



Андрэ КАУПЕРС

1
00:00:12,820 --> 00:00:09,470
like to start our press conference of

2
00:00:17,300 --> 00:00:12,830
the tram and the backup crews

3
00:00:19,460 --> 00:00:17,310
explanation 30 31 and prior to that i

4
00:00:23,179 --> 00:00:19,470
would like to let you know about the

5
00:00:26,990 --> 00:00:23,189
results of their commission the

6
00:00:31,160 --> 00:00:27,000
commission confirmed they both crews the

7
00:00:35,900 --> 00:00:31,170
prime crew consists of the commander of

8
00:00:38,329 --> 00:00:35,910
the transport vehicle so use and of the

9
00:00:42,320 --> 00:00:38,339
commander of expedition 31 oleg

10
00:00:44,630 --> 00:00:42,330
kononenko flight engineer ISS and the

11
00:00:47,479 --> 00:00:44,640
service vehicle from the european space

12
00:00:49,880 --> 00:00:47,489
agency android cultures and flight

13
00:00:55,009 --> 00:00:49,890

engineer two of the transport vehicle so

14

00:01:00,640 --> 00:00:55,019

use and of the ISS not old pattern the

15

00:01:02,810 --> 00:01:00,650

backup crew as a flight engineer of the

16

00:01:06,230 --> 00:01:02,820

transport vehicle sales and other

17

00:01:08,720 --> 00:01:06,240

senator Williams akihiko yoshida who is

18

00:01:14,960 --> 00:01:08,730

also flight engineer and germany local

19

00:01:17,510 --> 00:01:14,970

commander also survey a critical of the

20

00:01:19,580 --> 00:01:17,520

director of the training center second

21

00:01:23,590 --> 00:01:19,590

part in our press conference and i would

22

00:01:29,930 --> 00:01:26,620

congratulations on a successful

23

00:01:31,310 --> 00:01:29,940

examination session and the first a

24

00:01:35,600 --> 00:01:31,320

question that they have is regarding

25

00:01:38,960 --> 00:01:35,610

your call sign very simple the moon we'd

26

00:01:41,899 --> 00:01:38,970

like to learn how we chose it and the

27

00:01:44,149 --> 00:01:41,909

second question is what what does this

28

00:01:46,130 --> 00:01:44,159

indicate sure you're going to have what

29

00:01:48,440 --> 00:01:46,140

toy you have and what else you would

30

00:01:54,590 --> 00:01:48,450

like to take with you on board all

31

00:01:57,320 --> 00:01:54,600

tourists is our call sign would like to

32

00:01:59,710 --> 00:01:57,330

try the other microphone for someone

33

00:02:01,800 --> 00:01:59,720

honest I'm terrace is our call sign

34

00:02:03,910 --> 00:02:01,810

approaches

35

00:02:05,980 --> 00:02:03,920

and you can read this in the

36

00:02:13,510 --> 00:02:05,990

encyclopedia this is a very bright star

37

00:02:18,130 --> 00:02:13,520

in the Scorpion constellation normally

38

00:02:19,540 --> 00:02:18,140

cosmos so choose call science among

39

00:02:21,490 --> 00:02:19,550

themes of different stars or

40

00:02:24,220 --> 00:02:21,500

constellations and I just follow this

41

00:02:28,630 --> 00:02:24,230

tradition as a regarding our wordless

42

00:02:31,740 --> 00:02:28,640

nose indicator I don't know my children

43

00:02:36,310 --> 00:02:31,750

are already old enough eight years old

44

00:02:41,500 --> 00:02:36,320

so I didn't ask them there are many

45

00:02:43,810 --> 00:02:41,510

other ways to get a toy as regards to

46

00:02:47,440 --> 00:02:43,820

personal items it's again all the

47

00:02:55,840 --> 00:02:47,450

traditional photos some souvenirs stuff

48

00:03:01,060 --> 00:02:55,850

up s Mahatma Manoa veggie okay no at the

49

00:03:03,730 --> 00:03:01,070

shared lab to guide ok lu de la manana

50

00:03:07,420 --> 00:03:03,740

we have several items they come from

51

00:03:10,750 --> 00:03:07,430

different people we Justin will a

52

00:03:21,270 --> 00:03:10,760

photographic I have photos of my family

53

00:03:25,660 --> 00:03:21,280

with me yeah yes now busty talisman

54

00:03:30,400 --> 00:03:25,670

Romania and at the boy a keeper and the

55

00:03:34,840 --> 00:03:30,410

main talisman for mayor is my crew my

56

00:03:38,500 --> 00:03:34,850

mementos the talisman are all electronic

57

00:03:41,020 --> 00:03:38,510

which saw electronic images it paints a

58

00:03:43,390 --> 00:03:41,030

family and friends and I think this is

59

00:03:47,500 --> 00:03:43,400

important this is a fitting for the

60

00:03:51,210 --> 00:03:47,510

Space Age to have electroni talisman I

61

00:03:53,380 --> 00:03:51,220

think across from a question for all leg

62

00:03:58,020 --> 00:03:53,390

everybody knows that this is your second

63

00:04:01,530 --> 00:03:58,030

flight where are there any rate erations

64

00:04:04,759 --> 00:04:01,540

the applications in your training

65

00:04:10,229 --> 00:04:04,769

well each training is always different

66

00:04:14,160 --> 00:04:10,239

does a i have a new position on my crew

67

00:04:17,550 --> 00:04:14,170

have new members nuclear members new

68

00:04:19,770 --> 00:04:17,560

