



1
00:00:17,830 --> 00:00:14,150
so now dear members of the state

2
00:00:19,830 --> 00:00:17,840
committee ladies and gentlemen

3
00:00:21,750 --> 00:00:19,840
before starting

4
00:00:25,670 --> 00:00:21,760
today's meeting

5
00:00:27,509 --> 00:00:25,680
i would like to take an opportunity

6
00:00:29,589 --> 00:00:27,519
and personally

7
00:00:32,870 --> 00:00:29,599
from francisco

8
00:00:35,430 --> 00:00:32,880
committee of the russian space agency

9
00:00:37,510 --> 00:00:35,440
and from you yourself sitting here to

10
00:00:39,590 --> 00:00:37,520
congratulate

11
00:00:46,630 --> 00:00:39,600
catherine coleman will say happy

12
00:00:54,229 --> 00:00:49,750
unfortunately we cannot give her big

13
00:01:01,590 --> 00:00:54,239

gifts so this is our little humble gift

14

00:01:06,390 --> 00:01:03,830
which they're going to fly to the

15

00:01:08,630 --> 00:01:06,400
international space station

16

00:01:12,149 --> 00:01:08,640
after this meeting

17

00:01:15,590 --> 00:01:13,109
today

18

00:01:19,270 --> 00:01:15,600
we're supposed to approve the backup and

19

00:01:22,789 --> 00:01:19,280
the main crew of the manned flight of

20

00:01:25,350 --> 00:01:22,799
soyuz tma-20

21

00:01:27,910 --> 00:01:25,360
the council of chief designers technical

22

00:01:29,990 --> 00:01:27,920
management and the collegiate committee

23

00:01:31,590 --> 00:01:30,000
of the federal agency space federal

24

00:01:33,350 --> 00:01:31,600
agency having

25

00:01:35,270 --> 00:01:33,360
listened to

26

00:01:37,990 --> 00:01:35,280

all the reports of the status of

27

00:01:40,950 --> 00:01:38,000

international space station

28

00:01:42,389 --> 00:01:40,960

and about the course of preparation to

29

00:01:44,550 --> 00:01:42,399

mend flight

30

00:01:45,910 --> 00:01:44,560

the launch vehicle status

31

00:01:49,990 --> 00:01:45,920

they

32

00:01:52,630 --> 00:01:50,000

have made a decision for december 15

33

00:01:55,030 --> 00:01:52,640

launch of spacecraft

34

00:01:57,350 --> 00:01:55,040

crew transportation vehicle for

35

00:01:58,550 --> 00:01:57,360

expedition 26 to

36

00:02:01,429 --> 00:01:58,560

iss

37

00:02:06,830 --> 00:02:03,830

is going to perform the flight

38

00:02:09,430 --> 00:02:06,840

that is 150 days

39

00:02:13,430 --> 00:02:09,440

duration uh during that time the crew is

40

00:02:16,150 --> 00:02:13,440

going to perform a huge amount of work

41

00:02:18,710 --> 00:02:16,160

it's going to implement a vast program

42

00:02:20,949 --> 00:02:18,720

of scientific research and experiments

43

00:02:22,710 --> 00:02:20,959

in many different venues

44

00:02:23,990 --> 00:02:22,720

yesterday in accordance with the

45

00:02:25,510 --> 00:02:24,000

schedule

46

00:02:29,030 --> 00:02:25,520

uh of the

47

00:02:29,990 --> 00:02:29,040

final stage of preparation for launch

48

00:02:31,030 --> 00:02:30,000

the

49

00:02:33,430 --> 00:02:31,040

space

50

00:02:36,470 --> 00:02:33,440

launch vehicle has been

51
00:02:39,110 --> 00:02:36,480
rolled out to the space complex

52
00:02:40,630 --> 00:02:39,120
integrated tests have been performed all

53
00:02:43,750 --> 00:02:40,640
the operations

54
00:02:45,430 --> 00:02:43,760
are completed with a high quality of

55
00:02:48,869 --> 00:02:45,440
reliability

56
00:02:51,190 --> 00:02:48,879
uh naturally we're hoping that the crew

57
00:02:54,390 --> 00:02:51,200
experiences and his excellent training

58
00:02:56,550 --> 00:02:54,400
is going to allow uh it to implement

59
00:02:57,670 --> 00:02:56,560
everything that's planned for our flight

60
00:03:01,430 --> 00:02:57,680
program

61
00:03:03,350 --> 00:03:01,440
uh and now the podium

62
00:03:06,790 --> 00:03:03,360
is provided to the head of the training

63
00:03:15,910 --> 00:03:06,800

center named gagarin training center

64

00:03:21,270 --> 00:03:18,630

members of the state committee in order

65

00:03:24,070 --> 00:03:21,280

to perform space flight for expeditions

66

00:03:25,190 --> 00:03:24,080

26 and 27 of the international space

67

00:03:27,350 --> 00:03:25,200

station

68

00:03:29,750 --> 00:03:27,360

uh the crew were trained in the

69

00:03:35,990 --> 00:03:29,760

following composition main crew can

70

00:03:41,030 --> 00:03:37,990

spacecraft commander

71

00:03:43,509 --> 00:03:41,040

flight engineer of expeditions 26 and

72

00:03:47,110 --> 00:03:43,519

27. pauline is polio the cosmonaut of

73

00:03:49,830 --> 00:03:47,120

the italian of the european space agency

74

00:03:54,309 --> 00:03:49,840

flight engineer kendrick coleman

75

00:03:56,229 --> 00:03:54,319

nasa astronaut a flight engineer

76
00:03:57,270 --> 00:03:56,239
of the soyuz and flight engineer of the

77
00:04:03,270 --> 00:03:57,280
station

78
00:04:09,589 --> 00:04:05,830
spacecraft at flight engineer of

79
00:04:11,990 --> 00:04:09,599
expeditions 26 and 27 the tourist

80
00:04:14,630 --> 00:04:12,000
flight engineer satoshi

81
00:04:17,110 --> 00:04:14,640
flight engineer of expeditions 26 and 27

82
00:04:19,509 --> 00:04:17,120
and it's a used vehicle flight engineer

83
00:04:22,230 --> 00:04:19,519
and mike fossum

84
00:04:24,390 --> 00:04:22,240
nasa astronaut flight engineer of soyuz

85
00:04:28,070 --> 00:04:24,400
vehicle end of iss

86
00:04:30,390 --> 00:04:28,080
the program has been fulfilled

87
00:04:33,510 --> 00:04:30,400
the astronauts have and cosmonauts have

88
00:04:35,430 --> 00:04:33,520

passed all the exams and tests

89

00:04:37,510 --> 00:04:35,440

and based on the statement of the

90

00:04:39,110 --> 00:04:37,520

medical committee all the crew members

91

00:04:43,909 --> 00:04:39,120

are

92

00:04:46,310 --> 00:04:43,919

flight

93

00:04:48,230 --> 00:04:46,320

commission on the determination of screw

94

00:04:50,710 --> 00:04:48,240

readiness for a flight

95

00:04:52,469 --> 00:04:50,720

has reviewed of review the results of

96

00:04:53,350 --> 00:04:52,479

program fulfillment

97

00:04:59,830 --> 00:04:53,360

and

98

00:05:05,189 --> 00:05:02,950

for the tma so used uh crew

99

00:05:06,710 --> 00:05:05,199

transportation vehicle and iss are ready

100

00:05:09,350 --> 00:05:06,720

for flight

101
00:05:12,230 --> 00:05:09,360
the pre-launch preparation of the crew

102
00:05:13,830 --> 00:05:12,240
has also been fulfilled

103
00:05:16,310 --> 00:05:13,840
the main crew

104
00:05:22,550 --> 00:05:16,320
commander

105
00:05:25,430 --> 00:05:22,560
uh flight engineer is paolo nespoli and

106
00:05:27,270 --> 00:05:25,440
flight engineer 2 catherine coleman

107
00:05:29,510 --> 00:05:27,280
backup crew

108
00:05:31,909 --> 00:05:29,520
flight commander natalie venetian flight

109
00:05:33,029 --> 00:05:31,919
engineer satoshi furakawa

110
00:05:35,350 --> 00:05:33,039
and

111
00:05:38,950 --> 00:05:35,360
flight engineer 2 michael fossum end of

112
00:05:45,749 --> 00:05:42,230
now the deputy program iss program

113
00:05:49,830 --> 00:05:45,759

director director from nasa um

114

00:05:53,590 --> 00:05:51,430

so dimitri

115

