



1
00:00:05,380 --> 00:00:02,800
listen as a state commission we have

2
00:00:09,490 --> 00:00:05,390
approved the prime crew consisting of

3
00:00:15,129 --> 00:00:09,500
sergei volkov the commander fe1 satoshi

4
00:00:17,439 --> 00:00:15,139
furukawa fe to mike fossum guys do

5
00:00:20,529 --> 00:00:17,449
bananas backup crew we have approved

6
00:00:24,519 --> 00:00:20,539
holy kononenko as commander andre

7
00:00:27,880 --> 00:00:24,529
kuipers fv1 and don pettit fe to ya the

8
00:00:30,040 --> 00:00:27,890
wrong with that congratulations we've

9
00:00:33,569 --> 00:00:30,050
been talking to you a lot at the

10
00:00:35,709 --> 00:00:33,579
preliminary stages of your flight and

11
00:00:36,939 --> 00:00:35,719
final phases of your training and I have

12
00:00:38,830 --> 00:00:36,949
no doubt in my mind that you'll be able

13
00:00:40,270 --> 00:00:38,840

to perform all the tasks that are part

14

00:00:41,830 --> 00:00:40,280

of your mission on your way to the

15

00:00:45,310 --> 00:00:41,840

station and on the station and that's

16

00:00:47,860 --> 00:00:45,320

all I have respond to that ok so good

17

00:00:48,970 --> 00:00:47,870

luck Godspeed enjoy your expedition and

18

00:01:03,110 --> 00:00:48,980

we want to hear all about it when you

19

00:01:13,609 --> 00:01:08,550

dog reading good afternoon it's for the

20

00:01:17,100 --> 00:01:13,619

flight program on Jude 8th at 212 Moscow

21

00:01:22,530 --> 00:01:17,110

0-12 moscow time there will be a launch

22

00:01:26,490 --> 00:01:22,540

of the soyuz tma IM o2m vehicle during

23

00:01:28,640 --> 00:01:26,500

the crew of the ISIS increment 28 on its

24

00:01:32,330 --> 00:01:28,650

way to the International Space Station

25

00:01:34,710 --> 00:01:32,340

several minutes ago the state commission

26

00:01:37,410 --> 00:01:34,720

approved the prime and duck of crew

27

00:01:41,840 --> 00:01:37,420

compositions the prime crew consists of

28

00:01:44,550 --> 00:01:41,850

sergei volkov soyuz tma commander

29

00:01:47,940 --> 00:01:44,560

station flight engineer Russ cosmos

30

00:01:51,810 --> 00:01:47,950

Russia Satoshi Furukawa so he's flight

31

00:01:55,170 --> 00:01:51,820

engineer station flight engineer Jack

32

00:01:59,969 --> 00:01:55,180

said Japan Michael fawesome fe 2 for the

33

00:02:04,609 --> 00:01:59,979

Soyuz TMA vehicle station increment 28

34

00:02:08,449 --> 00:02:04,619

flight engineer increment 129 commander

35

00:02:11,100 --> 00:02:08,459

NASA us a backup crew Oleg Kononenko

36

00:02:15,120 --> 00:02:11,110

ingenium Caius eros cosmos rasiya

37

00:02:18,509 --> 00:02:15,130

copperas Andre Andre Kuiper's semenova

38

00:02:21,990 --> 00:02:18,519

am bored engineer MKS Ilega Nederlander

39

00:02:24,210 --> 00:02:22,000

pitted Donald Donald Pettit customs are

40

00:02:28,370 --> 00:02:24,220

you still manage IM what so you steam

41

00:02:31,380 --> 00:02:28,380

802 em guys lotsa dvt flight engineers

42

00:02:35,190 --> 00:02:31,390

station flight engineer for Isis 28 and

43

00:02:37,830 --> 00:02:35,200

Commander 429 and this is Catherine got

44

00:02:40,470 --> 00:02:37,840

hey Katya crema from Krasnoyarsk she's

45

00:02:45,060 --> 00:02:40,480

eight and she's the winner of the touch

46

00:02:46,979 --> 00:02:45,070

design for this increment dear crew

47

00:02:53,250 --> 00:02:46,989

members she would like to say some words

48

00:02:56,130 --> 00:02:53,260