friends so each training is a separate

69

00:04:22,020 --> 00:04:19,780

and individual it's really difficult to

70

00:04:24,300 --> 00:04:22,030

compare it to for this training some

71

00:04:29,279 --> 00:04:24,310

things can be compared but most cannot

72

00:04:31,650 --> 00:04:29,289

know if somebody's done with science no

73

00:04:34,140 --> 00:04:31,660

smoking no mic yet ll full chest touch

74

00:04:39,300 --> 00:04:34,150

them worked up valuable well that's just

75

00:04:41,969 --> 00:04:39,310

that you tried to get into your shows

76

00:04:44,570 --> 00:04:41,979

last time yesterday and during a

77

00:04:46,860 --> 00:04:44,580

previous training during New York

78

00:04:52,379 --> 00:04:46,870

breather City the same on the same day

79

00:04:55,980 --> 00:04:52,389

now it was actually on april eighth so i

80

00:04:58,529 --> 00:04:55,990

think that's really repetition as a

81

00:05:03,719 --> 00:04:58,539

mother of knowledge that's the progress

82

00:05:07,649 --> 00:05:03,729

we have i can only put it like this it's

83

00:05:10,680 --> 00:05:07,659

a has a first time flying into space a

84

00:05:13,529 --> 00:05:10,690

second time and I believe that arrow

85

00:05:15,360 --> 00:05:13,539

border will agree that were flown that

86

00:05:16,950 --> 00:05:15,370

the second flat is really different from

87

00:05:19,620 --> 00:05:16,960

the first run maybe the third or the

88

00:05:21,870 --> 00:05:19,630

fourth would be closer to the previous

89

00:05:24,149 --> 00:05:21,880

flights one and two but the second is

90

00:05:27,560 --> 00:05:24,159

really different it's really new

91

00:05:31,860 --> 00:05:27,570

experience and you have already flown

92

00:05:34,170 --> 00:05:31,870

you judge by yo experience whereas when

93

00:05:37,620 --> 00:05:34,180

you fly for the first time you take

94

00:05:43,050 --> 00:05:37,630

whatever been told to you by your by

95

00:05:46,080 --> 00:05:43,060

those who are most parents on you so to

96

00:05:48,390 --> 00:05:46,090

do what I can say is that when you flow

97

00:05:50,760 --> 00:05:48,400

a second time when everybody treats you

98

00:05:52,939 --> 00:05:50,770

as an experienced cosmonaut it's really

99

00:05:55,800 --> 00:05:52,949

different with Lulu movies

100

00:05:59,249 --> 00:05:55,810

delicious probably even more difficult

101
00:06:01,890 --> 00:05:59,259
to perform the tasks because you're

102
00:06:03,659 --> 00:06:01,900
already treated as an experienced crew

103
00:06:07,770 --> 00:06:03,669
man but I think you're a will agree and

104
00:06:10,200 --> 00:06:07,780
confirm I think the second flight is

105
00:06:13,830 --> 00:06:10,210
different from the first one by agar to

106
00:06:15,060 --> 00:06:13,840
load of responsibility using and that's

107
00:06:17,850 --> 00:06:15,070
why I have this phone smell because

108
00:06:21,120 --> 00:06:17,860
you've flown for a second time so even

109
00:06:24,870 --> 00:06:21,130
though this vehicle is a new one it's

110
00:06:27,240 --> 00:06:24,880
only the third flight of the vehicle of

111
00:06:28,950 --> 00:06:27,250
the new series but still we trust their

112
00:06:33,110 --> 00:06:28,960
confidence we trust the knowledge to

113
00:06:37,560 --> 00:06:35,339

Ekaterina blah blah so from assist k

114

00:06:40,140 --> 00:06:37,570

cosmos I would like to graduate you on

115

00:06:43,200 --> 00:06:40,150

the beginning of our work once again i

116

00:06:45,480 --> 00:06:43,210

will look at your program it's very

117

00:06:48,210 --> 00:06:45,490

interesting there will be different

118

00:06:51,749 --> 00:06:48,220

cargo vehicles approaching the ISS or

119

00:06:54,450 --> 00:06:51,759

pn1 the US won the japanese one yahoo

120

00:06:57,420 --> 00:06:54,460

and could you say the words about your

121

00:07:01,230 --> 00:06:57,430

scientific work up there about your

122

00:07:05,219 --> 00:07:01,240

extra vehicle activity a spacewalk they

123

00:07:10,950 --> 00:07:05,229

work with manipulators all that kind of

124

00:07:13,310 --> 00:07:10,960

stuff well originally I think about nine

125

00:07:16,529 --> 00:07:13,320

cargo vehicles were planned for our

126

00:07:20,129 --> 00:07:16,539

expedition then the flight program was

127

00:07:24,659 --> 00:07:20,139

modified so it's a bit fewer now we have

128

00:07:27,670 --> 00:07:24,669

a TV we have the progress vehicle

129

00:07:31,690 --> 00:07:27,680

so for the Russian side we use the

130

00:07:33,520 --> 00:07:31,700

traditional Russian modes of docking as

131

00:07:37,420 --> 00:07:33,530

regards the West segment you expect two

132

00:07:43,000 --> 00:07:37,430

new cargo vehicles to come space X and

133

00:07:46,090 --> 00:07:43,010

Dragon and this docking also they done

134

00:07:50,560 --> 00:07:46,100

the traditional way that is by the u.s.

