



1
00:00:18,370 --> 00:00:09,830
state commission zero uh ladies and

2
00:00:28,670 --> 00:00:20,810
have confirmed the main of the backup

3
00:00:30,800 --> 00:00:28,680
crew of say use 25 and the management of

4
00:00:37,150 --> 00:00:30,810
the state space ages as well as the

5
00:00:41,209 --> 00:00:37,160
state commission discussed preparation

6
00:00:45,500 --> 00:00:41,219
training of the group processing of the

7
00:00:50,569 --> 00:00:45,510
voyage vehicle and they have made

8
00:00:53,150 --> 00:00:50,579
decision on launch of crew

9
00:00:59,180 --> 00:00:53,160
transportation vehicle with

10
00:01:01,549 --> 00:00:59,190
international crew of expedition 25 this

11
00:01:07,460 --> 00:01:01,559
vehicle which starts flight tests of

12
00:01:17,420 --> 00:01:07,470
crew transportation vehicle of the

13
00:01:22,219 --> 00:01:17,430

onward digital complex the the total

14

00:01:30,880 --> 00:01:22,229

duration of flight is 158 days large

15

00:01:33,170 --> 00:01:30,890

scope of work has been performed the

16

00:01:36,580 --> 00:01:33,180

extensive programme of scientific

17

00:01:41,450 --> 00:01:36,590

experiments isn't place

18

00:01:44,020 --> 00:01:41,460

yesterday in accordance with the final

19

00:01:47,830 --> 00:01:44,030

stage of preparation for the launch of

20

00:01:50,000 --> 00:01:47,840

the launch vehicle at the launch complex

21

00:01:54,190 --> 00:01:50,010

results were absolutely indeed full

22

00:01:58,300 --> 00:01:54,200

compliance with recommendation of

23

00:02:06,160 --> 00:01:58,310

integrated testing all activities were

24

00:02:14,530 --> 00:02:12,199

dear members of the state commission in

25

00:02:17,479 --> 00:02:14,540

order to perform space flights of

26

00:02:19,940 --> 00:02:17,489

expectations 25 and 26 International

27

00:02:23,600 --> 00:02:19,950

Space Station the following crew were

28

00:02:26,840 --> 00:02:23,610

prepared the main crew korea alexandria

29

00:02:29,510 --> 00:02:26,850

dish soyuz vehicle commander and flight

30

00:02:31,580 --> 00:02:29,520

engineer of the ISS cribbage karaoke

31

00:02:33,530 --> 00:02:31,590

vanillish flight engineer Avesta used

32

00:02:38,140 --> 00:02:33,540

vehicle flight engineer of the station

33

00:02:41,840 --> 00:02:38,150

in scott kelly flight engineer of the

34

00:02:45,440 --> 00:02:41,850

Soyuz vehicles and exploit engineer of

35

00:02:47,660 --> 00:02:45,450

expectations 25 and 26 backup crew

36

00:02:50,960 --> 00:02:47,670

Volkov Sergei Alexandrovich they used

37

00:02:57,440 --> 00:02:50,970

vehicle commander and put a flight

38

00:03:02,990 --> 00:02:57,450

engineer of the ISS Canaan jenka flight

39

00:03:07,420 --> 00:03:03,000

engineer of Soyuz end of the ISS Canaan

40

00:03:10,130 --> 00:03:07,430

yanka expedition 25 and 26 the program

41

00:03:11,960 --> 00:03:10,140

has been performed to the fullest scope

42

00:03:17,560 --> 00:03:11,970

all the cosmonauts have undergone all

43

00:03:20,870 --> 00:03:17,570

the tests exams the main the main

44

00:03:22,460 --> 00:03:20,880

medical Commission concluded that all

45

00:03:28,100 --> 00:03:22,470

the crew members are ready for

46

00:03:32,360 --> 00:03:28,110

spaceflight commission at the cosmonaut

47

00:03:35,810 --> 00:03:32,370

training center reviewed results of

48

00:03:39,860 --> 00:03:35,820

training of the performance of the

49

00:03:45,840 --> 00:03:43,320

certifies that the crew of expedition 25

50

00:03:48,390 --> 00:03:45,850

and 26 is ready to perform the flight

51
00:03:51,810 --> 00:03:48,400
program on crew transportation vehicle

52
00:03:56,070 --> 00:03:51,820
on the Russian segment the pre-launch

53
00:03:59,460 --> 00:03:56,080
processing at the launch complex is

54
00:04:01,740 --> 00:03:59,470
performed is completed and based on the

55
00:04:03,600 --> 00:04:01,750
above we are proposing the state

56
00:04:09,080 --> 00:04:03,610
commission is proposing to approve the

57
00:04:12,840 --> 00:04:09,090
main crew of six a used vehicle tma 01 m

58
00:04:15,330 --> 00:04:12,850
commander calorie flight engineer

59
00:04:20,880 --> 00:04:15,340
skripochka a given addition flight

60
00:04:24,750 --> 00:04:20,890
engineer and backup crew Volkov Sergei

61
00:04:27,360 --> 00:04:24,760
Alexandrovich flight engineer Canaan

62
00:04:34,560 --> 00:04:27,370
yanka alia petri dish and flight

63
00:04:40,260 --> 00:04:34,570

engineer Ron Garan in the Freeport thank

64

00:04:42,360 --> 00:04:40,270

you zero state commission members in

65

00:04:45,240 --> 00:04:42,370

order to perform spaceflight for

66

00:04:47,909 --> 00:04:45,250

expeditions 25 and 26 of the

67

00:04:50,820 --> 00:04:47,919

International Space Station the

68

00:04:53,600 --> 00:04:50,830

following crew were trained the main

69

00:04:57,870 --> 00:04:53,610

crew cali area alexandra you read ish

70

00:05:00,630 --> 00:04:57,880

soyuz vehicle commander and ISS flight

71

00:05:01,980 --> 00:05:00,640

engineer skripochka are you give an

72

00:05:04,620 --> 00:05:01,990

English luggage in Europe's a used

73

00:05:08,100 --> 00:05:04,630

vehicle in fact a junior alliances Scott

74

00:05:11,400 --> 00:05:08,110

Kelly flight engineer of Susa used

75

00:05:14,940 --> 00:05:11,410

vehicles expectations 25 and 26 flight

76

00:05:20,159 --> 00:05:14,950

engineer backup crew Volkov Sergei

77

00:05:22,650 --> 00:05:20,169

Alexandrovich vehicle commander and ISS

78

00:05:25,440 --> 00:05:22,660

flight engineer canyon canyon yanka

79

00:05:30,270 --> 00:05:25,450

flight engineer of the solution of the

80

00:05:34,580 --> 00:05:30,280

ISS and ron garan a flight engineer of

81

00:05:38,310 --> 00:05:34,590

two Soyuz vehicles and commander of

82

00:05:41,730 --> 00:05:38,320

expedition 25 and 28 istic the problem

83

00:05:43,590 --> 00:05:41,740

has been completed all the postman has a

84

00:05:46,890 --> 00:05:43,600

Nationals are healthy and they have

85

00:05:49,809 --> 00:05:46,900

passed all the tests

86

00:05:52,869 --> 00:05:49,819

you're well prepared and ready to go to

87

00:05:56,409 --> 00:05:52,879

what I consider one of the most historic

88

00:05:58,239 --> 00:05:56,419

set of increments to be concluded on the

89

00:06:02,939 --> 00:05:58,249

ISS and that is the last two shuttle

90

00:06:06,790 --> 00:06:02,949

with similar flights da guia Alec Scott

91

00:06:09,939 --> 00:06:06,800

Alexander yeah stashed away polish to

92

00:06:13,719 --> 00:06:09,949

get over provision us or polyester stud

93

00:06:15,670 --> 00:06:13,729

worst stage palliative let's vice nest I

94

00:06:18,670 --> 00:06:15,680

skin podamos demon evolved anniversary a

95

00:06:21,999 --> 00:06:18,680

little network president polluted wapa

96

00:06:24,490 --> 00:06:22,009

Sydney paliotta Cass muskoka Lesley

97

00:06:25,869 --> 00:06:24,500

Machado so given the significance of

98

00:06:28,450 --> 00:06:25,879

your expedition I think it's most

99

00:06:30,580 --> 00:06:28,460

appropriate that you are launching from

100

00:06:33,339 --> 00:06:30,590

the very pad where space flight began

101
00:06:36,640 --> 00:06:33,349
some 53 years ago we just celebrated the

102
00:06:39,969 --> 00:06:36,650
anniversary this Monday yes attached to

103
00:06:42,610 --> 00:06:39,979
relay Nev let's do chinese coast over

104
00:06:46,209 --> 00:06:42,620
suppose we'll press vision esta basado

105
00:06:48,219 --> 00:06:46,219
en esto estaba sola starta yeah DISA

106
00:06:50,709 --> 00:06:48,229
triggered on a total tomboy present

107
00:06:53,260 --> 00:06:50,719
pendiente pediatric golden Assad style

108
00:06:55,209 --> 00:06:53,270
sapiro esta aqui Zappos booty so good

109
00:06:57,760 --> 00:06:55,219
luck Godspeed it will talk to you when

110
00:07:01,920 --> 00:06:57,770
you get to orbit the gym is input of

111
00:07:09,490 --> 00:07:06,639
receiver thank you thank you i began

112
00:07:12,730 --> 00:07:09,500
some 53 years ago to celebrate Amber's

113
00:07:15,700 --> 00:07:12,740

leave this one day you should err store

114

00:07:17,930 --> 00:07:15,710

you bet you need that's a generous

115

00:07:24,700 --> 00:07:17,940

possible

116

00:07:31,010 --> 00:07:28,310

another stylist appears vegetables would

117

00:07:33,920 --> 00:07:31,020

be so good luck Godfrey it will touch

118

00:07:48,470 --> 00:07:33,930

upon the Gorgon attachments in booth of

119

00:07:50,390 --> 00:07:48,480

activity good as you as usual we have to

120

00:07:52,910 --> 00:07:50,400

state here I would like to say that the

121

00:07:55,640 --> 00:07:52,920

crew is ready for flight and I would

122

00:07:58,610 --> 00:07:55,650

like to thank everyone who has created

123

00:08:02,990 --> 00:07:58,620

this vehicle and who made sure that it's

124

00:08:06,890 --> 00:08:03,000