00:05:55,350 --> 00:05:53,600

paolo and katie would like to first

116

00:05:57,110 --> 00:05:55,360

thank you and congratulate you on behalf

117

00:05:59,590 --> 00:05:57,120

of nasa and completing all of your

118

00:06:02,469 --> 00:05:59,600

training successfully

119

00:06:02,479 --> 00:06:16,309

dimitri paula

120

00:06:21,029 --> 00:06:18,469

i've spoken with my colleagues back in

121

00:06:31,029 --> 00:06:21,039

houston and all as well on the honorable

122

00:06:31,039 --> 00:06:40,469

smith

123

00:06:43,670 --> 00:06:42,070

however it's not complete with only

124

00:06:52,870 --> 00:06:43,680

three people on board so they're

125

00:06:57,189 --> 00:06:54,230

you'll have a busy schedule when you

126

00:06:58,469 --> 00:06:57,199

arrive uh in the first three months of

127

00:07:31,110 --> 00:06:58,479

your work on orbit you'll have a

128

00:07:35,270 --> 00:07:33,189

so you have lots of hard work but please

129

00:07:37,749 --> 00:07:35,280

take a little time to enjoy life on

130

00:07:40,309 --> 00:07:37,759

board the space station and and look out

131

00:07:57,749 --> 00:07:40,319

out the windows and see the magnificent

132

00:08:02,469 --> 00:07:59,670

katie on the occasion of her birthday

133

00:08:39,110 --> 00:08:02,479

and we have a present from

134

00:08:42,949 --> 00:08:40,630

given to the

135

00:08:49,030 --> 00:08:42,959

chief of the astronautics office of

136

00:08:53,190 --> 00:08:50,710

i confirmed that the crew members have

137

00:09:00,389 --> 00:08:53,200

undergone successfully all the necessary

138

00:09:06,470 --> 00:09:03,509

that is uh based on the european module

139

00:09:20,829 --> 00:09:06,480

columbus and also atv2

140

00:09:23,910 --> 00:09:22,870

management congratulations to ross

141

00:09:25,829 --> 00:09:23,920

cosmos

142

00:09:27,030 --> 00:09:25,839

rsa nergie

143

00:09:29,350 --> 00:09:27,040

and

144

00:09:31,590 --> 00:09:29,360

ctc

145

00:09:33,110 --> 00:09:31,600

for the organization of cosmonaut

146

00:09:37,269 --> 00:09:33,120

training

147

00:09:40,790 --> 00:09:37,279

and their preparedness for launch

148

00:09:43,990 --> 00:09:40,800

i'm also thankful to nasa so that

149

00:09:48,470 --> 00:09:44,000

you could you were able to organize

150

00:09:53,829 --> 00:09:50,710

this is a very unusual crew

151
00:09:56,470 --> 00:09:53,839
professional it's very professional

152
00:09:59,509 --> 00:09:56,480
international

153
00:10:12,470 --> 00:09:59,519
and it represents everything that we

154
00:10:17,269 --> 00:10:14,630
is

155
00:10:19,590 --> 00:10:17,279
a demonstration of

156
00:10:21,190 --> 00:10:19,600
earth flying to

157
00:10:25,750 --> 00:10:21,200
space

158
00:10:29,910 --> 00:10:27,509
italian

159
00:10:31,829 --> 00:10:29,920
is the first expedition for isa with an

160
00:10:33,509 --> 00:10:31,839
italian astronaut

161
00:10:34,870 --> 00:10:33,519
it's very important

162
00:10:42,310 --> 00:10:34,880
because

163
00:10:43,990 --> 00:10:43,110

the

164

00:10:53,829 --> 00:10:44,000

first

165

00:11:00,870 --> 00:10:56,870

i am wishing you a successful lunch

166

00:11:12,310 --> 00:11:03,670

and soft landing but not right now a

167

00:11:16,870 --> 00:11:14,550

a few days ago the state committee has

168

00:11:20,870 --> 00:11:16,880

approved the main crew

169

00:11:23,110 --> 00:11:20,880

for the longest next expedition for iss

170

00:11:24,150 --> 00:11:23,120

dmitry kandra's of the russian cosmonaut

171

00:11:25,750 --> 00:11:24,160

the

172

00:11:27,350 --> 00:11:25,760

crew commander

173

00:11:31,110 --> 00:11:27,360

flight engineer

174

00:11:32,230 --> 00:11:31,120

and flight commander paolo nespoli

175

00:11:36,230 --> 00:11:32,240

italian

176
00:11:37,910 --> 00:11:36,240
astronaut flight engineer and iss flight

177
00:11:40,470 --> 00:11:37,920
engineer

178
00:11:45,030 --> 00:11:40,480
catherine foreman usa

179
00:11:49,590 --> 00:11:45,040
flight engineer of soyuz and iss

180
00:11:49,600 --> 00:12:06,150
and commander of iss anatoly venetians

181
00:12:10,069 --> 00:12:07,670
and iss

182
00:12:12,150 --> 00:12:10,079
usa astronaut

183
00:12:14,069 --> 00:12:12,160
we can ask questions to the main and to

184
00:12:19,350 --> 00:12:14,079
the backup crew

185
00:12:23,750 --> 00:12:21,670
i have two questions first for catherine

186
00:12:25,670 --> 00:12:23,760
and the second one for paulo catherine

187
00:12:27,430 --> 00:12:25,680
first of all today is your birthday and

188
00:12:30,069 --> 00:12:27,440

i want to say happy birthday it's your

189

00:12:32,949 --> 00:12:30,079

anniversary today and um

190

00:12:35,190 --> 00:12:32,959

you are the most experienced and uh

191

00:12:37,829 --> 00:12:35,200

among your teammates and you're a woman

192

00:12:39,110 --> 00:12:37,839

and i guess that you

193

00:12:41,190 --> 00:12:39,120

may know that

194

00:12:43,509 --> 00:12:41,200

during all these years iss have been

195

00:12:46,150 --> 00:12:43,519

changing towards being more woman

196

00:12:48,550 --> 00:12:46,160

friendly and did you notice those

197

00:12:51,750 --> 00:12:48,560

changes and what are they and the second

198

00:12:54,470 --> 00:12:51,760

question to paulo paulo

199

00:12:56,470 --> 00:12:54,480

i hope that you won't find my question a

200

00:12:58,870 --> 00:12:56,480

bit too personal but still i'd like to

201
00:13:01,750 --> 00:12:58,880
i'd like you to answer it i heard that

202
00:13:04,150 --> 00:13:01,760
you you met your future wife during your

203
00:13:05,350 --> 00:13:04,160
training in the cosmonauts preparation

204
00:13:07,269 --> 00:13:05,360
center

205
00:13:08,629 --> 00:13:07,279
can you tell us your love story and how

206
00:13:12,150 --> 00:13:08,639
did that happen

207
00:13:18,310 --> 00:13:15,030
well thank you for uh my birthday wishes

208
00:13:21,110 --> 00:13:18,320
i i feel very lucky to be turning 50 in

209
00:13:23,509 --> 00:13:21,120
the same year that uh yuri gagarin took

210
00:13:24,949 --> 00:13:23,519
his first flight to space

211
00:13:27,670 --> 00:13:24,959
i think it's

212
00:13:28,710 --> 00:13:27,680
good for us as people to think in terms

213
00:13:29,509 --> 00:13:28,720

of

214

00:13:31,350 --> 00:13:29,519

big

215

00:13:33,269 --> 00:13:31,360

periods of time often we think about

216

00:13:35,750 --> 00:13:33,279

what did we do today what did we do this

217

00:13:37,750 --> 00:13:35,760

week what do we need to do this year

218

00:13:40,230 --> 00:13:37,760

and it's in the short term we're

219

00:13:43,030 --> 00:13:40,240

thinking in small steps and sometimes an

220

00:13:45,110 --> 00:13:43,040

anniversary like a birthday or an the

221

00:13:47,590 --> 00:13:45,120

anniversary of gagarin's first flight in

222

00:13:49,750 --> 00:13:47,600

april 50 years of human space flight

223

00:14:27,189 --> 00:13:49,760

gives us an opportunity

224

00:14:27,199 --> 00:14:43,750

foreign

225

00:14:48,790 --> 00:14:46,470

i know that vlad can do anything