135

00:07:54,970 --> 00:07:50,570

manipulate the SS rms souvenirs cargo

136

00:07:57,300 --> 00:07:54,980

vehicle the HTV or will not probably see

137

00:08:00,760 --> 00:07:57,310

it prep the current flight program

138

00:08:03,909 --> 00:08:00,770

regarding the Russian spacewalk all

139

00:08:07,060 --> 00:08:03,919

Russian it is what they're called they

140

00:08:12,129 --> 00:08:07,070

are really difficult in the technical

141

00:08:15,909 --> 00:08:12,139

aspects what will be tasked where there

142

00:08:27,219 --> 00:08:15,919

will be supposed to move for the car go

143

00:08:31,110 --> 00:08:27,229

boom strela from 1.2 mm 2 and this will

144

00:08:34,810 --> 00:08:31,120

probably take a long time it's a really

145

00:08:37,060 --> 00:08:34,820

complex task then those are supposed to

146

00:08:40,690 --> 00:08:37,070

perform some work with their panels and

147

00:08:43,089 --> 00:08:40,700

if we still have time we'll have two

148

00:08:49,050 --> 00:08:43,099

additional scientific experiments this

149

00:08:52,780 --> 00:08:49,060

is the nas levels and tests and also

150

00:08:55,540 --> 00:08:52,790

adding some additional installations so

151
00:09:01,930 --> 00:08:55,550
that we can egress the docking

152
00:09:10,570 --> 00:09:05,740
what about the launch of certain device

153
00:09:14,000 --> 00:09:10,580
yes Anton and I had this training done

154
00:09:18,200 --> 00:09:14,010
so we will do this part of our

155
00:09:22,150 --> 00:09:18,210
scientific work then we have 35

156
00:09:25,930 --> 00:09:22,160
experiments as part of expedition 30 and

157
00:09:27,920 --> 00:09:25,940
70 something as part of expedition 31

158
00:09:30,500 --> 00:09:27,930
there was something new there is

159
00:09:32,510 --> 00:09:30,510
something that I did before when I was

160
00:09:34,250 --> 00:09:32,520
member of my previous expedition that

161
00:09:38,240 --> 00:09:34,260
everything is quite interesting and

162
00:09:45,440 --> 00:09:38,250
exciting thank you yeah we are this is

163
00:09:47,720 --> 00:09:45,450

just missing some local you're busy we

164

00:09:58,010 --> 00:09:47,730

have a lot of experiments European

165

00:10:00,620 --> 00:09:58,020

Japanese Canadian yes of course medical

166

00:10:04,930 --> 00:10:00,630

experiments sermons in the field of

167

00:10:10,720 --> 00:10:04,940

physics different types experiments

168

00:10:16,430 --> 00:10:10,730

vaniqa working European experiments she

169

00:10:24,650 --> 00:10:16,440

said yeah delicious that is our future

170

00:10:29,750 --> 00:10:24,660

is abortion cuz i would like to do what

171

00:10:34,390 --> 00:10:29,760

we can and see how it all goes yeah they

172

00:10:44,620 --> 00:10:34,400

sure to get the car back

173

00:10:45,760 --> 00:10:44,630

and everything will go as planned of

174

00:10:50,080 --> 00:10:45,770

course that's difficult to perform

175

00:10:51,810 --> 00:10:50,090

experiments onboard the station but this

176
00:10:57,280 --> 00:10:51,820
is something about trained to do and

177
00:11:00,700 --> 00:10:57,290
folk do this okay and we'll have it the

178
00:11:04,210 --> 00:11:00,710
way we want it so many experiments on

179
00:11:07,240 --> 00:11:04,220
Space Station choosing your favorite is

180
00:11:09,700 --> 00:11:07,250
like taking a chocolate from a box

181
00:11:13,180 --> 00:11:09,710
trying to figure out which one is your

182
00:11:16,570 --> 00:11:13,190
head breath let me talk about my

183
00:11:19,540 --> 00:11:16,580
favorite russian experiment it happens

184
00:11:23,460 --> 00:11:19,550
to be plasma Cristal this is an

185
00:11:25,990 --> 00:11:23,470
experiment that uses macroscopic scale

186
00:11:28,390 --> 00:11:26,000
dynamics things that happen on a

187
00:11:33,070 --> 00:11:28,400
millimeter length scale in a weightless

188
00:11:36,100 --> 00:11:33,080

environment to help show what goes on on

189

00:11:38,140 --> 00:11:36,110

the molecular scale in a plasma it's a

190

00:11:40,950 --> 00:11:38,150

fascinating experiment and I look

191

00:11:43,690 --> 00:11:40,960

forward to seeing it again on citation

192

00:11:45,910 --> 00:11:43,700

there's another experiment that i really

193

00:11:49,480 --> 00:11:45,920

like i just learned about it a few days

194

00:11:53,500 --> 00:11:49,490

ago it's called in oregon and this

195

00:11:55,750 --> 00:11:53,510

experiment has a spectrometer that looks

196

00:11:58,780 --> 00:11:55,760

at spectra from earth at the same time

197

00:12:01,990 --> 00:11:58,790

it takes an actual two-dimensional

198

00:12:05,460 --> 00:12:02,000

picture and it shows wavelengths from

199

00:12:08,350 --> 00:12:05,470

the ultraviolet into the mid-range

200

00:12:13,120 --> 00:12:08,360

infrared another fascinating piece of

201
00:12:14,870 --> 00:12:13,130
equipment on behalf of ESO with a

202
00:12:18,230 --> 00:12:14,880
question for Andre if you can

203
00:12:20,870 --> 00:12:18,240
english and dutch just seven month after

204
00:12:22,880 --> 00:12:20,880
paolo nespoli returned to Earth Europe

205
00:12:25,460 --> 00:12:22,890
returns a presence to the International

206
00:12:27,230 --> 00:12:25,470
Space Station what is the importance of

207
00:12:37,870 --> 00:12:27,240
this increment for Europe and for your

208
00:12:52,550 --> 00:12:41,420
kindly ask you to ask the questions in

209