ready for flight we're going to do our

125

00:08:13,790 --> 00:08:06,900

best and fulfill your expectations and

126

00:08:17,180 --> 00:08:13,800

your trust thank you i would like to

127

00:08:21,380 --> 00:08:17,190

join my commander ii and say that the

128

00:08:24,830 --> 00:08:21,390

program is fulfilled and we're ready for

129

00:08:27,020 --> 00:08:24,840

flight and i want to thank all the

130

00:08:29,630 --> 00:08:27,030

specialists who participated in getting

131

00:08:33,560 --> 00:08:29,640

everything ready for us thank you I'm

132

00:08:37,610 --> 00:08:33,570

just as I silver yes I just want to say

133

00:08:42,589 --> 00:08:37,620

thank you to everyone here and also i

134

00:08:51,869 --> 00:08:49,259

but it is to compare two mysteries we

135

00:08:53,670 --> 00:08:51,879

believe that since we've been entrusted

136

00:09:05,069 --> 00:08:53,680

with the flight we're going to do our

137

00:09:16,610 --> 00:09:05,079

best we're very fortunate to have worked

138

00:09:28,110 --> 00:09:21,989

to be using a lot it was a great

139

00:09:33,809 --> 00:09:28,120

ordinary for me and I believe that it's

140

00:09:38,360 --> 00:09:33,819

the Sun it's and there could be no

141

00:09:45,389 --> 00:09:42,179

dear friends colleagues the state

142

00:09:47,999 --> 00:09:45,399

commission having heard the report of

143

00:09:52,530 --> 00:09:48,009

the scientific scientific interest at

144

00:09:58,710 --> 00:09:52,540

cosmonaut training center of mr. creakle

145

00:10:00,780 --> 00:09:58,720

off about the composition of the main

146

00:10:02,369 --> 00:10:00,790

and the backup crew of the Soyuz

147

00:10:05,910 --> 00:10:02,379

vehicles as well as the report of the

148

00:10:08,759 --> 00:10:05,920

president of the Academy and the

149

00:10:11,939 --> 00:10:08,769

technical lead of flight testing and

150

00:10:14,460 --> 00:10:11,949

technical complexes about the residence

151
00:10:17,460 --> 00:10:14,470
of the space rocket space complex for

152
00:10:22,860 --> 00:10:17,470
further operations to launch operations

153
00:10:28,829 --> 00:10:22,870
has decided to approved it so you see

154
00:10:31,230 --> 00:10:28,839
Amy M vehicle main crew Callie Alexandra

155
00:10:33,629 --> 00:10:31,240
you rivage flight engineers cribbage

156
00:10:38,119 --> 00:10:33,639
karaoke vanish flight engineer to

157
00:10:41,189 --> 00:10:38,129
kaylee's Scott Joseph backup crew

158
00:10:44,369 --> 00:10:41,199
commander Volkov Sergei Alexandrovich

159
00:10:49,110 --> 00:10:44,379
flight engineer an onion garlic British

160
00:10:51,500 --> 00:10:49,120
Leiter jr. Ron Ronald errand runner John

161
00:10:54,330 --> 00:10:51,510
Guerin and

162
00:11:00,120 --> 00:10:54,340
they will continue training at the space

163
00:11:08,610 --> 00:11:00,130

complex I have questions about integrity

164

00:11:11,850 --> 00:11:08,620

of equipment there was off logic done at

165

00:11:16,800 --> 00:11:11,860

the very vehicle in a non standard form

166

00:11:25,020 --> 00:11:16,810

and it has been discovered that the

167

00:11:29,610 --> 00:11:25,030

integrity is intact but the decision has

168

00:11:33,240 --> 00:11:29,620

been made to organize a commission

169

00:11:35,520 --> 00:11:33,250

committee and the committee is going to

170

00:11:41,610 --> 00:11:35,530

test thoroughly all the mechanical

171

00:11:45,390 --> 00:11:41,620

interface elements and to conduct

172

00:11:48,660 --> 00:11:45,400

fluency and december according to the

173

00:11:53,610 --> 00:11:48,670

schedule that has been established at

174

00:11:57,480 --> 00:11:53,620

least within the month of december a

175

00:12:00,300 --> 00:11:57,490

more accurate comment is not possible

176

00:12:05,670 --> 00:12:00,310

right now i would prefer not to give it

177

00:12:07,700 --> 00:12:05,680

but in october throughout the month of

178

00:12:10,110 --> 00:12:07,710

october we are going to get a good

179

00:12:12,930 --> 00:12:10,120

accurate understanding as to what the

180

00:12:17,460 --> 00:12:12,940

further course of actions is going to be

181

00:12:20,990 --> 00:12:17,470

but for today were certain that this

182

00:12:26,450 --> 00:12:21,000

flight but

183

00:12:33,080 --> 00:12:26,460

the exterior of the vehicle looks no

184

00:12:35,150 --> 00:12:33,090

middle but we have no right to take any

185

00:12:38,030 --> 00:12:35,160

chances that we have to conduct a

186

00:12:41,990 --> 00:12:38,040

thorough inspection and to report to

187

00:12:44,510 --> 00:12:42,000

this community afterwards and to collect

188

00:12:48,380 --> 00:12:44,520

the proposals of this commission and

189

00:12:50,180 --> 00:12:48,390

then make decisions accordingly the

190

00:12:56,180 --> 00:12:50,190

official meeting of the state commission

191

00:12:59,720 --> 00:12:56,190

is over thank you please allow me to

192

00:13:12,110 --> 00:12:59,730

adjourn the special meeting of the state

193

00:13:17,020 --> 00:13:12,120

condition Muslim mention let's get

194

00:13:20,630 --> 00:13:17,030

started good evening my blood greetings

195

00:13:24,470 --> 00:13:20,640

at the ground of the cosmonaut training

196

00:13:29,060 --> 00:13:24,480

center Baikonur cosmodrome one is nobody

197

00:13:31,940 --> 00:13:29,070

at 1710 local time launch has been

198

00:13:36,520 --> 00:13:31,950

planned transparent crew transportation

199

00:13:39,800 --> 00:13:36,530

vehicle soyuz tma okay i'm an hour ago

200

00:13:43,310 --> 00:13:39,810

the state committee commission has

201
00:13:47,050 --> 00:13:43,320
approved the main crew commander of

202
00:13:51,590 --> 00:13:47,060
soyuz tma Callie Rae Alexandra you wish

203
00:13:53,690 --> 00:13:51,600
flight engineer of sales tmam flight

204
00:13:55,970 --> 00:13:53,700
engineer of ISS cribbage kalyug

205
00:14:00,560 --> 00:13:55,980
Ivanovich mutiny of the one flight

206
00:14:04,910 --> 00:14:00,570
engineer to of tma Soyuz I assess the

207
00:14:08,750 --> 00:14:04,920
flight engineer soyuz tma 25 and 26

208
00:14:12,230 --> 00:14:08,760
scott kelly backup crew approved

209
00:14:14,240 --> 00:14:12,240
commander of TM am so used flight

210
00:14:17,090 --> 00:14:14,250
engineer of ISS Volkov sergei

211
00:14:21,200 --> 00:14:17,100
alexandrovich the pygoscelis be much

212
00:14:24,200 --> 00:14:21,210
obliged a junior of soyuz 11 and I sskin

213
00:14:28,390 --> 00:14:24,210

Anyanka elect miss relations I

214

00:14:33,470 --> 00:14:28,400

degenerate typic k so you see em a Soyuz

215

00:14:34,820 --> 00:14:33,480

2520 ISS 26 Ronald Guerin greet em casa

216

00:14:37,220 --> 00:14:34,830

del Valle Rosa prior

217

00:14:39,260 --> 00:14:37,230

to asking questions Yakut elaborate

218

00:14:42,920 --> 00:14:39,270

studies of the astronauts and cosmonauts

219

00:14:46,100 --> 00:14:42,930

i would like to present winners of the

220

00:14:48,920 --> 00:14:46,110

competition of child's drawing there are

221

00:14:51,200 --> 00:14:48,930

two winners today they have drawn an

222

00:14:56,600 --> 00:14:51,210

emblem for this particular crew and also

223

00:14:58,310 --> 00:14:56,610

for tma-22 say you screw it that one

224

00:15:00,470 --> 00:14:58,320

group traveled through the cosmos this

225

00:15:02,210 --> 00:15:00,480

competition is conducted by Rose cosmos

226

00:15:05,090 --> 00:15:02,220

and the winners are provided the

227

00:15:07,220 --> 00:15:05,100

opportunity to arrive at Baikonur to see

228

00:15:10,580 --> 00:15:07,230

the cosmonauts and astronauts and to

229

00:15:12,950 --> 00:15:10,590

watch the launch vehicle launch this is

230

00:15:16,820 --> 00:15:12,960

the winner who has drawn an emblem for

231

00:15:20,300 --> 00:15:16,830

the current crew Alexander two rows from

232

00:15:22,370 --> 00:15:20,310

me Chiefs insurance and marina can hang

233

00:15:28,150 --> 00:15:22,380

janka from snooze norsk they would like

234

00:15:36,050 --> 00:15:33,920

new yahoo i am wishing you luck the

235

00:15:39,980 --> 00:15:36,060

wheels Lucas so that everything goes

236

00:15:44,150 --> 00:15:39,990

well for you let's see what says Thank

237

00:15:46,430 --> 00:15:44,160

You Sasha yeah um she's soooo Belliard I

238

00:15:49,070 --> 00:15:46,440

am wishing you a happy flight but see

239

00:15:50,810 --> 00:15:49,080

Megan school thank you Mary Anushka the

240

00:15:56,300 --> 00:15:50,820

team with your new will do that we're

241

00:15:57,650 --> 00:15:56,310

going to fly and come back as possible

242

00:15:59,750 --> 00:15:57,660

the puzzle on it thank you for your

243

00:16:02,480 --> 00:15:59,760

wishes now everything will be alright

244

00:16:05,210 --> 00:16:02,490

that's for sure maybe Scott will say a

245

00:16:10,850 --> 00:16:05,220

