



1
00:00:04,710 --> 00:00:02,869
good afternoon

2
00:00:07,670 --> 00:00:04,720
the members of the state commission my

3
00:00:13,110 --> 00:00:07,680
colleagues ladies and gentlemen

4
00:00:17,349 --> 00:00:15,749
make a decision to confirm the prime and

5
00:00:19,830 --> 00:00:17,359
the backup crews

6
00:00:21,349 --> 00:00:19,840
for the transport piloted vehicle soyuz

7
00:00:23,670 --> 00:00:21,359
ms-03

8
00:00:25,589 --> 00:00:23,680
earlier the state commission considering

9
00:00:27,589 --> 00:00:25,599
the reports and technical condition of

10
00:00:29,269 --> 00:00:27,599
the iss and

11
00:00:31,669 --> 00:00:29,279
in preparation

12
00:00:33,190 --> 00:00:31,679
of the rocket and

13
00:00:36,069 --> 00:00:33,200

soyuz vehicle

14

00:00:39,590 --> 00:00:36,079
as well as all supporting services

15

00:00:41,110 --> 00:00:39,600
took the decision on the 16th

16

00:00:45,990 --> 00:00:41,120
in november

17

00:00:47,830 --> 00:00:46,000
to launch the soyuz to the iss

18

00:00:48,709 --> 00:00:47,840
yet another expedition

19

00:00:50,950 --> 00:00:48,719
and

20

00:00:54,150 --> 00:00:50,960
according to the timeline we have

21

00:00:56,470 --> 00:00:54,160
conducted complex and integrated uh

22

00:00:58,790 --> 00:00:56,480
testing at the integrating launch

23

00:01:01,750 --> 00:00:58,800
facility and the results of the tests

24

00:01:04,630 --> 00:01:01,760
have been successful and were within the

25

00:01:06,870 --> 00:01:04,640
time frame established time frame and

26

00:01:09,990 --> 00:01:06,880

let's consider let's proceed to the

27

00:01:14,070 --> 00:01:10,830

yuri

28

00:01:17,190 --> 00:01:14,080

valentinovich launcher cough

29

00:01:19,670 --> 00:01:17,200

head of the gcdc

30

00:01:22,469 --> 00:01:19,680

here is the floor to mr lunchakov and

31

00:01:25,429 --> 00:01:22,479

dear colleagues for

32

00:01:28,230 --> 00:01:25,439

expedition 5051 of to the international

33

00:01:29,270 --> 00:01:28,240

space station the following crew were

34

00:01:33,190 --> 00:01:29,280

trained

35

00:01:41,030 --> 00:01:37,830

commander for the soyuz and fe1 fv for

36

00:01:43,910 --> 00:01:41,040

the space station pescetama fe for the

37

00:01:46,710 --> 00:01:43,920

soyuz and the iss

38

00:01:47,830 --> 00:01:46,720

and peggy whitson effie for the soyuz

39

00:01:48,630 --> 00:01:47,840

and

40

00:02:04,069 --> 00:01:48,640

the

41

00:02:07,109 --> 00:02:04,079

soyuz paolin espalier fe1 and jack

42

00:02:09,430 --> 00:02:07,119

fisher fe1 they have successfully passed

43

00:02:11,510 --> 00:02:09,440

all tests and comprehensive testing

44

00:02:13,430 --> 00:02:11,520

according to the medical commission

45

00:02:14,790 --> 00:02:13,440

the crew members are considered to be

46

00:02:19,589 --> 00:02:14,800

healthy and

47

00:02:26,150 --> 00:02:23,510

meeting at the gcdc reviewed the results

48

00:02:28,070 --> 00:02:26,160

of the tests and the training for the

49

00:02:30,630 --> 00:02:28,080

crew members and came to the following

50

00:02:36,070 --> 00:02:30,640

conclusion uh the crew members of

51
00:02:38,790 --> 00:02:36,080
expedition 5051 for ms-03 soyuz vehicle

52
00:02:39,589 --> 00:02:38,800
are ready for the mission and

53
00:02:41,350 --> 00:02:39,599
the

54
00:02:44,710 --> 00:02:41,360
training program have been completed

55
00:02:47,750 --> 00:02:44,720
fully based on the aforementioned

56
00:02:57,830 --> 00:02:47,760
i would suggest we approve the prime

57
00:03:01,830 --> 00:03:00,550
the backup crew commander your chicken

58
00:03:03,750 --> 00:03:01,840
further

59
00:03:05,270 --> 00:03:03,760
jack fisher if you won and paul and

60
00:03:08,229 --> 00:03:05,280
especially fe2

61
00:03:10,229 --> 00:03:08,239
thank you for your attention

62
00:03:11,430 --> 00:03:10,239
here is a report of

63
00:03:15,750 --> 00:03:11,440

sergey

64

00:03:17,990 --> 00:03:15,760

ahead of the rocket launch complex

65

00:03:21,190 --> 00:03:18,000

good afternoon yesterday at the launch

66

00:03:22,790 --> 00:03:21,200

complex we completed all preparations

67

00:03:25,190 --> 00:03:22,800

for the first

68

00:03:29,110 --> 00:03:25,200

day we did not have any comm

69

00:03:32,149 --> 00:03:29,120

comments and the launch complex is ready

70

00:03:33,350 --> 00:03:32,159

for the soyuz ms-03

71

00:03:35,910 --> 00:03:33,360

support

72

00:03:37,750 --> 00:03:35,920

and this concludes my report thank you

73

00:03:39,670 --> 00:03:37,760

does anybody want to say

74

00:03:41,030 --> 00:03:39,680

anything today

75

00:03:43,030 --> 00:03:41,040

and

76

00:03:59,670 --> 00:03:43,040

i would like to

77

00:04:06,550 --> 00:04:03,589

on the readiness of the launch complex

78

00:04:09,429 --> 00:04:06,560

the state commission have decided

79

00:04:11,910 --> 00:04:09,439

first to approve the cruise

80

00:04:15,270 --> 00:04:11,920

for soyuz ms-03

81

00:04:18,710 --> 00:04:15,280

as prime crew commander navitsky olek

82

00:04:20,550 --> 00:04:18,720

victorovich ross cosmos

83

00:04:21,590 --> 00:04:20,560

flight engineer

84

00:04:22,550 --> 00:04:21,600

thomas

85

00:04:23,270 --> 00:04:22,560

isa

86

00:04:24,469 --> 00:04:23,280

and

87

00:04:41,350 --> 00:04:24,479

fe2

88

00:04:46,310 --> 00:04:44,150

second continue the preparation of the

89

00:04:49,990 --> 00:04:46,320

launch complex and

90

00:04:54,830 --> 00:04:50,000

fueling operations of the launch complex

91

00:04:58,870 --> 00:04:56,390

then

92

00:05:02,790 --> 00:04:58,880

the suggestion of the state commission

93

00:05:06,950 --> 00:05:04,870

and i would like to now give the floor

94

00:05:09,909 --> 00:05:06,960

to kirk sherman

95

00:05:12,550 --> 00:05:09,919

iss program manager congratulate uh

96

00:05:15,749 --> 00:05:12,560

fielder jack and paulo for completing

97

00:05:18,790 --> 00:05:15,759

your training um and i'd also like to uh

98

00:05:33,110 --> 00:05:18,800

to congratulate oleg peggy and tomah for

99

00:05:36,870 --> 00:05:34,950

it's a little unusual in the moderate in

100

00:05:38,950 --> 00:05:36,880

the recent age for you to be on orbit

101

00:05:40,390 --> 00:05:38,960

with your uh with your prime crew but i

102

00:05:41,909 --> 00:05:40,400

know you're looking forward to being up

103

00:05:43,830 --> 00:05:41,919

there and i can tell you we're very much

104

00:05:59,110 --> 00:05:43,840

looking forward to uh having you on

105

00:06:03,189 --> 00:06:00,710

it's very interesting that you'll be

106

00:06:05,590 --> 00:06:03,199

arriving to the iss on the 18th

107

00:06:08,790 --> 00:06:05,600

anniversary of the first launch of the

108

00:06:10,550 --> 00:06:08,800

iss so very very important anniversary

109

00:06:12,309 --> 00:06:10,560

and we'll look forward to you arriving

110

00:06:26,629 --> 00:06:12,319

uh arriving up there

111

00:06:30,230 --> 00:06:28,390

you'll be very very very very busy from

112

00:06:32,710 --> 00:06:30,240

the very beginning we have a cygnus

113

00:06:35,110 --> 00:06:32,720

unbirthing on the 21st so uh shortly

114

00:06:39,029 --> 00:06:35,120

after you arrive we have a progress and

115

00:06:40,469 --> 00:06:39,039

an htv two evas uh and that's just uh

116

00:06:42,469 --> 00:06:40,479

just the first couple of months while

117

00:06:55,589 --> 00:06:42,479

you're on orbit

118

00:07:00,550 --> 00:06:57,830

including a very uh a robust research

119

00:07:03,029 --> 00:07:00,560

program over 304 investigations in 89

120

00:07:05,909 --> 00:07:03,039

new investigations so we look forward to

121

00:07:07,749 --> 00:07:05,919

uh to your successful mission we hope

122

00:07:09,430 --> 00:07:07,759

you'll take some time and enjoy

123

00:07:11,749 --> 00:07:09,440

the unique view that you have on the

124

00:07:12,710 --> 00:07:11,759

earth on our beautiful planet and we

125

00:07:37,749 --> 00:07:12,720

wish you

126
00:07:42,390 --> 00:07:40,309
and now the floor goes to

127
00:07:43,510 --> 00:07:42,400
the head

128
00:07:46,790 --> 00:07:43,520
of the

129
00:07:49,589 --> 00:07:46,800
easter thank you mr chairman

130
00:07:51,270 --> 00:07:49,599
isa program management barty bernando

131
00:07:53,830 --> 00:07:51,280
good afternoon

132
00:07:55,110 --> 00:07:53,840
i would like first to congratulate our

133
00:07:56,710 --> 00:07:55,120
russian colleague

134
00:08:06,469 --> 00:07:56,720
for the preparation

135
00:08:09,510 --> 00:08:07,430
in the same way i would like to

136
00:08:11,909 --> 00:08:09,520
congratulate our

137
00:08:21,350 --> 00:08:11,919
naza colleagues for the readiness of the

138
00:08:26,390 --> 00:08:23,749

on our side we are happy to report that