226

00:14:49,910 --> 00:14:48,800

he's my favorite interpreter thank you

227

00:14:52,069 --> 00:14:49,920

um

228

00:14:54,230 --> 00:14:52,079

so i think it's

229

00:14:56,389 --> 00:14:54,240

very significant to think about these

230

00:14:59,350 --> 00:14:56,399

great accomplishments and to realize

231

00:15:01,350 --> 00:14:59,360

that we accomplish them step by step and

232

00:15:03,670 --> 00:15:01,360

i'm very proud to be part of our step

233

00:15:05,670 --> 00:15:03,680

which is expedition 26 to the

234

00:15:08,230 --> 00:15:05,680

international space station

235

00:15:10,550 --> 00:15:08,240

and as for your question about whether

236

00:15:12,870 --> 00:15:10,560

the station has become friendly to all

237

00:15:13,990 --> 00:15:12,880

sorts of people including women

238

00:15:15,990 --> 00:15:14,000

i think

239

00:15:18,629 --> 00:15:16,000

all of us when we go on a big trip we

240

00:15:19,750 --> 00:15:18,639

think about what we need what we think

241

00:15:21,590 --> 00:15:19,760

we need

242

00:15:23,670 --> 00:15:21,600

and what i've heard on the station is

243

00:15:25,829 --> 00:15:23,680

that when we get up there we really

244

00:15:27,590 --> 00:15:25,839

don't need very much to do the work that

245

00:15:30,310 --> 00:15:27,600

we are doing except the the right

246

00:15:32,710 --> 00:15:30,320

equipment and the right procedures the

247

00:15:34,389 --> 00:15:32,720

right people on the ground but as for

248

00:15:36,069 --> 00:15:34,399

the little things in life i've heard

249

00:15:37,590 --> 00:15:36,079

they're just not important when you look

250

00:15:40,069 --> 00:15:37,600

out the window and you see the earth

251
00:15:42,550 --> 00:15:40,079
below

252
00:15:44,629 --> 00:15:42,560
so i think you want to know about uh uh

253
00:15:47,030 --> 00:15:44,639
my love story with uh with alexander

254
00:15:48,389 --> 00:15:47,040
who's sitting right there by the way

255
00:15:49,749 --> 00:15:48,399
um

256
00:15:54,629 --> 00:15:49,759
i think

257
00:15:57,749 --> 00:15:54,639
mysterious way and we still don't have a

258
00:16:00,949 --> 00:15:57,759
formula to make it work so my my mother

259
00:16:03,910 --> 00:16:00,959
wanted me to marry a girl from our town

260
00:16:06,389 --> 00:16:03,920
this was when i was fairly young

261
00:16:08,230 --> 00:16:06,399
and then i started traveling around and

262
00:16:09,749 --> 00:16:08,240
every once in a while i would come over

263
00:16:12,629 --> 00:16:09,759

with a different girlfriend so she

264

00:16:14,069 --> 00:16:12,639

settled for any girlfriend from italy

265

00:16:16,470 --> 00:16:14,079

and then and then after a while she

266

00:16:20,150 --> 00:16:16,480

settled for any girlfriend that's it

267

00:16:22,230 --> 00:16:20,160

no uh though i uh when when finally

268

00:16:23,590 --> 00:16:22,240

sasha and i got together and it was a

269

00:16:25,350 --> 00:16:23,600

lucky

270

00:16:27,430 --> 00:16:25,360

uh moment

271

00:16:29,189 --> 00:16:27,440

that happened in in a way that nobody

272

00:16:31,990 --> 00:16:29,199

knows but it happened

273

00:16:33,350 --> 00:16:32,000

and i brought our home uh my mother was

274

00:16:34,949 --> 00:16:33,360

really happy

275

00:16:37,189 --> 00:16:34,959

and there is a there is a saying that

276

00:16:38,550 --> 00:16:37,199

that said that says

277

00:16:40,790 --> 00:16:38,560

behind any

278

00:16:43,990 --> 00:16:40,800

great man there is a great woman

279

00:16:45,990 --> 00:16:44,000

i i'm i'm i'm not sure a great man but

280

00:16:47,749 --> 00:16:46,000

but for sure i have a great woman thank

281

00:17:01,430 --> 00:16:47,759

you

282

00:17:01,440 --> 00:17:04,630

foreign

283

00:17:08,549 --> 00:17:06,470

thank you very much peter oliver rt i

284

00:17:10,549 --> 00:17:08,559

have two questions one for dimitri and

285

00:17:12,549 --> 00:17:10,559

one for paulo if i can start with

286

00:17:14,789 --> 00:17:12,559

dimitri um we understand you're quite

287

00:17:15,909 --> 00:17:14,799

the karate enthusiast and we're

288

00:17:17,669 --> 00:17:15,919

wondering if you're going to be

289

00:17:19,510 --> 00:17:17,679

continuing your practice while on board

290

00:17:21,350 --> 00:17:19,520

the iss and if so what effects do you

291

00:17:22,710 --> 00:17:21,360

think the zero gravity will have on your

292

00:17:28,150 --> 00:17:22,720

performance

293

00:17:32,150 --> 00:17:29,909

second question to paulo um you're a

294

00:17:33,430 --> 00:17:32,160

very big guy the soyuz capsule not that

295

00:17:36,710 --> 00:17:33,440

big how are you looking forward to that

296

00:17:38,870 --> 00:17:37,750

especially

297

00:17:50,789 --> 00:17:38,880

thank you for your questions i'll

298

00:17:50,799 --> 00:18:27,750

uh

299

00:18:34,310 --> 00:18:31,029

i've been feeling that i'm involved in

300

00:18:37,510 --> 00:18:34,320

improving my health and i virtually uh

301

00:18:40,310 --> 00:18:37,520

get relief from my main work

302

00:18:42,950 --> 00:18:40,320

i get rest relaxation and this gives me

303

00:18:45,510 --> 00:18:42,960

not only physical strength but as you

304

00:18:47,190 --> 00:18:45,520

all know karate has

305

00:18:52,470 --> 00:18:47,200

components

306

00:18:55,029 --> 00:18:52,480

huge portion of development not only of

307

00:18:58,390 --> 00:18:55,039

sports itself but of human being and

308

00:19:01,909 --> 00:18:58,400

therefore i like this sport

309

00:19:05,909 --> 00:19:01,919

and as far as doing this in space

310

00:19:08,630 --> 00:19:05,919

well of course it's going to be limited

311

00:19:11,270 --> 00:19:08,640

let's say it's not going to be a full

312

00:19:13,350 --> 00:19:11,280

scope activity

313

00:19:15,029 --> 00:19:13,360

there is a number of exercises there are

314

00:19:16,950 --> 00:19:15,039

various kinds of exercises in that

315

00:19:18,950 --> 00:19:16,960

regard there are breathing exercises

316

00:19:20,870 --> 00:19:18,960

there are physical exercises there are

317

00:19:23,510 --> 00:19:20,880

certain exercises you can do in

318

00:19:25,029 --> 00:19:23,520

microgravity conditions

319

00:19:27,750 --> 00:19:25,039

some elements

320

00:19:29,909 --> 00:19:27,760

of this particular sports activity i

321

00:19:32,070 --> 00:19:29,919

would be able to use it will be useful

322

00:19:32,950 --> 00:19:32,080

helpful

323

00:19:35,270 --> 00:19:32,960

and

324

00:19:36,789 --> 00:19:35,280

as long as it doesn't do any damage to

325

00:19:38,630 --> 00:19:36,799

main

326

00:19:41,270 --> 00:19:38,640

activities physical activities of

327

00:19:43,590 --> 00:19:41,280

russian cosmonauts and as long as it's

328

00:19:45,430 --> 00:19:43,600

in agreement with the requirements of

329

00:19:47,750 --> 00:19:45,440

the institute of medical and biological

330

00:19:50,150 --> 00:19:47,760

problems

331

00:19:51,669 --> 00:19:50,160

there is a variety of activities

332

00:19:54,310 --> 00:19:51,679

