general director of the european

55

00:02:43,670 --> 00:02:42,480

space agency

56

00:02:45,190 --> 00:02:43,680

thank you

57

00:02:47,750 --> 00:02:45,200

uh

58

00:02:50,790 --> 00:02:47,760

so i am speaking not only as a director

59

00:02:52,869 --> 00:02:50,800

general visa but also on behalf of my

60

00:02:54,949 --> 00:02:52,879

colleagues of the italian space agency

61

00:02:57,110 --> 00:02:54,959

because this flight is

62

00:02:59,190 --> 00:02:57,120

under an agreement between the italian

63

00:03:02,790 --> 00:02:59,200

space agency and nasa

64

00:03:05,270 --> 00:03:02,800

so i would like to congratulate the crew

65

00:03:07,509 --> 00:03:05,280

theodore karen and luca

66

00:03:10,070 --> 00:03:07,519

to have successfully passed all the

67

00:03:11,509 --> 00:03:10,080

exams to go to space after a long

68

00:03:12,470 --> 00:03:11,519

training

69

00:03:14,710 --> 00:03:12,480

but

70

00:03:17,270 --> 00:03:14,720

your training is over now the real thing

71

00:03:19,750 --> 00:03:17,280

will start so among all the tasks that

72

00:03:21,830 --> 00:03:19,760

you will have to do during your stay in

73

00:03:24,309 --> 00:03:21,840

the space station i would like that you

74

00:03:25,910 --> 00:03:24,319

you take a special care to the atv4

75

00:03:27,990 --> 00:03:25,920

albert einstein

76

00:03:30,149 --> 00:03:28,000

which will which will be launched next

77

00:03:31,910 --> 00:03:30,159

week so i would like to thank all the

78

00:03:33,430 --> 00:03:31,920

partners of the space station which

79

00:03:36,869 --> 00:03:33,440

makes this

80

00:03:39,910 --> 00:03:36,879

this flight possible and in particular

81

00:03:41,910 --> 00:03:39,920

obviously our russian partner ras cosmos

82

00:03:44,309 --> 00:03:41,920

and russian industry

83

00:03:47,110 --> 00:03:44,319

to make the overall infrastructure ready

84

00:03:48,309 --> 00:03:47,120

for for launch and further operations so

85

00:03:51,670 --> 00:03:48,319

the

86

00:03:53,830 --> 00:03:51,680

international space station is certainly

87

00:03:55,750 --> 00:03:53,840

the partnership because i am sure that

88

00:03:57,270 --> 00:03:55,760

the partnership will last much longer

89

00:03:58,550 --> 00:03:57,280

than hardware

90

00:04:01,830 --> 00:03:58,560

so now

91

00:04:05,110 --> 00:04:01,840

both voyages to the crew and see you

92

00:04:09,910 --> 00:04:07,270

with great pleasure i would like to give

93

00:04:22,069 --> 00:04:09,920

floor to the commander of the prime crew

94

00:04:25,110 --> 00:04:24,150

only thanks to the team that was working

95

00:04:26,790 --> 00:04:25,120

with us

96

00:04:31,990 --> 00:04:26,800

and on behalf of the whole crew i would

97

00:04:35,189 --> 00:04:32,000

like to thank everyone for this honor

98

00:04:37,510 --> 00:04:35,199

to be able to dock in four orbits we

99

00:04:39,430 --> 00:04:37,520

absolutely understand our responsibility

100

00:04:40,950 --> 00:04:39,440

and the seriousness of the task and we

101  
00:04:43,909 --> 00:04:40,960  
will do everything possible to perform

102  
00:04:44,710 --> 00:04:43,919  
it i would like to give floor

103  
00:04:48,469 --> 00:04:44,720  
uh

104  
00:04:51,430 --> 00:04:48,479  
to luca parmitano flight engineer

105  
00:04:53,590 --> 00:04:51,440  
dear ladies and gentlemen

106  
00:05:03,029 --> 00:04:53,600  
i have a couple of words only thank you

107  
00:05:10,070 --> 00:05:06,230  
hello everyone i would like to say thank

108  
00:05:15,110 --> 00:05:10,080  
you to everyone for your support

109  
00:05:19,110 --> 00:05:17,270  
and

110  
00:05:22,550 --> 00:05:19,120  
we will do everything great in space

111  
00:05:27,670 --> 00:05:24,710  
commander of the backup crew

112  
00:05:29,510 --> 00:05:27,680  
mikhail turin dear colleagues

113  
00:05:33,270 --> 00:05:29,520

thank you very much everyone for kind

114

00:05:35,590 --> 00:05:33,280

words for your sincere wishes for your

115

00:05:43,270 --> 00:05:35,600

absolute great support

116

00:05:48,150 --> 00:05:45,510

thank you very much once again i would

117

00:05:51,350 --> 00:05:48,160

like to say a special thank you to our

118

00:05:54,469 --> 00:05:51,360

instructors and the state commission

119

00:05:57,029 --> 00:05:54,479

but today is the day of the prime crew

120

00:06:02,550 --> 00:05:57,039

footer luca karen good luck and bon

121

00:06:05,749 --> 00:06:03,749

hello

122

00:06:08,950 --> 00:06:05,759

i would like to thank everyone

123

00:06:10,629 --> 00:06:08,960

for your support uh to who made this

124

00:06:13,830 --> 00:06:10,639

flight possible

125

00:06:15,350 --> 00:06:13,840

we have a great prime crew today

126

00:06:16,870 --> 00:06:15,360

that

127

00:06:19,430 --> 00:06:16,880

are very cool

128

00:06:21,990 --> 00:06:19,440

cosmonauts and astronauts and i'm sure

129

00:06:24,950 --> 00:06:22,000

that they will have a very

130

00:06:27,110 --> 00:06:24,960

successful launch i want to wish you a

131

00:06:30,390 --> 00:06:27,120

successful flight and soft landing

132

00:06:31,990 --> 00:06:30,400

dear colleagues this completes

133

00:06:48,070 --> 00:06:32,000

uh the meeting of the state commission

134

00:06:52,950 --> 00:06:50,950

a half an hour ago the state commission

135

00:06:54,909 --> 00:06:52,960

meeting was completed and confirmed the

136

00:06:56,550 --> 00:06:54,919

composition of iss

137

00:06:58,950 --> 00:06:56,560

3637

138

00:07:00,230 --> 00:06:58,960

prime crew

139

00:07:02,309 --> 00:07:00,240

soyuz

140

00:07:05,430 --> 00:07:02,319

commander

141

00:07:07,909 --> 00:07:05,440

iss 36 flight engineer and isis 37

142

00:07:09,430 --> 00:07:07,919

commander federer nikolaevich your

143

00:07:13,749 --> 00:07:09,440

chicken

144

00:07:25,510 --> 00:07:14,790

soyuz

145

00:07:30,950 --> 00:07:27,350

flight engineer and station flight

146

00:07:33,589 --> 00:07:30,960

engineer karen nyberg nasa astronaut

147

00:07:35,909 --> 00:07:33,599

united states

148

00:07:37,110 --> 00:07:35,919

the backup crew composition is as

149

00:07:40,070 --> 00:07:37,120

follows