139

00:08:34,949 --> 00:08:26,400

the european infrastructure is ready to

140

00:08:53,030 --> 00:08:36,709

i would like also to congratulate the

141

00:08:58,550 --> 00:08:55,269

last but not at least

142

00:09:00,949 --> 00:08:58,560

peggy oleg and thomas congratulations

143

00:09:03,750 --> 00:09:00,959

for your readiness for flight

144

00:09:05,269 --> 00:09:03,760

and uh thomas we are

145

00:09:06,710 --> 00:09:05,279

behind thomas actually sorry my

146

00:09:08,630 --> 00:09:06,720

apologies for that

147

00:09:10,630 --> 00:09:08,640

we are behind you

148

00:09:12,230 --> 00:09:10,640

you have an ambitious science program

149

00:09:14,550 --> 00:09:12,240

that you will execute

150

00:09:17,190 --> 00:09:14,560

and uh we are all here to support you

151
00:09:19,829 --> 00:09:17,200
all the best for everyone and for a safe

152
00:09:47,910 --> 00:09:19,839
flight and a safe return

153
00:09:47,920 --> 00:10:00,949
goes to the

154
00:10:00,959 --> 00:10:08,069
i would like to wish you

155
00:10:13,509 --> 00:10:10,470
that is a very distinguished role

156
00:10:15,829 --> 00:10:13,519
to complete the year that marks the 55th

157
00:10:16,829 --> 00:10:15,839
year anniversary of the

158
00:10:20,949 --> 00:10:16,839
mission of

159
00:10:23,269 --> 00:10:20,959
gagarin and wish you successful

160
00:10:25,430 --> 00:10:23,279
operations as uh it has already been

161
00:10:26,389 --> 00:10:25,440
mentioned the science program is going

162
00:10:28,150 --> 00:10:26,399
to be

163
00:10:30,470 --> 00:10:28,160

very intense

164

00:10:31,910 --> 00:10:30,480

yeah but i'm sure you will complete it

165

00:10:33,590 --> 00:10:31,920

successfully because you are well

166

00:10:35,590 --> 00:10:33,600

trained and we will be

167

00:10:37,990 --> 00:10:35,600

awaiting you on the ground

168

00:10:39,590 --> 00:10:38,000

for the backup crew

169

00:10:43,110 --> 00:10:39,600

you will

170

00:10:45,829 --> 00:10:43,120

start a new year it's going to be a 60th

171

00:10:48,470 --> 00:10:45,839

anniversary of the launch of the first

172

00:10:49,430 --> 00:10:48,480

satellite

173

00:10:52,310 --> 00:10:49,440

and

174

00:10:55,670 --> 00:10:52,320

that's how you will start

175

00:11:01,910 --> 00:10:56,949

and

176

00:11:03,509 --> 00:11:01,920

wish everybody

177

00:11:08,230 --> 00:11:03,519

good luck

178

00:11:12,550 --> 00:11:09,670

head of

179

00:11:14,470 --> 00:11:12,560

the city of waikiki

180

00:11:15,990 --> 00:11:14,480

dear cosmonauts and guests of the

181

00:11:17,829 --> 00:11:16,000

baikonur

182

00:11:20,150 --> 00:11:17,839

launch complex from the name of all

183

00:11:22,150 --> 00:11:20,160

baikonur residents i would like to

184

00:11:26,230 --> 00:11:22,160

congratulate

185

00:11:29,350 --> 00:11:26,240

the prime crew oleg peggy and toma

186

00:11:31,030 --> 00:11:29,360

with their expedition to the iss

187

00:11:32,470 --> 00:11:31,040

i am delighted

188

00:11:37,750 --> 00:11:32,480

to

189

00:11:41,110 --> 00:11:37,760

crew member peggy whitson for whom is

190

00:11:45,350 --> 00:11:41,120

going to be a third mission to the iss

191

00:11:49,030 --> 00:11:45,360

peggy has spent 377 days in orbit which

192

00:11:52,949 --> 00:11:49,040

is a record for female crew members

193

00:11:54,629 --> 00:11:52,959

moreover peggy whitson has performed six

194

00:11:56,710 --> 00:11:54,639

space walks

195

00:11:59,269 --> 00:11:56,720

so dear peggy

196

00:12:02,949 --> 00:11:59,279

you're such a brave woman who has won

197

00:12:04,389 --> 00:12:02,959

over hearts of all baikonur residents

198

00:12:07,430 --> 00:12:04,399

i admire you

199

00:12:11,670 --> 00:12:08,870

i hope

200

00:12:14,790 --> 00:12:11,680

you will get to the iss safe

201

00:12:17,190 --> 00:12:14,800

and good luck on orbit all

202

00:12:19,670 --> 00:12:17,200

systems at the launch

203

00:12:32,069 --> 00:12:19,680

complex are ready

204

00:12:37,670 --> 00:12:35,110

who is going to be going to his first

205

00:12:40,310 --> 00:12:37,680

expedition to the iss i wanted to gift

206

00:12:43,269 --> 00:12:40,320

you a sign of the

207

00:12:45,910 --> 00:12:43,279

baikonur cosmodrome and it's going to be

208

00:12:49,110 --> 00:12:45,920

your token that you can carry

209

00:13:00,550 --> 00:12:49,120

on board with you for good luck

210

00:13:04,629 --> 00:13:02,550

please allow me from the name of the

211

00:13:08,150 --> 00:13:04,639

general medical commission

212

00:13:12,550 --> 00:13:10,710

those who worked to get ready you for

213

00:13:15,110 --> 00:13:12,560

the expedition i wish you

214

00:13:18,069 --> 00:13:16,629

let's hope that

215

00:13:21,590 --> 00:13:18,079

there will be

216

00:13:23,350 --> 00:13:21,600

no very few of nominal situations and

217

00:13:25,509 --> 00:13:23,360

that you will be happy

218

00:13:27,430 --> 00:13:25,519

with the results of your work and we

219

00:13:29,269 --> 00:13:27,440

know that you're in great health and

220

00:13:30,710 --> 00:13:29,279

great condition to be successful in your

221

00:13:32,550 --> 00:13:30,720

mission and i wanted to draw your

222

00:13:37,190 --> 00:13:32,560

attention that

223

00:13:39,670 --> 00:13:37,200

test the youngest crew member from the

224

00:13:41,430 --> 00:13:39,680

european space agency

225

00:13:44,629 --> 00:13:41,440

and

226

00:13:47,189 --> 00:13:44,639

he has all horizons open to him oleg has

227

00:13:49,910 --> 00:13:47,199

already proven himself and we have no

228

00:13:52,949 --> 00:13:49,920

doubts about uh peggy

229

00:13:53,990 --> 00:13:52,959

i wanted to draw your attention

230

00:13:56,470 --> 00:13:54,000

please

231

00:13:59,269 --> 00:13:56,480

look at the emblem that they have chosen

232

00:14:00,310 --> 00:13:59,279

for the expedition peggy is an eagle

233

00:14:11,509 --> 00:14:00,320

oleg

234

00:14:16,870 --> 00:14:14,230

we hope that this expedition this

235

00:14:19,509 --> 00:14:16,880

mission to the iss is going to become

236

00:14:22,069 --> 00:14:19,519

successful peggy whitson is the most

237

00:14:25,110 --> 00:14:22,079

outstanding female crew member

238

00:14:27,509 --> 00:14:25,120

and federer why are you so sad you know

239

00:14:30,230 --> 00:14:27,519

your goal you

240

00:14:34,069 --> 00:14:30,240

have completed your goals and tasks

241

00:14:39,030 --> 00:14:37,430

a moral support to the prime crew and

242

00:14:42,230 --> 00:14:39,040

we're sure

243

00:14:44,629 --> 00:14:42,240

you will be successful as well

244

00:14:49,509 --> 00:14:44,639

and now we would like to give the floor

245

00:14:52,710 --> 00:14:49,519

to the commander of the soyuz ms-03 to

246

00:14:54,230 --> 00:14:52,720

oleg novitskiy my dear colleagues my

247

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

dear friends first of all i would like

248

00:14:59,030 --> 00:14:56,399

to say thank you to all of you

249

00:15:01,829 --> 00:14:59,040

for making this decision to approve us

250

00:15:03,430 --> 00:15:01,839

for the expedition to all those who

251
00:15:04,870 --> 00:15:03,440
worked on

252
00:15:06,790 --> 00:15:04,880
the creation

253
00:15:07,829 --> 00:15:06,800
of the who

254
00:15:10,829 --> 00:15:07,839
built

255
00:15:15,269 --> 00:15:10,839
the soyuz vehicle and supported

256
00:15:16,069 --> 00:15:15,279
it and we know that our science program

257
00:15:17,269 --> 00:15:16,079
is

258
00:15:19,269 --> 00:15:17,279
vast

259
00:15:21,829 --> 00:15:19,279
and we would like to say that we as the

260
00:15:23,509 --> 00:15:21,839
crew are ready to

261
00:15:25,269 --> 00:15:23,519
accomplish

262
00:15:26,389 --> 00:15:25,279
all goals

263
00:15:28,710 --> 00:15:26,399

and tasks

264

00:15:31,030 --> 00:15:28,720

before us and we would like to

265

00:15:32,870 --> 00:15:31,040

thank everyone who

266

00:15:33,910 --> 00:15:32,880

made the decision to put this crew

267

00:15:36,550 --> 00:15:33,920

together

268

00:15:39,509 --> 00:15:36,560

and now the floor goes to my pesky

269

00:15:43,749 --> 00:15:41,509

members of the state commission

270

00:15:46,389 --> 00:15:43,759

first of all i would like to thank

271

00:15:49,670 --> 00:15:46,399

everybody who took part in the training

272

00:15:51,110 --> 00:15:49,680

of our crew to for this expedition all

273

00:15:58,870 --> 00:15:51,120

specialists

274

00:16:02,870 --> 00:16:00,550

and we would like to

275

00:16:03,990 --> 00:16:02,880

thank members of the backup crew for

276

00:16:07,430 --> 00:16:04,000

their

277

00:16:14,550 --> 00:16:11,509

during the these last days before launch

278