exercises

333

00:19:58,789 --> 00:19:54,320

daily activity and i believe that it's

334

00:20:04,310 --> 00:20:01,590

so you you define me as a big guy

335

00:20:05,430 --> 00:20:04,320

i would really not call me big

336

00:20:07,669 --> 00:20:05,440

i'm tall

337

00:20:09,909 --> 00:20:07,679

uh not too big

338

00:20:13,669 --> 00:20:09,919

um

339

00:20:15,430 --> 00:20:13,679

through the the sius spacecraft is uh

340

00:20:16,950 --> 00:20:15,440

relatively small

341

00:20:19,750 --> 00:20:16,960

i joke

342

00:20:22,310 --> 00:20:19,760

and say that is as big as the back seat

343

00:20:23,669 --> 00:20:22,320

of a car normally and if i have to

344

00:20:25,909 --> 00:20:23,679

really be

345

00:20:28,390 --> 00:20:25,919

truthful i i think is at least for me

346

00:20:30,630 --> 00:20:28,400

it's not extremely comfortable but

347

00:20:34,549 --> 00:20:30,640

that's not important the important is

348

00:20:36,710 --> 00:20:34,559

that the the spacecraft is reliable can

349

00:20:39,270 --> 00:20:36,720

take us in space and can bring us back

350

00:20:41,029 --> 00:20:39,280

safely and that it does it very well so

351

00:20:43,029 --> 00:20:41,039

we'll suffer a little bit

352

00:20:46,470 --> 00:20:43,039

but we'll stay six months up there and

353

00:20:48,710 --> 00:20:46,480

work which is very important

354

00:20:51,510 --> 00:20:48,720

good evening uh peter leonard associated

355

00:20:54,230 --> 00:20:51,520

press um this is a question to uh all of

356

00:20:56,070 --> 00:20:54,240

you um you got to see the actual uh

357

00:20:57,750 --> 00:20:56,080

sayuse itself a couple of days ago with

358

00:21:00,149 --> 00:20:57,760

your own eyes and as you know there was

359

00:21:02,870 --> 00:21:00,159

a last minute replacement to the

360

00:21:05,029 --> 00:21:02,880

re-entry capsule i was wondering if if

361

00:21:08,549 --> 00:21:05,039

you could just talk us through

362

00:21:10,310 --> 00:21:08,559

um the exact uh why this uh why this

363

00:21:11,029 --> 00:21:10,320

took place and if you're satisfied with

364

00:21:15,029 --> 00:21:11,039

the

365

00:21:18,390 --> 00:21:15,039

and

366

00:21:20,630 --> 00:21:18,400

a second question for paulo i i um

367

00:21:22,549 --> 00:21:20,640

i saw from your uh twitter account that

368

00:21:24,470 --> 00:21:22,559

you've been uh complaining about the uh

369

00:21:27,990 --> 00:21:24,480

the food served to you over here and i

370

00:21:30,549 --> 00:21:28,000

was uh wondering if uh you're concerned

371

00:21:31,909 --> 00:21:30,559

whether with six months in space uh

372

00:21:33,669 --> 00:21:31,919

whether you're going to be uh

373

00:21:35,270 --> 00:21:33,679

dissatisfied with the i don't know the

374

00:21:38,310 --> 00:21:35,280

poor quality of the risotto or the

375

00:21:40,950 --> 00:21:38,320

casual maybe i don't know um so that's

376

00:21:44,630 --> 00:21:42,070

indeed

377

00:21:46,710 --> 00:21:44,640

there was a replacement there was an

378

00:21:49,110 --> 00:21:46,720

issue with the spacecraft

379

00:21:51,270 --> 00:21:49,120

with descent capsule it was replaced by

380

00:21:52,230 --> 00:21:51,280

a new one the new one didn't have any

381

00:21:54,149 --> 00:21:52,240

damage

382

00:21:56,549 --> 00:21:54,159

but of course all the necessary

383

00:21:58,230 --> 00:21:56,559

procedures all the necessary steps that

384

00:22:01,510 --> 00:21:58,240

are supposed to be performed for

385

00:22:04,630 --> 00:22:01,520

checkout of integrity those were done

386

00:22:07,110 --> 00:22:04,640

without any exceptions uh they were

387

00:22:09,270 --> 00:22:07,120

performed successfully and during the

388

00:22:12,230 --> 00:22:09,280

fifth check

389

00:22:13,909 --> 00:22:12,240

the state of the capsule was checked out

390

00:22:16,549 --> 00:22:13,919

and based on results there were

391

00:22:17,669 --> 00:22:16,559

absolutely no issues and we have no

392

00:22:20,470 --> 00:22:17,679

doubts

393

00:22:22,230 --> 00:22:20,480

in the reliability of the spacecraft and

394

00:22:26,470 --> 00:22:22,240

i'm certain that the flight will be

395

00:22:31,110 --> 00:22:28,710

about the the complaining about the food

396

00:22:33,510 --> 00:22:31,120

that it was almost a joke between me and

397

00:22:38,310 --> 00:22:33,520

and mike fossum here that you know for

398

00:22:40,470 --> 00:22:38,320

breakfast was having caviar yogurt fear

399

00:22:41,590 --> 00:22:40,480

coffee uh chicken

400

00:22:43,190 --> 00:22:41,600

pasta

401

00:22:45,430 --> 00:22:43,200

uh

402

00:22:48,070 --> 00:22:45,440

eggs no no eggs no cucumbers and

403

00:22:49,750 --> 00:22:48,080

tomatoes and and you know yeah the

404

00:22:52,390 --> 00:22:49,760

problem is that i'm italian we have a

405

00:22:54,230 --> 00:22:52,400

very strict way of eating and that that

406

00:22:56,149 --> 00:22:54,240

breakfast broke every single rule that

407

00:22:58,070 --> 00:22:56,159

we have so we were just joking about

408

00:23:00,470 --> 00:22:58,080

that and we were asking

409

00:23:02,149 --> 00:23:00,480

the people there on twitter if uh what

410

00:23:03,830 --> 00:23:02,159

they think by the way most of the

411

00:23:06,149 --> 00:23:03,840

italians were horrified and most of the

412

00:23:09,029 --> 00:23:06,159

rest of the world were envy about about

413

00:23:11,590 --> 00:23:09,039

him

414

00:23:13,510 --> 00:23:11,600

the the food and station is extremely

415

00:23:15,830 --> 00:23:13,520

important of course because from one

416

00:23:19,110 --> 00:23:15,840

side gives give us enough

417

00:23:21,110 --> 00:23:19,120

protein and calories to sustain our body

418

00:23:23,190 --> 00:23:21,120

and the other side is also a

419

00:23:26,149 --> 00:23:23,200

psychological uh

420

00:23:28,310 --> 00:23:26,159

moment both from a taste point of view

421

00:23:30,789 --> 00:23:28,320

than a social point of view because we

422

00:23:33,270 --> 00:23:30,799

try always to eat it together and and we

423

00:23:35,590 --> 00:23:33,280

put a lot of attention into this food i

424

00:23:38,470 --> 00:23:35,600

have no complaint i've seen that both

425

00:23:40,789 --> 00:23:38,480

nasa and russ cosmos have taken this

426

00:23:42,630 --> 00:23:40,799

very seriously and i'm satisfied with

427

00:23:43,750 --> 00:23:42,640

what we have on board we will have a

428

00:23:46,470 --> 00:23:43,760

great time

429

00:23:48,789 --> 00:23:46,480

and i would say that the food here it's

430

00:23:51,350 --> 00:23:48,799

extremely good there is a dedicated team

431

00:23:53,029 --> 00:23:51,360

of people that really cook us very great

432

00:23:55,029 --> 00:23:53,039

good food and we are really grateful for

433

00:23:55,909 --> 00:23:55,039

this

434

00:23:58,630 --> 00:23:55,919

thank you

435

00:24:02,549 --> 00:23:59,909

natalia

436

00:24:03,750 --> 00:24:02,559

studio roscosmos tell us

437

00:24:05,750 --> 00:24:03,760