couple of words Thank You Alexander and

246

00:16:14,090 --> 00:16:10,860

marina keepass but Lisa the crew is

247

00:16:17,270 --> 00:16:14,100

signing but I gracia pictures with their

248

00:16:19,460 --> 00:16:17,280

autographs for the for the children as

249

00:16:21,370 --> 00:16:19,470

soon as the children walk out we're

250

00:16:25,250 --> 00:16:21,380

going to convey the pictures to them

251
00:16:26,960 --> 00:16:25,260
ready better also with Lana through the

252
00:16:40,519 --> 00:16:26,970
kids would like to lean their hands

253
00:16:45,990 --> 00:16:43,680
what's my pika look I'm not silly

254
00:16:47,910 --> 00:16:46,000
manasula other she's been asking what is

255
00:17:04,490 --> 00:16:47,920
going to happen how are we going to do

256
00:17:15,809 --> 00:17:06,929
spicy your budget thank you so much

257
00:17:17,490 --> 00:17:15,819
let's let the guys go no it appeared the

258
00:17:27,659 --> 00:17:17,500
device in the past and now you may ask

259
00:17:32,100 --> 00:17:27,669
questions please Oh Santa from the BBC

260
00:17:34,640 --> 00:17:32,110
yo son BBC Lapras squatter Kelly I'm

261
00:17:37,260 --> 00:17:34,650
sorry oh sorry Scott volusia Gosnell

262
00:17:41,039 --> 00:17:37,270
literature a strong often getting into

263
00:17:43,020 --> 00:17:41,049

spaces with the Soyuz program no

264

00:17:45,210 --> 00:17:43,030

absolutely not I think we're very

265

00:17:48,150 --> 00:17:45,220

fortunate to have her yeah don't wait on

266

00:17:51,990 --> 00:17:48,160

Peggy slowness sesame rice ischemia

267

00:17:53,970 --> 00:17:52,000

partner I mean inertia banana Kentucky

268

00:17:56,760 --> 00:17:53,980

noodle is the president caserta

269

00:17:59,430 --> 00:17:56,770

submission signal partners SAT ruining

270

00:18:02,789 --> 00:17:59,440

shiva yes leave a height City Police

271

00:18:06,030 --> 00:18:02,799

Edna new school collezione rabito econ

272

00:18:08,900 --> 00:18:06,040

own economies k dismissal nest takaba

273

00:18:13,289 --> 00:18:08,910

autonomy accademia di questa turbo

274

00:18:15,870 --> 00:18:13,299

shot all pierced and eat lettuce once a

275

00:18:18,510 --> 00:18:15,880

possible periodicity what pros books go

276

00:18:21,480 --> 00:18:18,520

to pappadeaux that was too near the

277

00:18:24,450 --> 00:18:21,490

serum there was a question to Scott but

278

00:18:26,220 --> 00:18:24,460

he's not disappointed whether the space

279

00:18:28,640 --> 00:18:26,230

shuttle program is going to be over next

280

00:18:31,310 --> 00:18:28,650

year and he says no not at all I'm very

281

00:18:36,600 --> 00:18:31,320

happy that we have our Russian partners

282

00:18:40,260 --> 00:18:36,610

who allow us to who provide space

283

00:18:44,280 --> 00:18:40,270

transportation to the ISS thank you

284

00:18:46,320 --> 00:18:44,290

another question Rob Navy is with NASA

285

00:18:48,370 --> 00:18:46,330

television two questions for Scott first

286

00:18:50,840 --> 00:18:48,380

of all

287

00:18:53,630 --> 00:18:50,850

your thoughts as you prepare to become

288

00:18:56,090 --> 00:18:53,640

the first space shuttle commander to

289

00:18:58,190 --> 00:18:56,100

launch on a Soyuz vehicle and how

290

00:18:59,900 --> 00:18:58,200

complex will your five and a half months

291

00:19:01,970 --> 00:18:59,910

with you and your crewmates be aboard

292

00:19:04,160 --> 00:19:01,980

the station particularly after you

293

00:19:10,820 --> 00:19:04,170

become station commander on November

294

00:19:13,160 --> 00:19:10,830

30th prosecuted the question is first

295

00:19:15,470 --> 00:19:13,170

caught again good beer would come on

296

00:19:18,080 --> 00:19:15,480

dear Scott is the first space shuttle

297

00:19:21,200 --> 00:19:18,090

commander that is good who is going to

298

00:19:23,390 --> 00:19:21,210

fly on sir use and what are his

299

00:19:26,390 --> 00:19:23,400

expectations of being at the station and

300

00:19:28,850 --> 00:19:26,400

later on as a commander of the station I

301

00:19:32,000 --> 00:19:28,860

actually didn't realize that until very

302

00:19:34,490 --> 00:19:32,010

recently I knew I'd be the third space

303

00:19:38,840 --> 00:19:34,500

shuttle commander to command the

304

00:19:40,820 --> 00:19:38,850

International Space Station well so the

305

00:19:43,780 --> 00:19:40,830

response to the first question is prior

306

00:19:47,000 --> 00:19:43,790

to very recent time I couldn't even

307

00:19:50,330 --> 00:19:47,010

understand that I would be flying is the

308

00:19:53,410 --> 00:19:50,340

third commander of the space shuttle but

309

00:19:57,260 --> 00:19:53,420

now that I know that and you know i'll

310

00:19:59,120 --> 00:19:57,270

certainly I think I think regardless i

311

00:20:02,630 --> 00:19:59,130

would have been you know having somewhat

312

00:20:05,210 --> 00:20:02,640

of a test pilot mindset to the asset and

313

00:20:07,660 --> 00:20:05,220

trying to you know take in the whole

314

00:20:09,950 --> 00:20:07,670

experience from that perspective and

315

00:20:12,620 --> 00:20:09,960

maybe I'll do that even more so now that

316

00:20:14,420 --> 00:20:12,630

I know that that fact it's beautiful

317

00:20:19,130 --> 00:20:14,430

today is not the time right now since I

318

00:20:23,680 --> 00:20:19,140

know this facts yeah don't you

319

00:20:25,850 --> 00:20:23,690

any money I'm going to focus more on

320

00:20:27,830 --> 00:20:25,860

understanding how to be the commander of

321

00:20:30,950 --> 00:20:27,840

the station to the second part of the

322

00:20:37,310 --> 00:20:30,960

question is you know as we retire the

323

00:20:41,120 --> 00:20:37,320

Space Shuttle our increment is dedicated

324

00:20:45,050 --> 00:20:41,130

to preparing in some respect for the

325

00:20:49,820 --> 00:20:45,060

post shuttle error a Fiat natural choice

326

00:20:52,520 --> 00:20:49,830

for ahsoka cristinita shuttle no se que

327

00:20:55,370 --> 00:20:52,530

paso con CAC boy nando's impressed but

328

00:20:58,790 --> 00:20:55,380

got off good layer boost shuttle scary

329

00:21:02,060 --> 00:20:58,800

so we as a result we have many visiting

330

00:21:05,570 --> 00:21:02,070

vehicles to space shuttles progress

331

00:21:09,050 --> 00:21:05,580

vehicles so use a TV which is the

332

00:21:11,270 --> 00:21:09,060

European Space Agency resupply vehicle

333

00:21:14,350 --> 00:21:11,280

and an H TV which is the Japanese

334

00:21:17,510 --> 00:21:14,360

resupply vehicle is a city MO doesn't it

335

00:21:21,500 --> 00:21:17,520

natsuki part because of that we must

336

00:21:26,270 --> 00:21:21,510

greet many visiting vehicles besides the

337

00:21:29,780 --> 00:21:26,280

shuttle progress atv the european cargo

338

00:21:32,990 --> 00:21:29,790

vehicle and HTV vehicle aggressive and

339

00:21:38,510 --> 00:21:33,000

comp complicated science program will

340

00:21:42,710 --> 00:21:38,520

make for a very busy increment for both

341

00:21:44,570 --> 00:21:42,720

the expedition 25 and 26 cruise and you

342

00:21:49,340 --> 00:21:44,580

know but i think i think we're up to the

343

00:21:50,930 --> 00:21:49,350

task no ye primeramente pasta monster

344

00:21:52,700 --> 00:21:50,940

chain technova crab bleep low social

345

00:21:54,650 --> 00:21:52,710

exclusion announced new program ahana's

346

00:21:56,690 --> 00:21:54,660

deal with pollute blood-spattered

347

00:22:00,650 --> 00:21:56,700

watches to exceeds darkness laws nino

348

00:22:02,300 --> 00:22:00,660

the animal 80 got over and briefly scott

349

00:22:05,420 --> 00:22:02,310

your brother mark is here with family

350

00:22:06,980 --> 00:22:05,430

members to see off on friday morning he

351
00:22:08,690 --> 00:22:06,990
will command the shuttle Endeavour next

352
00:22:10,790 --> 00:22:08,700
februari on one of the final shuttle

353
00:22:12,260 --> 00:22:10,800
missions to visit you and your crew at

354
00:22:14,540 --> 00:22:12,270
that time on the International Space

355
00:22:17,300 --> 00:22:14,550
Station your thoughts on the uniqueness

356
00:22:19,280 --> 00:22:17,310
on twin brothers teaming up as

357
00:22:22,100 --> 00:22:19,290
respective commanders of those vehicles

358
00:22:26,420 --> 00:22:22,110
in orbit something you probably couldn't

359
00:22:29,030 --> 00:22:26,430
jump in your wildest imagination well

360
00:22:31,580 --> 00:22:29,040
prusto Brad Scott a market or buteo

361
00:22:34,100 --> 00:22:31,590
provides petting zoo of pallet dogs

362
00:22:37,130 --> 00:22:34,110
about Alaska mandiram cranio polluted

363
00:22:39,290 --> 00:22:37,140

shot na Stan Zoe khaki muslos Kota

364

00:22:42,140 --> 00:22:39,300

pappadeaux da gusto de vibrato please

365

00:22:46,280 --> 00:22:42,150

knindza wouldna stanczyk misty on women

