



1
00:00:07,909 --> 00:00:05,430
at this hour the russian flight control

2
00:00:11,190 --> 00:00:07,919
team here in kauai monitoring the

3
00:00:13,990 --> 00:00:11,200
progress of a soyuz tma-21 spacecraft

4
00:00:15,749 --> 00:00:14,000
bearing the name gagarin just five days

5
00:00:17,910 --> 00:00:15,759
shy of the 50th anniversary of the

6
00:00:21,269 --> 00:00:17,920
launch of yuri gagarin back on april 12

7
00:00:22,390 --> 00:00:21,279
1961 to become the first human to fly in

8
00:00:25,429 --> 00:00:22,400
space

9
00:00:27,109 --> 00:00:25,439
the soyuz tma-21 under the controls of

10
00:00:28,630 --> 00:00:27,119
the soyuz commander alexander

11
00:00:30,870 --> 00:00:28,640
samokutyaev

12
00:00:33,350 --> 00:00:30,880
with his board engineer to his left in

13
00:00:36,389 --> 00:00:33,360

the descent module section of the soyuz

14

00:00:39,270 --> 00:00:36,399

spacecraft andre borisenko and on the

15

00:00:41,510 --> 00:00:39,280

right nasa flight engineer ron garan are

16

00:00:43,910 --> 00:00:41,520

just three and a half kilometers away

17

00:00:45,830 --> 00:00:43,920

from a docking to the poisk module on

18

00:00:47,510 --> 00:00:45,840

the space-facing side of the zvezda

19

00:00:48,869 --> 00:00:47,520

service module of the international

20

00:00:51,430 --> 00:00:48,879

space station

21

00:00:53,430 --> 00:00:51,440

this cross-aired engineering view from

22

00:00:56,470 --> 00:00:53,440

cameras on the exterior of the soyuz

23

00:00:58,069 --> 00:00:56,480

tma-21 you can see the alignment right

24

00:01:00,229 --> 00:00:58,079

in the middle of the crosshairs of the

25

00:01:03,270 --> 00:01:00,239

poisk module docking port and you can

26

00:01:05,750 --> 00:01:03,280

see in the lower left hand corner 117

27

00:01:07,590 --> 00:01:05,760

116 those are the meters separating the

28

00:01:10,710 --> 00:01:07,600

soyuz from its docking port just

29

00:01:12,950 --> 00:01:10,720

underneath is the range rate now about

30

00:01:15,109 --> 00:01:12,960

six tenths of a meter per second at the

31

00:01:17,190 --> 00:01:15,119

time of contact and capture the soyuz

32

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

will be moving much slower at a rate of

33

00:01:38,149 --> 00:01:19,680

about one tenth of a meter per second

34

00:02:03,910 --> 00:01:40,870

i see the target on the west coast

35

00:02:03,920 --> 00:02:08,309

is

36

00:02:11,910 --> 00:02:10,869

motion relative to the center of the

37

00:02:13,670 --> 00:02:11,920

screen

38

00:02:15,910 --> 00:02:13,680

within one degree

39

00:02:18,150 --> 00:02:15,920

ss repair

40

00:02:20,710 --> 00:02:18,160

confirms ready

41

00:02:33,990 --> 00:02:20,720

range 40 meters

42

00:02:37,750 --> 00:02:35,830

the visiting vehicle officer at the

43

00:02:39,430 --> 00:02:37,760

mission control room in houston at the

44

00:02:41,270 --> 00:02:39,440

johnson space center reports that the

45

00:02:44,150 --> 00:02:41,280

core's automated rendezvous antenna on

46

00:02:46,949 --> 00:02:44,160

the soyuz tma-21 has retracted as

47

00:03:00,550 --> 00:02:46,959

advertised as the distance continues to

48

00:03:05,910 --> 00:03:03,190

as we approach orbital sunset of the

49

00:03:08,790 --> 00:03:05,920

soyuz tma-21 in the middle section of

50

00:03:09,830 --> 00:03:08,800

that soyuz are samokutyaya borisenko and

51

00:03:12,309 --> 00:03:09,840

garen

52

00:03:27,589 --> 00:03:12,319

dead on for an on target docking for the

53

00:03:27,599 --> 00:03:44,229

range rate one five

54

00:03:51,190 --> 00:03:47,910

everything looks good a little bit off

55

00:03:53,750 --> 00:03:51,200

on the crosses

56

00:03:56,710 --> 00:03:53,760

target moves down

57

00:03:56,720 --> 00:04:01,750

contact and capture docking confirmed

58

00:04:01,760 --> 00:04:05,670

mechanical connection

59

00:04:14,550 --> 00:04:09,670

docking confirmed at 309 am moscow time

60

00:04:17,909 --> 00:04:16,150

spacecraft slips into port at the

61

00:04:19,830 --> 00:04:17,919

international space station honoring the

62

00:04:26,070 --> 00:04:19,840

golden anniversary of the dawn of human

63

00:04:30,070 --> 00:04:27,990

and as you can see a station commander

64

00:04:32,469 --> 00:04:30,080

dimitri kondratiev on the right i

65

00:04:34,070 --> 00:04:32,479

understand we'll uh do the event on why

66

00:04:37,670 --> 00:04:34,080

is that correct

67

00:04:40,230 --> 00:04:37,680

and uh with the hatch is now open

68

00:04:43,110 --> 00:04:40,240

9 13 p.m

69

00:04:45,510 --> 00:04:43,120

central time as the international space

70

00:04:48,629 --> 00:04:45,520

station flew over the pacific ocean

71

00:04:51,350 --> 00:04:48,639

andre borisenko alexander samokutyaev in