150

00:08:03,270 --> 00:07:40,080

soyuz commander station flight engineer

151  
00:08:07,350 --> 00:08:05,909  
dear friends before we will start asking

152  
00:08:11,990 --> 00:08:07,360  
questions

153  
00:08:16,469 --> 00:08:12,000  
in english and russian we have two

154  
00:08:16,479 --> 00:08:20,629  
first question please

155  
00:08:20,639 --> 00:08:24,550  
subscribe

156  
00:08:29,189 --> 00:08:26,790  
i have a question for the prime crew

157  
00:08:32,149 --> 00:08:29,199  
it is well known that

158  
00:08:35,589 --> 00:08:32,159  
your flight will not take two days it

159  
00:08:38,070 --> 00:08:35,599  
will take only six hours or four orbits

160  
00:08:41,829 --> 00:08:38,080  
and i know that the crew your crew

161  
00:08:43,829 --> 00:08:41,839  
insisted on this rendezvous scheme so

162  
00:08:49,829 --> 00:08:43,839  
how did that affect your

163  
00:08:55,509 --> 00:08:53,670

i would say that this

164

00:08:58,550 --> 00:08:55,519

scheme is already a traditional one

165

00:09:01,269 --> 00:08:58,560

because pavel vinogradov proved this

166

00:09:03,030 --> 00:09:01,279

scheme as a successful one

167

00:09:05,829 --> 00:09:03,040

and we

168

00:09:07,590 --> 00:09:05,839

also understood that

169

00:09:09,269 --> 00:09:07,600

we had

170

00:09:11,509 --> 00:09:09,279

yeast

171

00:09:14,870 --> 00:09:11,519

some chances

172

00:09:16,870 --> 00:09:14,880

to fly to the station and dark only in

173

00:09:19,829 --> 00:09:16,880

for orbits however we understood that

174

00:09:25,670 --> 00:09:19,839

maybe our management would like to take

175

00:09:30,230 --> 00:09:28,310

take our own initiative and we went to

176  
00:09:31,990 --> 00:09:30,240  
our management

177  
00:09:34,710 --> 00:09:32,000  
and

178  
00:09:38,790 --> 00:09:34,720  
we voiced our

179  
00:09:43,829 --> 00:09:41,430  
and only after three to four weeks after

180  
00:09:48,790 --> 00:09:43,839  
pablo vinogradov proved that this scheme

181  
00:09:53,750 --> 00:09:50,949  
initiative was supported and the

182  
00:09:59,110 --> 00:09:56,790  
actually approved this scheme for our

183  
00:10:01,269 --> 00:09:59,120  
docking this did not affect our training

184  
00:10:03,350 --> 00:10:01,279  
flow anyhow however we polished a couple

185  
00:10:07,030 --> 00:10:03,360  
of moments with our instructors thank

186  
00:10:11,350 --> 00:10:09,829  
rob nabius nasa television two questions

187  
00:10:13,350 --> 00:10:11,360  
for karen

188  
00:10:14,949 --> 00:10:13,360

karen after training for several years

189

00:10:16,630 --> 00:10:14,959

now for this flight you're finally on

190

00:10:18,389 --> 00:10:16,640

the eve of launch

191

00:10:20,550 --> 00:10:18,399

how do you maintain the right frame of

192

00:10:22,470 --> 00:10:20,560

mind and demeanor

193

00:10:24,389 --> 00:10:22,480

knowing you're about to leave the planet

194

00:10:26,150 --> 00:10:24,399

in your family for a half year it's very

195

00:10:28,470 --> 00:10:26,160

interesting actually because it seems as

196

00:10:30,069 --> 00:10:28,480

though time just kind of goes by and

197

00:10:32,949 --> 00:10:30,079

we're just going through the flow of

198

00:10:35,190 --> 00:10:32,959

what we're doing and it's hard to really

199

00:10:37,030 --> 00:10:35,200

imagine that tomorrow we will be

200

00:10:38,550 --> 00:10:37,040

launching into space

201  
00:10:41,110 --> 00:10:38,560  
i felt the same thing with my shuttle

202  
00:10:42,470 --> 00:10:41,120  
flight it it just kind of uh went day by

203  
00:10:43,990 --> 00:10:42,480  
day and the next thing you know i was in

204  
00:10:45,590 --> 00:10:44,000  
orbit and then the next thing you know

205  
00:10:47,030 --> 00:10:45,600  
after that i was back on the ground this

206  
00:10:47,990 --> 00:10:47,040  
of course is very different since i'll

207  
00:10:50,470 --> 00:10:48,000  
be gone

208  
00:10:51,829 --> 00:10:50,480  
for six months but i think uh at this

209  
00:10:54,550 --> 00:10:51,839  
point we're just very focused on what

210  
00:10:56,230 --> 00:10:54,560  
we're doing and um and dealing with it

211  
00:10:58,389 --> 00:10:56,240  
as we go and i think it's going to be

212  
00:11:01,509 --> 00:10:58,399  
november before you know it and we'll be

213  
00:11:03,509 --> 00:11:01,519

back on earth and karen your mission

214

00:11:05,750 --> 00:11:03,519

really looks like a handbook of human

215

00:11:08,150 --> 00:11:05,760

space flight every resupply vehicle

216

00:11:09,829 --> 00:11:08,160

known uh the debut of a new commercial

217

00:11:12,389 --> 00:11:09,839

cargo craft up to a half dozen

218

00:11:14,870 --> 00:11:12,399

spacewalks by your crewmates and a

219

00:11:17,590 --> 00:11:14,880

wealth of scientific research

220

00:11:19,990 --> 00:11:17,600

how will you pace yourself on this a

221

00:11:22,790 --> 00:11:20,000

marathon flight compared to your sprint

222

00:11:24,150 --> 00:11:22,800

on the shuttle several years ago

223

00:11:25,990 --> 00:11:24,160

i think that's one of the keys is that

224

00:11:27,190 --> 00:11:26,000

we pace ourselves we have to realize

225

00:11:30,230 --> 00:11:27,200

that um

226

00:11:32,069 --> 00:11:30,240

we will be working there for a long time

227

00:11:33,509 --> 00:11:32,079

and we have to stay rested i think it's

228

00:11:36,550 --> 00:11:33,519

important that we understand when the

229

00:11:39,030 --> 00:11:36,560

day is done we need to stop our work and

230

00:11:40,389 --> 00:11:39,040

and rest and be prepared for

231

00:11:41,829 --> 00:11:40,399

an unknown you never know when there's

232

00:11:44,150 --> 00:11:41,839

going to be something unknown that comes

233

00:11:45,670 --> 00:11:44,160

up like an extra eva or some type of an

234

00:11:47,110 --> 00:11:45,680

alarm that we need to take care of so we

235

00:11:49,110 --> 00:11:47,120

need to be well arrested for that so i

236

00:11:51,030 --> 00:11:49,120

think that is that is the key it is

237

00:11:52,949 --> 00:11:51,040

going to be a very busy mission but i

238

00:11:54,790 --> 00:11:52,959

think we all need to um