366

00:22:48,490 --> 00:22:46,290

i think is of course as as kids growing

367

00:22:52,370 --> 00:22:48,500

up we never thought we would be in this

368

00:22:55,610 --> 00:22:52,380

you know unique and privileged position

369

00:22:57,770 --> 00:22:55,620

to be able to do this no dada mocha

370

00:22:59,520 --> 00:22:57,780

gamma rays lead it me muy nickel Danny

371

00:23:05,010 --> 00:22:59,530

do melatonin oz butta communique

372

00:23:06,750 --> 00:23:05,020

he was it was Moses deal with it however

373

00:23:08,370 --> 00:23:06,760

you know my brother's launch was

374

00:23:10,680 --> 00:23:08,380

supposed to be in July so it really is

375

00:23:13,020 --> 00:23:10,690

just a strange coincidence that it was

376

00:23:16,860 --> 00:23:13,030

delayed and delayed such that it's in

377

00:23:19,350 --> 00:23:16,870

the end of our increment nakada as

378

00:23:24,930 --> 00:23:19,360

michela start mahabharata-- plan eros

379

00:23:27,240 --> 00:23:24,940

anahi you'll know to present a case of a

380

00:23:30,450 --> 00:23:27,250

genious abuti stove principal canyons

381

00:23:32,970 --> 00:23:30,460

nacho pollutin ocupado delta you know so

382

00:23:35,250 --> 00:23:32,980

from a personal aspect it's it's

383

00:23:40,200 --> 00:23:35,260

interesting to us and it will certainly

384

00:23:42,780 --> 00:23:40,210

enhance the experience somewhat it's uh

385

00:23:45,630 --> 00:23:42,790

not only aspect that the dirty signal

386

00:23:50,460 --> 00:23:45,640

booting seriously te huia leashed will

387

00:23:52,590 --> 00:23:50,470

open point however that is absolutely

388

00:23:55,650 --> 00:23:52,600

secondary to to both of our primary

389

00:23:59,250 --> 00:23:55,660

focus of you know completing the mission

390

00:24:02,820 --> 00:23:59,260

safely and you know completing all the

391

00:24:06,680 --> 00:24:02,830

mission objectives northwest Roni Stoker

392

00:24:09,420 --> 00:24:06,690

said is abuzz neste nacho paliotta ye

393

00:24:15,800 --> 00:24:09,430

open ye yet silly paliotta atozzio

394

00:24:21,360 --> 00:24:19,440

Dahlia Percival studio Roscosmos

395

00:24:24,570 --> 00:24:21,370

Alexandra Kelly the first question

396

00:24:27,720 --> 00:24:24,580

please tell us right now the head of our

397

00:24:31,620 --> 00:24:27,730

agency German of has delegated a book to

398

00:24:33,510 --> 00:24:31,630

write a book to you what kind of book is

399

00:24:38,100 --> 00:24:33,520

it and what is the mission of that book

400

00:24:40,830 --> 00:24:38,110

and also if you can tell us how can the

401
00:24:44,490 --> 00:24:40,840
COS monitor the ostriches switch to

402
00:24:46,680 --> 00:24:44,500
night life you would have to miss out a

403
00:24:50,340 --> 00:24:46,690
lot on sleep and how would you handle

404
00:24:52,680 --> 00:24:50,350
this difficult situation well there is

405
00:24:54,720 --> 00:24:52,690
nothing strange or special about

406
00:24:57,720 --> 00:24:54,730
switching to a different time everyone

407
00:24:59,850 --> 00:24:57,730
has to sometimes miss out on sleep and

408
00:25:02,370 --> 00:24:59,860
do something at night maybe greet

409
00:25:04,380 --> 00:25:02,380
relatives that the rail station were

410
00:25:07,170 --> 00:25:04,390
pick them up from the airport and we

411
00:25:09,270 --> 00:25:07,180
have the same people the same work we

412
00:25:11,850 --> 00:25:09,280
have pretty reasonable schedule for some

413
00:25:13,049 --> 00:25:11,860

for tomorrow we're going to have two

414

00:25:17,399 --> 00:25:13,059

areas of

415

00:25:21,629 --> 00:25:17,409

wrist and as adult people we're going to

416

00:25:24,720 --> 00:25:21,639

get ready for night shift and further

417

00:25:26,549 --> 00:25:24,730

once we're at the station we're going to

418

00:25:27,899 --> 00:25:26,559

get back to normal and we're going to be

419

00:25:30,840 --> 00:25:27,909

working according to the regular

420

00:25:34,169 --> 00:25:30,850

schedule as far as the book question yes

421

00:25:38,450 --> 00:25:34,179

indeed we have been given a book and

422

00:25:42,090 --> 00:25:38,460

it's a in addition give office service

423

00:25:47,489 --> 00:25:42,100

Tolstoy sevastopol short stories the

424

00:25:52,409 --> 00:25:47,499

French diaspora asked us since they are

425

00:25:54,060 --> 00:25:52,419

having an anniversary too so that would

426

00:25:56,759 --> 00:25:54,070

stay with you pick up this book take it

427

00:26:00,149 --> 00:25:56,769

on board and we're going to be very

428

00:26:03,299 --> 00:26:00,159

happy to do that and right now it's

429

00:26:07,230 --> 00:26:03,309

already been conveyed to be stowed for

430

00:26:10,230 --> 00:26:07,240

on the vehicle civil stop and every

431

00:26:13,369 --> 00:26:10,240

Russian person knows what Sebastopol

432

00:26:16,109 --> 00:26:13,379

means we don't have to explain that and

433

00:26:19,139 --> 00:26:16,119

what it means for the Russian culture

434

00:26:22,799 --> 00:26:19,149

Russian people with what live Nicholas

435

00:26:27,590 --> 00:26:22,809

those diamonds is also pretty clear in

436

00:26:30,509 --> 00:26:27,600

addition we have personal connections

437

00:26:33,600 --> 00:26:30,519

relationship with the city of Sevastopol

438

00:26:36,210 --> 00:26:33,610

its histories events so will be most

439

00:26:40,019 --> 00:26:36,220

happy to do that I think that this book

440

00:26:43,710 --> 00:26:40,029

is going to come back to earth along

441

00:26:45,509 --> 00:26:43,720

together with further your chicken maybe

442

00:26:47,460 --> 00:26:45,519

it or closer towards the winter at the

443

00:26:54,119 --> 00:26:47,470

end of november thank you one more

444

00:26:57,950 --> 00:26:54,129

question we have three crew members not

445

00:27:01,019 --> 00:26:57,960

sure to avoid we also have backup crew

446

00:27:02,519 --> 00:27:01,029

Tom cook with ABC Scott dump cook what

447

00:27:05,549 --> 00:27:02,529

does that mean to you to have all your

448

00:27:07,409 --> 00:27:05,559

family an APC this way to see you but

449

00:27:09,060 --> 00:27:07,419

watch this launch and secondly besides

450

00:27:10,619 --> 00:27:09,070

your family and friends and of course

451
00:27:12,060 --> 00:27:10,629
eyewitness news in the morning what will

452
00:27:16,830 --> 00:27:12,070
you miss most in your six months in

453
00:27:19,590 --> 00:27:16,840
space let's go to question first car no

454
00:27:23,980 --> 00:27:19,600
Priya casa mia stupor ability of cosmos

455
00:27:29,120 --> 00:27:23,990
ii are stones a diet water st mists of

456
00:27:32,420 --> 00:27:29,130
well Tom it's uh it's a repair and you

457
00:27:36,680 --> 00:27:32,430
know it's a lot of sacrifice and time

458
00:27:39,830 --> 00:27:36,690
and to make the trip so it means means a

459
00:27:43,120 --> 00:27:39,840
lot to me for my family and friends the

460
00:27:48,470 --> 00:27:43,130
ones that could make it to be here

461
00:27:52,060 --> 00:27:48,480
certainly and you know that's what I'll

462
00:27:54,320 --> 00:27:52,070
miss mostly family and friends and

463
00:27:57,260 --> 00:27:54,330

probably a little bit of fresh air as

464

00:27:59,150 --> 00:27:57,270

well but I'm sure it's going to be a

465

00:28:02,150 --> 00:27:59,160

great experience and we're going to have

466

00:28:04,310 --> 00:28:02,160

a very successful mission start of the

467

00:28:08,480 --> 00:28:04,320

muscle Chambliss the launch is very

468

00:28:10,430 --> 00:28:08,490

close and indeed I appreciate that my

469

00:28:16,030 --> 00:28:10,440

family and my friends are sacrificing

470

00:28:20,150 --> 00:28:16,040

their time and i will miss it a lot

471

00:28:24,470 --> 00:28:20,160

perhaps a few breaths of fresh air as

472

00:28:27,110 --> 00:28:24,480

well thank you more questions 2

473

00:28:29,360 --> 00:28:27,120

questions both addressed to all three of

474

00:28:30,890 --> 00:28:29,370

the crew the first one regarding the

475

00:28:33,860 --> 00:28:30,900

place what do you think about the place

476

00:28:36,290 --> 00:28:33,870

Baikonur about having to come here for

477

00:28:38,270 --> 00:28:36,300

the launch and if you could choose a

478

00:28:40,670 --> 00:28:38,280

place any place on earth to have a

479

00:28:43,310 --> 00:28:40,680

launch where would that be the second

480

00:28:45,830 --> 00:28:43,320

question have you all seen the film the

481

00:28:48,050 --> 00:28:45,840

white Sun of the desert and that film

482

00:28:50,300 --> 00:28:48,060

and what do you think about that film

483

00:28:53,510 --> 00:28:50,310

and about its significance in terms of

484

00:28:56,600 --> 00:28:53,520

superstition the process syndrome two

485

00:29:00,020 --> 00:28:56,610

questions to all three crew members mr.

