



1
00:00:10,470 --> 00:00:07,909
mr chairman of the state committee the

2
00:00:12,150 --> 00:00:10,480
crew is ready for the examination

3
00:00:14,310 --> 00:00:12,160
thank you thank you very much for the

4
00:00:16,710 --> 00:00:14,320
yesterday's examination

5
00:00:19,670 --> 00:00:16,720
everything went very well so do you have

6
00:00:26,630 --> 00:00:19,680
any recommendations for us today

7
00:00:30,470 --> 00:00:28,790
it doesn't matter for your crew which

8
00:00:32,310 --> 00:00:30,480
questions we're going to ask you know

9
00:00:33,510 --> 00:00:32,320
everything

10
00:00:50,150 --> 00:00:33,520
it doesn't matter

11
00:00:58,869 --> 00:00:53,029
okay so we're ready for the examination

12
00:00:58,879 --> 00:01:13,030
is

13
00:01:16,070 --> 00:01:13,990

um

14

00:01:18,149 --> 00:01:16,080

you uh we saw you take a test card back

15

00:01:19,749 --> 00:01:18,159

there in preparation for your final exam

16

00:01:20,870 --> 00:01:19,759

with the soyuz today

17

00:01:22,390 --> 00:01:20,880

um

18

00:01:23,990 --> 00:01:22,400

what kinds of scenarios do you think

19

00:01:27,350 --> 00:01:24,000

that you might be tested for as you come

20

00:01:33,830 --> 00:01:31,590

well there's a wide variety of scenarios

21

00:01:34,870 --> 00:01:33,840

not normal situations that we could run

22

00:01:36,630 --> 00:01:34,880

into

23

00:01:38,310 --> 00:01:36,640

the good thing is that most of those

24

00:01:40,469 --> 00:01:38,320

scenarios we practice throughout our

25

00:01:48,310 --> 00:01:40,479

training flow and so we should be ready

26

00:01:53,910 --> 00:01:51,190

yes we have a question for you

27

00:01:57,270 --> 00:01:53,920

i have a question for oleg you already

28

00:01:59,270 --> 00:01:57,280

took those examinations in the past

29

00:02:00,789 --> 00:01:59,280

so my question is

30

00:02:03,270 --> 00:02:00,799

what's the difference between

31

00:02:06,469 --> 00:02:03,280

yesterday's exam and today's

32

00:02:08,790 --> 00:02:06,479

examination so yesterday we were taking

33

00:02:10,710 --> 00:02:08,800

a russian segment examination we had

34

00:02:13,430 --> 00:02:10,720

different tasks

35

00:02:15,030 --> 00:02:13,440

different scenarios different

36

00:02:16,710 --> 00:02:15,040

questions

37

00:02:19,030 --> 00:02:16,720

there was even a different approach to

38

00:02:21,670 --> 00:02:19,040

that examination so today's scenario

39

00:02:25,270 --> 00:02:23,510

we'll be more dynamic

40

00:02:27,750 --> 00:02:25,280

we'll have to be very

41

00:02:30,790 --> 00:02:27,760

concentrated and it will require a lot

42

00:02:32,390 --> 00:02:30,800

of teamwork but we're sure we will excel

43

00:02:51,670 --> 00:02:32,400

that

44

00:02:51,680 --> 00:03:23,430

okay let's go

45

00:03:23,440 --> 00:03:52,710

three

46

00:04:08,949 --> 00:03:54,550

okay we start

47

00:04:08,959 --> 00:04:22,390

us

48

00:04:22,400 --> 00:04:25,430

good afternoon

49

00:04:38,390 --> 00:04:29,110

the crew of expedition 3738 is ready to

50

00:04:38,400 --> 00:05:03,749

we're always ready

51
00:05:06,870 --> 00:05:05,189
yes it will be

52
00:05:12,550 --> 00:05:06,880
an examination

53
00:05:12,560 --> 00:05:22,230
good luck to all of you thank you

54
00:05:22,240 --> 00:05:32,070
for mike hopkins

55
00:05:36,469 --> 00:05:34,310
well i hope we're very prepared uh the

56
00:05:38,469 --> 00:05:36,479
training teams here in russia both in

57
00:05:39,670 --> 00:05:38,479
the united states and all the other

58
00:05:41,430 --> 00:05:39,680
international partners have done a great

59
00:06:05,670 --> 00:05:41,440
job getting us ready so i think we'll

60
00:06:10,550 --> 00:06:08,230