239

00:11:56,389 --> 00:11:54,800

to understand that we need to pace

240

00:11:57,990 --> 00:11:56,399

ourselves this is more of a marathon and

241

00:12:02,470 --> 00:11:58,000

not the sprint of the shuttle that we

242

00:12:06,550 --> 00:12:04,230

thank you very much next question please

243

00:12:08,870 --> 00:12:06,560

dominique is a tv on behalf of the

244

00:12:10,949 --> 00:12:08,880

european media we could not make it here

245

00:12:13,430 --> 00:12:10,959

and for luca if you can also translate

246

00:12:15,030 --> 00:12:13,440

afterwards in italian please so

247

00:12:17,750 --> 00:12:15,040

since you've been appointed astronaut

248

00:12:19,509 --> 00:12:17,760

you seem to always happy always smiling

249

00:12:36,629 --> 00:12:19,519

you've got a secret could you tell us

250

00:12:40,150 --> 00:12:38,150

so we'll answer first in english and

251  
00:12:41,110 --> 00:12:40,160  
then i'll i'll send something in italian

252  
00:12:42,389 --> 00:12:41,120  
for uh

253  
00:12:44,710 --> 00:12:42,399  
is a tv

254  
00:12:46,870 --> 00:12:44,720  
well it's it's very simple and it just

255  
00:12:47,829 --> 00:12:46,880  
goes with what i always tell people that

256  
00:12:50,069 --> 00:12:47,839  
ask me

257  
00:12:51,829 --> 00:12:50,079  
um how did you become an astronaut what

258  
00:12:53,590 --> 00:12:51,839  
what does it take to become an astronaut

259  
00:12:55,509 --> 00:12:53,600  
and always say well

260  
00:12:57,509 --> 00:12:55,519  
if you if you do what you love and you

261  
00:12:59,670 --> 00:12:57,519  
love what you do then

262  
00:13:01,350 --> 00:12:59,680  
everything everything will happen and i

263  
00:13:03,910 --> 00:13:01,360

just happen to be doing exactly what i

264

00:13:06,710 --> 00:13:03,920

love to do and i love what i'm doing and

265

00:13:08,949 --> 00:13:06,720

i would rather be nowhere else right now

266

00:13:10,710 --> 00:13:08,959

even even though i'm behind this this

267

00:13:12,949 --> 00:13:10,720

class and i'm really happy to be here

268

00:13:15,590 --> 00:13:12,959

because it's just the next step

269

00:13:17,509 --> 00:13:15,600

until i can uh i can fly up and realize

270

00:13:20,310 --> 00:13:17,519

a dream that's been with me uh since i

271

00:13:22,550 --> 00:13:20,320

can remember so that that's how i can be

272

00:13:24,790 --> 00:13:22,560

i can be really happy

273

00:13:26,870 --> 00:13:24,800

okay uh another one though

274

00:13:29,110 --> 00:13:26,880

you apart from you from italy or europe

275

00:13:31,590 --> 00:13:29,120

what are you bringing up there

276

00:13:33,110 --> 00:13:31,600

what type of thing element

277

00:13:34,710 --> 00:13:33,120

it's uh it's

278

00:13:37,509 --> 00:13:34,720

it's well known that we don't have a lot

279

00:13:38,710 --> 00:13:37,519

of space in our in our spacecraft it's

280

00:13:40,470 --> 00:13:38,720

it's kind of silly that we don't have

281

00:13:42,389 --> 00:13:40,480

space in space but we only we're only

282

00:13:45,590 --> 00:13:42,399

allowed about uh one and a half

283

00:13:46,550 --> 00:13:45,600

kilograms of personal items with us and

284

00:13:48,629 --> 00:13:46,560

uh

285

00:13:50,710 --> 00:13:48,639

it may seem a lot but in the end it's

286

00:13:52,870 --> 00:13:50,720

it's really not and um

287

00:13:55,269 --> 00:13:52,880

it seems that all the space uh got

288

00:13:57,829 --> 00:13:55,279

filled up very very quickly but

289

00:13:59,670 --> 00:13:57,839

i was able to put uh some souvenirs from

290

00:14:02,949 --> 00:13:59,680

for my friends and families i i don't

291

00:14:04,710 --> 00:14:02,959

collect anything so i plan to to give as

292

00:14:05,670 --> 00:14:04,720

a gift everything that i that i take up

293

00:14:06,710 --> 00:14:05,680

with me

294

00:14:08,790 --> 00:14:06,720

and

295

00:14:11,670 --> 00:14:08,800

the most personal things that i'm taking

296

00:14:13,590 --> 00:14:11,680

are my my wedding band and my wives

297

00:14:16,389 --> 00:14:13,600

so they're always with me

298

00:14:17,829 --> 00:14:16,399

pictures of my family my daughters and

299

00:14:18,710 --> 00:14:17,839

recently i just

300

00:14:20,710 --> 00:14:18,720

got a

301

00:14:23,350 --> 00:14:20,720

two small charms with my daughter's

302

00:14:25,030 --> 00:14:23,360

handprints and their names and i plan to

303

00:14:28,150 --> 00:14:25,040

wear those next to my heart the whole

304

00:14:34,069 --> 00:14:31,670

thank you next question

305

00:14:37,750 --> 00:14:35,430

usually space

306

00:14:40,949 --> 00:14:37,760

center first of all i would like to

307

00:14:42,310 --> 00:14:40,959

wish you a successful flight and nominal

308

00:14:44,470 --> 00:14:42,320

mission

309

00:14:46,710 --> 00:14:44,480

on may 25th

310

00:14:50,389 --> 00:14:46,720

uh we were celebrating the last school

311

00:14:54,230 --> 00:14:50,399

day of this year so what would you like

312

00:14:54,240 --> 00:15:00,629

who are graduating this year

313

00:15:06,550 --> 00:15:04,629

my last flight was three years ago and

314

00:15:09,829 --> 00:15:06,560

my daughter was graduating three years

315

00:15:12,710 --> 00:15:09,839

ago that is why she could not be here

316

00:15:15,990 --> 00:15:12,720

at the baikonur cosmodrome i would like

317

00:15:18,150 --> 00:15:16,000

to wish these young people good luck

318

00:15:21,030 --> 00:15:18,160

which is very important in life

319

00:15:22,629 --> 00:15:21,040

second i would like to wish them to set

320

00:15:24,949 --> 00:15:22,639

really big goals

321

00:15:27,110 --> 00:15:24,959

uh don't want them to be afraid of these

322

00:15:29,110 --> 00:15:27,120

goals and please remember that your life

323

00:15:31,829 --> 00:15:29,120

is in your hands

324

00:15:33,749 --> 00:15:31,839

a lot in this life depends on the choice

325

00:15:35,430 --> 00:15:33,759

and the choices that you make

326

00:15:36,949 --> 00:15:35,440

the bolder the choice the better your

327

00:15:41,350 --> 00:15:36,959

life begins

328

00:15:43,509 --> 00:15:42,629

next question please

329