486

00:29:02,240 --> 00:29:00,030

in no Sun God Baikonur at qdoba gesture

487

00:29:05,840 --> 00:29:02,250

towaji yes Lee bovis boo boo Bieber

488

00:29:08,180 --> 00:29:05,850

stupid with liberal a start-up lecoultre

489

00:29:11,180 --> 00:29:08,190

Oprah's papo de filma bilisan suppose

490

00:29:16,380 --> 00:29:11,190

Tinian Kaku smooth reaches to runyon too

491

00:29:20,860 --> 00:29:19,299

and no business loan or bacon or not the

492

00:29:23,860 --> 00:29:20,870

touches of course by Connor is a

493

00:29:26,110 --> 00:29:23,870

historic site for us that's where the

494

00:29:29,070 --> 00:29:26,120

launch of the first Sputnik occur the

495

00:29:34,539 --> 00:29:29,080

first man flew from here man in space

496

00:29:37,240 --> 00:29:34,549

and we are continuing this tradition up

497

00:29:43,360 --> 00:29:37,250

to now we're hoping to maintain this

498

00:29:46,539 --> 00:29:43,370

tradition in the future and the denizens

499

00:29:48,669 --> 00:29:46,549

of Baikonur always have worm welcome for

500

00:29:50,440 --> 00:29:48,679

the cosmonauts it means that it means a

501
00:29:52,060 --> 00:29:50,450
lot for the town itself as far as the

502
00:29:55,779 --> 00:29:52,070
white Sun of the desert is concerned

503
00:29:58,419 --> 00:29:55,789
well it's an old tradition to watch that

504
00:30:00,610 --> 00:29:58,429
film prior to launch and in addition

505
00:30:04,299 --> 00:30:00,620
it's a great film so it's a great

506
00:30:06,990 --> 00:30:04,309
pleasure to watch it I have wished it

507
00:30:11,409 --> 00:30:07,000
here as a backup crew for the first time

508
00:30:14,110 --> 00:30:11,419
and now you know dude among the new crew

509
00:30:17,950 --> 00:30:14,120
and I I'm just hoping that everybody

510
00:30:21,039 --> 00:30:17,960
enjoyed watching this movie smooth I

511
00:30:24,960 --> 00:30:21,049
would like to say a couple of words many

512
00:30:29,039 --> 00:30:24,970
of you we didn't you probably we're here

513
00:30:31,509 --> 00:30:29,049

at the first course masseur site and

514

00:30:33,190 --> 00:30:31,519

rocket launch site and you probably

515

00:30:35,409 --> 00:30:33,200

remember the words that are written on

516

00:30:39,129 --> 00:30:35,419

that you say it's good you idiot ground

517

00:30:42,639 --> 00:30:39,139

the audience to hear with the name of a

518

00:30:45,039 --> 00:30:42,649

Soviet men a bold exploration of space

519

00:30:46,269 --> 00:30:45,049

has begun I don't think you can say it

520

00:30:49,299 --> 00:30:46,279

better than that it was an achievement

521

00:30:52,060 --> 00:30:49,309

of the entire people entire country and

522

00:30:56,049 --> 00:30:52,070

it's a great accomplishment to which we

523

00:30:59,009 --> 00:30:56,059

have devoted their lives so to speak and

524

00:31:02,110 --> 00:30:59,019

if you think about it it's as simple as

525

00:31:07,409 --> 00:31:02,120

a simple military person I was likely to

526
00:31:10,149 --> 00:31:07,419
have to have met him on SaLuSa worship

527
00:31:13,450 --> 00:31:10,159
the Scott have you ever heard of this

528
00:31:16,750 --> 00:31:13,460
tradition to of watching this film of

529
00:31:20,049 --> 00:31:16,760
course Baikonur is a you know a historic

530
00:31:23,710 --> 00:31:20,059
location and a there's a lot of

531
00:31:25,720 --> 00:31:23,720
tradition here so I really appreciate

532
00:31:27,460 --> 00:31:25,730
the opportunity to launch here my two

533
00:31:29,160 --> 00:31:27,470
previous flights have been from Florida

534
00:31:33,630 --> 00:31:29,170
and

535
00:31:35,160 --> 00:31:33,640
also a big tradition is the the film

536
00:31:38,820 --> 00:31:35,170
that was mentioned which I've seen

537
00:31:42,960 --> 00:31:38,830
several times and we'll see here again

538
00:31:46,080 --> 00:31:42,970

soon no he stays nachos questo Baikonur

539

00:31:48,420 --> 00:31:46,090

attack histories ke traded sony me esta

540

00:31:49,680 --> 00:31:48,430

la palette of potato me a guru stem stud

541

00:31:53,730 --> 00:31:49,690

pseudo polish up tengo esta tu ami

542

00:31:56,820 --> 00:31:53,740

producer paliotta y yo y fuera de vos on

543

00:31:59,460 --> 00:31:56,830

s'posed in de Ojo no grass video yasuda

544

00:32:03,710 --> 00:31:59,470

Weston Kozma tripura startin by ciba

545

00:32:06,090 --> 00:32:03,720

thank you there is a question I think

546

00:32:09,990 --> 00:32:06,100

yeah we got all Maxim borrowing first

547

00:32:13,020 --> 00:32:10,000

channel maxi enviro nyan custom trouble

548

00:32:14,850 --> 00:32:13,030

in the cat room we know that the movico

549

00:32:17,310 --> 00:32:14,860

where you're going to fly there using

550

00:32:20,280 --> 00:32:17,320

some new digital technologies which were

551
00:32:24,330 --> 00:32:20,290
there in the past has it affected the

552
00:32:29,640 --> 00:32:24,340
process of control or what has changed

553
00:32:33,210 --> 00:32:29,650
has it become easier what essentially

554
00:32:35,160 --> 00:32:33,220
has changed and how did you get adapted

555
00:32:42,240 --> 00:32:35,170
to new technologies if you had to get

556
00:32:45,710 --> 00:32:42,250
adapted this duty indeed as we say it's

557
00:32:48,810 --> 00:32:45,720
a vehicle with updated onboard systems

558
00:32:51,440 --> 00:32:48,820
the updates concern control motion

559
00:32:56,450 --> 00:32:51,450
control system and a navigation

560
00:32:59,430 --> 00:32:56,460
telemetry system as well as with no

561
00:33:02,760 --> 00:32:59,440
on-board computer complex on board

562
00:33:05,160 --> 00:33:02,770
measurement system it's no secret that

563
00:33:11,040 --> 00:33:05,170

the Soyuz vehicle just been flying right

564

00:33:13,440 --> 00:33:11,050

now has obtained its digital complex

565

00:33:15,330 --> 00:33:13,450

very a long time ago and the technology

566

00:33:18,000 --> 00:33:15,340

that was used there was the last last

567

00:33:20,970 --> 00:33:18,010

century technology the current vehicle

568

00:33:23,400 --> 00:33:20,980

that is going to fly is different and in

569

00:33:26,940 --> 00:33:23,410

a way that the computer complex that is

570

00:33:28,800 --> 00:33:26,950

created there is secreted with a

571

00:33:31,290 --> 00:33:28,810

different architecture that has greater

572

00:33:33,240 --> 00:33:31,300

capabilities for the development for the

573

00:33:37,860 --> 00:33:33,250

functional development for performance

574

00:33:39,630 --> 00:33:37,870

of vehicle systems that's moving and it

575

00:33:41,730 --> 00:33:39,640

will provide new interesting

576
00:33:42,310 --> 00:33:41,740
opportunities as far as the motion

577
00:33:45,840 --> 00:33:42,320
control

578
00:33:49,960 --> 00:33:45,850
is concerned today's the first step

579
00:33:55,629 --> 00:33:49,970
during this mission we're starting the

580
00:33:56,980 --> 00:33:55,639
flight design test stage but it doesn't

581
00:34:01,090 --> 00:33:56,990
mean that everything is going to be

582
00:34:05,049 --> 00:34:01,100
completed in one flight our backup crew

583
00:34:07,299 --> 00:34:05,059
is going to go further they will have to

584
00:34:10,089 --> 00:34:07,309
fly the future generation vehicles of

585
00:34:12,280 --> 00:34:10,099
that series and they would they're also

586
00:34:15,490 --> 00:34:12,290
looking forward to very interesting work

587
00:34:19,480 --> 00:34:15,500
and we are going to cooperate all

588
00:34:22,960 --> 00:34:19,490

together we are going to teach it how to

589

00:34:25,020 --> 00:34:22,970

fly even though we already know how to

590

00:34:28,000 --> 00:34:25,030

fly they already know how to fly it and

591

00:34:32,260 --> 00:34:28,010

we're going to create a new control

592

00:34:36,159 --> 00:34:32,270

platform in order to add new quality to

593

00:34:38,470 --> 00:34:36,169

crew operation and Torres expansion of

594

00:34:40,960 --> 00:34:38,480