00:16:17,030 --> 00:16:14,560

i am flight engineer for this expedition

279

00:16:19,030 --> 00:16:17,040

and i am ready for the mission

280

00:16:24,389 --> 00:16:19,040

and now i would like to

281

00:16:29,430 --> 00:16:26,310

i know that we are a great example of

282

00:16:31,590 --> 00:16:29,440

international cooperation

283

00:16:33,189 --> 00:16:31,600

and i think

284

00:16:35,030 --> 00:16:33,199

that

285

00:16:37,749 --> 00:16:35,040

this is the strongest

286

00:16:39,910 --> 00:16:37,759

most beautiful corporation that we can

287

00:16:41,670 --> 00:16:39,920

think of in this world

288

00:16:43,670 --> 00:16:41,680

we know that a lot of people speak

289

00:16:46,629 --> 00:16:43,680

foreign languages and live in different

290

00:16:50,550 --> 00:16:46,639

countries in foreign cultures

291

00:16:56,230 --> 00:16:53,110

we are all gathered here together to get

292

00:16:58,870 --> 00:16:56,240

to work for the benefit of one goal

293

00:17:02,230 --> 00:16:58,880

space exploration and of course we would

294

00:17:04,870 --> 00:17:02,240

like to thank everybody who

295

00:17:06,069 --> 00:17:04,880

has worked on this project

296

00:17:07,909 --> 00:17:06,079

and

297

00:17:09,909 --> 00:17:07,919

who is supporting international

298

00:17:11,189 --> 00:17:09,919

cooperation

299

00:17:13,189 --> 00:17:11,199

and of course

300

00:17:16,549 --> 00:17:13,199

we are ready for the mission

301
00:17:21,189 --> 00:17:16,559
thank you and now the floor goes to the

302
00:17:26,390 --> 00:17:23,270
thank you to all of you it's been a

303
00:17:29,270 --> 00:17:26,400
great honor for us to participate

304
00:17:32,470 --> 00:17:29,280
and to be the backup crew of such great

305
00:17:34,230 --> 00:17:32,480
prime crew guys good luck

306
00:17:36,870 --> 00:17:34,240
as for us

307
00:17:39,909 --> 00:17:36,880
we will complete our

308
00:17:41,990 --> 00:17:39,919
task here and on monday we will be ready

309
00:17:44,830 --> 00:17:42,000
to continue with our training for our

310
00:17:46,630 --> 00:17:44,840
mission and we will see you guys in

311
00:17:49,350 --> 00:17:46,640
orbit and

312
00:17:51,430 --> 00:17:49,360
i know that everything is going to be

313
00:17:53,750 --> 00:17:51,440

fine and now i would like to give the

314

00:17:55,270 --> 00:17:53,760

floor to jack fisher

315

00:17:56,390 --> 00:17:55,280

i just want to say

316

00:18:00,230 --> 00:17:56,400

thank you

317

00:18:03,909 --> 00:18:00,240

to the instructors to the training

318

00:18:12,310 --> 00:18:05,909

i just

319

00:18:14,950 --> 00:18:12,320

this russian word blogger it is not easy

320

00:18:16,710 --> 00:18:14,960

to say i wanted to say thank you to

321

00:18:19,909 --> 00:18:16,720

engineers

322

00:18:22,710 --> 00:18:19,919

to everybody who maintains

323

00:18:24,789 --> 00:18:22,720

who designed the soyuz and this

324

00:18:26,710 --> 00:18:24,799

beautiful rocket

325

00:18:29,350 --> 00:18:26,720

and i also wanted to say

326
00:18:31,669 --> 00:18:29,360
thank you

327
00:18:33,669 --> 00:18:31,679
all big bosses

328
00:18:34,470 --> 00:18:33,679
of the state commission

329
00:18:36,230 --> 00:18:34,480
who

330
00:18:39,590 --> 00:18:36,240
let us

331
00:18:47,190 --> 00:18:39,600
who let this great crew

332
00:18:51,110 --> 00:18:48,950
i just wanted to say thank you to

333
00:18:51,990 --> 00:18:51,120
everybody who supported us

334
00:18:58,630 --> 00:18:52,000
who

335
00:19:03,430 --> 00:19:01,750
i wish the prime crew successful mission

336
00:19:05,830 --> 00:19:03,440
and soft landing

337
00:19:10,150 --> 00:19:08,070
and to us as well and thank you thank

338
00:19:13,029 --> 00:19:10,160

you

339

00:19:15,029 --> 00:19:13,039

dear oleg victor rivich thomas peggy

340

00:19:17,029 --> 00:19:15,039

from the name of the state commission

341

00:19:19,590 --> 00:19:17,039

let me allow you to congratulate you to

342

00:19:22,669 --> 00:19:19,600

being appointed prime crew

343

00:19:25,750 --> 00:19:22,679

of the soyuz ms zero

344

00:19:28,150 --> 00:19:25,760

three to the international space station

345

00:19:30,470 --> 00:19:28,160

good evening i would like to greet you

346

00:19:36,310 --> 00:19:33,909

17 at baikonur as you know less than an

347

00:19:38,710 --> 00:19:36,320

hour ago and there has there was a

348

00:19:40,789 --> 00:19:38,720

meeting of the state commission

349

00:19:43,990 --> 00:19:40,799

and according to the results of the miss

350

00:19:46,710 --> 00:19:44,000

the state commission meeting the prime

351
00:19:50,150 --> 00:19:46,720
and the backup crews have been approved

352
00:19:51,350 --> 00:19:50,160
and appointed for soyuz ms-03

353
00:19:54,070 --> 00:19:51,360
prime crew

354
00:19:55,669 --> 00:19:54,080
commander of the soyuz vehicle hero of

355
00:20:01,590 --> 00:19:55,679
russia

356
00:20:04,310 --> 00:20:01,600
federation says three commander alec

357
00:20:17,990 --> 00:20:04,320
nowitzki ross cosmos russia board

358
00:20:18,000 --> 00:20:32,830
france

359
00:20:40,390 --> 00:20:38,470
is 51 increment peggy whitson nasa usa

360
00:20:41,990 --> 00:20:40,400
sastavi

361
00:20:46,070 --> 00:20:42,000
the backup crew

362
00:20:46,080 --> 00:20:50,149
we order your chicken

363
00:20:54,710 --> 00:20:52,470

as follows pilot cosmonaut hero of

364

00:20:56,870 --> 00:20:54,720

russian federation saw you say master

365

00:20:59,350 --> 00:20:56,880

three commander father earthquake and

366

00:21:12,710 --> 00:20:59,360

ross cosmos russia

367

00:21:12,720 --> 00:21:25,430

is

368

00:21:28,470 --> 00:21:27,190

congratulations to the prime and the

369

00:21:30,470 --> 00:21:28,480

backup crew

370

00:21:32,470 --> 00:21:30,480

and we are ready to start our pre-launch

371

00:21:34,950 --> 00:21:32,480

conference just

372

00:21:37,909 --> 00:21:34,960

wanted to remind you colleagues that at

373

00:21:39,270 --> 00:21:37,919

the time of the press conference is

374

00:21:42,149 --> 00:21:39,280

limited

375

00:21:44,789 --> 00:21:42,159

we appreciate that so many mass media

376

00:21:47,110 --> 00:21:44,799

representatives are interested

377

00:21:49,110 --> 00:21:47,120

in participants of the expedition so

378

00:21:50,789 --> 00:21:49,120

please limit yourself to just one

379

00:21:52,950 --> 00:21:50,799

question so

380

00:21:56,149 --> 00:21:52,960

roscosmos welcome to ask the first

381

00:22:00,310 --> 00:21:58,630

roscosmos tv asks their first questions

382

00:22:02,310 --> 00:22:00,320

hello

383

00:22:05,350 --> 00:22:02,320

the question is yes

384

00:22:07,190 --> 00:22:05,360

of a philosophical nature

385

00:22:11,029 --> 00:22:07,200

we have recently received some

386

00:22:13,830 --> 00:22:11,039

information that uh you that

387

00:22:16,149 --> 00:22:13,840

your expedition may be extended up to

388

00:22:17,750 --> 00:22:16,159

2018 so

389

00:22:20,390 --> 00:22:17,760

what does

390

00:22:26,470 --> 00:22:22,870

that iss is going to probably be in

391

00:22:29,110 --> 00:22:26,480

orbit till 2028 so what does iss mean to

392

00:22:32,470 --> 00:22:29,120

you oh that should you begin

393

00:22:34,390 --> 00:22:32,480

well it's a little bit a tricky question

394

00:22:37,029 --> 00:22:34,400

just push the question on me

395

00:22:47,830 --> 00:22:37,039

i guess i can say honestly

396

00:22:53,669 --> 00:22:49,909

it's the place where i work

397

00:22:57,750 --> 00:22:55,830

it friendships to great results when we

398

00:23:00,549 --> 00:22:57,760

are working together without any

399

00:23:01,669 --> 00:23:00,559

distractions like politics or anything

400

00:23:03,909 --> 00:23:01,679

like that

401
00:23:05,590 --> 00:23:03,919
we have a friendship we have our goals

402
00:23:07,750 --> 00:23:05,600
we have our tasks

403
00:23:09,510 --> 00:23:07,760
we have a place where we can be friends

404
00:23:12,789 --> 00:23:09,520
and work together

405
00:23:15,510 --> 00:23:12,799
i completely agree with oleg

406
00:23:18,549 --> 00:23:15,520
i think iss is the pinnacle of

407
00:23:22,390 --> 00:23:18,559
international cooperation

408
00:23:24,470 --> 00:23:22,400
and it is extremely important for us and

409
00:23:26,149 --> 00:23:24,480
i also

410
00:23:28,149 --> 00:23:26,159
wanted to draw your attention to the

411
00:23:29,909 --> 00:23:28,159
fact that we would love to continue our

412
00:23:31,270 --> 00:23:29,919
cooperation and friendship

413
00:23:32,950 --> 00:23:31,280

i should uh

414

00:23:40,630 --> 00:23:32,960

translate what he said because i agree

415

00:23:43,590 --> 00:23:42,470

he said that the most important thing

416

00:23:47,669 --> 00:23:43,600