to you that's new pallapa have a

49

00:03:00,150 --> 00:02:56,140

successful flight make sure everything

50

00:03:01,410 --> 00:03:00,160

goes well up there I'll be looking

51
00:03:04,229 --> 00:03:01,420
forward to have you back here on earth

52
00:03:06,270 --> 00:03:04,239
it's my super crazy my super Thank You

53
00:03:12,619 --> 00:03:06,280
gotcha thank you you know she's been

54
00:03:28,199 --> 00:03:26,220
this is our tradition as well it was 90

55
00:03:29,970 --> 00:03:28,209
aqui posh we got to don't catch it by

56
00:03:34,020 --> 00:03:29,980
Derek you know the crew has a little bit

57
00:03:37,410 --> 00:03:34,030
of a gift for Katya what they'll do is

58
00:03:38,940 --> 00:03:37,420
they'll put their autographs under cool

59
00:03:46,110 --> 00:03:38,950
picture and we'll make sure to give it

60
00:03:49,949 --> 00:03:46,120
to you cuttin ya mama got a good

61
00:03:53,849 --> 00:03:49,959
afternoon I am Catherine's mother I have

62
00:03:57,059 --> 00:03:53,859
this icon that I would like to pass on

63
00:03:59,660 --> 00:03:57,069

to you I suppose sure it's an

64

00:04:02,759 --> 00:03:59,670

embroidered I can't that I would like to

65

00:04:04,770 --> 00:04:02,769

give to you so it saves you from all

66

00:04:07,920 --> 00:04:04,780

kinds of troubles the question that's on

67

00:04:11,460 --> 00:04:07,930

all of our minds I would like to address

68

00:04:14,550 --> 00:04:11,470

this question to Sergei Michael and

69

00:04:18,449 --> 00:04:14,560

Satoshi this video named guy every one

70

00:04:19,710 --> 00:04:18,459

of you is carrying some bits and pieces

71

00:04:22,860 --> 00:04:19,720

some elements of your National Science

72

00:04:25,080 --> 00:04:22,870

program with you would you like to kind

73

00:04:26,580 --> 00:04:25,090

of the question is to all the groom talk

74

00:04:28,860 --> 00:04:26,590

of talk to us about your science program

75

00:04:35,700 --> 00:04:28,870

take your national program some

76
00:04:38,760 --> 00:04:35,710
experiments what are they so angry skip

77
00:04:42,029 --> 00:04:38,770
a dell stator solution of item okay uh

78
00:04:47,070 --> 00:04:42,039
onboard the gem Japanese experiment

79
00:04:50,670 --> 00:04:47,080
module we are going to perform a plant

80
00:04:53,600 --> 00:04:50,680
experiment using cucumber on about

81
00:04:58,250 --> 00:04:53,610
experimental upon school model dream my

82
00:05:04,279 --> 00:04:58,260
planner IAM experiments pasado alberto

83
00:05:08,760 --> 00:05:04,289
the using cucumber the investigator

84
00:05:12,029 --> 00:05:08,770
concentrates on the effect of specific

85
00:05:14,949 --> 00:05:12,039
protein which is related to auction

86
00:05:20,779 --> 00:05:14,959
which is a plant hormone

87
00:05:25,159 --> 00:05:20,789
yuh with the Grimes Provost experience

88
00:05:27,109 --> 00:05:25,169

item 1a got some e is little bit wise

89

00:05:31,669 --> 00:05:27,119

this to a patina Cotton's let's auction

90

00:05:34,189 --> 00:05:31,679

and by performing that experiment it

91

00:05:39,379 --> 00:05:34,199

would be beneficial for future space

92

00:05:42,859 --> 00:05:39,389

plant colony provided experimental music

93

00:05:44,869 --> 00:05:42,869

Laden bhootish ira's mat room was

94

00:05:49,659 --> 00:05:44,879

Muslims passat kill arresting if

95

00:05:52,579 --> 00:05:49,669

cosmesis we wish we were able to eat

96

00:05:55,789 --> 00:05:52,589