00:15:45,670 --> 00:15:43,519

um

330

00:15:47,189 --> 00:15:45,680

my name is jonas barrigal i'm directing

331

00:16:03,189 --> 00:15:47,199

a

332

00:16:03,199 --> 00:16:11,670

um

333

00:16:16,150 --> 00:16:13,030

i think

334

00:16:18,550 --> 00:16:16,160

of course that's a problem for all of us

335

00:16:20,069 --> 00:16:18,560

all of us have children and

336

00:16:21,269 --> 00:16:20,079

all of us our children are very

337

00:16:22,949 --> 00:16:21,279

important to us

338

00:16:24,710 --> 00:16:22,959

and so i think it's hard for anybody

339

00:16:26,870 --> 00:16:24,720

that has to leave their family for a

340

00:16:28,790 --> 00:16:26,880

long time and we have a lot of people

341

00:16:31,590 --> 00:16:28,800

that do that military people who leave

342

00:16:33,829 --> 00:16:31,600

their families for a long time and it i

343

00:16:36,150 --> 00:16:33,839

think it's just a challenge um

344

00:16:37,670 --> 00:16:36,160

just to to know you know my son is three

345

00:16:39,509 --> 00:16:37,680

and he's gonna do a lot of growing in

346

00:16:41,749 --> 00:16:39,519

six months and but i'm gonna see a lot

347

00:16:43,509 --> 00:16:41,759

of video of him and i think we'll be

348

00:16:46,310 --> 00:16:43,519

very well connected and and he'll be

349

00:16:47,749 --> 00:16:46,320

home with his daddy so i think um

350

00:16:49,110 --> 00:16:47,759

but like i said i you know it's a

351

00:16:51,189 --> 00:16:49,120

challenge that all of us have to deal

352

00:16:54,150 --> 00:16:51,199

with luca has young young daughters and

353

00:16:55,590 --> 00:16:54,160

voter has has daughters and so so it's

354

00:16:57,110 --> 00:16:55,600

something that we and we can support

355

00:17:00,470 --> 00:16:57,120

each other knowing that we have families

356

00:17:04,470 --> 00:17:03,269

i would like to add a couple of words

357

00:17:06,870 --> 00:17:04,480

it's a very

358

00:17:09,189 --> 00:17:06,880

complicated situation when cosmonauts

359

00:17:11,990 --> 00:17:09,199

fly for such a long period of time when

360

00:17:14,309 --> 00:17:12,000

i was preparing for my first flight the

361

00:17:24,069 --> 00:17:14,319

little lena

362

00:17:27,510 --> 00:17:25,669

my whole family

363

00:17:28,230 --> 00:17:27,520

was seeing me off

364

00:17:31,110 --> 00:17:28,240

and

365

00:17:33,190 --> 00:17:31,120

later when my daughter was asked

366

00:17:35,029 --> 00:17:33,200

where is your father she was showing

367

00:17:37,190 --> 00:17:35,039

pointing at the tv and she was calling

368

00:17:39,750 --> 00:17:37,200

me some unknown uncle

369

00:17:43,029 --> 00:17:39,760

only one year old when i

370

00:17:44,310 --> 00:17:43,039

got to space and when i returned

371

00:17:46,150 --> 00:17:44,320

and then

372

00:17:47,669 --> 00:17:46,160

she was asked the question where's your

373

00:17:54,549 --> 00:17:47,679

daddy she was

374

00:17:59,190 --> 00:17:56,549

one question more

375

00:18:09,909 --> 00:17:59,200

shall you take any special items to this

376

00:18:14,710 --> 00:18:11,750

i did pack a couple little toys that he

377

00:18:16,070 --> 00:18:14,720

likes and pictures are the main the main

378

00:18:17,750 --> 00:18:16,080

item i'll have pictures of him in my

379

00:18:21,190 --> 00:18:17,760

little my little sleeping station that i

380

00:18:24,870 --> 00:18:22,870

next question please

381

00:18:25,990 --> 00:18:24,880

yes hi thank you this is andrew kramer

382

00:18:28,549 --> 00:18:26,000

with the new york times i also have a

383

00:18:30,070 --> 00:18:28,559

question for uh karen on the same

384

00:18:32,390 --> 00:18:30,080

topic

385

00:18:34,310 --> 00:18:32,400

i've seen some of your discussions about

386

00:18:36,630 --> 00:18:34,320

leaving your son how does he understand

387

00:18:39,110 --> 00:18:36,640

where you're going and what advice would

388

00:18:41,669 --> 00:18:39,120

you offer to women who for their work

389

00:18:49,990 --> 00:18:41,679

have to separate from their children

390

00:18:50,000 --> 00:18:56,390

um

391

00:19:00,070 --> 00:18:57,830

it's really hard to under to know

392

00:19:01,990 --> 00:19:00,080

exactly what a child understands at that

393

00:19:04,070 --> 00:19:02,000

age um sometimes he says things that

394

00:19:06,549 --> 00:19:04,080

make you feel as though he understands

395

00:19:19,990 --> 00:19:06,559

more than you would expect and sometimes

396

00:19:20,000 --> 00:19:26,230

um

397

00:19:29,830 --> 00:19:28,070

he knows he knows i'm uh going to the

398

00:19:31,830 --> 00:19:29,840

space station and he knows what that is

399

00:19:34,070 --> 00:19:31,840

when he sees a picture of it and he he

400

00:19:36,150 --> 00:19:34,080

knows that uh there is no gravity there

401

00:19:38,390 --> 00:19:36,160

and things will float and

402

00:19:40,789 --> 00:19:38,400

that might be the simplest the level he

403

00:19:43,190 --> 00:19:40,799

understands it at but um i think it'll

404

00:19:45,430 --> 00:19:43,200

be very fun for him to see to see video

405

00:19:49,270 --> 00:19:45,440

of me and communicate with me when he

406

00:19:53,430 --> 00:19:51,669

okay next question

407

00:19:54,549 --> 00:19:53,440

good evening everybody

408

00:19:57,110 --> 00:19:54,559

my name is gunderberger from the

409

00:19:59,430 --> 00:19:57,120

european space agency we have come

410

00:20:01,110 --> 00:19:59,440

together here with 15 young people to

411

00:20:03,350 --> 00:20:01,120

witness for us this very important

412

00:20:05,669 --> 00:20:03,360

moment that we have

413

00:20:07,669 --> 00:20:05,679

the first issa astronaut from our own

414

00:20:10,070 --> 00:20:07,679

generation being launched so we are very

415

00:20:13,029 --> 00:20:10,080

excited to be here

416

00:20:15,350 --> 00:20:13,039

mr palmitano luca may i ask you what is

417

00:20:17,830 --> 00:20:15,360

your dominant feeling at this moment

418

00:20:19,510 --> 00:20:17,840

thank you well first of all welcome to

419

00:20:21,430 --> 00:20:19,520

baikonur thank you for coming i was

420

00:20:23,669 --> 00:20:21,440