about

417

00:23:50,710 --> 00:23:47,679

the station is our friendship uh and

418

00:23:51,669 --> 00:23:50,720

it's a place to work it's a place to

419

00:23:53,190 --> 00:23:51,679

live

420

00:23:54,390 --> 00:23:53,200

but the most important thing is our

421

00:24:02,070 --> 00:23:54,400

friendship

422

00:24:02,080 --> 00:24:07,669

is

423

00:24:11,990 --> 00:24:09,590

and i actually i completely agree with

424

00:24:15,669 --> 00:24:12,000

him i think uh it is a great place to

425

00:24:30,870 --> 00:24:15,679

work and live and uh i feel really lucky

426
00:24:33,669 --> 00:24:32,549
and i think probably the most important

427
00:24:37,909 --> 00:24:33,679
thing about

428
00:24:40,070 --> 00:24:37,919
the mks is it is a demonstration of of

429
00:25:00,549 --> 00:24:40,080
what people can do together

430
00:25:03,029 --> 00:25:01,669
consulted

431
00:25:04,870 --> 00:25:03,039
with each other

432
00:25:06,149 --> 00:25:04,880
and we decided that we will answer the

433
00:25:08,070 --> 00:25:06,159
question when we are sitting on the

434
00:25:10,630 --> 00:25:08,080
right side of the table

435
00:25:12,870 --> 00:25:10,640
thank you and let's proceed

436
00:25:15,350 --> 00:25:12,880
with the next question peggy

437
00:25:17,430 --> 00:25:15,360
peggy you're likely to surpass some

438
00:25:19,269 --> 00:25:17,440

significant milestones if not records

439

00:25:21,830 --> 00:25:19,279

during your upcoming mission you're also

440

00:25:24,470 --> 00:25:21,840

viewed by many as an iconic figure in

441

00:25:26,710 --> 00:25:24,480

human space flight what advice would you

442

00:25:29,110 --> 00:25:26,720

offer to youngsters young adults young

443

00:25:31,510 --> 00:25:29,120

women who would aspire to reach high in

444

00:25:32,710 --> 00:25:31,520

their lives and perhaps follow in your

445

00:25:34,230 --> 00:25:32,720

footsteps

446

00:25:35,669 --> 00:25:34,240

i think probably the most important

447

00:25:38,710 --> 00:25:35,679

thing is for

448

00:25:40,870 --> 00:25:38,720

young people to pursue their goals

449

00:25:42,149 --> 00:25:40,880

and their dreams

450

00:25:44,149 --> 00:25:42,159

you can run

451
00:25:45,750 --> 00:25:44,159
okay um

452
00:25:46,710 --> 00:25:45,760
in pursuing their goals and their dreams

453
00:25:49,350 --> 00:25:46,720
it

454
00:25:52,549 --> 00:25:49,360
we obviously at nasa want people to to

455
00:25:54,310 --> 00:25:52,559
reach harder higher goals for science

456
00:25:56,870 --> 00:25:54,320
math and technology which we think is

457
00:25:57,669 --> 00:25:56,880
very important to support not only nasa

458
00:26:01,110 --> 00:25:57,679
but

459
00:26:02,549 --> 00:26:01,120
our all our world our culture

460
00:26:05,990 --> 00:26:02,559
but i actually think it's actually

461
00:26:07,750 --> 00:26:06,000
really important to also prove to do try

462
00:26:10,070 --> 00:26:07,760
to do things more than you might even be

463
00:26:11,669 --> 00:26:10,080

feel comfortable doing to try and be

464

00:26:13,909 --> 00:26:11,679

just a little bit better than than you

465

00:26:15,430 --> 00:26:13,919

even think you might be and peggy just a

466

00:26:17,110 --> 00:26:15,440

quick follow-up

467

00:26:19,669 --> 00:26:17,120

you and your crewmates will arrive on

468

00:26:21,909 --> 00:26:19,679

the station sunday morning early on the

469

00:26:23,350 --> 00:26:21,919

18th anniversary of the first launch of

470

00:26:24,950 --> 00:26:23,360

the first element of the international

471

00:26:27,750 --> 00:26:24,960

space station

472

00:26:30,310 --> 00:26:27,760

now in the 50th expedition give us your

473

00:26:33,909 --> 00:26:30,320

thoughts on how far this project has

474

00:26:36,070 --> 00:26:33,919

come since those first fledgling modules

475

00:26:36,789 --> 00:26:36,080

i think it's actually quite miraculous

476

00:26:39,350 --> 00:26:36,799

that

477

00:26:41,430 --> 00:26:39,360

over the years of the construction of an

478

00:26:43,830 --> 00:26:41,440

international space station that was

479

00:26:45,909 --> 00:26:43,840

built the pieces were built all over the

480

00:26:49,110 --> 00:26:45,919

world and they were never put together

481

00:26:51,110 --> 00:26:49,120

until they were uh 250 miles above the

482

00:26:54,310 --> 00:26:51,120

earth and

483

00:26:56,549 --> 00:26:54,320

going 17 500 miles an hour and what is

484

00:26:58,070 --> 00:26:56,559

actually miraculous is that all the

485

00:27:00,070 --> 00:26:58,080

pieces fit together

486

00:27:02,630 --> 00:27:00,080

and all the software talks to each other

487

00:27:03,990 --> 00:27:02,640

all the data got gets transferred and it

488

00:27:06,070 --> 00:27:04,000

is to me

489

00:27:07,830 --> 00:27:06,080

a technical miracle that all of that

490

00:27:10,310 --> 00:27:07,840

worked

491

00:27:13,269 --> 00:27:10,320

a question for thomas pesquet from

492

00:27:15,190 --> 00:27:13,279

christine chapel tf1 french television

493

00:27:17,029 --> 00:27:15,200

many times you have said that you are

494

00:27:19,669 --> 00:27:17,039

not realizing

495

00:27:23,190 --> 00:27:19,679

that you were leaving to space now it's

496

00:27:24,389 --> 00:27:23,200

in one day do you realizing now and how

497

00:27:26,710 --> 00:27:24,399

do you feel

498

00:27:28,470 --> 00:27:26,720

um that's a good question i'm still not

499

00:27:30,630 --> 00:27:28,480

realizing um

500

00:27:32,230 --> 00:27:30,640

and trust me if you were in a window

501
00:27:34,470 --> 00:27:32,240
behind a window in front of so many

502
00:27:35,750 --> 00:27:34,480
people i would feel very bizarre to you

503
00:27:37,590 --> 00:27:35,760
too

504
00:27:39,430 --> 00:27:37,600
but yeah it looks like it's coming the

505
00:27:41,350 --> 00:27:39,440
rocket is ready everything's ready the

506
00:27:44,310 --> 00:27:41,360
crew is ready so there's still a few

507
00:27:46,230 --> 00:27:44,320
boxes to tick but very small ones until

508
00:27:47,909 --> 00:27:46,240
we take the very big one tomorrow

509
00:27:49,590 --> 00:27:47,919
evening i i don't think i'm still

510
00:27:51,190 --> 00:27:49,600
realizing i think

511
00:27:53,350 --> 00:27:51,200
it's going to take the

512
00:27:55,510 --> 00:27:53,360
the launch of the rocket and feeling the

513
00:27:57,510 --> 00:27:55,520

g's and getting to orbit for me to

514

00:27:59,510 --> 00:27:57,520

really realize that yes

515

00:28:42,630 --> 00:27:59,520

my dream has finally come true and uh

516

00:28:42,640 --> 00:28:55,669

foreign

517

00:29:03,190 --> 00:28:57,669

thank you for such a wonderful

518

00:29:08,870 --> 00:29:05,830

anna someone

519

00:29:10,789 --> 00:29:08,880

from eugene space center

520

00:29:22,149 --> 00:29:10,799

good afternoon my question is for oleg

521

00:29:27,750 --> 00:29:23,990

could you please tell us what crew

522

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

members do throughout those two days

523

00:29:33,669 --> 00:29:29,679

well i think for to answer this question

524

00:29:36,310 --> 00:29:33,679

we need to have our uh instructor here

525

00:29:38,310 --> 00:29:36,320

who could tell you in great detail

526

00:29:40,789 --> 00:29:38,320

what do we do

527

00:29:43,510 --> 00:29:40,799

this timeline is well known the crew

528

00:29:45,350 --> 00:29:43,520

members know what's going to happen at

529

00:29:52,549 --> 00:29:45,360

what stage of the flight what systems

530

00:29:52,559 --> 00:29:56,950

so

531

00:30:01,510 --> 00:29:58,310

um

532

00:30:03,029 --> 00:30:01,520

uh docking plan to today docking

533

00:30:06,070 --> 00:30:03,039

timeline

534

00:30:09,029 --> 00:30:06,080

um is well known but probably i should

535

00:30:12,389 --> 00:30:09,039

i will have to try a shorter one

536

00:30:17,830 --> 00:30:14,789

and we don't really have too much time i

537

00:30:22,070 --> 00:30:19,750

have we don't have much time so i would

538

00:30:24,870 --> 00:30:22,080

like to ask you about signs i would like

539

00:30:26,710 --> 00:30:24,880

to ask peggy whitson you know you are we

540

00:30:30,070 --> 00:30:26,720

know we are

541

00:30:33,029 --> 00:30:30,080

you're a biochemist so what goals are

542

00:30:34,389 --> 00:30:33,039

you pursuing during your research on iss

543

00:30:35,669 --> 00:30:34,399

and what i'm going to be bringing back

544

00:30:39,269 --> 00:30:35,679

to earth

545

00:30:41,430 --> 00:30:39,279

iss some of it will be with all

546

00:30:44,630 --> 00:30:41,440

all three crew members working together

547

00:30:47,029 --> 00:30:44,640

for instance doing a fluid shift study

548

00:30:48,789 --> 00:30:47,039