vehicle capabilities as a transportation

595

00:34:50,859 --> 00:34:40,970

vehicle and there's a crew vehicle on

596

00:34:52,990 --> 00:34:50,869

orbit possible thank you thank you Amy

597

00:34:57,569 --> 00:34:53,000

Kellogg from Fox News I have a question

598

00:35:00,910 --> 00:34:57,579

for Scott I wonder if when you were a

599

00:35:02,260 --> 00:35:00,920

boy growing up training to be an

600

00:35:03,940 --> 00:35:02,270

astronaut you ever thought in your

601
00:35:06,760 --> 00:35:03,950
wildest dreams that you would be working

602
00:35:08,770 --> 00:35:06,770
so closely with Russian cosmonauts and

603
00:35:11,410 --> 00:35:08,780
and maybe if you could describe the

604
00:35:12,550 --> 00:35:11,420
differences in approach or the different

605
00:35:15,579 --> 00:35:12,560
ways that the Russians and the Americans

606
00:35:19,240 --> 00:35:15,589
work and and similarly I would like to

607
00:35:21,280 --> 00:35:19,250
ask you there Oleg or Alexander if if

608
00:35:22,510 --> 00:35:21,290
the reverse the reverse of that question

609
00:35:23,950 --> 00:35:22,520
if when they were growing up they ever

610
00:35:26,260 --> 00:35:23,960
thought they'd be working closely with

611
00:35:29,800 --> 00:35:26,270
American astronauts and and how they see

612
00:35:33,190 --> 00:35:29,810
the differences an approach to work in

613
00:35:35,589 --> 00:35:33,200

outer space thank you Bruce Scotty King

614

00:35:37,900 --> 00:35:35,599

Don roseboom ulch coma she missed out

615

00:35:40,450 --> 00:35:37,910

status turn off tom dumoulin stone boy

616

00:35:44,940 --> 00:35:40,460

tag bliss caribou Duchess chemical ebony

617

00:35:47,859 --> 00:35:44,950

let esposa SE e chung resin sapat Hoda

618

00:35:50,230 --> 00:35:47,869

pocket okay no resist a Miracle's kester

619

00:35:54,060 --> 00:35:50,240

anja y sin tacos OH a pro's mana baroda

620

00:36:00,660 --> 00:35:56,670

well when I was growing up in in West

621

00:36:03,510 --> 00:36:00,670

Orange New Jersey I was you know

622

00:36:05,310 --> 00:36:03,520

followed the Apollo program you know as

623

00:36:08,150 --> 00:36:05,320

a kid as much as I could I was aware of

624

00:36:11,250 --> 00:36:08,160

it also was aware of the apollo-soyuz

625

00:36:14,280 --> 00:36:11,260

project which was a you know a

626

00:36:19,560 --> 00:36:14,290

partnership between the u.s. and the

627

00:36:22,170 --> 00:36:19,570

Soviet Union and so I was aware that

628

00:36:24,960 --> 00:36:22,180

that kind of partnership in space

629

00:36:26,460 --> 00:36:24,970

existed but i never thought i would

630

00:36:32,090 --> 00:36:26,470

become an astronaut i think a lot of

631

00:36:35,760 --> 00:36:32,100

kids a dream of that but you know it's

632

00:36:39,060 --> 00:36:35,770

you know it's a dream and and I'm I'm

633

00:36:40,980 --> 00:36:39,070

living the dream right now is having

634

00:36:45,690 --> 00:36:40,990

this privilege to get the launch in

635

00:36:49,140 --> 00:36:45,700

space tomorrow no Kidero so New Jersey

636

00:36:52,050 --> 00:36:49,150

yea tall semana que pasa SI de coca

637

00:36:55,230 --> 00:36:52,060

Moses program why Apple on the program s

638

00:37:02,810 --> 00:36:55,240

is open to experience plz ste freeman

639

00:37:08,040 --> 00:37:05,310

togda each attorney de mostest an

640

00:37:11,100 --> 00:37:08,050

astronaut on a seichas lyricas metabolic

641

00:37:13,800 --> 00:37:11,110

age 21 Astros a policy of cosmos and

642

00:37:17,930 --> 00:37:13,810

there another some small differences in

643

00:37:21,600 --> 00:37:17,940

how we do things but by and large the

644

00:37:23,820 --> 00:37:21,610

similarities are much more significant

645

00:37:25,920 --> 00:37:23,830

and that we're all professionals we all

646

00:37:29,490 --> 00:37:25,930

take this serious business very

647

00:37:33,210 --> 00:37:29,500

seriously and you know our primary focus

648

00:37:37,980 --> 00:37:33,220

is you know safety and completing the

649

00:37:42,620 --> 00:37:37,990

mission objectives Moustakas itsuki

650

00:37:45,870 --> 00:37:42,630

estas corazon esta noche para wasnae a

651
00:37:48,870 --> 00:37:45,880
janaka wave ish a todos que sera boded

652
00:37:51,900 --> 00:37:48,880
ocean moussaka professional nuh miss

653
00:38:00,410 --> 00:37:51,910
Yvonne ESO de su not salon owner is a

654
00:38:09,720 --> 00:38:06,330
no utopias octa I also belong to their

655
00:38:12,990 --> 00:38:09,730
generation which which in turn ah no

656
00:38:15,390 --> 00:38:13,000
blue dye card amorously when we observed

657
00:38:18,390 --> 00:38:15,400
it when we were growing up us as young

658
00:38:21,420 --> 00:38:18,400
boys we didn't doubt that receive makati

659
00:38:24,360 --> 00:38:21,430
if we only want something very much we

660
00:38:27,030 --> 00:38:24,370
can do anything we want in our country

661
00:38:30,210 --> 00:38:27,040
and I was certain that I would find a

662
00:38:34,110 --> 00:38:30,220
way to become a cosmonaut that's when I

663
00:38:37,050 --> 00:38:34,120

was in school but even when I was

664

00:38:41,880 --> 00:38:37,060

undergoing cosmonaut selection and that

665

00:38:45,990 --> 00:38:41,890

was 1982-83 I had no it didn't occur to

666

00:38:48,870 --> 00:38:46,000

me that I would be collaborating I would

667

00:38:51,120 --> 00:38:48,880

be flying on doing programs with my

668

00:38:53,490 --> 00:38:51,130

colleagues but the time had passed we

669

00:38:57,660 --> 00:38:53,500

started collaborating and it became a

670

00:39:01,140 --> 00:38:57,670

very interesting program so looking back

671

00:39:05,010 --> 00:39:01,150

at previous flights I could agree with

672

00:39:08,450 --> 00:39:05,020

Scott that he hasn't who the cosna

673

00:39:12,200 --> 00:39:08,460

although approaches and engineering

674

00:39:14,970 --> 00:39:12,210

techniques may be different and various

675

00:39:17,810 --> 00:39:14,980

engineering foundations and traditions

676

00:39:22,710 --> 00:39:17,820

the goal that we have is the same it's

677

00:39:25,890 --> 00:39:22,720

life at work in space 6 for the sake of

678

00:39:29,880 --> 00:39:25,900

the entire humanity all the countries in

679

00:39:32,700 --> 00:39:29,890

the world and of course completion of

680

00:39:35,130 --> 00:39:32,710

flight program and safety assurance and

681

00:39:41,840 --> 00:39:35,140

quality of our performance are important

682

00:39:46,950 --> 00:39:41,850

oh yeah potatoes when I was undergoing

683

00:39:50,030 --> 00:39:46,960

selection in the late nineties the

684

00:39:53,580 --> 00:39:50,040

collaboration was fully deployed already

685

00:39:56,580 --> 00:39:53,590

between the United States and Russia it

686

00:39:58,740 --> 00:39:56,590

was mere NASA program we already

687

00:40:00,440 --> 00:39:58,750

understood with whom we are going to be

688

00:40:03,330 --> 00:40:00,450

working which is didn't know exactly how

689

00:40:07,230 --> 00:40:03,340

and we were not too familiar with

690

00:40:11,400 --> 00:40:07,240

traditions and approach of other

691

00:40:12,270 --> 00:40:11,410

partners would know dude but taking into

692

00:40:14,840 --> 00:40:12,280

consideration

693

00:40:19,320 --> 00:40:14,850

and the fact that the flight is it is a

694

00:40:20,640 --> 00:40:19,330

summit of our training in the process of

695

00:40:22,470 --> 00:40:20,650

Flight one could get a better

696

00:40:25,800 --> 00:40:22,480

understanding what is different and what

697

00:40:29,820 --> 00:40:25,810

is common Thank You Natalia boards of a

698

00:40:32,100 --> 00:40:29,830

question for the backup crew it's very

699

00:40:38,490 --> 00:40:32,110

important your opinion is important for

700

00:40:40,860 --> 00:40:38,500

Sergei main crew training how is it

701
00:40:45,540 --> 00:40:40,870