so the most difficult day we had

61
00:06:12,870 --> 00:06:10,560
yesterday when our backup crew started

62
00:06:15,510 --> 00:06:12,880
their training session

63
00:06:17,189 --> 00:06:15,520

however the sequence of all exercises

64

00:06:19,510 --> 00:06:17,199

and examinations is not that important

65

00:06:21,430 --> 00:06:19,520

during our training flow

66

00:06:22,309 --> 00:06:21,440

we were also backup

67

00:06:25,830 --> 00:06:22,319

crew

68

00:06:36,870 --> 00:06:25,840

combinations but we didn't feel any

69

00:06:39,909 --> 00:06:38,950

during my first flight

70

00:06:42,870 --> 00:06:39,919

the

71

00:06:45,909 --> 00:06:42,880

station had only three crew members on

72

00:06:47,909 --> 00:06:45,919

board and there was a different approach

73

00:06:49,510 --> 00:06:47,919

how to train the crew how to use the

74

00:06:51,830 --> 00:06:49,520

current board the station

75

00:06:54,230 --> 00:06:51,840

right now we have six crew members we

76

00:06:55,909 --> 00:06:54,240

have multi-segment activities

77

00:07:00,309 --> 00:06:55,919

we work on

78

00:07:19,350 --> 00:07:03,189

we have differences in the training flow

79

00:07:33,990 --> 00:07:22,550

we will not be lightening up the olympic

80

00:07:38,550 --> 00:07:35,909

besides this

81

00:07:40,390 --> 00:07:38,560

eva we will have two more evas on the

82

00:07:42,390 --> 00:07:40,400

russian segment we will be installing

83

00:07:44,469 --> 00:07:42,400

scientific hardware and we will be

84

00:07:49,990 --> 00:07:44,479

preparing the russian segment for the

85

00:08:00,550 --> 00:07:52,710

thank you very much everyone

86

00:08:26,070 --> 00:08:21,510

everything

87

00:08:27,830 --> 00:08:26,080

i don't think you need any more details

88

00:08:29,909 --> 00:08:27,840

from me

89

00:08:32,070 --> 00:08:29,919

okay

90

00:08:34,469 --> 00:08:32,080

do you have any questions

91

00:08:36,149 --> 00:08:34,479

actually they're working on all possible

92

00:08:38,310 --> 00:08:36,159

off-nominal situations that we can

93

00:08:40,310 --> 00:08:38,320

possibly foresee

94

00:08:42,070 --> 00:08:40,320

i cannot tell you which authentic

95

00:08:44,710 --> 00:08:42,080

situation they're having

96

00:08:47,030 --> 00:08:44,720

during the examination today you will

97

00:08:48,790 --> 00:08:47,040

learn about it later

98

00:08:50,870 --> 00:08:48,800

you're interested in it

99

00:08:52,949 --> 00:08:50,880

so you will know that at the end of the

100

00:08:54,630 --> 00:08:52,959

simulation

101
00:08:55,350 --> 00:08:54,640
right now the crew

102
00:08:58,230 --> 00:08:55,360
is

103
00:09:00,949 --> 00:08:58,240
prepared for all of nominal situations

104
00:09:03,910 --> 00:09:00,959
onboard the station sometimes

105
00:09:06,070 --> 00:09:03,920
they might encounter something new um

106
00:09:07,750 --> 00:09:06,080
during our simulations as it can happen

107
00:09:09,269 --> 00:09:07,760
onboard the station

108
00:09:11,590 --> 00:09:09,279
and our simulator of course can have

109
00:09:13,829 --> 00:09:11,600
some issues also

110
00:09:16,630 --> 00:09:13,839
and we're always telling the crew that

111
00:09:18,310 --> 00:09:16,640
any issues with the simulator are also

112
00:09:20,550 --> 00:09:18,320
of nominal situations for the crew that

113
00:09:23,750 --> 00:09:20,560

they have to be able to cope with

114

00:09:28,470 --> 00:09:23,760

so the crew has to be prepared even for

115

00:09:32,790 --> 00:09:31,110

they can have some additional situations

116

00:09:47,269 --> 00:09:32,800

in addition to those that are in their

117

00:09:50,870 --> 00:09:49,110

there won't be any phenomenal situations

118