and i think one of the more interesting

549

00:30:50,789 --> 00:30:48,799

experiments for me because of my

550

00:30:52,470 --> 00:30:50,799

background is going to be looking at how

551
00:30:54,549 --> 00:30:52,480
stem cells grow

552
00:30:57,590 --> 00:30:54,559
and also potentially

553
00:31:00,310 --> 00:30:57,600
looking at how a bacteria called staph

554
00:31:02,549 --> 00:31:00,320
aureus grows and multiplies and how

555
00:31:05,269 --> 00:31:02,559
mutations occur and doing the genetic

556
00:31:07,830 --> 00:31:05,279
sequencing of those cells

557
00:31:09,350 --> 00:31:07,840
but we're doing a large variety of

558
00:31:14,310 --> 00:31:09,360
different scientific experiments

559
00:31:19,350 --> 00:31:16,789
animal biology

560
00:31:22,950 --> 00:31:19,360
plant biology so we're looking at a very

561
00:31:27,190 --> 00:31:24,710
and in continuation of the question

562
00:31:29,750 --> 00:31:27,200
regarding scientific experiments i

563
00:31:32,310 --> 00:31:29,760

wanted to ask oleg regarding the testing

564

00:31:33,990 --> 00:31:32,320

of the mss03

565

00:31:36,070 --> 00:31:34,000

soyuz

566

00:31:38,149 --> 00:31:36,080

so

567

00:31:39,110 --> 00:31:38,159

what can you say about the two-day and

568

00:31:40,710 --> 00:31:39,120

the

569

00:31:45,509 --> 00:31:40,720

shorter

570

00:31:49,509 --> 00:31:47,350

what can um tell us about it well can

571

00:31:51,909 --> 00:31:49,519

you repeat your question so what are you

572

00:31:55,190 --> 00:31:51,919

going to be testing on msu3 we're going

573

00:31:59,430 --> 00:31:55,200

to be uh testing to answer your question

574

00:32:01,750 --> 00:31:59,440

ms-03 thrusters and the telemetry

575

00:32:06,070 --> 00:32:01,760

between the vehicle and the ground and

576

00:32:11,269 --> 00:32:09,269

we decided to transition to the two-day

577

00:32:13,430 --> 00:32:11,279

docking plan because then we're going to

578

00:32:14,389 --> 00:32:13,440

have plenty of time to test all the

579

00:32:17,029 --> 00:32:14,399

systems

580

00:32:18,070 --> 00:32:17,039

and we will be eyes and ears

581

00:32:20,149 --> 00:32:18,080

of the

582

00:32:22,070 --> 00:32:20,159

specialists on the ground

583

00:32:25,430 --> 00:32:22,080

thank you

584

00:32:34,630 --> 00:32:27,830

please let's move on to some other

585

00:32:39,990 --> 00:32:38,230

representative of russia in kazakhstan

586

00:32:41,830 --> 00:32:40,000

first of all i would like to say thank

587

00:32:43,750 --> 00:32:41,840

you my dear friends i am honored to

588

00:32:47,190 --> 00:32:43,760

represent bella russia here in

589

00:32:50,070 --> 00:32:47,200

kazakhstan uh all the victoria novitskiy

590

00:32:52,870 --> 00:32:50,080

was born in biala russia

591

00:32:55,590 --> 00:32:52,880

and a couple of days ago he was

592

00:32:58,310 --> 00:32:55,600

presented with the banner of our

593

00:33:02,789 --> 00:33:00,549

in the in the

594

00:33:06,389 --> 00:33:02,799

russian embassy in moscow and i would

595

00:33:06,399 --> 00:33:09,509

read

596

00:33:13,830 --> 00:33:11,590

the formal address from our nation to

597

00:33:16,389 --> 00:33:13,840

oleg

598

00:33:18,070 --> 00:33:16,399

mr navitsky we would like to express our

599

00:33:19,750 --> 00:33:18,080

gratitude

600

00:33:22,950 --> 00:33:19,760

for not forgetting

601
00:33:24,630 --> 00:33:22,960
about your roots about bill russia even

602
00:33:26,470 --> 00:33:24,640
though you are

603
00:33:28,230 --> 00:33:26,480
very short in time due to the training

604
00:33:33,669 --> 00:33:28,240
and the preparation

605
00:33:39,430 --> 00:33:36,230
of having such a wonderful son of uh the

606
00:33:41,509 --> 00:33:39,440
belarusian people and what was she

607
00:33:43,029 --> 00:33:41,519
all the best

608
00:33:45,830 --> 00:33:43,039
we wish you

609
00:33:48,149 --> 00:33:45,840
successful mission and soft landing from

610
00:33:50,789 --> 00:33:48,159
the president of bella rusher alexander

611
00:33:53,350 --> 00:33:50,799
lukashenka thank you so much for such

612
00:33:55,430 --> 00:33:53,360
kind words it's a great great pleasure

613
00:33:59,029 --> 00:33:55,440

to me to hear these words

614

00:34:02,070 --> 00:33:59,039

that uh mr lukashenka found time and

615

00:34:03,269 --> 00:34:02,080

didn't forget about um

616

00:34:05,830 --> 00:34:03,279

his

617

00:34:08,470 --> 00:34:05,840

former country

618

00:34:09,990 --> 00:34:08,480

thank you so much it is it means a great

619

00:34:12,069 --> 00:34:10,000

deal to me

620

00:34:13,430 --> 00:34:12,079

thank you

621

00:34:15,349 --> 00:34:13,440

today

622

00:34:17,190 --> 00:34:15,359

next question please

623

00:34:19,030 --> 00:34:17,200

i have a question to oleg novitskiy

624

00:34:22,149 --> 00:34:19,040

could you please

625

00:34:26,470 --> 00:34:22,159

tell me why have you chosen the same

626
00:34:28,550 --> 00:34:26,480
call sign kazbek why is it so important

627
00:34:29,829 --> 00:34:28,560
for you well

628
00:34:33,109 --> 00:34:29,839
i don't

629
00:34:35,990 --> 00:34:33,119
like changed too much

630
00:34:37,750 --> 00:34:36,000
i have served in the caucuses for a very

631
00:34:39,589 --> 00:34:37,760
long time

632
00:34:41,669 --> 00:34:39,599
and casback

633
00:34:44,950 --> 00:34:41,679
it's a mountain it's the

634
00:34:46,470 --> 00:34:44,960
second tallest mountain in the caucasian

635
00:34:49,750 --> 00:34:46,480
range and

636
00:34:51,430 --> 00:34:49,760
i have so many friends left after my

637
00:34:52,869 --> 00:34:51,440
service days there

638
00:34:54,790 --> 00:34:52,879

so

639

00:34:57,670 --> 00:34:54,800

with all the good memories about my

640

00:35:00,470 --> 00:34:57,680

military service and the mountain range

641

00:35:02,870 --> 00:35:00,480

i would not want to change my call sign

642

00:35:05,349 --> 00:35:02,880

and the next question

643

00:35:08,069 --> 00:35:05,359

toma pesque you will go to the iss with

644

00:35:10,069 --> 00:35:08,079

a small piece of mars that the city gave

645

00:35:12,550 --> 00:35:10,079

you i would like to know what in your

646

00:35:13,430 --> 00:35:12,560

mission in the iss will be like mars

647

00:35:18,870 --> 00:35:13,440

will

648

00:35:21,510 --> 00:35:20,550

so this uh so this this smart stone

649

00:35:22,950 --> 00:35:21,520

actually i

650

00:35:26,150 --> 00:35:22,960

probably have to tell the story it was

651
00:35:28,230 --> 00:35:26,160
part of a meteorite that crashed uh on

652
00:35:30,230 --> 00:35:28,240
the earth and it came from mars it was

653
00:35:32,630 --> 00:35:30,240
detached from the mars surface it was

654
00:35:34,950 --> 00:35:32,640
picked up in the desert uh identified as

655
00:35:37,030 --> 00:35:34,960
such and now it's going back to space

656
00:35:38,790 --> 00:35:37,040
with me it's going to come back again

657
00:35:41,190 --> 00:35:38,800
and then the plan is is if we're

658
00:35:42,829 --> 00:35:41,200
successful to send it back to mars on

659
00:35:45,430 --> 00:35:42,839
the next generation rover as a

660
00:35:47,910 --> 00:35:45,440
calibration target for the instruments

661
00:35:49,910 --> 00:35:47,920
so actually when you think of it it's um

662
00:35:51,589 --> 00:35:49,920
it has already traveled from mars

663
00:35:53,430 --> 00:35:51,599

entered the earth's atmosphere it's

664

00:35:55,109 --> 00:35:53,440

going to leave the earth again come back

665

00:35:56,950 --> 00:35:55,119

again leave the earth one final time and

666

00:35:59,589 --> 00:35:56,960

go back to mars so it's going to be the

667

00:36:01,349 --> 00:35:59,599

most experienced space traveler there

668

00:36:02,950 --> 00:36:01,359

there is in the world much more than all

669

00:36:04,390 --> 00:36:02,960

the experience that's that's on this

670

00:36:08,310 --> 00:36:04,400

side of the glass and that's that's

671

00:36:11,030 --> 00:36:08,320

actually saying a lot um the idea is to

672

00:36:13,349 --> 00:36:11,040

to show that space exploration is just a

673

00:36:15,109 --> 00:36:13,359

whole we're just one we're not competing

674

00:36:17,510 --> 00:36:15,119

against robotic exploration we're all

675

00:36:19,430 --> 00:36:17,520

working together what we do on the iss

676

00:36:22,550 --> 00:36:19,440

is just one step on that road to

677

00:36:24,710 --> 00:36:22,560

exploration but we work hand in hand uh

678

00:36:27,990 --> 00:36:24,720

with other parts of of exploration

679

00:36:30,310 --> 00:36:28,000

robotics human uh close to earth further

680

00:36:32,630 --> 00:36:30,320

away from the earth um and that's what

681

00:36:36,069 --> 00:36:32,640