00:12:57,530 --> 00:12:52,560
English so she just for Sir Thomas Rica

210
00:13:00,730 --> 00:12:57,540
for you at all so now after paolo

211
00:13:04,340 --> 00:13:00,740
nespoli just lazy flew in their

212
00:13:07,420 --> 00:13:04,350
spring/summer time frame you have our

213
00:13:10,580 --> 00:13:07,430

next European crew onboard the station

214

00:13:13,910 --> 00:13:10,590

and you asked why this is important for

215

00:13:16,640 --> 00:13:13,920

the European Space Agency it's very

216

00:13:20,390 --> 00:13:16,650

pleased that ISA who is a small partner

217

00:13:24,260 --> 00:13:20,400

in the International Space Station group

218

00:13:32,420 --> 00:13:24,270

say it has more or less one long

219

00:13:43,769 --> 00:13:40,079

and I'm glad I fill in the sock for for

220

00:13:45,180 --> 00:13:43,779

this year it's a fun Cohen program that

221

00:13:48,510 --> 00:13:45,190

we have of course with a lot of

222

00:13:53,190 --> 00:13:48,520

experiments are waiting to be performed

223

00:13:57,540 --> 00:13:53,200

on board and I'm very pleased that we as

224

00:14:01,100 --> 00:13:57,550

a small partner from the police modesto

225

00:14:05,940 --> 00:14:01,110

space station can participate this level

226

00:14:09,150 --> 00:14:05,950

in fantastic scientific effort for yeah

227

00:14:12,030 --> 00:14:09,160

this is to be a la Magra navel of us on

228

00:14:14,490 --> 00:14:12,040

the day of an Asia flight 11 Asia and

229

00:14:17,090 --> 00:14:14,500

Asia and he'll claim under Dale front

230

00:14:20,550 --> 00:14:17,100

international attention from the semi

231

00:14:25,050 --> 00:14:20,560

salivating miracles of Canada upon in

232

00:14:27,329 --> 00:14:25,060

robot that I the most i've ever owned LG

233

00:14:31,550 --> 00:14:27,339

Oscar Oh Fionna and soon on the boat

234

00:14:34,800 --> 00:14:31,560

Stephen and Delta microphone into the

235

00:14:37,410 --> 00:14:34,810

developers project was a mid-segment

236

00:14:39,810 --> 00:14:37,420

haven no the cotton tip in England

237

00:14:42,090 --> 00:14:39,820

eidetic daylight come back from urban

238

00:14:46,410 --> 00:14:42,100

plantation money and

239

00:14:49,139 --> 00:14:46,420

for same alpha beta and OTR made my bait

240

00:14:54,150 --> 00:14:49,149

shop worker deficit the Vatican moon for

241

00:14:56,490 --> 00:14:54,160

four hours to a question for Don Pettit

242

00:14:58,199 --> 00:14:56,500

for NASA TV on what are your thoughts

243

00:14:59,850 --> 00:14:58,209

are returning to the space station for

244

00:15:01,189 --> 00:14:59,860

the third time and at a time when you

245

00:15:04,699 --> 00:15:01,199

can make significant scientific

246

00:15:07,920 --> 00:15:04,709

contributions to the research onboard

247

00:15:11,249 --> 00:15:07,930

scientific advancements are such that to

248

00:15:14,280 --> 00:15:11,259

make significant steps takes long

249

00:15:16,499 --> 00:15:14,290

periods of time with the word of any

250

00:15:19,680 --> 00:15:16,509

individual being a small part that's

251
00:15:22,439 --> 00:15:19,690
added to the work of many others so as

252
00:15:25,110 --> 00:15:22,449
such what we do on Space Station this

253
00:15:29,900 --> 00:15:25,120
mission we will know what the outcome is

254
00:15:32,519 --> 00:15:29,910
maybe at five years in terms of

255
00:15:36,360 --> 00:15:32,529
familiarity with the third time going

256
00:15:39,960 --> 00:15:36,370
back to space station it's sort of like

257
00:15:42,569 --> 00:15:39,970
going on the third date with your the

258
00:15:44,790 --> 00:15:42,579
woman that becomes your wife there's

259
00:15:46,259 --> 00:15:44,800
certain things that are familiar but

260
00:15:56,850 --> 00:15:46,269
then there's a whole lot that's still

261
00:15:58,350 --> 00:15:56,860
unknown one more question please you've

262
00:16:01,410 --> 00:15:58,360
been working together for quite a long

263
00:16:03,389 --> 00:16:01,420

time so I think you know each other well

264

00:16:07,050 --> 00:16:03,399

enough and now we are going to spend

265

00:16:10,620 --> 00:16:07,060

significant amount of time in space what

266

00:16:13,769 --> 00:16:10,630

can you say about each other what

267

00:16:16,740 --> 00:16:13,779

qualities what a creative character can

268

00:16:20,309 --> 00:16:16,750

help you to perform this web successful

269

00:16:21,900 --> 00:16:20,319

during such a long amount of time yes

270

00:16:25,499 --> 00:16:21,910

I've been training for approximately two

271

00:16:33,420 --> 00:16:25,509

years and we really know each other very

272

00:16:36,629 --> 00:16:33,430

well and I'd like to say that both my

273

00:16:39,660 --> 00:16:36,639

crewmates have very experienced and very

274

00:16:41,939 --> 00:16:39,670

professional people they know a lot it's

275

00:16:46,069 --> 00:16:41,949

always interesting with them they're

276

00:16:53,759 --> 00:16:51,139

and we always find topics for discussion

277

00:17:00,540 --> 00:16:53,769

so I'm birla had to that I fought with

278

00:17:03,059 --> 00:17:00,550

them cool I'm very glad to to be a

279

00:17:08,610 --> 00:17:03,069

member of this crew what's your mother

280

00:17:10,799 --> 00:17:08,620

the commander's excellent villa to

281

00:17:13,519 --> 00:17:10,809

blame chica okay well it's also

282

00:17:22,110 --> 00:17:13,529