different from the backup training are

702
00:40:48,360 --> 00:40:45,550
there any difference and also the

703
00:40:51,990 --> 00:40:48,370
American space agency do they have a

704
00:40:54,150 --> 00:40:52,000
notion of backup crew there do they also

705
00:40:58,350 --> 00:40:54,160
have backup crew for all the astronauts

706
00:41:03,930 --> 00:40:58,360
and thank you for your question no in

707
00:41:07,770 --> 00:41:03,940
Russia the difference is between in

708
00:41:10,320 --> 00:41:07,780
training are non-existent between the

709
00:41:14,330 --> 00:41:10,330
backup crew in the main crew consultant

710
00:41:17,520 --> 00:41:14,340
and the final decision is made

711
00:41:19,200 --> 00:41:17,530
officially the state commission which is

712
00:41:21,870 --> 00:41:19,210
what happened an hour and a half ago

713
00:41:24,750 --> 00:41:21,880

literally although of course we have

714

00:41:26,550 --> 00:41:24,760

discussed it among ourselves that we

715

00:41:29,040 --> 00:41:26,560

have arrived here first of all to

716

00:41:30,690 --> 00:41:29,050

support the main crew because the day

717

00:41:33,720 --> 00:41:30,700

after tomorrow we'll have to see them

718

00:41:39,630 --> 00:41:33,730

off and we have to make sure that they

719

00:41:43,860 --> 00:41:39,640

have taken off and now do do you feel

720

00:41:46,500 --> 00:41:43,870

some kind of relief society suggestion I

721

00:41:48,360 --> 00:41:46,510

think that the entire six persons who

722

00:41:50,400 --> 00:41:48,370

are sitting here are going to breathe a

723

00:41:54,900 --> 00:41:50,410

sigh of relief when the launch vehicle

724

00:41:56,850 --> 00:41:54,910

takes off and when they and way they we

725

00:41:59,070 --> 00:41:56,860

know that the guys have finally took off

726

00:42:02,220 --> 00:41:59,080

to work and we can prepare for our main

727

00:42:06,450 --> 00:42:02,230

flight thank you that's a very good

728

00:42:09,960 --> 00:42:06,460

question we in the past we had backups

729

00:42:13,140 --> 00:42:09,970

in the NASA program and we went away

730

00:42:18,300 --> 00:42:13,150

from that a few years ago many years ago

731

00:42:22,050 --> 00:42:18,310

actually and when arranged good question

732

00:42:24,230 --> 00:42:22,060

no Julie doobly Russia que pasa programa

733

00:42:27,470 --> 00:42:24,240

NASA noez quelques darkness Angela

734

00:42:31,010 --> 00:42:27,480

no believe naz at mostly at away I think

735

00:42:34,940 --> 00:42:31,020

it's a really good idea to have backup a

736

00:42:36,620 --> 00:42:34,950

backup crew for a mission I think I

737

00:42:38,180 --> 00:42:36,630

don't know the real reason why we don't

738

00:42:40,670 --> 00:42:38,190

do it anymore what I assume the reason

739

00:42:43,340 --> 00:42:40,680

is is when you have a crew of seven

740

00:42:45,230 --> 00:42:43,350

you'd have to have seven backup crew

741

00:42:46,880 --> 00:42:45,240

members and that's just probably too

742

00:42:49,130 --> 00:42:46,890

many to have in training but it's a

743

00:42:50,840 --> 00:42:49,140

really good idea because you get really

744

00:42:52,250 --> 00:42:50,850

good experience as a backup and then

745

00:42:55,700 --> 00:42:52,260

you're ready for when it's your time to

746

00:42:57,410 --> 00:42:55,710

be proud no no some delicious that dos

747

00:42:59,420 --> 00:42:57,420

carros idea called days doobly Russia

748

00:43:01,810 --> 00:42:59,430

keepers yeah can create any prasina

749

00:43:04,340 --> 00:43:01,820

knees 90 to moes career saver stoke a de

750

00:43:06,380 --> 00:43:04,350

ciencias no no que paso a plus cincy

751

00:43:08,540 --> 00:43:06,390

autoplay russia que para que haces

752

00:43:13,040 --> 00:43:08,550

canoga lagina Donna potatoes k probadita

753

00:43:15,740 --> 00:43:13,050

Bob chickens neogen sigua seen us yet

754

00:43:17,990 --> 00:43:15,750

agosto pull wek pass estamos de poachers

755

00:43:23,300 --> 00:43:18,000

to progress to the potato couple chess

756

00:43:27,350 --> 00:43:23,310

toad toad robot spasiba thank you are

757

00:43:30,260 --> 00:43:27,360

there any more questions uganda montilla

758

00:43:33,260 --> 00:43:30,270

cannot rush today here i came on a TV

759

00:43:35,780 --> 00:43:33,270

channel fresh today eugenia i

760

00:43:38,990 --> 00:43:35,790

checked for you personally what part of

761

00:43:40,790 --> 00:43:39,000

the experiment is most exciting and

762

00:43:44,480 --> 00:43:40,800

where can you show your creative

763

00:43:48,410 --> 00:43:44,490

potential and the second question is do

764

00:43:51,620 --> 00:43:48,420

you feel what you're doing what do you

765

00:43:59,950 --> 00:43:51,630

feel it's tangible contribution into the

766

00:44:03,740 --> 00:43:59,960

development of humanity no number state

767

00:44:06,020 --> 00:44:03,750

the coup de Soto's we have to perform a

768

00:44:08,230 --> 00:44:06,030

few dozens of experiments each one of

769

00:44:13,910 --> 00:44:08,240

them is interesting in its own way

770

00:44:17,360 --> 00:44:13,920

perhaps the most creative one is this

771

00:44:21,290 --> 00:44:17,370

earth service monitoring that is related

772

00:44:27,830 --> 00:44:21,300

to video and photo filming and we have

773

00:44:31,910 --> 00:44:27,840

to do it a lot Rosicky of the road no

774

00:44:35,390 --> 00:44:31,920

sir this is done towards the goal of

775

00:44:38,400 --> 00:44:35,400

studying nature and natural phenomena

776

00:44:42,030 --> 00:44:38,410

so I think that is a contribution to the

777

00:44:45,800 --> 00:44:42,040

development of humanity I also think

778

00:44:49,950 --> 00:44:45,810

that they bully most interesting

779

00:44:53,310 --> 00:44:49,960

experiments are those were good with the

780

00:44:59,270 --> 00:44:53,320

ILO perdido gintama are forced to be

781

00:45:01,680 --> 00:44:59,280

creative and Earth's surface observation

782

00:45:06,920 --> 00:45:01,690

monitoring especially using photo

783

00:45:09,530 --> 00:45:06,930

cameras is always a search of something

784

00:45:13,350 --> 00:45:09,540

unusual something interesting something

785

00:45:17,250 --> 00:45:13,360

wondrous surprising that you can share

786

00:45:20,850 --> 00:45:17,260

with other people and of course this is

787

00:45:24,890 --> 00:45:20,860

very exciting as far as I experiments

788

00:45:28,230 --> 00:45:24,900

are concerned they're also very

789

00:45:30,570 --> 00:45:28,240

interesting too different to various

790

00:45:34,290 --> 00:45:30,580

degrees that our involvement various

791

00:45:38,780 --> 00:45:34,300

there there are medical biological

792

00:45:43,460 --> 00:45:38,790

experiments and the priorities are

793

00:45:46,260 --> 00:45:43,470

different depending on the experimenter

794

00:45:49,770 --> 00:45:46,270

the goal is to deliver quality

795

00:45:53,670 --> 00:45:49,780

information to fulfill expectations and

796

00:45:56,460 --> 00:45:53,680

to bring interesting results and the

797

00:45:59,430 --> 00:45:56,470

thoughts we have the prevailing thoughts

798

00:46:03,020 --> 00:45:59,440

we have our to do it to the best of our

799

00:46:07,620 --> 00:46:03,030

ability to do it with the best accuracy

800

00:46:12,080 --> 00:46:07,630

to fulfill the initial plans and to

801
00:46:16,470 --> 00:46:12,090
obtain good results I think we've

802
00:46:18,980 --> 00:46:16,480
through a very great international

803
00:46:23,040 --> 00:46:18,990
partnership we've built a very

804
00:46:25,380 --> 00:46:23,050
sophisticated and capable Space Station

805
00:46:29,100 --> 00:46:25,390
that's just reaching the prime of its

806
00:46:31,130 --> 00:46:29,110
life yeah the most America's a notion is

807
00:46:33,810 --> 00:46:31,140
not only a true story pass through local

808
00:46:36,600 --> 00:46:33,820
bellucci inclusion is not only cuz mrs.