it means uh concretely we have we have a

682

00:36:38,069 --> 00:36:36,079

few experiments that look at how to keep

683

00:36:39,750 --> 00:36:38,079

men and women in space for longer

684

00:36:42,310 --> 00:36:39,760

periods of time and that's going to be

685

00:36:43,990 --> 00:36:42,320

what we need the day we we go to mars in

686

00:36:45,750 --> 00:36:44,000

in 15 20 years

687

00:36:47,510 --> 00:36:45,760

fluid shift that peggy mentioned is one

688

00:36:49,829 --> 00:36:47,520

is one of these big experiments that's

689

00:36:51,990 --> 00:36:49,839

enabling us uh to go to mars in the

690

00:36:53,670 --> 00:36:52,000

future um

691

00:36:56,950 --> 00:36:53,680

so

692

00:36:59,430 --> 00:36:56,960

devices that we're going to be testing

693

00:37:01,109 --> 00:36:59,440

on our flights are are more compact so

694

00:37:03,750 --> 00:37:01,119

that we can bring them on an exploration

695

00:37:05,349 --> 00:37:03,760

vehicle uh one day in the future so so

696

00:37:07,190 --> 00:37:05,359

that's what we do on the iss we're just

697

00:37:09,030 --> 00:37:07,200

one step on that road to exploration on

698

00:37:11,109 --> 00:37:09,040

the other hand we're also doing research

699

00:37:13,030 --> 00:37:11,119

uh for the earth

700

00:37:15,190 --> 00:37:13,040

but it's i think it's exciting for us to

701
00:37:16,150 --> 00:37:15,200
be part of this because we know we're

702
00:37:20,150 --> 00:37:16,160
just

703
00:37:22,870 --> 00:37:20,160
that exploration process but it's going

704
00:37:24,150 --> 00:37:22,880
to continue it's not um it's not us that

705
00:37:25,670 --> 00:37:24,160
are important it's the process the

706
00:37:27,030 --> 00:37:25,680
process has to continue it was there

707
00:37:28,710 --> 00:37:27,040
before we came around and it's going to

708
00:37:32,230 --> 00:37:28,720
continue after and that's what i'm

709
00:38:57,589 --> 00:37:32,240
trying to to show is that uh mars stone

710
00:39:01,190 --> 00:38:59,510
thank you please next question alice

711
00:39:03,750 --> 00:39:01,200
jones national geographic this is a

712
00:39:06,150 --> 00:39:03,760
question for peggy um how do you feel

713
00:39:08,069 --> 00:39:06,160

being this close to being back on the

714

00:39:09,510 --> 00:39:08,079

space station for the third time and

715

00:39:11,589 --> 00:39:09,520

having been there before what are you

716

00:39:13,190 --> 00:39:11,599

looking forward to the most and what

717

00:39:15,190 --> 00:39:13,200

will you miss the most about planet

718

00:39:17,430 --> 00:39:15,200

earth i think probably the thing i'm

719

00:39:19,670 --> 00:39:17,440

looking forward to the most is just

720

00:39:22,630 --> 00:39:19,680

knowing that every day all the work that

721

00:39:24,310 --> 00:39:22,640

we do is so satisfying and gratifying

722

00:39:26,550 --> 00:39:24,320

that we're contributing every day to the

723

00:39:28,870 --> 00:39:26,560

space flight space exploration

724

00:39:30,630 --> 00:39:28,880

even if it's testing various different

725

00:39:32,230 --> 00:39:30,640

systems or

726

00:39:34,390 --> 00:39:32,240

figuring out how to fix something that

727

00:39:36,390 --> 00:39:34,400

breaks all of that is contributing to

728

00:39:38,310 --> 00:39:36,400

the next level even if i'm just cleaning

729

00:39:41,030 --> 00:39:38,320

the vents

730

00:39:42,790 --> 00:39:41,040

in the fans it it all is important and

731

00:39:45,430 --> 00:39:42,800

all it's very satisfying so that's the

732

00:39:47,349 --> 00:39:45,440

thing i look forward to the most

733

00:39:49,510 --> 00:39:47,359

of course the cupola wasn't there the

734

00:39:51,430 --> 00:39:49,520

last time i was there so i'm especially

735

00:39:54,630 --> 00:39:51,440

looking forward to the view from the

736

00:39:56,470 --> 00:39:54,640

cupola i think that'll be very special

737

00:39:58,550 --> 00:39:56,480

and probably the things that i miss the

738

00:40:01,670 --> 00:39:58,560

most obviously you know friends and

739

00:40:04,069 --> 00:40:01,680

family i do miss them uh we have a great

740

00:40:07,670 --> 00:40:04,079

way to communicate with them uh via the

741

00:40:09,030 --> 00:40:07,680

ip phone and have family conferences etc

742

00:40:10,950 --> 00:40:09,040

so

743

00:40:12,870 --> 00:40:10,960

and we work with the team every day on

744

00:40:15,270 --> 00:40:12,880

the ground from all over the world and

745

00:40:18,470 --> 00:40:15,280

so i don't ever feel particularly

746

00:40:20,150 --> 00:40:18,480

um like i miss people i i feel like the

747

00:40:22,309 --> 00:40:20,160

team is there with us

748

00:40:24,550 --> 00:40:22,319

and so i don't miss people as much i

749

00:40:25,589 --> 00:40:24,560

think probably the thing that i find

750

00:40:28,069 --> 00:40:25,599

probably the

751
00:40:32,069 --> 00:40:28,079
most challenging about space flight is

752
00:40:37,109 --> 00:40:33,349
food

753
00:40:41,430 --> 00:40:39,190
and the next question please

754
00:40:43,670 --> 00:40:41,440
discovery channel and the question is to

755
00:40:45,430 --> 00:40:43,680
oleg this is going to be your second

756
00:40:46,550 --> 00:40:45,440
mission to the iss

757
00:40:48,069 --> 00:40:46,560
could you

758
00:40:50,230 --> 00:40:48,079
tell us

759
00:40:53,270 --> 00:40:50,240
what is the difference between these two

760
00:40:55,349 --> 00:40:53,280
expeditions that one that you have been

761
00:40:58,870 --> 00:40:55,359
to and one that

762
00:41:01,430 --> 00:40:58,880
you're going to well i think

763
00:41:04,230 --> 00:41:01,440

i would rather talk about that

764

00:41:07,109 --> 00:41:04,240

after the this upcoming expedition but

765

00:41:08,309 --> 00:41:07,119

it's going to be a new soyuz vehicle a

766

00:41:09,270 --> 00:41:08,319

new crew

767

00:41:11,990 --> 00:41:09,280

new

768

00:41:14,870 --> 00:41:12,000

research experiments

769

00:41:18,309 --> 00:41:14,880

and uh then at the same time

770

00:41:21,670 --> 00:41:18,319

i will be excited to see the earth from

771

00:41:23,510 --> 00:41:21,680

on board the iss and i will be happy to

772

00:41:25,589 --> 00:41:23,520

share this information and knowledge

773

00:41:27,750 --> 00:41:25,599

with the people on the ground

774

00:41:29,030 --> 00:41:27,760

thank you next question to further your

775

00:41:32,069 --> 00:41:29,040

chicken

776

00:41:34,309 --> 00:41:32,079

it's going to be your fifth um

777

00:41:37,829 --> 00:41:34,319

mission

778

00:41:40,630 --> 00:41:37,839

and uh could you tell us whether

779

00:41:43,910 --> 00:41:40,640

the iss has changed for you and how what

780

00:41:46,470 --> 00:41:43,920

does it feel like to be a backup crew

781

00:41:49,430 --> 00:41:46,480

so are you going to actually also paint

782

00:41:54,470 --> 00:41:49,440

your rocket in white as you planned well

783

00:41:58,390 --> 00:41:56,309

first of all

784

00:41:59,430 --> 00:41:58,400

being a backup crew that's a great

785

00:42:02,630 --> 00:41:59,440

feeling

786

00:42:05,109 --> 00:42:02,640

because they have hope

787

00:42:07,589 --> 00:42:05,119

there is light at the end of the road

788

00:42:09,670 --> 00:42:07,599

and the guys who are the prime crew

789

00:42:13,430 --> 00:42:09,680

they don't have any hope

790

00:42:15,109 --> 00:42:13,440

so all i can wish to them is a

791

00:42:17,109 --> 00:42:15,119

successful launch

792

00:42:21,109 --> 00:42:17,119

and

793

00:42:24,230 --> 00:42:21,119

each of them have a really precise watch

794

00:42:31,750 --> 00:42:25,190

each

795

00:42:35,670 --> 00:42:34,550

24 hours 29 minutes seven seconds till

796

00:42:36,950 --> 00:42:35,680

launch so

797

00:42:39,750 --> 00:42:36,960

these um

798

00:42:42,309 --> 00:42:39,760

watches show exactly so we don't have

799

00:42:44,790 --> 00:42:42,319

such watches as they do

800

00:42:46,230 --> 00:42:44,800

so the countdown for us is a little bit

801
00:42:50,069 --> 00:42:46,240
different

802
00:42:51,910 --> 00:42:50,079
uh we are a little bit uh saddened uh

803
00:42:53,190 --> 00:42:51,920
jack and i that

804
00:42:56,230 --> 00:42:53,200
um

805
00:42:59,430 --> 00:42:56,240
paulie is not joining us

806
00:43:02,069 --> 00:42:59,440
but to be honest being a backup crew

807
00:43:03,829 --> 00:43:02,079
is a good feeling

808
00:43:06,470 --> 00:43:03,839
and

809
00:43:08,870 --> 00:43:06,480
the prime crew has been in our seats a

810
00:43:10,630 --> 00:43:08,880
couple of months ago

811
00:43:12,950 --> 00:43:10,640
as for the

812
00:43:15,430 --> 00:43:12,960
feeling on both the iss and what i think

813
00:43:18,550 --> 00:43:15,440

about the iss