important that we never blame each other

283

00:17:24,179 --> 00:17:22,120

he he met with the book yes that's right

284

00:17:29,850 --> 00:17:24,189

all we have always a comfortable

285

00:17:33,799 --> 00:17:29,860

environment to work and especially me

286

00:17:37,830 --> 00:17:33,809

javi and aunt ona zee also heard as a

287

00:17:46,200 --> 00:17:37,840

very intelligent person as well i might

288

00:17:48,830 --> 00:17:46,210

even say his genius the way what is good

289

00:17:52,680 --> 00:17:48,840

money and i like the way here thanks

290

00:17:58,200 --> 00:17:52,690

that's very interesting the Caracas area

291

00:18:00,060 --> 00:17:58,210

says alligator Dodos be lean and Frank

292

00:18:04,440 --> 00:18:00,070

expecting two months is a short third of

293

00:18:09,240 --> 00:18:04,450

time but I was same long and Andre with

294

00:18:12,810 --> 00:18:09,250

one important word and ask patients they

295

00:18:15,860 --> 00:18:12,820

have patients that allows us to work

296

00:18:20,549 --> 00:18:15,870

together as a team as a crew to get

297

00:18:25,769 --> 00:18:20,559

commissioned work done no questions

298

00:18:28,540 --> 00:18:25,779

please do movie where wonder who ever a

299

00:18:35,110 --> 00:18:32,320

and Ray is certified for the service

300

00:18:39,280 --> 00:18:35,120

vehicle but this time you fly on the

301
00:18:41,350 --> 00:18:39,290
stories of a new series so I would love

302
00:18:43,660 --> 00:18:41,360
to ask you what feelings you had been

303
00:18:48,940 --> 00:18:43,670
preparing on this for this new type of

304
00:18:51,990 --> 00:18:48,950
the vehicle room and next your first

305
00:18:54,790 --> 00:18:52,000
experience on this vehicle was a

306
00:18:59,110 --> 00:18:54,800
somewhat challenging weather than

307
00:19:01,060 --> 00:18:59,120
searching for you for several hours and

308
00:19:04,360 --> 00:19:01,070
now you start training again on the

309
00:19:06,910 --> 00:19:04,370
search vehicle and modernized vehicle

310
00:19:12,210 --> 00:19:06,920
and rest of the day one a future

311
00:19:15,940 --> 00:19:12,220
commander had two children of his own I

312
00:19:19,960 --> 00:19:15,950
like the Soyuz and I flew on this is TM

313
00:19:23,710 --> 00:19:19,970

a3 and team at four so they were below

314

00:19:28,590 --> 00:19:23,720

fortune cookie and so is tma was very

315

00:19:32,850 --> 00:19:28,600

good and this new server is 700 plus

316

00:19:37,690 --> 00:19:32,860

it's a significant step forward as well

317

00:19:41,050 --> 00:19:37,700

computer it's better new computers not a

318

00:19:45,310 --> 00:19:41,060

daily admission so we do must be damn IM

319

00:19:49,000 --> 00:19:45,320

we exist as we move forward but try to

320

00:19:51,700 --> 00:19:49,010

do less so i think that TM am may even

321

00:19:53,920 --> 00:19:51,710

the BET and disrespect watching her

322

00:19:58,980 --> 00:19:53,930

figure out as the cars vehicles already

323

00:20:02,890 --> 00:19:58,990

modernized it so you is progressive and

324

00:20:06,550 --> 00:20:02,900

I really enjoy financial uses as it rose

325

00:20:11,010 --> 00:20:06,560

this show Buddha normal'no everything

326

00:20:13,570 --> 00:20:11,020

little bit fine this time yes electronic

327

00:20:17,440 --> 00:20:13,580

because i have an electron and

328

00:20:32,749 --> 00:20:29,090

first is your questions players friday's

329

00:20:35,269 --> 00:20:32,759

press conference ahead two exams very

330

00:20:36,680 --> 00:20:35,279

specific task and a specific task which

331

00:20:42,759 --> 00:20:36,690

were especially challenging especially

332

00:20:47,899 --> 00:20:42,769

difficult and how it all turned out well

333

00:20:51,049 --> 00:20:47,909

it's redic two big exams one simulating

334

00:20:54,230 --> 00:20:51,059

the usual day onboard the station and

335

00:20:57,499 --> 00:20:54,240

the second day is training on our show

336

00:21:03,470 --> 00:20:57,509

us transport vehicle it takes all day as

337

00:21:06,919 --> 00:21:03,480

well so we simulate all the activities

338

00:21:11,029 --> 00:21:06,929

on board the Soyuz from launch to this

339

00:21:13,539 --> 00:21:11,039

end and as far as the day on the ISS Bob

340

00:21:16,820 --> 00:21:13,549

can prepare for this in advance so we

341

00:21:19,840 --> 00:21:16,830

look forward to whichever equipment

342

00:21:23,210 --> 00:21:19,850

replacements we're going to have how

343

00:21:26,180 --> 00:21:23,220

this today will turn out at the same

344

00:21:28,039 --> 00:21:26,190

time it is also filled with the off

345

00:21:31,850 --> 00:21:28,049

normal situations and we don't know

346

00:21:35,720 --> 00:21:31,860

about them in advance so this day's

347

00:21:38,629 --> 00:21:35,730

really packed for onboard the station

348

00:21:41,450 --> 00:21:38,639

that we had about five of normal

349

00:21:44,239 --> 00:21:41,460

situations web support system failures

350

00:21:48,019 --> 00:21:44,249

or failures in some scented expect soup

351
00:21:49,940 --> 00:21:48,029
and failures of the equipment itself of

352
00:21:54,739 --> 00:21:49,950
the station equipment and had a

353
00:21:58,249 --> 00:21:54,749
depressed case the overall grade was

354
00:22:00,560 --> 00:21:58,259
excellent no remarks the second day was

355
00:22:03,289 --> 00:22:00,570