00:09:52,310 --> 00:09:50,880

aboard the station that is why we are

119

00:09:55,110 --> 00:09:52,320

preparing

120

00:09:58,470 --> 00:09:56,790

pretty confident

121

00:10:01,269 --> 00:09:58,480

we won't have any

122

00:10:02,630 --> 00:10:01,279

phenomenal situations so

123

00:10:07,990 --> 00:10:02,640

we are prepared for them but we hope

124

00:10:10,310 --> 00:10:09,350

the thing is that

125

00:10:17,590 --> 00:10:10,320

the

126

00:10:19,269 --> 00:10:17,600

and sometimes we just put in some

127

00:10:23,670 --> 00:10:19,279

phenomenal situations

128

00:10:28,230 --> 00:10:25,829

it's ready to cope with them so they're

129

00:10:30,509 --> 00:10:28,240

even ready to cope with those optimal

130

00:10:33,350 --> 00:10:30,519

situations that are

131

00:10:35,910 --> 00:10:33,360

non-standard that they wouldn't expect

132

00:10:40,230 --> 00:10:38,150

sometimes we just

133

00:10:42,870 --> 00:10:40,240

have nominal day for

134

00:10:46,310 --> 00:10:42,880

during the simulation and the crew

135

00:10:48,150 --> 00:10:46,320

go for that very well as well

136

00:10:50,069 --> 00:10:48,160

the crew copes with the softness station

137

00:10:54,470 --> 00:10:50,079

very well so

138

00:10:56,870 --> 00:10:54,480

both on board the station and during the

139

00:10:58,870 --> 00:10:56,880

simulations of of course it's better to

140

00:11:01,350 --> 00:10:58,880

practice those demonstrations here on

141

00:11:05,030 --> 00:11:01,360

the ground and in space

142

00:11:10,069 --> 00:11:05,040

so i hope we won't have any emergencies

143

00:11:14,949 --> 00:11:12,389

the crew is very good alex

144

00:11:18,550 --> 00:11:14,959

kodov is a very experienced cosmonaut he

145

00:11:21,750 --> 00:11:18,560

has been working for gctc for a long

146

00:11:23,590 --> 00:11:21,760

time he started as a surgeon

147

00:11:26,550 --> 00:11:23,600

in our center

148

00:11:27,670 --> 00:11:26,560

so two crew members in this crew have

149

00:11:29,590 --> 00:11:27,680

medical

150

00:11:31,190 --> 00:11:29,600

degrees they are

151
00:11:33,910 --> 00:11:31,200
surgeons so

152
00:11:34,710 --> 00:11:33,920
sergey ryazanskiy and oligar have very

153
00:11:37,590 --> 00:11:34,720
good

154
00:11:42,310 --> 00:11:37,600
technical background ali khada also has

155
00:11:47,430 --> 00:11:44,389
experience as a pilot that is why they

156
00:11:53,750 --> 00:11:47,440
are very well prepared and this crew is

157
00:12:01,430 --> 00:11:57,110
so they get very comprehensive training

158
00:12:03,910 --> 00:12:01,440
also so the crew is prepared very well

159
00:12:06,629 --> 00:12:03,920
and alec is a very good commander he has

160
00:12:08,069 --> 00:12:06,639
very good experiences he's sharing his

161
00:12:14,230 --> 00:12:08,079
experience

162
00:12:19,190 --> 00:12:17,030
oleg is your deputy at gctc will you

163
00:12:20,629 --> 00:12:19,200

miss him on the ground yes i will miss

164

00:12:22,230 --> 00:12:20,639

him on the ground

165

00:12:24,389 --> 00:12:22,240

traditionally

166

00:12:26,790 --> 00:12:24,399

at gcdc

167

00:12:28,230 --> 00:12:26,800

cosmonauts who already flew to the

168

00:12:30,310 --> 00:12:28,240

station

169

00:12:31,990 --> 00:12:30,320

participate in preparation of future

170

00:12:34,629 --> 00:12:32,000

missions

171

00:12:36,629 --> 00:12:34,639

that is exactly what allah do also he

172

00:12:38,790 --> 00:12:36,639

was performing all these functions he

173

00:12:40,470 --> 00:12:38,800

was my deputy

174

00:12:41,509 --> 00:12:40,480

right now of course he's too busy to do

175

00:12:43,829 --> 00:12:41,519

that

176

00:12:46,550 --> 00:12:43,839