814

00:43:20,309 --> 00:43:18,560

many years ago i said that the iss is

815

00:43:24,950 --> 00:43:20,319

like a

816

00:43:27,750 --> 00:43:24,960

gets together with different experiences

817

00:43:30,710 --> 00:43:27,760

and then learn to work together

818

00:43:32,630 --> 00:43:30,720

it's a great example even now

819

00:43:35,190 --> 00:43:32,640

how people of different cultures

820

00:43:36,470 --> 00:43:35,200

different language backgrounds different

821

00:43:39,349 --> 00:43:36,480

traditions

822

00:43:41,430 --> 00:43:39,359

with many different characteristics work

823

00:43:44,550 --> 00:43:41,440

together successfully for the benefit

824

00:43:47,910 --> 00:43:44,560

one common goal space exploration

825

00:43:48,790 --> 00:43:47,920

program which is aiss

826
00:43:50,390 --> 00:43:48,800
and

827
00:43:52,710 --> 00:43:50,400
today

828
00:43:56,630 --> 00:43:52,720
i think

829
00:43:58,390 --> 00:43:56,640
i also feel that i am son

830
00:44:01,589 --> 00:43:58,400
to my parents

831
00:44:03,109 --> 00:44:01,599
uh and husband to my wife father to my

832
00:44:05,910 --> 00:44:03,119
children

833
00:44:07,349 --> 00:44:05,920
this is what is important to me

834
00:44:08,470 --> 00:44:07,359
and

835
00:44:11,349 --> 00:44:08,480
um

836
00:44:13,430 --> 00:44:11,359
today i hear so many words from the mass

837
00:44:14,390 --> 00:44:13,440
media about possible

838
00:44:18,870 --> 00:44:14,400

world

839

00:44:22,550 --> 00:44:18,880

but

840

00:44:25,270 --> 00:44:22,560

so to me the iss is this uh final

841

00:44:28,470 --> 00:44:25,280

example the best example how people can

842

00:44:29,670 --> 00:44:28,480

work together together despite

843

00:44:32,150 --> 00:44:29,680

everything

844

00:44:34,630 --> 00:44:32,160

look here are representatives of four

845

00:44:38,470 --> 00:44:34,640

countries and how many countries work on

846

00:44:40,710 --> 00:44:38,480

board the iss how many people

847

00:44:43,109 --> 00:44:40,720

all over the world support the

848

00:44:45,349 --> 00:44:43,119

international space station program we

849

00:44:47,750 --> 00:44:45,359

don't even know the exact number but we

850

00:44:50,309 --> 00:44:47,760

don't forget about them so today

851
00:44:52,630 --> 00:44:50,319
for me the main goal is to show to our

852
00:44:54,950 --> 00:44:52,640
politicians that

853
00:44:57,270 --> 00:44:54,960
relations can be

854
00:44:58,710 --> 00:44:57,280
different can

855
00:45:01,270 --> 00:44:58,720
can be different

856
00:45:01,990 --> 00:45:01,280
so what about the rocket

857
00:45:05,190 --> 00:45:02,000
well

858
00:45:06,550 --> 00:45:05,200
there are two experienced crew members

859
00:45:07,589 --> 00:45:06,560
so

860
00:45:09,990 --> 00:45:07,599
jack

861
00:45:12,150 --> 00:45:10,000
as the inexperienced crew member will be

862
00:45:15,510 --> 00:45:12,160
reporting on how he painted the rocket

863
00:45:18,870 --> 00:45:17,670

and he says that he has he painted the

864

00:45:20,630 --> 00:45:18,880

rocket

865

00:45:22,710 --> 00:45:20,640

last night

866

00:45:26,150 --> 00:45:22,720

all right next question please first

867

00:45:28,230 --> 00:45:26,160

channel we know that science research is

868

00:45:29,270 --> 00:45:28,240

very important but you will also have a

869

00:45:32,710 --> 00:45:29,280

few

870

00:45:35,030 --> 00:45:32,720

holidays during your

871

00:45:37,430 --> 00:45:35,040

uh expedition during your mission

872

00:45:39,670 --> 00:45:37,440

so oleg nikolai which

873

00:45:42,230 --> 00:45:39,680

uh it's going to be second time you're

874

00:45:45,270 --> 00:45:42,240

celebrating new year on board the iss so

875

00:45:49,430 --> 00:45:45,280

i'm going to taking to take any presents

876

00:45:50,630 --> 00:45:49,440

on board the isis any personal items

877

00:45:52,470 --> 00:45:50,640

thank you

878

00:45:54,390 --> 00:45:52,480

well of course all my personal items

879

00:45:55,990 --> 00:45:54,400

have already been weighed and are

880

00:45:58,230 --> 00:45:56,000

already loaded

881

00:46:00,309 --> 00:45:58,240

reviewed by the special commission

882

00:46:02,870 --> 00:46:00,319

some of the items that i wanted to bring

883

00:46:05,030 --> 00:46:02,880

on board were not

884

00:46:07,990 --> 00:46:05,040

deemed fit

885

00:46:09,910 --> 00:46:08,000

as for holidays there will be new year

886

00:46:12,309 --> 00:46:09,920

and christmas two

887

00:46:14,710 --> 00:46:12,319

birthdays on board the iss for my

888

00:46:17,349 --> 00:46:14,720

colleagues so i think we are ready for

889

00:46:20,309 --> 00:46:17,359

the celebrations and holidays

890

00:46:22,230 --> 00:46:20,319

and weekends together

891

00:46:24,790 --> 00:46:22,240

thank you next question please

892

00:46:27,030 --> 00:46:24,800

hello this is natalia estellma or ante

893

00:46:29,589 --> 00:46:27,040

bella russia and of course my question

894

00:46:32,710 --> 00:46:29,599

goes to oleg novitskiy i would like to

895

00:46:37,589 --> 00:46:34,870

what do you think about new orleans

896

00:46:39,109 --> 00:46:37,599

spacesuits and the updates introduced to

897

00:46:41,270 --> 00:46:39,119

them

898

00:46:43,510 --> 00:46:41,280

unfortunately your expedition does not

899

00:46:45,510 --> 00:46:43,520

presuppose

900

00:46:47,750 --> 00:46:45,520

using those uh

901
00:46:49,510 --> 00:46:47,760
spacesuits during the upcoming uh

902
00:46:51,430 --> 00:46:49,520
spacewalks

903
00:46:53,109 --> 00:46:51,440
well of course we would like to test it

904
00:46:56,230 --> 00:46:53,119
and first of all we would like to get it

905
00:47:00,150 --> 00:46:56,240
out of the progress vehicle

906
00:47:02,550 --> 00:47:00,160
it's going to be arriving soon after our

907
00:47:04,790 --> 00:47:02,560
docking to the iss and we have trained

908
00:47:08,069 --> 00:47:04,800
in those spaces unfortunately we do not

909
00:47:09,910 --> 00:47:08,079
have any tasks for space walks but we

910
00:47:10,790 --> 00:47:09,920
are ready for the operations and of

911
00:47:12,870 --> 00:47:10,800
course

912
00:47:17,109 --> 00:47:12,880
we are more than willing to perform a

913
00:47:21,990 --> 00:47:18,790

thank you

914

00:47:27,030 --> 00:47:25,510

colleagues no questions i had

915

00:47:36,950 --> 00:47:27,040

a serious question

916

00:47:40,309 --> 00:47:38,710

the crew members get ready for the

917

00:47:42,470 --> 00:47:40,319

expeditions

918

00:47:44,630 --> 00:47:42,480

a little bit differently

919

00:47:46,390 --> 00:47:44,640

we know that um

920

00:47:48,069 --> 00:47:46,400

food is prepared differently for crew

921

00:47:49,510 --> 00:47:48,079

members from different countries and we

922

00:47:52,069 --> 00:47:49,520

know that for them

923

00:47:54,390 --> 00:47:52,079

some of the dishes were prepared by

924

00:47:56,549 --> 00:47:54,400

michelin

925

00:47:58,470 --> 00:47:56,559

restaurant chefs

926
00:48:00,870 --> 00:47:58,480
is it true

927
00:48:03,190 --> 00:48:00,880
that is true

928
00:48:04,829 --> 00:48:03,200
but of course

929
00:48:09,750 --> 00:48:04,839
we will have

930
00:48:13,589 --> 00:48:10,630
and

931
00:48:16,069 --> 00:48:13,599
food prepared by chefs from a michelin

932
00:48:17,670 --> 00:48:16,079
star five-star restaurant but it is not

933
00:48:33,030 --> 00:48:17,680
only for me it's going to be for

934
00:48:37,190 --> 00:48:35,990
no actually for new year

935
00:48:39,910 --> 00:48:37,200
this is my

936
00:48:41,990 --> 00:48:39,920
main task and goal and peggy is going to

937
00:48:44,390 --> 00:48:42,000
be preparing christmas shane is going to

938
00:48:45,190 --> 00:48:44,400

be cooking for thanksgiving

939

00:48:47,510 --> 00:48:45,200

and

940

00:48:49,829 --> 00:48:47,520

oleg is going to be trying all of those

941

00:48:52,150 --> 00:48:49,839

dishes that's the plan so far and i

942

00:49:00,710 --> 00:48:52,160

think everything's going to work out

943

00:49:00,720 --> 00:49:26,790

special

944

00:49:48,309 --> 00:49:41,990

so

945

00:49:50,390 --> 00:49:48,319

final questions please television for

946

00:49:52,150 --> 00:49:50,400

jack fisher jack

947

00:49:53,990 --> 00:49:52,160

you and fyodor will launch next spring

948

00:49:56,390 --> 00:49:54,000

as a two-man crew

949

00:49:58,390 --> 00:49:56,400

how do you foresee any modifications in

950

00:50:00,390 --> 00:49:58,400

your training leading up to that

951
00:50:03,510 --> 00:50:00,400
and then once on orbit how will the

952
00:50:05,990 --> 00:50:03,520
workload be reallocated to accommodate a

953
00:50:07,349 --> 00:50:06,000
five-man a five-person crew

954