809
00:46:39,540 --> 00:46:36,610
Costanzo catalysis took of her tits

810
00:46:43,230 --> 00:46:39,550
reason and it's just now getting into a

811
00:46:48,529 --> 00:46:43,240
position where can do the kind of

812
00:46:53,249 --> 00:46:51,029
momento que amo motion prob Adityanath

813
00:46:56,009 --> 00:46:53,259

no experimental kotokhon upon a robust

814

00:47:01,559 --> 00:46:56,019

and I think it will have a long-lasting

815

00:47:04,890 --> 00:47:01,569

and significant legacy your dundas boot

816

00:47:08,039 --> 00:47:04,900

dog a producer she searching was no

817

00:47:10,469 --> 00:47:08,049

bottom I'm very proud to be a part of it

818

00:47:16,079 --> 00:47:10,479

here which english teams today's chest

819

00:47:18,599 --> 00:47:16,089

to heal sigo thank you Armand been

820

00:47:21,599 --> 00:47:18,609

chillin Corrado chavela armonk on chica

821

00:47:24,359 --> 00:47:21,609

ratio deutsche welle a question to

822

00:47:26,339 --> 00:47:24,369

everyone in seriousness college a

823

00:47:29,729 --> 00:47:26,349

professional oh so kinetic aside sir

824

00:47:31,769 --> 00:47:29,739

scotty nick Daniel luba EDSA uh the

825

00:47:33,650 --> 00:47:31,779

journalists EU is very serious people

826

00:47:37,709 --> 00:47:33,660

especially it's called who hardly ever

827

00:47:40,739 --> 00:47:37,719

smiles where there are any situations in

828

00:47:46,849 --> 00:47:40,749

flight which may comical situations that

829

00:47:52,950 --> 00:47:46,859

made you smile I'm having fun right now

830

00:47:55,410 --> 00:47:52,960

yes yes robberies miss Lovelace actually

831

00:47:57,479 --> 00:47:55,420

it you know flying in space is a very

832

00:48:02,519 --> 00:47:57,489

serious business but we will we will

833

00:48:06,690 --> 00:48:02,529

find time to to enjoy it you know both

834

00:48:10,739 --> 00:48:06,700

air you know enjoying the company and

835

00:48:14,039 --> 00:48:10,749

the unique privilege it is to fly in

836

00:48:16,440 --> 00:48:14,049

space no not sound Julie some part of

837

00:48:18,420 --> 00:48:16,450

post on specific research in Syria Osman

838

00:48:21,539 --> 00:48:18,430

do yo ears to manage on within me two

839

00:48:23,849 --> 00:48:21,549

towers to be a parada wats is a booty

840

00:48:25,620 --> 00:48:23,859

para lo sabras a misty peridots Thomas

841

00:48:31,569 --> 00:48:25,630

to visit knows his chest averse to booty

842

00:48:37,359 --> 00:48:33,699

yeah we can all snow but not yulia the

843

00:48:40,209 --> 00:48:37,369

first channel an additional question for

844

00:48:43,120 --> 00:48:40,219

it about experiments I spoke to the

845

00:48:46,140 --> 00:48:43,130

authors of those experiments and

846

00:48:49,539 --> 00:48:46,150

understood that most of them are

847

00:48:51,969 --> 00:48:49,549

conducted in highly specialized areas

848

00:48:54,519 --> 00:48:51,979

that you have to obtain some kind of

849

00:48:57,190 --> 00:48:54,529

special knowledge in order to conduct

850

00:48:59,709 --> 00:48:57,200

those experiments in order to

851
00:49:02,190 --> 00:48:59,719
approximate them to the greatest degree

852
00:49:09,279 --> 00:49:02,200
to what the authors of those experiments

853
00:49:17,039 --> 00:49:09,289
designed can use know some will of

854
00:49:20,709 --> 00:49:17,049
course um no moves there in my view what

855
00:49:24,039 --> 00:49:20,719
from my point of view as I was taught

856
00:49:27,819 --> 00:49:24,049
back at the Institute it would be very

857
00:49:32,309 --> 00:49:27,829
impudent of me so claims that I have

858
00:49:36,099 --> 00:49:32,319
obtained sub special knowledge because

859
00:49:39,609 --> 00:49:36,109
you cannot connect a little gear women

860
00:49:43,059 --> 00:49:39,619
have the same knowledge and in broad

861
00:49:46,900 --> 00:49:43,069
areas of knowledge of expertise biology

862
00:49:51,069 --> 00:49:46,910
medicine technology physics theoretical

863
00:49:55,209 --> 00:49:51,079

physics geophysics informatics it's

864

00:49:58,150 --> 00:49:55,219

impossible but of course we do undergo

865

00:50:01,599 --> 00:49:58,160

special training at all stages of our

866

00:50:03,819 --> 00:50:01,609

careers cause when a training starting

867

00:50:08,380 --> 00:50:03,829

with an overall general training and so

868

00:50:12,519 --> 00:50:08,390

on and so forth and in the methodology

869

00:50:17,109 --> 00:50:12,529

the procedures of training are beautiful

870

00:50:20,349 --> 00:50:17,119

and operations scientific operations and

871

00:50:23,439 --> 00:50:20,359

research it doesn't convenience there is

872

00:50:26,589 --> 00:50:23,449

always familiarization with the meaning

873

00:50:28,599 --> 00:50:26,599

of experiment with scientific goals with

874

00:50:30,609 --> 00:50:28,609

scientific foundations of that idea

875

00:50:33,279 --> 00:50:30,619

which is being tested in that experiment

876

00:50:37,959 --> 00:50:33,289

with the results that are updated with

877

00:50:40,239 --> 00:50:37,969

their relevance and afterwards do we get

878

00:50:43,509 --> 00:50:40,249

familiarized with the instruments and

879

00:50:44,290 --> 00:50:43,519

with methodology with procedures so we

880

00:50:47,740 --> 00:50:44,300

do

881

00:50:51,730 --> 00:50:47,750

receive training specialist training to

882

00:50:53,440 --> 00:50:51,740

a sufficient degree thank you more

883

00:50:54,760 --> 00:50:53,450

questions Scott could you talk a little

884

00:50:56,140 --> 00:50:54,770

bit about the different approaches

885

00:50:58,720 --> 00:50:56,150

you've trained for a shuttle mission and

886

00:51:00,160 --> 00:50:58,730

now so he was launched could you talk a

887

00:51:02,320 --> 00:51:00,170

little bit about the different

888

00:51:06,250 --> 00:51:02,330

approaches in training but most of all

889

00:51:11,110 --> 00:51:06,260

is low 40 Rosny pod court pagado cannot

890

00:51:12,970 --> 00:51:11,120

punish Utley heinous I easy the the

891

00:51:15,640 --> 00:51:12,980

differences between training for a

892

00:51:19,480 --> 00:51:15,650

shuttle mission and a space station

893

00:51:21,790 --> 00:51:19,490

mission are significant on a shuttle

894

00:51:27,580 --> 00:51:21,800

flight that's one to two weeks long you

895

00:51:29,890 --> 00:51:27,590

basically train a timeline very

896

00:51:32,980 --> 00:51:29,900

precisely it's very scripted and you

897

00:51:35,920 --> 00:51:32,990

know for the most part exactly what

898

00:51:39,160 --> 00:51:35,930

you're going to do at any minute of the

899

00:51:41,020 --> 00:51:39,170

flight presence of pocket of Chico palio

900

00:51:43,960 --> 00:51:41,030

tuna shotlink as Miss Costanza de una

901
00:51:46,120 --> 00:51:43,970
bolsa pata musta na sadly Couture parka

902
00:51:48,880 --> 00:51:46,130
do indeed Lisa paliotta me toca toca

903
00:51:51,730 --> 00:51:48,890
concrete Machado periodically manam gets

904
00:51:54,250 --> 00:51:51,740
a clog remover easiest nighy root canal

905
00:51:56,560 --> 00:51:54,260
stayed with you know and of course on a

906
00:51:59,140 --> 00:51:56,570
on a six-month flight or a long-duration

907
00:52:02,260 --> 00:51:59,150
flight that would be impossible to do so

908
00:52:04,420 --> 00:52:02,270
our training is more for the most part

909
00:52:09,130 --> 00:52:04,430
although we do some specific training is

910
00:52:11,490 --> 00:52:09,140
mostly more generic I guess would be the

911
00:52:16,780 --> 00:52:11,500
best term or lack of a better term

912
00:52:19,690 --> 00:52:16,790
generic in nature Doug of Raymond is

913
00:52:21,220 --> 00:52:19,700

palliative thomna poco de da de todos

914

00:52:22,840 --> 00:52:21,230

los las casas poverty mean it should

915

00:52:25,660 --> 00:52:22,850

curse but it leads to a kogda buoyed by

916

00:52:28,360 --> 00:52:25,670

Tomas would bully OOP Shepherd gotoku

917

00:52:30,340 --> 00:52:28,370

but they're both very you know

918

00:52:34,570 --> 00:52:30,350

complicated and sophisticated but in

919

00:52:36,940 --> 00:52:34,580

their their own way no Sarah noe tied up

920

00:52:42,520 --> 00:52:36,950

but got off coaching slows my gosh this

921

00:52:45,670 --> 00:52:42,530

way I'm always I see well thank you rob

922

00:52:46,930 --> 00:52:45,680

Navy is NASA TV for Scott you and your

923

00:52:48,850 --> 00:52:46,940

crewmates as well as doug wheelock

924

00:52:51,940 --> 00:52:48,860

Fyodor yurchikhin shannon walker you'll

925

00:52:53,860 --> 00:52:51,950

be on orbit with each other on november

926
00:52:56,020 --> 00:52:53,870
second on the 10th anniversary of the

927
00:52:57,760 --> 00:52:56,030
start of human occupancy of the

928
00:52:59,440 --> 00:52:57,770
International Space Station that began

929
00:53:02,380 --> 00:52:59,450
bill Shepard and Sergei krikalev and

930
00:53:05,950 --> 00:53:02,390
Yuri get zanko on expedition one how

931
00:53:08,430 --> 00:53:05,960
significant a milestone is that to

932
00:53:11,070 --> 00:53:08,440
maintain this facility with unbroken

933
00:53:13,750 --> 00:53:11,080
population for a decade and now a

934
00:53:17,830 --> 00:53:13,760
station that will have its life extended

935
00:53:20,770 --> 00:53:17,840
to at least 20 20 what Bruce Scott oh I

936
00:53:23,860 --> 00:53:20,780
need soy yo Micky passion Buddha present

937
00:53:26,290 --> 00:53:23,870
which distillate yoga does she know Abby

938
00:53:29,440 --> 00:53:26,300

time MST news neuron kozminski start

939

00:53:32,800 --> 00:53:29,450

stance a kogda sergei krikalev yuri

940

00:53:37,090 --> 00:53:32,810

gazenga I bill Shepard at cruelly Aero

941

00:53:42,070 --> 00:53:37,100

Moscow kavars not levis o data data he

942

00:53:44,830 --> 00:53:42,080

stowed oh yeah toast Oh Stan Sarah booty

943

00:53:48,400 --> 00:53:44,840

t pregunte a stroke ashok aetna the dogs

944

00:53:53,620 --> 00:53:48,410

pet oh good you know when I reflect back

945

00:53:56,140 --> 00:53:53,630

on the last 10 years and the you know

946

00:53:58,990 --> 00:53:56,150

what we've built from the starting with

947

00:54:02,560 --> 00:53:59,000

the first launch of a space station

948

00:54:05,530 --> 00:54:02,570

element the FGB here in Baikonur 10

949

00:54:09,310 --> 00:54:05,540

years ago we are about to discipline

950

00:54:10,900 --> 00:54:09,320

Assad a kogda here we at the time when

951
00:54:14,380 --> 00:54:10,910
modern is not on Christmas costanza

952
00:54:16,090 --> 00:54:14,390
futaba hasta tamil elugu kannada you

953
00:54:19,570 --> 00:54:16,100
know i think of a couple things first is

954
00:54:21,940 --> 00:54:19,580
the the efforts of thousands of people

955
00:54:26,830 --> 00:54:21,950
around the world that took to pull off

956
00:54:30,670 --> 00:54:26,840
this amazing achievement naga me sleep a

957
00:54:33,910 --> 00:54:30,680
tempo to appear at the ocilla TCG possum

958
00:54:36,700 --> 00:54:33,920
omoroca Torre said Vicki smugly budget

959
00:54:38,680 --> 00:54:36,710
of Patricia she doesn't decision and

960
00:54:42,610 --> 00:54:38,690
then I think just how how complicated

961
00:54:45,490 --> 00:54:42,620
and you know incredible and achievement

962
00:54:47,620 --> 00:54:45,500
it is to build this space station in you

963
00:54:51,280 --> 00:54:47,630

know different countries using different

964

00:54:54,940 --> 00:54:51,290

technologies you know while orbiting the

965

00:54:58,090 --> 00:54:54,950

Earth in the at 17,500 miles an hour and

966

00:55:00,700 --> 00:54:58,100

extremes of temperatures in a radiation

967

00:55:02,440 --> 00:55:00,710

environment you know put together by

968

00:55:05,200 --> 00:55:02,450

astronauts and cosmonauts and he's very

969

00:55:07,660 --> 00:55:05,210

difficult to work space suits I think

970

00:55:10,539 --> 00:55:07,670

you know it's probably

971

00:55:12,370 --> 00:55:10,549

one of the different most difficult and

972

00:55:16,270 --> 00:55:12,380

complicated things human beings have

973

00:55:18,370 --> 00:55:16,280

accomplished in stark a luminous caucus

974

00:55:20,920 --> 00:55:18,380

Lorna bridge to exclude in past roids

975

00:55:23,710 --> 00:55:20,930

otk a toast on circuit overseer Edna's

976

00:55:27,849 --> 00:55:23,720

corista legit bar BTW of near a

977

00:55:29,890 --> 00:55:27,859

temperatura ayats a valid the signal

978

00:55:38,410 --> 00:55:29,900

Domata know someone should stay Jenny

979

00:55:41,500 --> 00:55:38,420

gyh stone it's possible most nights

980

00:55:44,380 --> 00:55:41,510

night and I got the machete linat well

981

00:55:47,829 --> 00:55:44,390

and on this note we're going to wish our

982

00:55:50,650 --> 00:55:47,839

costs one as an austere has good flight

983

00:55:53,260 --> 00:55:50,660

and the backup crew will prepare for

984

00:55:55,950 --> 00:55:53,270

their main flight thank you let's thank

985

00:55:59,890 --> 00:55:55,960

the crew for all the work we have done

986

00:56:21,959 --> 00:55:59,900

together the main crew please pose for

987

00:56:25,749 --> 00:56:23,949

aleksandra girish was Maserati some

988

00:56:27,849 --> 00:56:25,759

stereos know alexandria this you were

989

00:56:45,120 --> 00:56:27,859

called the most serious member of the

990

00:56:52,740 --> 00:56:47,940

I see what I see you thank you thank you