a training in our transport vehicle in

356
00:22:05,239 --> 00:22:03,299
the Soyuz we performed a maneuver we

357
00:22:08,269 --> 00:22:05,249
docked and then we made the descent and

358
00:22:13,060 --> 00:22:08,279
landed on the head around six of nano

359
00:22:16,360 --> 00:22:13,070
situations than communication problems

360
00:22:18,610 --> 00:22:16,370
a fella in service in equipment went to

361
00:22:24,029 --> 00:22:18,620
form a dynamic operations and a fire

362
00:22:28,090 --> 00:22:24,039
case and our grade was four decimal 8

363
00:22:30,700 --> 00:22:28,100

Prince fishing you personally 30 what I

364

00:22:33,999 --> 00:22:30,710

can add is that this is exactly why we

365

00:22:35,769 --> 00:22:34,009

have these exams in order to create

366

00:22:38,440 --> 00:22:35,779

challenges and problems for the crew to

367

00:22:40,149 --> 00:22:38,450

overcome them and the main part of the

368

00:22:43,720 --> 00:22:40,159

preparation is preparation for off

369

00:22:45,340 --> 00:22:43,730

normal situations so the main task or

370

00:22:47,440 --> 00:22:45,350

the crew is not only to deal with this

371

00:22:50,019 --> 00:22:47,450

off non-stretch was recognized at the

372

00:22:51,879 --> 00:22:50,029

reason optimal situation govern on fee

373

00:22:53,950 --> 00:22:51,889

and as you said at the beginning of the

374

00:22:57,669 --> 00:22:53,960

press conference both crews went through

375

00:22:59,529 --> 00:22:57,679

these exams and will continue their

376

00:23:02,980 --> 00:22:59,539

preparation the final stage at the

377

00:23:08,080 --> 00:23:02,990

Baikonur cosmodrome solutions so why was

378

00:23:10,960 --> 00:23:08,090

it 4.8 and not 5.0 4.8 because the

379

00:23:12,970 --> 00:23:10,970

Commission has a special list and each

380

00:23:17,680 --> 00:23:12,980

activity we do everything we do is

381

00:23:22,149 --> 00:23:17,690

evaluated pro this list there was no

382

00:23:24,129 --> 00:23:22,159

major no major impact suggests that

383

00:23:28,570 --> 00:23:24,139

where there were some comments regarding

384

00:23:31,690 --> 00:23:28,580

our actions that evaluated the overall

385

00:23:35,860 --> 00:23:31,700

results and imma add on my part at 4.8

386

00:23:37,480 --> 00:23:35,870

is a really good great to listen to you

387

00:23:40,600 --> 00:23:37,490

and again I'd like to a trade there's

388

00:23:45,039 --> 00:23:40,610

obstacles are created on purpose it's a

389

00:23:47,220 --> 00:23:45,049

review the present so this is the way it

390

00:23:50,049 --> 00:23:47,230

is done and it's intentional again that

391

00:23:51,789 --> 00:23:50,059

one-half percent converge really never

392

00:23:57,460 --> 00:23:51,799

be achieved otherwise you'd eventually

393

00:24:00,999 --> 00:23:57,470

see well I can set example say you work

394

00:24:04,509 --> 00:24:01,009

with a panel you push a button it's a

395

00:24:07,539 --> 00:24:04,519

wrong action but it doesn't bring about

396

00:24:09,490 --> 00:24:07,549

any consequence at all so this made

397

00:24:13,450 --> 00:24:09,500

their small- on the list of our

398

00:24:17,629 --> 00:24:13,460

Commission and this is something better

399

00:24:22,279 --> 00:24:17,639

Commission can comment on afterwards

400

00:24:24,799 --> 00:24:22,289

a question for all egg I know that you

401
00:24:28,389 --> 00:24:24,809
are going to take a musical instrument

402
00:24:32,739 --> 00:24:28,399
from EA co-chair on board to the station

403
00:24:35,389 --> 00:24:32,749
will this be a souvenir for you or what

404
00:24:38,060 --> 00:24:35,399
well in a some time ago an official

405
00:24:40,579 --> 00:24:38,070
delegation from Yokota came to us and

406
00:24:43,669 --> 00:24:40,589
they wanted to have one instrument

407
00:24:47,509 --> 00:24:43,679
musical instrument with head which show

408
00:24:50,959 --> 00:24:47,519
was up on the station be present at

409
00:24:53,509 --> 00:24:50,969
their Museum of space flight and the

410
00:24:58,310 --> 00:24:53,519
museum will have its anniversary of the

411
00:24:59,959 --> 00:24:58,320
coming year so we wanted me to take this

412
00:25:04,609 --> 00:24:59,969
instrument onboard the station it's

413
00:25:09,859 --> 00:25:04,619

rather huge it's 90 grams and I took it

414

00:25:12,919 --> 00:25:09,869

as one of my personal items and I was

415

00:25:18,409 --> 00:25:12,929

also given certain lessons as to how to

416

00:25:21,019 --> 00:25:18,419

play it and I'll see how it goes Yakutia

417

00:25:27,440 --> 00:25:21,029

is one of the National August making up

418

00:25:32,529 --> 00:25:27,450

Russia so why not question the for

419

00:25:35,810 --> 00:25:32,539

Sergei krikalev we should maybe

420

00:25:39,200 --> 00:25:35,820

now again our government to have six

421

00:25:41,629 --> 00:25:39,210

people on board the station how would

422

00:25:45,529 --> 00:25:41,639

you evaluate the work of cosmonauts

423

00:25:48,139 --> 00:25:45,539

during this past year how this past year

424

00:25:51,200 --> 00:25:48,149

in general worked out for you because

425

00:25:53,539 --> 00:25:51,210

when Griffin go to keep increasing well

426

00:25:56,779 --> 00:25:53,549

if you want me to deviate from this

427

00:25:59,570 --> 00:25:56,789

impending flight and the current crew I

428

00:26:02,889 --> 00:25:59,580

can say that yes indeed in the middle of