cucumber but we are not allowed I'm just

97

00:05:58,759 --> 00:05:55,799

kidding yes hakuna matata consciousness

98

00:06:01,269 --> 00:05:58,769

yeast no no nutritional i'm looking

99

00:06:06,139 --> 00:06:01,279

forward to performing the experiment

100

00:06:08,839 --> 00:06:06,149

yeah sliders dismally buedes a year do

101
00:06:11,319 --> 00:06:08,849
most experiments a consultation and one

102
00:06:14,059 --> 00:06:11,329
one more thing the experiment the

103
00:06:17,749 --> 00:06:14,069
principal investigator of the experiment

104
00:06:20,359 --> 00:06:17,759
is from the area he is from Tohoku

105
00:06:22,609 --> 00:06:20,369
University which is an area that

106
00:06:27,139 --> 00:06:22,619
suffered a great deal from the big

107
00:06:31,549 --> 00:06:27,149
earthquake he done an experiment police

108
00:06:35,509 --> 00:06:31,559
hood is re is Oh bliss TV pony keturah

109
00:06:38,869 --> 00:06:35,519
la pedrera chillin with nutritional so

110
00:06:41,350 --> 00:06:38,879
we would like to do our best to dedicate

111
00:06:46,309 --> 00:06:41,360
to science by performing the experiment

112
00:06:53,930 --> 00:06:46,319
yo mr. Lutz esto hace lo e positiva that

113
00:07:00,480 --> 00:06:56,850

for me my favorite experiment is a

114

00:07:03,260 --> 00:07:00,490

combustion a flame experiment I really

115

00:07:06,480 --> 00:07:03,270

like this one because the crew does

116

00:07:09,360 --> 00:07:06,490

personal interaction and can observe the

117

00:07:13,200 --> 00:07:09,370

the experiment in process more

118

00:07:15,270 --> 00:07:13,210

experiment at the zetas Eve busca mutans

119

00:07:17,670 --> 00:07:15,280

which had done the physics keeling in

120

00:07:20,790 --> 00:07:17,680

the bottle I look forward to doing that

121

00:07:22,170 --> 00:07:20,800

many of the experiments that we have the

122

00:07:25,110 --> 00:07:22,180

crew doesn't have the opportunity to

123

00:07:26,790 --> 00:07:25,120

interact with the experiment so this one

124

00:07:28,880 --> 00:07:26,800

this one's a favorite of mine and I look

125

00:07:31,920 --> 00:07:28,890

forward to doing it very much thank you

126

00:07:34,680 --> 00:07:31,930

CGI ninja possible IDK yet experiment

127

00:07:40,890 --> 00:07:34,690

and no done noblest at the mi'aata stand

128

00:07:42,840 --> 00:07:40,900

a special on nope oj oj e subsidy to

129

00:07:45,030 --> 00:07:42,850

kind of dovetail into what Satoshi was

130

00:07:48,630 --> 00:07:45,040

saying number two regarding his

131

00:07:50,160 --> 00:07:48,640

experiment I like to say is so is nice

132

00:07:53,540 --> 00:07:50,170

to have something on the station that's

133

00:07:57,480 --> 00:07:53,550

also a living thing in this case we have

134

00:07:59,430 --> 00:07:57,490

plants will be growing tomatoes on the

135

00:08:02,370 --> 00:07:59,440

Russian segment in complement to the

136

00:08:04,470 --> 00:08:02,380

cucumber's being grown on on a Japanese

137

00:08:08,610 --> 00:08:04,480

module oh this is intended to provide

138

00:08:10,770 --> 00:08:08,620

fresh produce to the crew members so

139

00:08:13,170 --> 00:08:10,780

tomatoes in my case Satoshi said that

140

00:08:15,450 --> 00:08:13,180

you know it's not allowed to cucumbers

141

00:08:16,980 --> 00:08:15,460

you know I guess we're not supposed to

142

00:08:18,570 --> 00:08:16,990

those tomatoes but who knows maybe we'll

143

00:08:20,460 --> 00:08:18,580