is it true

438

00:24:08,870 --> 00:24:05,760

that you are going to celebrate april

439

00:24:10,630 --> 00:24:08,880

the 12th this grandiose holiday and what

440

00:24:13,350 --> 00:24:10,640

are your plans for the celebration do

441

00:24:15,350 --> 00:24:13,360

you have any surprises or tell us

442

00:24:18,390 --> 00:24:15,360

frankly are you going to communicate

443

00:24:19,990 --> 00:24:18,400

with school children is there a good and

444

00:24:22,310 --> 00:24:20,000

this is the first question the second

445

00:24:24,549 --> 00:24:22,320

one to backup crew

446

00:24:27,909 --> 00:24:24,559

everything is so exciting japanese

447

00:24:30,070 --> 00:24:27,919

russian english right now paolo

448

00:24:32,630 --> 00:24:30,080

speaks italian please tell us what

449

00:24:34,390 --> 00:24:32,640

language do you speak among yourselves

450

00:24:36,149 --> 00:24:34,400

what is the common language and which

451
00:24:37,909 --> 00:24:36,159
one is your favorite

452
00:24:42,630 --> 00:24:37,919
and which language are you planning to

453
00:24:44,870 --> 00:24:42,640
communicate in with at the iss uh yes

454
00:24:46,470 --> 00:24:44,880
i'm going to join

455
00:24:48,870 --> 00:24:46,480
what

456
00:24:52,549 --> 00:24:48,880
said that the 50 years of the first

457
00:24:55,269 --> 00:24:52,559
flight of men in space is a grand event

458
00:24:56,870 --> 00:24:55,279
for the entire world not just for russia

459
00:24:59,110 --> 00:24:56,880
it's the symbol of the beginning of a

460
00:25:01,510 --> 00:24:59,120
new era

461
00:25:02,710 --> 00:25:01,520
human flight in space

462
00:25:04,070 --> 00:25:02,720
and

463
00:25:07,269 --> 00:25:04,080

i believe that it's going to be

464

00:25:09,029 --> 00:25:07,279

celebrated all over the world

465

00:25:11,029 --> 00:25:09,039

and i think that even by asking the

466

00:25:13,029 --> 00:25:11,039

question you have listed

467

00:25:14,390 --> 00:25:13,039

most of those events that are going to

468

00:25:16,630 --> 00:25:14,400

happen in which we're going to be

469

00:25:18,789 --> 00:25:16,640

involved i think that's important for

470

00:25:21,590 --> 00:25:18,799

the crew and for all the people to

471

00:25:24,070 --> 00:25:21,600

communicate not only with

472

00:25:27,990 --> 00:25:24,080

correspondence with journalists or with

473

00:25:30,070 --> 00:25:28,000

people who represent space industry but

474

00:25:31,990 --> 00:25:30,080

with school children and students all

475

00:25:34,710 --> 00:25:32,000

over the world not only in russia but in

476

00:25:37,590 --> 00:25:34,720

the united states in europe it could be

477

00:25:41,029 --> 00:25:37,600

africa australia because

478

00:25:43,269 --> 00:25:41,039

human flight in space 51st flight is

479

00:25:46,230 --> 00:25:43,279

indeed an important step in the

480

00:25:48,950 --> 00:25:46,240

development of the entire humanity and

481

00:25:50,390 --> 00:25:48,960

i'm hoping that 50 years that have

482

00:25:52,390 --> 00:25:50,400

passed since

483

00:25:56,230 --> 00:25:52,400

the first flight

484

00:25:58,470 --> 00:25:56,240

have made its huge contribution

485

00:25:59,830 --> 00:25:58,480

into the development of this

486

00:26:02,070 --> 00:25:59,840

field and

487

00:26:04,310 --> 00:26:02,080

i'm also hoping that the next 50 years

488

00:26:05,110 --> 00:26:04,320

will be no less significant

489

00:26:07,029 --> 00:26:05,120

and

490

00:26:10,149 --> 00:26:07,039

we're hoping to see

491

00:26:12,470 --> 00:26:10,159

during the next 50 years

492

00:26:15,830 --> 00:26:12,480

more significant events

493

00:26:17,750 --> 00:26:15,840

or as significant as gagarin flight

494

00:26:20,470 --> 00:26:17,760

i'd like to actually steal something

495

00:26:21,909 --> 00:26:20,480

that paulo says that i like very much

496

00:26:23,990 --> 00:26:21,919

which is that

497

00:26:26,149 --> 00:26:24,000

when we think about 50 years of the

498

00:26:27,510 --> 00:26:26,159

space program in the history of the

499

00:26:30,070 --> 00:26:27,520

space program

500

00:26:31,830 --> 00:26:30,080

um the places that we get to be

501
00:26:33,669 --> 00:26:31,840
are very special

502
00:26:35,669 --> 00:26:33,679
and what he says that i

503
00:26:37,909 --> 00:26:35,679
really love is that he says i feel like

504
00:26:39,590 --> 00:26:37,919
when i'm in these places like baikonur

505
00:26:41,750 --> 00:26:39,600
or star city

506
00:26:43,830 --> 00:26:41,760
training in here in baikonur for launch

507
00:26:46,870 --> 00:26:43,840
i feel like i'm walking on the pages of

508
00:26:48,310 --> 00:26:46,880
history and i imagine that as one of the

509
00:26:50,549 --> 00:26:48,320
as the crew that's on board the

510
00:26:53,430 --> 00:26:50,559
international space station on this very

511
00:26:56,390 --> 00:26:53,440
special day we won't be walking on the

512
00:26:58,630 --> 00:26:56,400
pages of history we'll be floating and i

513
00:27:01,029 --> 00:26:58,640

think we'll be floating in the cupola

514

00:27:03,029 --> 00:27:01,039

looking out the window and reflecting on

515

00:27:12,630 --> 00:27:03,039

the place that we get to enjoy this

516

00:27:16,070 --> 00:27:13,909

and

517

00:27:17,110 --> 00:27:16,080

i would say that it could have been

518

00:27:19,110 --> 00:27:17,120

it could have been any more

519

00:27:21,750 --> 00:27:19,120

international than it is already and

520

00:27:23,029 --> 00:27:21,760

it's fair to say about the main crew as

521

00:27:25,190 --> 00:27:23,039

well

522

00:27:27,510 --> 00:27:25,200

speaking of the languages which we speak

523

00:27:30,710 --> 00:27:27,520

uh i would say

524

00:27:34,710 --> 00:27:32,149

we do not

525

00:27:36,310 --> 00:27:34,720

have a full command of all

526

00:27:38,230 --> 00:27:36,320

languages not all languages are

527

00:27:39,190 --> 00:27:38,240

accessible to us

528

00:27:42,230 --> 00:27:39,200

and

529

00:27:44,950 --> 00:27:42,240

if we were to speak about the most

530

00:27:51,750 --> 00:27:44,960

evolved person from our cruise

531

00:27:55,510 --> 00:27:53,190

the one who

532

00:27:58,630 --> 00:27:55,520

has full comment of the english language

533

00:28:01,190 --> 00:27:58,640

but his russian i can evaluate it's

534

00:28:05,190 --> 00:28:01,200

almost as if he lived in all his life in

535

00:28:08,789 --> 00:28:05,200

the razan region as far as my

536

00:28:09,750 --> 00:28:08,799

knowledge of japanese it's very limited

537

00:28:11,430 --> 00:28:09,760

and

538

00:28:13,669 --> 00:28:11,440

so we have only two languages that we

539

00:28:16,470 --> 00:28:13,679

can communicate in russian and english

540

00:28:18,710 --> 00:28:16,480

nevertheless perhaps it's also very

541

00:28:22,470 --> 00:28:18,720

surprising that we understand one

542

00:28:24,870 --> 00:28:22,480

another so well in spite of coming from

543

00:28:42,310 --> 00:28:24,880

such different countries and different

544