wondering what all these issa apollo's

421

00:20:25,990 --> 00:20:23,679

shirts were

422

00:20:28,230 --> 00:20:26,000

that's all that's fantastic

423

00:20:31,270 --> 00:20:28,240

welcome and and thank you for calling me

424

00:20:34,630 --> 00:20:31,280

a young astronaut of your generation

425

00:20:36,230 --> 00:20:34,640

i don't get to hear that very often but

426

00:20:38,230 --> 00:20:36,240

that is probably the hardest question to

427

00:20:41,750 --> 00:20:38,240

answer as a matter of fact

428

00:20:45,270 --> 00:20:41,760

it's um it's just a it's a mixed

429

00:20:48,230 --> 00:20:45,280

emotion uh there's certainly excitement

430

00:20:49,350 --> 00:20:48,240

i am very excited i mean in less than 24

431

00:20:50,630 --> 00:20:49,360

hours

432

00:20:54,149 --> 00:20:50,640

i would be

433

00:20:56,710 --> 00:20:54,159

and

434

00:20:58,789 --> 00:20:56,720

then after that i would be strapping now

435

00:21:01,190 --> 00:20:58,799

into into my state to be to blast off

436

00:21:03,350 --> 00:21:01,200

into space that doesn't happen every day

437

00:21:06,230 --> 00:21:03,360

and for me it's the first time so i'm

438

00:21:08,310 --> 00:21:06,240

certainly excited but at the same time

439

00:21:09,350 --> 00:21:08,320

i'm focused because

440

00:21:10,950 --> 00:21:09,360

uh

441

00:21:12,710 --> 00:21:10,960

i i feel

442

00:21:16,230 --> 00:21:12,720

i feel that

443

00:21:17,909 --> 00:21:16,240

the importance of of performing well for

444

00:21:19,990 --> 00:21:17,919

all those people that that have been

445

00:21:22,390 --> 00:21:20,000

working with me through all the years of

446

00:21:24,789 --> 00:21:22,400

training to to get me to this point and

447

00:21:26,950 --> 00:21:24,799

i feel the responsibility of doing the

448

00:21:28,789 --> 00:21:26,960

job correctly for all those that expect

449

00:21:30,470 --> 00:21:28,799

results during the six months around the

450

00:21:32,549 --> 00:21:30,480

station

451

00:21:34,230 --> 00:21:32,559

those things are are not they're not

452

00:21:35,350 --> 00:21:34,240

negative feelings quite the opposite

453

00:21:38,070 --> 00:21:35,360

it's um

454

00:21:40,789 --> 00:21:38,080

it's a it's a challenge and it's uh very

455

00:21:43,350 --> 00:21:40,799

motivating for me uh all these feelings

456

00:21:45,990 --> 00:21:43,360

get get into me and and maybe you see

457

00:21:47,590 --> 00:21:46,000

this uh calm the manner

458

00:21:49,590 --> 00:21:47,600

and i feel that way

459

00:21:51,510 --> 00:21:49,600

there is a book that i read couple of

460

00:21:52,710 --> 00:21:51,520

years ago it's by an italian author his

461

00:21:55,190 --> 00:21:52,720

name is

462

00:21:56,950 --> 00:21:55,200

veronesi and he wrote a book called uh

463

00:21:58,789 --> 00:21:56,960

account cows

464

00:22:00,390 --> 00:21:58,799

and and i think that that's a very cool

465

00:22:02,470 --> 00:22:00,400

description of what i what i feel right

466

00:22:04,310 --> 00:22:02,480

now it's very chaotic all these all

467

00:22:06,390 --> 00:22:04,320

these things going through my head but i

468

00:22:08,149 --> 00:22:06,400

feel calm because the training

469

00:22:09,590 --> 00:22:08,159

does that to you you feel confident you

470

00:22:11,190 --> 00:22:09,600

know that you can do a job you've been

471

00:22:14,310 --> 00:22:11,200

trained and all these people have

472

00:22:16,710 --> 00:22:14,320

confidence in you so um that

473

00:22:18,390 --> 00:22:16,720

i i just want to make sure that that con

474

00:22:20,070 --> 00:22:18,400

that confidence is

475

00:22:22,149 --> 00:22:20,080

is it the right is resting in the right

476

00:22:23,590 --> 00:22:22,159

place and in the right hands thank you

477

00:22:25,750 --> 00:22:23,600

for the question thank you thank you for

478

00:22:28,310 --> 00:22:25,760

coming again

479

00:22:30,630 --> 00:22:28,320

thank you very much next question

480

00:22:32,149 --> 00:22:30,640

from russia today television my question

481

00:22:35,029 --> 00:22:32,159

is actually for

482

00:22:36,789 --> 00:22:35,039

the main crew for the three of you i

483

00:22:39,430 --> 00:22:36,799

believe that this is baikonur is a

484

00:22:40,950 --> 00:22:39,440

special place for the three of you just

485

00:22:42,950 --> 00:22:40,960

for obvious reasons because you're this

486

00:22:44,230 --> 00:22:42,960

is the place where you're launching from

487

00:22:46,630 --> 00:22:44,240

but uh

488

00:22:49,669 --> 00:22:46,640

from a from an astronaut's point of view

489

00:22:50,950 --> 00:22:49,679

or cosmonauts point of view what makes

490

00:22:58,310 --> 00:22:50,960

baikonur

491

00:23:03,510 --> 00:23:01,029

you can review your past experiences you

492

00:23:06,230 --> 00:23:03,520

can review history

493

00:23:09,270 --> 00:23:06,240

and have different

494

00:23:11,350 --> 00:23:09,280

opinions but two

495

00:23:13,510 --> 00:23:11,360

dates are very important in the history

496

00:23:16,750 --> 00:23:13,520

of baikonur the launch

497

00:23:18,630 --> 00:23:16,760

of the first satellite on october 4th

498

00:23:21,270 --> 00:23:18,640

1957

499

00:23:24,350 --> 00:23:21,280

but the second date that is even more

500

00:23:26,149 --> 00:23:24,360

important for us is april 12

501  
00:23:28,710 --> 00:23:26,159  
1961

502  
00:23:31,669 --> 00:23:28,720  
the first flight of

503  
00:23:33,830 --> 00:23:31,679  
a human being to space

504  
00:23:36,390 --> 00:23:33,840  
so these two dates are the milestones in

505  
00:23:37,830 --> 00:23:36,400  
the history of baikonur this is

506  
00:23:40,630 --> 00:23:37,840  
what i feel

507  
00:23:42,149 --> 00:23:40,640  
at the baikonur cosmodrome and that is

508  
00:23:45,029 --> 00:23:42,159  
why it's so important to launch from the

509  
00:23:46,549 --> 00:23:45,039  
gagarin launch pad

510  
00:23:48,390 --> 00:23:46,559  
my answer is maybe a little more

511  
00:23:51,510 --> 00:23:48,400  
personal

512  
00:23:53,990 --> 00:23:51,520  
what makes us any any place special is

513  
00:23:55,990 --> 00:23:54,000