be able to throw it together a little

144

00:08:24,710 --> 00:08:20,470

bit of a salad how do you feel about

145

00:08:27,840 --> 00:08:24,720

being on station with the sts-135

146

00:08:29,940 --> 00:08:27,850

Atlantis being last spatial vehicle on

147

00:08:34,140 --> 00:08:29,950

board how do you feel how do you feel

148

00:08:35,760 --> 00:08:34,150

about that because of chance you know we

149

00:08:37,980 --> 00:08:35,770

will be there for the last shuttle

150

00:08:39,990 --> 00:08:37,990

mission and that is you know going to be

151

00:08:41,940 --> 00:08:40,000

an amazing time the end of a 30-year

152

00:08:44,070 --> 00:08:41,950

program that has been hugely successful

153

00:08:46,410 --> 00:08:44,080

and very important for human space

154

00:08:49,050 --> 00:08:46,420

flight and we're proud to be part of

155

00:08:50,370 --> 00:08:49,060

that almost from the moment you and your

156

00:08:51,810 --> 00:08:50,380

crewmates arrived on the station the

157

00:08:54,720 --> 00:08:51,820

vehicle traffic will be all encompassing

158

00:08:56,970 --> 00:08:54,730

in the weeks leading up to and including

159

00:08:59,390 --> 00:08:56,980

that final shuttle flight how do you

160

00:09:02,940 --> 00:08:59,400

plan to tackle the initial workload in

161

00:09:04,630 --> 00:09:02,950

preparation for sts-135 and the

162

00:09:06,040 --> 00:09:04,640

spacewalk that you and Ron Garan

163

00:09:07,660 --> 00:09:06,050

will be performing during that final

164

00:09:08,860 --> 00:09:07,670

shuttle mission we're going to have to

165

00:09:10,330 --> 00:09:08,870

hit the ground running there's no doubt

166

00:09:12,910 --> 00:09:10,340

about that there's not many weeks

167

00:09:15,310 --> 00:09:12,920

between the time when we arrived and we

168

00:09:17,620 --> 00:09:15,320

and the space shuttle atlantis will

169

00:09:19,960 --> 00:09:17,630

arrive to begin a very busy time so we

170

00:09:21,520 --> 00:09:19,970

have had a lot of preparation to do and

171

00:09:23,320 --> 00:09:21,530

we're beginning that preparation now

172

00:09:26,290 --> 00:09:23,330

I've had conferences this week with the

173

00:09:28,570 --> 00:09:26,300

EV a team with Chris Ferguson the

174

00:09:31,210 --> 00:09:28,580

Atlantis commander two nights ago I

175

00:09:33,400 --> 00:09:31,220

spent an hour talking to Ron on orbit

176

00:09:34,960 --> 00:09:33,410

about what's going on and the kind of

177

00:09:37,330 --> 00:09:34,970

preparations he's doing to get ready for

178

00:09:40,630 --> 00:09:37,340

us up there so I were excited about it

179

00:09:42,970 --> 00:09:40,640

there is always a an adaptation time

180

00:09:44,710 --> 00:09:42,980

when we get there but we're going to hit

181

00:09:46,840 --> 00:09:44,720

the ground run and we have to and let's

182

00:09:49,930 --> 00:09:46,850

bring this press conference to closure

183

00:09:51,220 --> 00:09:49,940

let's wish good luck to the crew let's

184

00:09:52,720 --> 00:09:51,230

thank them for the wonderful press

185

00:09:55,120 --> 00:09:52,730

conference for great questions and

186

00:09:57,100 --> 00:09:55,130

excellent answers thank you muscles the

187

00:10:04,470 --> 00:09:57,110

tickets on there for them that will take

188

00:10:09,519 --> 00:10:07,420

press agencies but from regular folks in

189

00:10:10,929 --> 00:10:09,529

kids once again thank you very much the