00:28:45,510 --> 00:28:43,510

we speak

545

00:28:47,669 --> 00:28:45,520

english or russian

546

00:28:49,750 --> 00:28:47,679

but among the crew it depends on many

547

00:28:51,269 --> 00:28:49,760

things right now we've been

548

00:28:53,269 --> 00:28:51,279

living

549

00:28:55,590 --> 00:28:53,279

in observation

550

00:28:57,350 --> 00:28:55,600

mode and anatoly

551

00:29:00,310 --> 00:28:57,360

good morning told

552

00:29:02,710 --> 00:29:00,320

uh in english uh today good morning

553

00:29:05,750 --> 00:29:02,720

dobre ultra in russian and i responded

554

00:29:09,029 --> 00:29:05,760

to him in russian dobre ultra thank you

555

00:29:12,710 --> 00:29:11,029

robin avias with nasa television two

556

00:29:15,430 --> 00:29:12,720

questions for katie

557

00:29:16,950 --> 00:29:15,440

happy birthday first of all katie

558

00:29:19,029 --> 00:29:16,960

in part due to the

559

00:29:20,549 --> 00:29:19,039

launch delays to the next two space

560

00:29:22,870 --> 00:29:20,559

shuttle missions to early february and

561

00:29:25,190 --> 00:29:22,880

early april the increment now will see

562

00:29:27,350 --> 00:29:25,200

almost non-stop traffic from

563

00:29:29,909 --> 00:29:27,360

multinational vehicles representing the

564

00:29:32,710 --> 00:29:29,919

international partnership how complex

565

00:29:34,470 --> 00:29:32,720

will your increment now become

566

00:29:36,310 --> 00:29:34,480

both in terms of the workload and the

567

00:29:37,510 --> 00:29:36,320

goals you hope to achieve and i have a

568

00:29:38,549 --> 00:29:37,520

follow-up

569

00:29:40,870 --> 00:29:38,559

well

570

00:29:42,389 --> 00:29:40,880

this crew likes to work

571

00:29:45,190 --> 00:29:42,399

and i think we're going to have a lot of

572

00:29:47,590 --> 00:29:45,200

work to do i i'm i'm excited and i think

573

00:29:48,789 --> 00:29:47,600

the the guys are as well

574

00:29:50,870 --> 00:29:48,799

because

575

00:29:53,590 --> 00:29:50,880

these various supply vehicles and

576
00:29:56,470 --> 00:29:53,600
operations so we have a japanese supply

577
00:29:57,750 --> 00:29:56,480
vehicle a european supply vehicle

578
00:29:59,350 --> 00:29:57,760
we have the

579
00:30:02,549 --> 00:29:59,360
progress which is the russian supply

580
00:30:04,230 --> 00:30:02,559
vehicle they all dock or you know

581
00:30:06,310 --> 00:30:04,240
meet the station in different ways and

582
00:30:09,190 --> 00:30:06,320
in fact the japanese supply vehicle

583
00:30:10,710 --> 00:30:09,200
comes and hovers close by the station

584
00:30:12,310 --> 00:30:10,720
and then paulo and i will use the

585
00:30:15,110 --> 00:30:12,320
controls of the robotic arm to actually

586
00:30:17,430 --> 00:30:15,120
reach out capture that and then install

587
00:30:19,750 --> 00:30:17,440
it on the station so these these

588
00:30:22,310 --> 00:30:19,760

vehicles and then add the shuttle onto

589

00:30:24,310 --> 00:30:22,320

that represent the absolute

590

00:30:25,750 --> 00:30:24,320

international nature of our space

591

00:30:27,990 --> 00:30:25,760

station and the fact that we're all

592

00:30:29,430 --> 00:30:28,000

working together to make these things

593

00:30:31,190 --> 00:30:29,440

work because they're bringing things

594

00:30:33,190 --> 00:30:31,200

that we really need

595

00:30:34,710 --> 00:30:33,200

and with respect to being ready for

596

00:30:38,070 --> 00:30:34,720

those challenges

597

00:30:40,470 --> 00:30:38,080

we learn as a crew many generic skills

598

00:30:42,470 --> 00:30:40,480

how to operate the robotic arm how to

599

00:30:45,350 --> 00:30:42,480

prepare a port on the space station for

600

00:30:47,750 --> 00:30:45,360

the arrival of a supply vehicle

601
00:30:49,750 --> 00:30:47,760
and so we know how to do those things

602
00:30:52,230 --> 00:30:49,760
generically the fact that there are more

603
00:30:53,110 --> 00:30:52,240
of them than expected should not be a

604
00:30:56,470 --> 00:30:53,120
problem

605
00:30:59,110 --> 00:30:56,480
and for the specific um elements of

606
00:31:00,710 --> 00:30:59,120
which shuttle which tasks then we have

607
00:31:02,389 --> 00:31:00,720
ways of getting that information from

608
00:31:04,310 --> 00:31:02,399
the ground and reviewing it ahead of

609
00:31:05,990 --> 00:31:04,320
time

610
00:31:07,830 --> 00:31:06,000
and the follow-up for katie it's been a

611
00:31:09,190 --> 00:31:07,840
little over 15 years since your first

612
00:31:11,350 --> 00:31:09,200
flight into space as a mission

613
00:31:12,710 --> 00:31:11,360

specialist on a dedicated scientific

614

00:31:14,630 --> 00:31:12,720

research flight

615

00:31:17,509 --> 00:31:14,640

in your wildest imagination could you

616

00:31:19,909 --> 00:31:17,519

have dreamed of an opportunity to be a

617

00:31:22,070 --> 00:31:19,919

researcher for five months on a complex

618

00:31:24,310 --> 00:31:22,080

like the iss

619

00:31:27,669 --> 00:31:24,320

my first mission was a laboratory

620

00:31:30,870 --> 00:31:27,679

mission uh 16 days 30 different

621

00:31:32,549 --> 00:31:30,880

experiments but the main purpose was to

622

00:31:34,630 --> 00:31:32,559

understand

623

00:31:37,190 --> 00:31:34,640

since we are building a space station

624

00:31:39,669 --> 00:31:37,200

how can we conduct science and

625

00:31:43,110 --> 00:31:39,679

engineering in space what do we need to

626
00:31:45,430 --> 00:31:43,120
do to get data down to the ground and

627
00:31:47,029 --> 00:31:45,440
instructions up to the crew

628
00:31:49,430 --> 00:31:47,039
if you look at the patch from that

629
00:31:52,070 --> 00:31:49,440
mission you will see the cupola window

630
00:31:54,549 --> 00:31:52,080
of the space station it has that shape

631
00:31:56,149 --> 00:31:54,559
in that that picture and it's because we

632
00:31:59,110 --> 00:31:56,159
were getting ready for the space station

633
00:32:01,830 --> 00:31:59,120
and i'm very excited about going and and

634
00:32:06,870 --> 00:32:01,840
conducting those experiments now

635
00:32:13,830 --> 00:32:10,310
hi i'm francisco for spanish rt

636
00:32:15,430 --> 00:32:13,840
a happy birthday catherine first of all

637
00:32:16,789 --> 00:32:15,440
i would like to know about the

638
00:32:18,470 --> 00:32:16,799

superstition

639

00:32:20,389 --> 00:32:18,480

and the traditions

640

00:32:22,070 --> 00:32:20,399

how it makes and

641

00:32:23,990 --> 00:32:22,080

for example for you

642

00:32:27,509 --> 00:32:24,000

catherine what does it mean

643

00:32:28,549 --> 00:32:27,519

superstitions or traditions and which is

644

00:32:29,350 --> 00:32:28,559

the line

645

00:32:31,269 --> 00:32:29,360

that

646

00:32:33,990 --> 00:32:31,279

there's a lot of obviously

647

00:32:35,029 --> 00:32:34,000

history on this process

648

00:32:36,389 --> 00:32:35,039

but

649

00:32:39,509 --> 00:32:36,399

what is the the line between

650

00:32:42,070 --> 00:32:39,519

superstition and tradition and which are

651