he's not performing those duties anymore

177

00:12:49,030 --> 00:12:46,560

but after the flight i hope he will

178

00:12:52,310 --> 00:12:49,040

come back to the gctc and

179

00:12:56,389 --> 00:12:52,320

become a very successful manager at uctc

180

00:12:59,030 --> 00:12:56,399

this is very good practice at gctc

181

00:13:02,389 --> 00:12:59,040

when cosmonaut becomes a manager or

182

00:13:05,670 --> 00:13:02,399

starts performing administrative duties

183

00:13:08,389 --> 00:13:05,680

it's very useful

184

00:13:10,949 --> 00:13:08,399

so my case was a little bit

185

00:13:13,030 --> 00:13:10,959

um an exception from the general rule i

186

00:13:15,590 --> 00:13:13,040

was working for the

187

00:13:18,310 --> 00:13:15,600

mccm as well

188

00:13:19,670 --> 00:13:18,320

so alec is pretty much following my path

189

00:13:21,670 --> 00:13:19,680

i support him

190

00:13:23,829 --> 00:13:21,680

in on this path

191

00:13:25,670 --> 00:13:23,839

and we try to support him as much as

192

00:13:27,350 --> 00:13:25,680

possible to

193

00:13:30,550 --> 00:13:27,360

help him prepare for the flight very

194

00:13:35,910 --> 00:13:33,509

yes i you asked already the question

195

00:13:38,629 --> 00:13:35,920

about the olympic torch

196

00:13:41,269 --> 00:13:38,639

there were some discussions

197

00:13:46,389 --> 00:13:41,279

some people were thinking that we will

198

00:13:50,230 --> 00:13:47,670

torch

199

00:13:53,110 --> 00:13:50,240

cannot be lightened up in the vacuum

200

00:13:56,389 --> 00:13:53,120

we won't light it up inside the station

201
00:13:57,829 --> 00:13:56,399
inside the soyuz vehicle

202
00:14:00,870 --> 00:13:57,839
right now

203
00:14:02,790 --> 00:14:00,880
the we have taken

204
00:14:05,910 --> 00:14:02,800
the resolution to

205
00:14:07,350 --> 00:14:05,920
send a real olympic torch

206
00:14:10,069 --> 00:14:07,360
to the station

207
00:14:12,870 --> 00:14:10,079
so it will be part of the olympic really

208
00:14:14,550 --> 00:14:12,880
it should be a very long

209
00:14:16,470 --> 00:14:14,560
relay and

210
00:14:18,550 --> 00:14:16,480
one of the stages of that relay will

211
00:14:21,910 --> 00:14:18,560
take place onboard the station

212
00:14:25,350 --> 00:14:21,920
after that this torch

213
00:14:35,590 --> 00:14:26,710

relay

214

00:14:41,509 --> 00:14:38,470

mr chairman of the state commission

215

00:15:14,629 --> 00:14:41,519

the crew is ready

216

00:15:14,639 --> 00:15:37,590

good luck to you

217

00:15:42,870 --> 00:15:41,590

yesterday you had your first examination

218

00:15:46,629 --> 00:15:42,880

gctc

219

00:15:50,550 --> 00:15:48,710

yes yesterday we had our first

220

00:15:53,670 --> 00:15:50,560

examination

221

00:15:55,350 --> 00:15:53,680

and it coincided with the beginning of

222

00:15:58,310 --> 00:15:55,360

the

223

00:15:59,670 --> 00:15:58,320

new academic year in russia

224

00:16:01,430 --> 00:15:59,680

so we were

225

00:16:04,470 --> 00:16:01,440

like school children who were taking

226

00:16:08,389 --> 00:16:06,069

we were

227

00:16:10,710 --> 00:16:08,399

taking an examination in the four-orbit

228

00:16:11,509 --> 00:16:10,720

rendezvous

229

00:16:12,310 --> 00:16:11,519

so

230

00:16:13,430 --> 00:16:12,320

we

231

00:16:18,310 --> 00:16:13,440

got

232

00:16:23,670 --> 00:16:21,670

so we were practicing also the docking

233

00:16:25,990 --> 00:16:23,680

scenario yesterday

234

00:16:28,550 --> 00:16:26,000

everything went very well

235

00:16:30,470 --> 00:16:28,560

we had a couple of remarks from

236

00:16:33,509 --> 00:16:30,480

our instructors but

237

00:16:35,590 --> 00:16:33,519

all in all we excelled the exam i think