429

00:26:06,379 --> 00:26:02,899

the year we had certain events that made

430

00:26:10,460 --> 00:26:06,389

changes in the flight program the launch

431

00:26:13,399 --> 00:26:10,470

was delayed till November and this was

432

00:26:16,430 --> 00:26:13,409

done intentionally so that we make sure

433

00:26:19,489 --> 00:26:16,440

that the flight will they safe and though

434

00:26:23,149 --> 00:26:19,499

they're reliable because over and once

435

00:26:26,090 --> 00:26:23,159

again the system showed that it was room

436

00:26:28,940 --> 00:26:26,100

fully reliable and despite they changed

437

00:26:34,549 --> 00:26:28,950

the flight program all the tasks were

438

00:26:37,279 --> 00:26:34,559

completed very well and Sergei Volkov

439

00:26:40,009 --> 00:26:37,289

had to end all his tasks alone border

440

00:26:43,009 --> 00:26:40,019

station but thanks to the resources the

441

00:26:46,190 --> 00:26:43,019

system has everything continued

442

00:26:49,279 --> 00:26:46,200

nominally in sixth of it and now that

443

00:26:51,680 --> 00:26:49,289

this crew launches we go back to our

444

00:26:55,399 --> 00:26:51,690

usual time line with six crew members

445

00:26:57,680 --> 00:26:55,409

present on board so yes the system the

446

00:27:00,859 --> 00:26:57,690

overall system experienced additional

447

00:27:04,340 --> 00:27:00,869

workload to make sure that everything is

448

00:27:10,970 --> 00:27:04,350

safe from the point of view of piloted

449

00:27:14,389 --> 00:27:10,980

space flights and now we have flights

450

00:27:20,239 --> 00:27:14,399

that take place more frequently now have

451
00:27:23,779 --> 00:27:20,249
4 launches per year and this time we had

452
00:27:26,509 --> 00:27:23,789
them really packed together and again

453
00:27:30,430 --> 00:27:26,519
the system holds and the show that has

454
00:27:33,379 --> 00:27:30,440
internal resources so despite all the

455
00:27:36,919 --> 00:27:33,389
fluctuations it is still operating and

456
00:27:40,369 --> 00:27:36,929
everything seems to be working well what

457
00:27:42,290 --> 00:27:40,379
system do mean I mean the overall system

458
00:27:53,230 --> 00:27:42,300
of

459
00:27:58,240 --> 00:27:53,240
one vehicle one crew it's the overall

460
00:28:01,820 --> 00:27:58,250
functioning Lee the overall operation of

461
00:28:03,590 --> 00:28:01,830
the ISS concept it's not only the

462
00:28:08,300 --> 00:28:03,600
Russian part it's also international

463
00:28:10,670 --> 00:28:08,310

part because each change makes impact on

464

00:28:13,730 --> 00:28:10,680

all the other participants international

465

00:28:15,530 --> 00:28:13,740

participants etc because we do people

466

00:28:18,560 --> 00:28:15,540

and mediterranean freedom ability and

467

00:28:20,360 --> 00:28:18,570

experience shows that whichever was

468

00:28:25,370 --> 00:28:20,370

necessary to be done everything was done

469

00:28:28,220 --> 00:28:25,380

by all the partners and now as the

470

00:28:31,580 --> 00:28:28,230

overall system we go back to the

471

00:28:39,500 --> 00:28:31,590

previous level who's going to see you

472

00:28:43,610 --> 00:28:39,510

off at the Cosmodrome i well yes friends

473

00:28:45,710 --> 00:28:43,620

and family kalihi yeah and of course my

474

00:28:53,620 --> 00:28:45,720

colleagues from european space agency

475

00:29:00,650 --> 00:28:56,930

dipika and of course instructors and

476

00:29:04,070 --> 00:29:00,660

Allah specialists from GC DC and Ross

477

00:29:10,110 --> 00:29:04,080

cosmos see ya ecology family and

478

00:29:15,970 --> 00:29:12,970

I like what about you it's still been

479

00:29:20,890 --> 00:29:15,980

discussed thank you we'll see thank you

480

00:29:22,120 --> 00:29:20,900

more questions please at the end i would

481

00:29:27,460 --> 00:29:22,130

like to let you know about the

482

00:29:30,120 --> 00:29:27,470

subsequent plans so of our crew today we

483

00:29:34,720 --> 00:29:30,130

are going to visit the government's room

484

00:29:38,799 --> 00:29:34,730

the Kremlin will lay flowers for Gagarin

485

00:29:43,659 --> 00:29:38,809

and coral of tombs they'll also visit to

486

00:29:47,380 --> 00:29:43,669

the museum of our Sergei Korolev under

487

00:29:49,210 --> 00:29:47,390

this program is over for this day next

488

00:29:52,150 --> 00:29:49,220

we'll fly out to the baikonur cosmodrome

489

00:29:55,990 --> 00:29:52,160

and we'll continue the preparation at

490

00:29:59,260 --> 00:29:56,000

Baikonur and the launch is scheduled for

491

00:30:13,980 --> 00:29:59,270

december twenty second let's thank the

492

00:30:13,990 --> 00:30:58,180

oh yeah

493

00:30:58,190 --> 00:31:06,320

hey dad

494

00:31:06,330 --> 00:31:40,870

because the potion

495

00:31:40,880 --> 00:31:48,370

ok

496

00:31:48,380 --> 00:31:57,750

yeah yeah

497

00:31:57,760 --> 00:32:44,920

and soyuz 29 s no yeah

498

00:32:44,930 --> 00:33:00,150

we will be there for the ride

499

00:33:00,160 --> 00:33:14,360

you

500

00:33:14,370 --> 00:34:22,960

Oh

501
00:34:22,970 --> 00:34:41,010
what you can do

502
00:34:41,020 --> 00:35:43,790
you

503
00:35:43,800 --> 00:36:03,029
but yeah Danielle our cities

504
00:36:11,469 --> 00:36:06,459
good Oh UNC it's beautiful it takes a

505
00:36:14,650 --> 00:36:11,479
really nice room at night good joke I

506