00:32:44,789 --> 00:32:42,080
your favorite tradition during these

652
00:32:46,470 --> 00:32:44,799
last days of this process that you will

653
00:32:48,950 --> 00:32:46,480
make history

654
00:32:51,509 --> 00:32:48,960
i think that putting on a spacesuit

655
00:32:53,909 --> 00:32:51,519
involves almost a ritual you do it the

656
00:32:55,509 --> 00:32:53,919
same way every single time and it's a

657
00:32:57,350 --> 00:32:55,519
way of preparing yourself for the

658
00:32:59,509 --> 00:32:57,360
journey and knowing that you're ready

659
00:33:01,430 --> 00:32:59,519
and that you'll be safe so i think more

660
00:33:04,149 --> 00:33:01,440
in terms of ritual

661
00:33:06,310 --> 00:33:04,159
than superstition or

662
00:33:09,430 --> 00:33:06,320
tradition but one of the traditions i've

663
00:33:12,470 --> 00:33:09,440

been introduced to here in in baikonur

664

00:33:15,269 --> 00:33:12,480

is that every cosmonaut astronaut

665

00:33:18,230 --> 00:33:15,279

gets to go and plant a tree right here

666

00:33:20,950 --> 00:33:18,240

at the cosmonaut hotel and in that that

667

00:33:22,389 --> 00:33:20,960

tree represents their voyage on the

668

00:33:25,590 --> 00:33:22,399

soyuz

669

00:33:26,870 --> 00:33:25,600

dominic is a tv on behalf of the italian

670

00:33:30,230 --> 00:33:26,880

journalist who could not make it

671

00:33:45,669 --> 00:33:30,240

parallel uh como style

672

00:33:49,990 --> 00:33:47,830

so the first question is how are you

673

00:33:53,029 --> 00:33:50,000

the second question that you're part of

674

00:33:54,470 --> 00:33:53,039

a very symbolic crew a european an

675

00:33:57,029 --> 00:33:54,480

american

676

00:33:59,190 --> 00:33:57,039

a russian there's also japanese here so

677

00:34:01,669 --> 00:33:59,200

is cooperation the the solution and the

678

00:34:05,110 --> 00:34:01,679

last question paulo what what will you

679

00:34:10,149 --> 00:34:07,750

well um everything is uh is under

680

00:34:12,790 --> 00:34:10,159

control everything is good so i feel

681

00:34:14,069 --> 00:34:12,800

good i think we all feel good especially

682

00:34:16,790 --> 00:34:14,079

after the

683

00:34:20,869 --> 00:34:16,800

big commission big state commission gave

684

00:34:22,869 --> 00:34:20,879

us the thumb up to fly in space

685

00:34:24,629 --> 00:34:22,879

and

686

00:34:26,550 --> 00:34:24,639

yes i think the

687

00:34:29,909 --> 00:34:26,560

international cooperation is one of the

688

00:34:31,510 --> 00:34:29,919

answers for going in space

689

00:34:34,230 --> 00:34:31,520

if we want

690

00:34:36,470 --> 00:34:34,240

to keep going in this exploration going

691

00:34:37,589 --> 00:34:36,480

back to the moon to mars and keep going

692

00:34:40,629 --> 00:34:37,599

again

693

00:34:42,790 --> 00:34:40,639

we are too small as countries to to do

694

00:34:44,869 --> 00:34:42,800

this uh we need to put together all the

695

00:34:47,349 --> 00:34:44,879

resources that are around the world and

696

00:34:49,829 --> 00:34:47,359

go has humanity

697

00:34:51,829 --> 00:34:49,839

and i don't have the many things that i

698

00:34:53,349 --> 00:34:51,839

bring in space

699

00:34:55,589 --> 00:34:53,359

for me

700

00:35:00,550 --> 00:34:58,150

from italy i think i bring two main

701
00:35:02,870 --> 00:35:00,560
things one is myself and the other one

702
00:35:04,870 --> 00:35:02,880
is the flag that i usually carry on my

703
00:35:07,030 --> 00:35:04,880
shoulder and i think this is uh

704
00:35:09,510 --> 00:35:07,040
important and i would like to

705
00:35:13,750 --> 00:35:09,520
very quickly uh

706
00:35:19,109 --> 00:35:16,950
thank you

707
00:35:20,870 --> 00:35:19,119
allow me to add a little bit since the

708
00:35:23,750 --> 00:35:20,880
subject is

709
00:35:26,470 --> 00:35:23,760
about traditions and superstitions

710
00:35:28,069 --> 00:35:26,480
our crew here have

711
00:35:30,950 --> 00:35:28,079
a good

712
00:35:32,310 --> 00:35:30,960
old tradition not a superstition

713
00:35:34,630 --> 00:35:32,320

that

714

00:35:37,670 --> 00:35:34,640

the crew of soyuz

715

00:35:40,710 --> 00:35:37,680

for the past few years

716

00:35:42,390 --> 00:35:40,720

develops an emblem a symbol a symbol

717

00:35:46,790 --> 00:35:42,400

based on

718

00:35:49,190 --> 00:35:46,800

drawings and our crew is no exception

719

00:35:51,829 --> 00:35:49,200

in the russian space agency there is a

720

00:35:54,470 --> 00:35:51,839

competition and all russian competition

721

00:35:56,150 --> 00:35:54,480

for child children's drawings

722

00:35:58,950 --> 00:35:56,160

and

723

00:36:01,510 --> 00:35:58,960

it is geared to selecting a

724

00:36:04,230 --> 00:36:01,520

basis for the manned flight

725

00:36:06,069 --> 00:36:04,240

emblem and our symbol is

726
00:36:09,910 --> 00:36:06,079
here

727
00:36:11,430 --> 00:36:09,920
and after it is going to be manufactured

728
00:36:14,710 --> 00:36:11,440
in the usual way

729
00:36:16,390 --> 00:36:14,720
here you see there's a spacecraft

730
00:36:19,030 --> 00:36:16,400
soyuz

731
00:36:21,349 --> 00:36:19,040
there is the milky way here

732
00:36:23,670 --> 00:36:21,359
you see the flags of

733
00:36:27,430 --> 00:36:23,680
countries participants

734
00:36:30,230 --> 00:36:27,440
of the iss crew our names

735
00:36:32,870 --> 00:36:30,240
and the names of spacecraft

736
00:36:34,550 --> 00:36:32,880
and you can also see the

737
00:36:37,990 --> 00:36:34,560
uh

738
00:36:42,550 --> 00:36:40,069

and it's a symbol of the fact that the

739

00:36:45,109 --> 00:36:42,560

space flight

740

00:36:49,510 --> 00:36:47,190

represents combined efforts of all

741

00:36:52,069 --> 00:36:49,520

countries both hemispheres the north

742

00:36:54,390 --> 00:36:52,079

northern and the southern hemisphere

743

00:36:56,310 --> 00:36:54,400

in in order to serve the purpose of

744

00:36:57,670 --> 00:36:56,320

developing space exploration and

745

00:37:00,550 --> 00:36:57,680

research

746

00:37:07,190 --> 00:37:04,310

to develop orbital new orbits

747

00:37:09,910 --> 00:37:07,200

lunar orbits

748

00:37:11,430 --> 00:37:09,920

and go beyond the solar system perhaps

749

00:37:13,510 --> 00:37:11,440

someday

750

00:37:17,829 --> 00:37:13,520

and this was the drawing that won a

751
00:37:20,630 --> 00:37:17,839
prize the author is marina corellianka

752
00:37:23,910 --> 00:37:20,640
she is the first grade student

753
00:37:29,430 --> 00:37:26,870
russian federation

754
00:37:31,510 --> 00:37:29,440
she made a drawing i don't think we have

755
00:37:32,950 --> 00:37:31,520
it here but roscosmos should have it you

756
00:37:35,430 --> 00:37:32,960
can look it up

757
00:37:36,630 --> 00:37:35,440
and there is a symbol here

758
00:37:39,109 --> 00:37:36,640
the symbol

759
00:37:40,870 --> 00:37:39,119
itself is here the emblem

760
00:37:44,069 --> 00:37:40,880
of the crew

761
00:37:46,470 --> 00:37:44,079
that has been flying currently

762
00:37:48,310 --> 00:37:46,480
and the one that uh

763