00:50:09,589 --> 00:50:07,359
well

955
00:50:13,190 --> 00:50:09,599
yeah poor friends whiskey

956
00:50:15,750 --> 00:50:13,200
so in french

957
00:50:18,870 --> 00:50:15,760
we train the majority of the training

958
00:50:21,750 --> 00:50:18,880
flow is the left seat and the commander

959
00:50:23,990 --> 00:50:21,760
together unfortunately we won't have

960
00:50:25,829 --> 00:50:24,000
paulo's really long arms to reach the

961
00:50:28,630 --> 00:50:25,839
valves that we can't get to so we'll

962
00:50:30,790 --> 00:50:28,640
have to figure out a way to reach those

963
00:50:33,109 --> 00:50:30,800

but for the most part the training won't

964

00:50:35,349 --> 00:50:33,119

change uh as far as when we're on

965

00:50:38,309 --> 00:50:35,359

station peg peggy already told us that

966

00:50:41,270 --> 00:50:38,319

we're just gonna have to work harder

967

00:50:44,150 --> 00:50:41,280

to account for five uh two months last

968

00:50:47,349 --> 00:50:44,160

year you were back up for andreas

969

00:50:49,510 --> 00:50:47,359

and andrea spent two days in the soyuz

970

00:50:52,470 --> 00:50:49,520

like you're gonna do and i remember you

971

00:50:55,349 --> 00:50:52,480

told me i hope i won't have to do that

972

00:50:57,109 --> 00:50:55,359

now you have to how are you gonna cope

973

00:50:58,790 --> 00:50:57,119

with this

974

00:51:01,190 --> 00:50:58,800

um so first of all i'm not in the in a

975

00:51:03,270 --> 00:51:01,200

position to choose so uh whatever

976

00:51:05,190 --> 00:51:03,280

whatever is in store for us we'll we'll

977

00:51:07,109 --> 00:51:05,200

take care of it and we'll deal with it

978

00:51:08,710 --> 00:51:07,119

um but yeah of course all the astronauts

979

00:51:10,470 --> 00:51:08,720

and the cosmonauts while the vast

980

00:51:13,109 --> 00:51:10,480

majority of them would like to get to

981

00:51:14,950 --> 00:51:13,119

station as fast as possible um and i

982

00:51:16,309 --> 00:51:14,960

remember andy actually before the flight

983

00:51:18,150 --> 00:51:16,319

he was not too worried about it but

984

00:51:20,549 --> 00:51:18,160

after the flight i called me from the

985

00:51:21,829 --> 00:51:20,559

iss because we're good friends and so i

986

00:51:24,309 --> 00:51:21,839

asked so how about the two days in the

987

00:51:27,910 --> 00:51:24,319

studios he said that's probably the the

988

00:51:30,150 --> 00:51:27,920

longest two days of my entire life um so

989

00:51:31,829 --> 00:51:30,160

to to get better because that's what we

990

00:51:35,190 --> 00:51:31,839

do in the space program i try to be

991

00:51:36,870 --> 00:51:35,200

prepared and in my um in my 1.5 kilos i

992

00:51:38,549 --> 00:51:36,880

have a deck of cards

993

00:51:40,390 --> 00:51:38,559

i have some dice

994

00:51:42,710 --> 00:51:40,400

and i've tried to learn a few good

995

00:51:44,549 --> 00:51:42,720

stories to entertain my crew

996

00:51:46,230 --> 00:51:44,559

in the downtown that we'll have but

997

00:51:47,990 --> 00:51:46,240

there's still plenty of plenty of work

998

00:51:50,069 --> 00:51:48,000

to do in the in those two days lots of

999

00:51:51,030 --> 00:51:50,079

maneuvers facing with the iss catching

1000

00:51:53,190 --> 00:51:51,040

up so

1001
00:51:55,829 --> 00:51:53,200
we'll be at the at the controls most of

1002
00:51:58,069 --> 00:51:55,839
the time uh at night when uh when some

1003
00:52:00,069 --> 00:51:58,079
of us can't uh can't really sleep or

1004
00:52:03,430 --> 00:52:00,079
something then i'll invite my my

1005
00:52:05,349 --> 00:52:03,440
colleagues to to play a few a few

1006
00:52:14,870 --> 00:52:05,359
games of cards french games of course i

1007
00:52:14,880 --> 00:53:11,829
possibilities

1008
00:53:16,790 --> 00:53:13,750
experiments in order to have a better

1009
00:53:18,710 --> 00:53:16,800
knowledge of long distance journey but

1010
00:53:21,349 --> 00:53:18,720
you yourself do you still

1011
00:53:23,910 --> 00:53:21,359
hope to be able one day to travel to the

1012
00:53:25,589 --> 00:53:23,920
moon or even to mars

1013
00:53:27,030 --> 00:53:25,599

of course i think i think we're all

1014

00:53:28,870 --> 00:53:27,040

explorers in

1015

00:53:30,710 --> 00:53:28,880

the astronaut in the cosmonaut core you

1016

00:53:32,470 --> 00:53:30,720

you don't get here if you want to if you

1017

00:53:34,870 --> 00:53:32,480

want a boring job you you get here

1018

00:53:37,030 --> 00:53:34,880

because you have the will uh to go

1019

00:53:39,510 --> 00:53:37,040

further today we go to the iss because

1020

00:53:42,309 --> 00:53:39,520

it's the farthest distance the smartest

1021

00:53:43,750 --> 00:53:42,319

object we could go to um if there's a

1022

00:53:45,030 --> 00:53:43,760

something further

1023

00:53:46,790 --> 00:53:45,040

all of the people on this side of the

1024

00:53:48,710 --> 00:53:46,800

glass will immediately raise their hand

1025

00:53:50,309 --> 00:53:48,720

and and volunteer to to go there because

1026
00:53:53,109 --> 00:53:50,319
that's why some people in the room are

1027
00:53:55,190 --> 00:53:53,119
already raising their hands um because

1028
00:53:58,150 --> 00:53:55,200
because that's what uh that's what we're

1029
00:53:59,750 --> 00:53:58,160
here for so um yeah i have the the i'm

1030
00:54:02,390 --> 00:53:59,760
lucky enough to be the youngest one not

1031
00:54:04,230 --> 00:54:02,400
not by much but still um i think we're

1032
00:54:05,990 --> 00:54:04,240
in a good shape now with the program

1033
00:54:08,950 --> 00:54:06,000
that we have in international

1034
00:54:10,630 --> 00:54:08,960
cooperation between esa nasa roscosmos

1035
00:54:12,230 --> 00:54:10,640
we have some goals that we've identified

1036
00:54:13,670 --> 00:54:12,240
we're working hard and when i say we

1037
00:54:15,190 --> 00:54:13,680
it's not only of course the astronaut

1038
00:54:18,390 --> 00:54:15,200

the cosmonauts but also all the people

1039

00:54:21,270 --> 00:54:18,400

on the ground um putting together uh the

1040

00:54:24,150 --> 00:54:21,280

work necessary to to to have the means

1041

00:54:27,030 --> 00:54:24,160

to go there so um so yeah of course and

1042

00:54:28,870 --> 00:54:27,040

uh today i'm fulfilling my dream uh but

1043

00:54:30,470 --> 00:54:28,880

i keep in the back of my mind that that

1044

00:54:32,309 --> 00:54:30,480

maybe someday i'll be an even bigger

1045

00:54:34,309 --> 00:54:32,319

dream i don't know i'll do whatever i

1046

00:54:36,630 --> 00:54:34,319

can to to make this happen and if it's

1047

00:54:38,630 --> 00:54:36,640

not me um it doesn't really matter what

1048

00:54:40,150 --> 00:54:38,640

what matters is that we go there and

1049

00:54:41,990 --> 00:54:40,160

that someone gets there maybe that

1050

00:54:43,750 --> 00:54:42,000

person is not born maybe that person is

1051
00:54:45,990 --> 00:54:43,760
younger maybe this person is older than

1052
00:54:48,069 --> 00:54:46,000
me um i don't know

1053
00:54:49,990 --> 00:54:48,079
what matters is we continue on that path

1054
00:54:52,150 --> 00:54:50,000
of exploration that that we've initiated

1055
00:54:53,430 --> 00:54:52,160
not so long ago for for a few dozen

1056
00:54:55,510 --> 00:54:53,440
years now

1057
00:54:56,950 --> 00:54:55,520
and that someday we see people walking

1058
00:54:59,430 --> 00:54:56,960
back on the moon we see people walking

1059
00:55:01,510 --> 00:54:59,440
back on mars and we go step by step

1060
00:55:03,829 --> 00:55:01,520
as far as we can into the solar system

1061
00:55:45,829 --> 00:55:03,839
to improve our knowledge

1062
00:55:45,839 --> 00:56:53,270
um

1063
00:56:55,829 --> 00:56:54,710

dear colleagues thank you for your

1064

00:56:59,270 --> 00:56:55,839

questions

1065

00:57:01,030 --> 00:56:59,280

dear cruz thank you for your

1066

00:57:15,430 --> 00:57:01,040

exhaustive question

1067

00:57:19,670 --> 00:57:17,910

thank you so much once again good luck

1068

00:57:21,270 --> 00:57:19,680

to the cruise

1069

00:57:22,789 --> 00:57:21,280

i would like to remind you that the

1070

00:57:24,789 --> 00:57:22,799

launch is

1071

00:57:29,910 --> 00:57:24,799

scheduled for the 17th of november

1072

00:57:32,069 --> 00:57:29,920

november at 23 20 moscow time

1073

00:57:34,230 --> 00:57:32,079

good afternoon dear friends

1074

00:57:37,670 --> 00:57:34,240

let me thank you

1075

00:57:38,870 --> 00:57:37,680

for finding time to be present here

1076

00:57:40,630 --> 00:57:38,880

and

1077

00:57:45,510 --> 00:57:40,640

to pray

1078

00:57:48,710 --> 00:57:47,109

for the crew members

1079

00:57:50,150 --> 00:57:48,720

and to thank them