what memories are attached to it

514

00:23:58,310 --> 00:23:56,000

and i think that

515

00:24:01,350 --> 00:23:58,320

what makes this place special for me is

516

00:24:03,350 --> 00:24:01,360

that there are only positive memories

517

00:24:04,390 --> 00:24:03,360

related to this place six weeks six

518

00:24:07,990 --> 00:24:04,400

months ago

519

00:24:11,669 --> 00:24:08,000

i was here in the middle of winter

520

00:24:13,269 --> 00:24:11,679

as the backup of uh expedition 34

521

00:24:14,470 --> 00:24:13,279

and even though i remember really well

522

00:24:17,510 --> 00:24:14,480

that i was

523

00:24:19,750 --> 00:24:17,520

basically frozen uh and you know i'm i'm

524

00:24:22,070 --> 00:24:19,760

i'm italian from southern italy from

525

00:24:25,110 --> 00:24:22,080

sicily i freeze at when the temperature

526  
00:24:25,990 --> 00:24:25,120  
goes below 10 degrees above zero

527  
00:24:27,830 --> 00:24:26,000  
um

528  
00:24:30,630 --> 00:24:27,840  
but even

529  
00:24:32,870 --> 00:24:30,640  
or thirtieth shorter says but um even

530  
00:24:35,990 --> 00:24:32,880  
though even though it was really cold uh

531  
00:24:38,149 --> 00:24:36,000  
the atmosphere was uh so festive and

532  
00:24:41,190 --> 00:24:38,159  
uh it was such a great pleasure working

533  
00:24:43,350 --> 00:24:41,200  
with uh with the with the team here and

534  
00:24:46,950 --> 00:24:43,360  
and my crewmates and

535  
00:24:48,390 --> 00:24:46,960  
the the main crew and

536  
00:24:49,750 --> 00:24:48,400  
being part of such an incredible

537  
00:24:53,590 --> 00:24:49,760  
experience

538  
00:24:54,870 --> 00:24:53,600

magical and and incredible good memories

539

00:24:57,110 --> 00:24:54,880

and now

540

00:24:59,510 --> 00:24:57,120

you can you can imagine yourself how how

541

00:25:01,110 --> 00:24:59,520

positive an experience and what amazing

542

00:25:03,350 --> 00:25:01,120

memories i will have of the past two

543

00:25:05,350 --> 00:25:03,360

weeks here in wagoner

544

00:25:07,990 --> 00:25:05,360

baikonur is certainly a place that is

545

00:25:08,950 --> 00:25:08,000

rich in history though it it is recent

546

00:25:11,190 --> 00:25:08,960

history

547

00:25:13,750 --> 00:25:11,200

um but it's also very rich in tradition

548

00:25:15,669 --> 00:25:13,760

and i think it's um it's very neat to

549

00:25:17,909 --> 00:25:15,679

see you feel that in everybody you see

550

00:25:19,510 --> 00:25:17,919

that everywhere here and i'm honored to

551  
00:25:20,950 --> 00:25:19,520  
be a part of that tradition

552  
00:25:23,110 --> 00:25:20,960  
and history

553  
00:25:27,350 --> 00:25:23,120  
and having said that what is that that

554  
00:25:33,110 --> 00:25:28,390  
once you get

555  
00:25:36,470 --> 00:25:34,710  
what are we looking forward to the most

556  
00:25:39,029 --> 00:25:36,480  
in space

557  
00:25:41,350 --> 00:25:39,039  
um actually i'm looking forward the most

558  
00:25:44,549 --> 00:25:41,360  
to living there rather than

559  
00:25:46,710 --> 00:25:44,559  
having the quick shuttle flight and um

560  
00:25:48,789 --> 00:25:46,720  
a shuttle flight is go go go from the

561  
00:25:50,950 --> 00:25:48,799  
second you launch

562  
00:25:52,789 --> 00:25:50,960  
i'm looking forward to having time on

563  
00:25:55,190 --> 00:25:52,799

the weekends for a little reflection and

564

00:25:56,630 --> 00:25:55,200

doing some own personal things and uh

565

00:26:01,110 --> 00:25:56,640

just kind of stamping the memory of the

566

00:26:07,750 --> 00:26:02,950

thank you

567

00:26:07,760 --> 00:26:12,470

are you scared of flying to space

568

00:26:20,549 --> 00:26:16,390

interiors no we are very excited to fly

569

00:26:25,110 --> 00:26:22,549

okay i see

570

00:26:27,909 --> 00:26:25,120

any other questions for the crews

571

00:26:29,029 --> 00:26:27,919

sergey pavlovich

572

00:26:29,909 --> 00:26:29,039

please

573

00:26:41,669 --> 00:26:29,919

give it

574

00:26:46,470 --> 00:26:43,510

first i would like to congratulate

575

00:26:48,470 --> 00:26:46,480

everyone with the upcoming mission and

576

00:26:50,870 --> 00:26:48,480

wish you good luck

577

00:26:56,789 --> 00:26:50,880

i have two questions for you

578

00:27:01,590 --> 00:26:59,269

a lot of experiments are planned and

579

00:27:02,789 --> 00:27:01,600

you'll be running a lot of

580

00:27:08,230 --> 00:27:02,799

experiments

581

00:27:10,549 --> 00:27:08,240

for you and what will be your major

582

00:27:12,390 --> 00:27:10,559

focus medical experiments or any other

583

00:27:14,950 --> 00:27:12,400

experiments

584

00:27:16,070 --> 00:27:14,960

and the second question is for footer

585

00:27:18,830 --> 00:27:16,080

during

586

00:27:21,110 --> 00:27:18,840

your flight it is

587

00:27:24,230 --> 00:27:21,120

planned perform

588

00:27:26,710 --> 00:27:24,240

a few evas on the russian segment how

589

00:27:29,750 --> 00:27:26,720

many events in total will be performed

590

00:27:31,669 --> 00:27:29,760

when will the first eva take place

591

00:27:33,669 --> 00:27:31,679

and which major task will be performed

592

00:27:39,269 --> 00:27:33,679

during that first eva

593

00:27:43,590 --> 00:27:41,430

i'll try to answer a question

594

00:27:45,750 --> 00:27:43,600

in russian if it doesn't work i will try

595

00:27:49,350 --> 00:27:45,760

to answer it in english

596

00:27:51,190 --> 00:27:49,360

it's very difficult to explain

597

00:27:53,110 --> 00:27:51,200

what we are going to do in the three

598

00:27:58,549 --> 00:27:53,120

minutes

599

00:28:04,710 --> 00:28:01,990

there are more than 150 experiments

600

00:28:07,350 --> 00:28:04,720

currently being run on board the station

601  
00:28:10,070 --> 00:28:07,360  
however there is some experiments that

602  
00:28:12,149 --> 00:28:10,080  
you start as an expedition and i think

603  
00:28:13,350 --> 00:28:12,159  
they are very interesting i'm an italian

604  
00:28:14,870 --> 00:28:13,360  
astronaut

605  
00:28:17,750 --> 00:28:14,880  
and i will be performing italian

606  
00:28:20,389 --> 00:28:17,760  
experiments

607  