00:36:18,099 --> 00:36:14,660
don't have Yeah right they're all there

507
00:36:25,479 --> 00:36:18,109
yeah okay see when with a basil through

508
00:36:28,089 --> 00:36:25,489
the background aw crud cv yeah if

509
00:36:37,539 --> 00:36:28,099
they're not very well is your mouth was

510
00:36:40,209 --> 00:36:37,549
so but it was so salty it is cool it's

511
00:36:42,400 --> 00:36:40,219
really a privilege to be able to be

512
00:36:45,519 --> 00:36:42,410
overcome here the sea change from this

513
00:36:49,900 --> 00:36:45,529

angle and yeah I don't think I've ever

514

00:36:52,239 --> 00:36:49,910

seen yeah other this is so this is this

515

00:36:57,130 --> 00:36:52,249

is just this is a really unusual angle

516

00:37:00,539 --> 00:36:57,140

to be able to see a month then you make

517

00:37:04,390 --> 00:37:00,549

it to see why I've decided you either

518

00:37:33,240 --> 00:37:04,400

launched in a snowstorm or come home get

519

00:37:33,250 --> 00:37:41,120

I gotta kiss owwww that's funny

520

00:37:41,130 --> 00:37:54,690

Oh Alex that Keisha let's go

521

00:37:54,700 --> 00:38:08,860

when I see

522

00:38:08,870 --> 00:38:48,180

to it

523

00:39:08,760 --> 00:38:54,099

yeah but booster tom was quick it's so

524

00:39:08,770 --> 00:39:27,010

movie

525

00:39:27,020 --> 00:39:48,650

yeah oh

526
00:39:48,660 --> 00:39:52,720
help

527
00:39:52,730 --> 00:40:22,990
oh look at that

528
00:40:41,540 --> 00:40:31,099
you

529
00:40:45,200 --> 00:40:41,550
the ceremony that's going on here today

530
00:40:47,550 --> 00:40:45,210
yeah one of the traditions are after the

531
00:40:50,850 --> 00:40:47,560
after the exams and after the committee

532
00:40:52,740 --> 00:40:50,860
that we go to the Kremlin wall the most

533
00:40:56,550 --> 00:40:52,750
important part is that that you and

534
00:41:00,960 --> 00:40:56,560
flowers with the grace of those

535
00:41:06,090 --> 00:41:00,970
cosmonauts that gave their lives kamado

536
00:41:10,350 --> 00:41:06,100
so is one and so is 11 vocal coach if'n

537
00:41:12,540 --> 00:41:10,360
dobrowolski and also a garden and coolly

538
00:41:14,820 --> 00:41:12,550

over there and is the most important

539

00:41:17,010 --> 00:41:14,830

important part and then the apart of the

540

00:41:21,000 --> 00:41:17,020

dishes that you go to the compounds of

541

00:41:23,610 --> 00:41:21,010

the Kremlin and what should the famous

542

00:41:25,680 --> 00:41:23,620

Kenan and the big Bell that's more yeah

543

00:41:27,720 --> 00:41:25,690

nice tradition it's nice to do with

544

00:41:29,040 --> 00:41:27,730

space flight but especially the

545

00:41:32,070 --> 00:41:29,050

creveling of all the flowers are very

546

00:41:36,510 --> 00:41:32,080

important and I feel that the feel that

547

00:41:38,790 --> 00:41:36,520

as well another examine and my sick

548

00:41:41,190 --> 00:41:38,800

mother the committee above I've who

549

00:41:44,970 --> 00:41:41,200

secured site for food around took the

550

00:41:52,710 --> 00:41:44,980

initiative it see um not second remand

551
00:41:56,280 --> 00:41:52,720
home Andrew it again now exams and the

552
00:41:58,680 --> 00:41:56,290
committee is it added co-owner alchemic

553
00:42:02,220 --> 00:41:58,690
on and on bluebottle a cabal crap from

554
00:42:06,060 --> 00:42:02,230
gospel out the Related cave heavy for

555
00:42:10,130 --> 00:42:06,070
the yeah food ramparts let side the male

556
00:42:13,710 --> 00:42:10,140
the phone for so is an camaro so itself

557
00:42:15,770 --> 00:42:13,720
batchoy f dobrowolski volkov and old

558
00:42:19,260 --> 00:42:15,780
Quaker from her garden and pour oil

559
00:42:22,360 --> 00:42:19,270
second throw to drain to the

560
00:42:26,320 --> 00:42:22,370
photos mission the moment and another

561
00:42:29,350 --> 00:42:26,330
ultimate i forsake my tarantula clearly

562
00:42:32,260 --> 00:42:29,360
nope by bloomberg Conan and the Bell did

563
00:42:35,500 --> 00:42:32,270

scientology day initiative an artifact

564

00:42:45,490 --> 00:42:35,510

Tamaki Marius for all the creveling

565

00:42:55,170 --> 00:42:51,450

you

566

00:42:57,220 --> 00:42:55,180

International Space Station about

567

00:42:58,930 --> 00:42:57,230

Christmas what are your thoughts on

568

00:43:02,859 --> 00:42:58,940

going away from home for the holidays

569

00:43:05,640 --> 00:43:02,869

what are your holiday well if you are an

570

00:43:08,380 --> 00:43:05,650

explorer being gone for family holidays

571

00:43:12,870 --> 00:43:08,390

is just something that comes with the

572

00:43:16,630 --> 00:43:12,880

territory and I've been gone for a

573

00:43:19,059 --> 00:43:16,640

number of Christmas is now in Antarctica

574

00:43:21,370 --> 00:43:19,069

the exploration season is in southern

575

00:43:23,799 --> 00:43:21,380

hemisphere winter time which is right

576

00:43:26,349 --> 00:43:23,809

through Thanksgiving and Christmas in

577

00:43:28,299 --> 00:43:26,359

New Year's and if you want to be an

578

00:43:30,400 --> 00:43:28,309

explorer in that part of the territory

579

00:43:33,430 --> 00:43:30,410

your by definition you're going to be

580

00:43:37,809 --> 00:43:33,440

gone this will be the second time I've

581

00:43:43,720 --> 00:43:37,819

spent on Christmas in a New Year's and a

582

00:43:45,549 --> 00:43:43,730

Thanksgiving on Space Station and and so