00:37:50,230 --> 00:37:48,320

we're going to join pretty soon and i

764

00:37:52,630 --> 00:37:50,240

think that it's going to be a very good

765

00:37:55,349 --> 00:37:52,640

tradition that is going to continue and

766

00:37:57,589 --> 00:37:55,359

i'm inviting all children

767

00:37:59,670 --> 00:37:57,599

all youths all young people girls and

768

00:38:01,829 --> 00:37:59,680

boys and young women and men to

769

00:38:02,829 --> 00:38:01,839

participate in the competition

770

00:38:06,870 --> 00:38:02,839

and

771

00:38:10,310 --> 00:38:06,880

uh also ross cosmos

772

00:38:12,630 --> 00:38:10,320

is a part of their tradition

773

00:38:14,790 --> 00:38:12,640

they ask the children who are winners of

774

00:38:17,829 --> 00:38:14,800

the competition to buy khanur

775

00:38:21,030 --> 00:38:17,839

and they can visit baikonur during they

776
00:38:22,470 --> 00:38:21,040
have been here during the october launch

777
00:38:24,550 --> 00:38:22,480
the girl communicated with the

778
00:38:30,390 --> 00:38:24,560
cosmonauts the winner of the competition

779
00:38:33,990 --> 00:38:32,630
a visit to baikonur

780
00:38:36,150 --> 00:38:34,000
talking to

781
00:38:38,310 --> 00:38:36,160
specialists who participate in launch

782
00:38:39,750 --> 00:38:38,320
processing in

783
00:38:43,430 --> 00:38:39,760
preparation for launch with the

784
00:38:46,470 --> 00:38:43,440
cosmonauts and to view personally

785
00:38:49,589 --> 00:38:46,480
uh the spacecraft launch with their

786
00:38:51,829 --> 00:38:49,599
emblem on board the spacecraft

787
00:38:54,150 --> 00:38:51,839
in our city they are developing a launch

788
00:38:55,990 --> 00:38:54,160

vehicle

789

00:38:58,390 --> 00:38:56,000

where

790

00:38:59,270 --> 00:38:58,400

orbital launches happen

791

00:39:01,670 --> 00:38:59,280

and

792

00:39:04,630 --> 00:39:01,680

we have met many children they are

793

00:39:07,109 --> 00:39:04,640

always excited about new launches and if

794

00:39:09,670 --> 00:39:07,119

you have any wishes to people who are

795

00:39:15,270 --> 00:39:09,680

creators of this technology uh we'll

796

00:39:20,150 --> 00:39:17,670

do not separate themselves from

797

00:39:22,950 --> 00:39:20,160

thousands of people who

798

00:39:25,990 --> 00:39:22,960

are involved on tens and dozens of

799

00:39:27,990 --> 00:39:26,000

enterprises here at baikonur and

800

00:39:31,670 --> 00:39:28,000

in the rest of russia we're a portion of

801
00:39:34,550 --> 00:39:31,680
a huge collective huge corporation

802
00:39:36,950 --> 00:39:34,560
and by all means the space flight is not

803
00:39:38,790 --> 00:39:36,960
possible without the efforts of

804
00:39:41,670 --> 00:39:38,800
thousands and thousands of people

805
00:39:44,390 --> 00:39:41,680
without their contribution and therefore

806
00:39:47,030 --> 00:39:44,400
our crew is very well aware of a huge

807
00:39:48,950 --> 00:39:47,040
responsibility that we bear

808
00:39:51,270 --> 00:39:48,960
for a successful

809
00:39:53,990 --> 00:39:51,280
flight and successful completion of all

810
00:39:57,430 --> 00:39:54,000
the goals that are

811
00:39:59,670 --> 00:39:57,440
involved in this flight and we feel our

812
00:40:04,150 --> 00:39:59,680
connection with all the people that are

813
00:40:08,950 --> 00:40:04,160

involved in uh supporting our launch

814

00:40:12,710 --> 00:40:10,550

we know that cosmonauts are very

815

00:40:15,589 --> 00:40:12,720

versatile people it's hard to imagine

816

00:40:18,230 --> 00:40:15,599

somebody other than cosmonaut who would

817

00:40:21,270 --> 00:40:18,240

be such a versatile person let's say

818

00:40:23,910 --> 00:40:21,280

dmitry he is he's into sports he plays

819

00:40:25,750 --> 00:40:23,920

the flute and we know that you're going

820

00:40:28,309 --> 00:40:25,760

to take your flute along with you on

821

00:40:35,510 --> 00:40:28,319

orbit maybe you can demonstrate it to us

822

00:40:40,710 --> 00:40:38,309

i think everybody's going to be happy

823

00:40:41,750 --> 00:40:40,720

yeah it's in the red okay yeah

824

00:40:47,910 --> 00:40:41,760

so

825

00:40:52,470 --> 00:40:50,309

we're going to be living in space

826
00:40:54,309 --> 00:40:52,480
and living as people

827
00:40:59,910 --> 00:40:54,319
involves you know bringing your whole or

828
00:40:59,920 --> 00:41:04,470
you see of course

829
00:41:07,430 --> 00:41:06,150
living up in space means that you bring

830
00:41:09,589 --> 00:41:07,440
your whole person you bring your

831
00:41:13,270 --> 00:41:09,599
interests you bring the things that you

832
00:41:14,710 --> 00:41:13,280
love to do and you bring um i think we

833
00:41:15,910 --> 00:41:14,720
need to be able to do things in our

834
00:41:18,309 --> 00:41:15,920
spare time

835
00:41:22,870 --> 00:41:18,319
every minute of the work day is spent

836
00:41:25,349 --> 00:41:22,880
doing experiments maintaining equipment

837
00:41:27,430 --> 00:41:25,359
installing new capabilities in the space

838
00:41:28,630 --> 00:41:27,440

station it's very busy and it's very

839

00:41:30,790 --> 00:41:28,640

hard work

840

00:41:32,630 --> 00:41:30,800

and i think to be healthy and come back

841

00:41:34,710 --> 00:41:32,640

and work hard the next day you need to

842

00:41:36,870 --> 00:41:34,720

be able to relax a little bit

843

00:41:39,030 --> 00:41:36,880

me i love to play the flute and one of

844

00:41:42,870 --> 00:41:39,040

the things i love about it during our

845

00:41:44,950 --> 00:41:42,880

training in russia in japan in europe

846

00:41:48,950 --> 00:41:44,960

and in the united states is that i i

847

00:41:50,630 --> 00:41:48,960

bring my flute and i think uh we we we

848

00:41:52,710 --> 00:41:50,640

work better together during the day

849

00:41:55,109 --> 00:41:52,720

because we do things like this at night

850

00:41:57,510 --> 00:41:55,119

together so i'm going to play a song

851
00:42:00,870 --> 00:41:57,520
called the hallelujah i think it's words

852
00:42:11,510 --> 00:42:00,880
that uh all of us know in many cultures

853
00:42:11,520 --> 00:42:28,550
foreign

854
00:42:28,560 --> 00:42:38,309
throw

855
00:42:38,319 --> 00:43:00,950
oh

856
00:43:04,790 --> 00:43:03,510
uh something or to say something then

857
00:43:07,270 --> 00:43:04,800
please

858
00:43:13,430 --> 00:43:07,280
i would like to say that i've already

859
00:43:19,190 --> 00:43:16,630
gratitude to those who participated

860
00:43:21,510 --> 00:43:19,200
in creation of space technology in

861
00:43:22,790 --> 00:43:21,520
development of experiments in crew

862
00:43:26,150 --> 00:43:22,800
training

863
00:43:29,510 --> 00:43:26,160

so to everyone who has contributed to

864

00:43:31,910 --> 00:43:29,520

this opportunity of tomorrow's flight

865

00:43:34,069 --> 00:43:31,920

thank you very much everyone

866

00:43:35,430 --> 00:43:34,079

thank you let's thank the crew let's

867

00:43:39,109 --> 00:43:35,440

wish them

868

00:43:55,750 --> 00:43:39,119

a good flight good work and soft landing