00:28:22,230 --> 00:28:20,399  
and one of the experiment is called

608  
00:28:23,350 --> 00:28:22,240  
green air

609  
00:28:26,950 --> 00:28:23,360  
i think

610  
00:28:28,630 --> 00:28:26,960  
it's an interesting experiment we are

611  
00:28:30,470 --> 00:28:28,640  
trying to

612  
00:28:31,990 --> 00:28:30,480  
learn how

613  
00:28:33,510 --> 00:28:32,000

combustion of

614

00:28:34,549 --> 00:28:33,520

biological

615

00:28:37,590 --> 00:28:34,559

fuel

616

00:28:40,549 --> 00:28:37,600

is going to happen in space it's very

617

00:28:42,950 --> 00:28:40,559

important from a scientific standpoint

618

00:28:48,710 --> 00:28:42,960

because we can use the results right

619

00:28:52,470 --> 00:28:49,830

we

620

00:29:00,789 --> 00:28:52,480

are trying to find

621

00:29:05,750 --> 00:29:03,590

what fuel has best uh combustion

622

00:29:08,710 --> 00:29:05,760

properties without having ecological

623

00:29:11,190 --> 00:29:08,720

food footprint

624

00:29:12,710 --> 00:29:11,200

ultrasound machine and then

625

00:29:13,990 --> 00:29:12,720

another

626  
00:29:15,669 --> 00:29:14,000  
experiment

627  
00:29:18,549 --> 00:29:15,679  
is when we are

628  
00:29:20,470 --> 00:29:18,559  
using ultra

629  
00:29:22,630 --> 00:29:20,480  
sound to

630  
00:29:24,310 --> 00:29:22,640  
perform this experiment in order to

631  
00:29:25,350 --> 00:29:24,320  
forecast

632  
00:29:28,789 --> 00:29:25,360  
some

633  
00:29:31,110 --> 00:29:28,799  
problems with your back in space

634  
00:29:39,430 --> 00:29:31,120  
mri

635  
00:29:42,230 --> 00:29:39,440  
to do it on earth but these

636  
00:29:44,470 --> 00:29:42,240  
uh this hardware is really huge and it's

637  
00:29:48,149 --> 00:29:44,480  
very

638  
00:29:49,750 --> 00:29:48,159

cost effective

639

00:29:54,950 --> 00:29:49,760

so we are

640

00:29:59,990 --> 00:29:57,909

so these experiments are very important

641

00:30:03,430 --> 00:30:00,000

and the third experiment that is called

642

00:30:07,029 --> 00:30:05,590

when running this experiment we will try

643

00:30:10,149 --> 00:30:07,039

to see

644

00:30:12,710 --> 00:30:11,990

improve

645

00:30:14,549 --> 00:30:12,720

or

646

00:30:18,710 --> 00:30:14,559

rather

647

00:30:21,430 --> 00:30:18,720

lessen calcium losses from bones of

648

00:30:23,669 --> 00:30:21,440

astronauts and cosmonauts as you know

649

00:30:25,590 --> 00:30:23,679

this process is very dangerous for

650

00:30:30,149 --> 00:30:25,600

health

651  
00:30:32,549 --> 00:30:30,159  
and we will try to learn how to minimize

652  
00:30:34,630 --> 00:30:32,559  
that loss of course we will be able to

653  
00:30:35,510 --> 00:30:34,640  
use the results

654  
00:30:37,269 --> 00:30:35,520  
of

655  
00:30:39,909 --> 00:30:37,279  
this experiment on earth as you know

656  
00:30:42,389 --> 00:30:39,919  
osteoporosis is one of the major threats

657  
00:30:46,149 --> 00:30:42,399  
to human health all over the world

658  
00:30:47,590 --> 00:30:46,159  
and i hope we will try to save people's

659  
00:30:49,830 --> 00:30:47,600  
lives

660  
00:30:52,070 --> 00:30:49,840  
who are suffering from this disease

661  
00:30:55,590 --> 00:30:52,080  
without using a lot of medication thank

662  
00:31:00,070 --> 00:30:57,909  
as of today the program

663  
00:31:03,269 --> 00:31:00,080

uh eva program on the russian segment

664

00:31:06,389 --> 00:31:03,279

includes four evas i'm participating in

665

00:31:08,070 --> 00:31:06,399

three evas scheduled

666

00:31:09,590 --> 00:31:08,080

the first eva

667

00:31:12,549 --> 00:31:09,600

will include

668

00:31:14,710 --> 00:31:12,559

troubleshooting of the thermal

669

00:31:22,789 --> 00:31:14,720

control unit

670

00:31:26,630 --> 00:31:23,909

the other

671

00:31:29,509 --> 00:31:26,640

two experiments uh will be mostly

672

00:31:30,830 --> 00:31:29,519

focused on routing cables for the new

673

00:31:34,149 --> 00:31:30,840

russian module

674

00:31:35,590 --> 00:31:34,159

mlm and a couple of other

675

00:31:38,230 --> 00:31:35,600

experiments

676

00:31:39,590 --> 00:31:38,240

on the outside of the station

677

00:31:41,909 --> 00:31:39,600

unfortunately i won't be able to

678

00:31:43,909 --> 00:31:41,919

participate in the fourth eva that just

679

00:31:45,110 --> 00:31:43,919

scheduled at the very end of the

680

00:31:48,389 --> 00:31:45,120

expedition

681

00:31:51,269 --> 00:31:48,399

however by that eva we will see our

682

00:31:53,190 --> 00:31:51,279

backup crew on orbit already we will see

683

00:31:56,149 --> 00:31:53,200

each other for a very short period of

684

00:31:57,350 --> 00:31:56,159

time four days only we will be together

685

00:32:02,870 --> 00:31:57,360

in space

686

00:32:06,310 --> 00:32:05,110

the first eva uh is scheduled for

687

00:32:08,950 --> 00:32:06,320

mid-june

688

00:32:11,190 --> 00:32:08,960

thank you next question

689

00:32:12,710 --> 00:32:11,200

rob navies again with nasa television i

690

00:32:14,950 --> 00:32:12,720

can't let this moment get away without a

691

00:32:16,630 --> 00:32:14,960

question about the olympic torch

692

00:32:18,950 --> 00:32:16,640

we have the relay team right in front of

693

00:32:20,789 --> 00:32:18,960

us here with rick mchale and koichi

694

00:32:22,870 --> 00:32:20,799

bringing it up in november

695

00:32:24,789 --> 00:32:22,880

and handing it off to uh

696

00:32:27,029 --> 00:32:24,799

somewhat reluctantly as you can see to

697

00:32:28,389 --> 00:32:27,039

luca fyodor and karen to bring it home a

698

00:32:31,110 --> 00:32:28,399

few days later

699

00:32:34,149 --> 00:32:31,120

can perhaps for karen or rick

700

00:32:36,230 --> 00:32:34,159

can you tell us what that symbolizes

701  
00:32:38,470 --> 00:32:36,240  
and what it symbolizes in relation to

702  
00:32:39,750 --> 00:32:38,480  
the international space station

703  
00:32:42,630 --> 00:32:39,760  
and what it represents for the

704  
00:32:43,909 --> 00:32:42,640  
unification of nations in orbit

705  
00:32:45,990 --> 00:32:43,919  
of course the international space

706  
00:32:47,590 --> 00:32:46,000  
station is a great achievement

707  
00:32:50,149 --> 00:32:47,600  
and a great accomplishment by many

708  
00:32:51,110 --> 00:32:50,159  
countries around the world in my opinion

709  
00:32:53,990 --> 00:32:51,120  
may be one of the greatest

710  
00:33:05,509 --> 00:32:54,000  
accomplishments this world has ever seen

711  
00:33:08,070 --> 00:33:06,470  
and

712  
00:33:09,509 --> 00:33:08,080  
the olympics i think represent that

713  
00:33:12,549 --> 00:33:09,519

exact uh

714

00:33:13,909 --> 00:33:12,559

idea many countries getting together

715

00:33:18,310 --> 00:33:13,919

to

716

00:33:20,230 --> 00:33:18,320

in peaceful times and show how we can

717

00:33:21,350 --> 00:33:20,240

get along on this planet so i think it's

718

00:33:24,950 --> 00:33:21,360

a great

719

00:33:26,310 --> 00:33:24,960

for us to bring up the olympic torch and

720

00:33:28,149 --> 00:33:26,320

and represent

721

00:33:29,590 --> 00:33:28,159

all the countries

722

00:33:30,950 --> 00:33:29,600

on earth that are participating in the

723

00:33:32,230 --> 00:33:30,960

olympics and it's going to be very

724

00:33:33,190 --> 00:33:32,240

interesting we're going to carry up the

725

00:33:37,029 --> 00:33:33,200

torch

726

00:33:39,269 --> 00:33:37,039

and we're going to have the expedition

727

00:33:40,710 --> 00:33:39,279

oleg sergey and mike hopkins we're gonna

728

00:33:43,269 --> 00:33:40,720

hand it off to them they'll then hand it

729

00:33:44,549 --> 00:33:43,279

off to uh fyodor luca and karen who will

730

00:33:51,029 --> 00:33:44,559

return to earth so we'll have our own

731

00:33:55,669 --> 00:33:54,149

ladies and gentlemen any other questions

732

00:34:01,990 --> 00:33:55,679

yes sergey polish i can see one more

733

00:34:05,509 --> 00:34:03,430

hello

734

00:34:07,990 --> 00:34:05,519

cosmonauts and astronauts

735

00:34:09,990 --> 00:34:08,000

first of course i would like to wish you

736

00:34:12,149 --> 00:34:10,000

a successful flight

737

00:34:14,550 --> 00:34:12,159

and completion of the program

738

00:34:15,909 --> 00:34:14,560

maybe it's a layman question that i'm

739

00:34:17,909 --> 00:34:15,919

going to ask

740

00:34:20,069 --> 00:34:17,919

but i'm really interested in what's

741

00:34:22,470 --> 00:34:20,079

going on in space right now if we're

742

00:34:23,909 --> 00:34:22,480

looking at the cosmonautics development

743

00:34:25,669 --> 00:34:23,919

and history

744

00:34:27,829 --> 00:34:25,679

uh we will see

745

00:34:30,310 --> 00:34:27,839

that professional life of cosmonauts

746

00:34:32,710 --> 00:34:30,320

some time ago some 20 years ago was

747

00:34:33,589 --> 00:34:32,720

really short like professional athletes

748

00:34:35,990 --> 00:34:33,599

life

749

00:34:36,869 --> 00:34:36,000

so right now we see an absolutely

750

00:34:38,950 --> 00:34:36,879

different

751  
00:34:40,310 --> 00:34:38,960  
trend

752  
00:34:42,149 --> 00:34:40,320  
right now the professional life of a

753  
00:34:43,270 --> 00:34:42,159  
cosmonaut and astronaut is really long

754  
00:35:00,390 --> 00:34:43,280  
so

755  
00:35:10,710 --> 00:35:03,270  
but this question is not for us probably

756  
00:35:14,950 --> 00:35:12,550  
maybe if we look back

757  
00:35:17,829 --> 00:35:14,960  
20 years ago we will see that the

758  
00:35:20,230 --> 00:35:17,839  
experiments then were really simple

759  
00:35:22,550 --> 00:35:20,240  
so our medical community has more

760  
00:35:25,190 --> 00:35:22,560  
practice has more statistics

761  
00:35:29,430 --> 00:35:25,200  
and they can use that information to

762  
00:35:32,310 --> 00:35:29,440  
forecast the behavior of our bodies

763  
00:35:35,670 --> 00:35:32,320

in some time in space

764

00:35:38,069 --> 00:35:35,680

but if you look a couple of

765

00:35:40,150 --> 00:35:38,079

decades and even centuries ago you'll

766

00:35:43,109 --> 00:35:40,160

see that the average uh

767

00:35:45,829 --> 00:35:43,119

life of a human being was really short

768

00:35:49,430 --> 00:35:45,839

so i think this is a very logical trend

769

00:35:52,870 --> 00:35:49,440

that right now we're

770

00:35:55,270 --> 00:35:52,880

living professionally much more longer

771

00:35:57,510 --> 00:35:55,280

so the retirement

772

00:35:59,510 --> 00:35:57,520

age is going to be raised in russia soon

773

00:36:01,990 --> 00:35:59,520

for example pavel vinogradov is going to

774

00:36:03,829 --> 00:36:02,000

celebrate his 60th anniversary in space

775

00:36:06,310 --> 00:36:03,839

in a couple of months

776

00:36:10,550 --> 00:36:06,320

we have a brilliant example of john

777

00:36:15,349 --> 00:36:10,560

glenn second flight 78 the

778

00:36:21,030 --> 00:36:18,150

he was 78 and 80

779

00:36:23,190 --> 00:36:21,040

years old michael and i are

780

00:36:25,270 --> 00:36:23,200

very young compared to him

781

00:36:27,670 --> 00:36:25,280

luca is a teenager

782

00:36:29,270 --> 00:36:27,680

so i think we're looking forward to more

783

00:36:30,550 --> 00:36:29,280

flights in future thank you for your

784

00:36:32,870 --> 00:36:30,560

question

785

00:36:35,589 --> 00:36:32,880

dear friends thank you very much for

786

00:36:36,390 --> 00:36:35,599

good interesting questions

787

00:36:40,069 --> 00:36:36,400

so

788

00:36:49,510 --> 00:36:40,079

first let's applaud to our crew and

789

00:36:55,589 --> 00:36:52,470

i would like to take a picture of you i

790

00:36:57,349 --> 00:36:55,599

can see a lot of children here it's

791

00:36:58,790 --> 00:36:57,359

really bad that they didn't have a

792

00:37:01,990 --> 00:36:58,800

chance to ask

793

00:37:03,829 --> 00:37:02,000

the questions dora faces so ever are you

794

00:37:15,430 --> 00:37:03,839

here

795

00:37:15,440 --> 00:37:33,510

crew

796

00:37:33,520 --> 00:37:42,550

foreign

797

00:38:00,230 --> 00:37:45,510

switch off the red light on

798

00:38:04,710 --> 00:38:01,750

thank you and

799

00:38:44,230 --> 00:38:04,720

prime crew

800

00:38:44,240 --> 00:38:51,829

thank you

801

00:38:55,829 --> 00:38:53,910

dear friends this completes our press