72

00:04:54,629 --> 00:04:51,360

the field of view in the foreground

73

00:05:04,230 --> 00:04:54,639

hatches again opened at 9 13 p.m central

74

00:05:04,240 --> 00:05:18,629

super korean

75

00:05:18,639 --> 00:06:01,990

the state panel

76

00:06:10,710 --> 00:06:05,749

this is a great contribution

77

00:06:12,150 --> 00:06:10,720

in time for the current anniversary

78

00:06:14,870 --> 00:06:12,160

thank you

79

00:06:16,870 --> 00:06:14,880

dmitry kurtz

80

00:06:20,230 --> 00:06:16,880

paulo

81

00:06:25,590 --> 00:06:20,240

aren't you happy you have some friends

82

00:06:30,629 --> 00:06:28,469

we are happy for you

83

00:06:38,550 --> 00:06:30,639

that you can

84

00:06:44,230 --> 00:06:41,029

and we also wanted to

85

00:06:46,550 --> 00:06:44,240

wish happy birthday to paulo

86

00:06:49,189 --> 00:06:46,560

thank you

87

00:06:52,469 --> 00:06:49,199

and of course to congratulate you

88

00:06:53,670 --> 00:06:52,479

with the 50 years

89

00:07:00,070 --> 00:06:53,680

anniversary

90

00:07:06,830 --> 00:07:02,309

we are sure that we have some presents

91

00:07:06,840 --> 00:07:11,430

congratulations on

92

00:07:19,589 --> 00:07:13,909

the fact that you have the whole crew on

93

00:07:23,510 --> 00:07:20,550

here

94

00:07:24,629 --> 00:07:23,520

so the official part is over

95

00:07:25,510 --> 00:07:24,639

and

96

00:07:28,070 --> 00:07:25,520

now

97

00:07:43,110 --> 00:07:28,080

your relatives and friends will be

98

00:07:47,909 --> 00:07:45,670

thousands of people on the earth

99

00:07:52,950 --> 00:07:47,919

congratulate you

100

00:07:56,950 --> 00:07:55,430

we are proud of all

101
00:07:58,629 --> 00:07:56,960
people who

102
00:08:04,629 --> 00:07:58,639
went into space

103
00:08:04,639 --> 00:08:08,629
thank you

104
00:08:08,639 --> 00:08:23,909
i'm very happy

105
00:08:26,390 --> 00:08:24,830
this

106
00:08:29,589 --> 00:08:26,400
is

107
00:08:34,630 --> 00:08:29,599
and boys congratulations on successful

108
00:08:37,350 --> 00:08:35,350
and

109
00:08:51,750 --> 00:08:37,360
all the cities send you

110
00:08:51,760 --> 00:09:04,630
i'm proud of you

111
00:09:11,990 --> 00:09:05,750
all

112
00:09:15,910 --> 00:09:13,190
ron

113
00:09:17,910 --> 00:09:15,920

sasha andre congratulations on a

114

00:09:24,389 --> 00:09:17,920

spectacular

115

00:09:29,190 --> 00:09:26,389

you make all of your family

116

00:09:30,870 --> 00:09:29,200

and everyone that has participated

117

00:09:35,670 --> 00:09:30,880

so proud

118

00:09:37,750 --> 00:09:35,680

and ron i want you to know that um

119

00:09:39,910 --> 00:09:37,760

ronnie and joseph

120

00:09:41,750 --> 00:09:39,920

were able to speak to me by satellite

121

00:09:42,710 --> 00:09:41,760

phones

122

00:09:46,550 --> 00:09:42,720

and

123

00:09:50,470 --> 00:09:46,560

proud of you

124

00:09:52,470 --> 00:09:50,480

we love you

125

00:09:55,509 --> 00:09:52,480

we will keep the fires burning at home

126

00:09:59,509 --> 00:09:57,350

and we will welcome you home with open

127

00:10:03,110 --> 00:09:59,519

arms at the end of your very successful

128

00:10:06,949 --> 00:10:05,110

we love you

129

00:10:08,630 --> 00:10:06,959

sweetheart and uh i hope you have a safe

130

00:10:11,430 --> 00:10:08,640

trip back to houston and i hope you have

131

00:10:13,030 --> 00:10:11,440

a wonderful birthday and uh also please

132

00:10:14,550 --> 00:10:13,040

say happy birthday to ronnie and joseph

133

00:10:17,590 --> 00:10:14,560

in a few days and i'll i'll probably do

134

00:10:18,389 --> 00:10:17,600

the same myself but uh thanks for thanks

135

00:10:20,389 --> 00:10:18,399

uh

136

00:10:23,190 --> 00:10:20,399

for your support thanks for coming to

137

00:10:24,870 --> 00:10:23,200

baikonur thanks to everybody who came um

138

00:10:26,550 --> 00:10:24,880

and thanks for everybody who helped us

139

00:10:28,710 --> 00:10:26,560

along the way it's been it's a great

140

00:10:29,910 --> 00:10:28,720

couple of days and uh we're ready to get

141

00:10:30,829 --> 00:10:29,920

to work so

142

00:10:33,990 --> 00:10:30,839

thanks for

143

00:11:01,509 --> 00:10:34,000

everything okay and by the way i have

144

00:11:05,670 --> 00:11:04,150

we are happy that you worked

145

00:11:26,150 --> 00:11:05,680

in such a

146

00:11:34,069 --> 00:11:28,389

a high school graduate

147

00:11:38,550 --> 00:11:36,949

so happy that you came

148

00:11:55,509 --> 00:11:38,560

and good luck to you

149

00:12:00,949 --> 00:11:57,910

arrival to the station all the best for

150

00:12:06,150 --> 00:12:03,590

good luck in your work

151
00:12:18,470 --> 00:12:06,160
lots of help

152
00:12:33,990 --> 00:12:21,670
we are receiving so many congratulations

153
00:12:44,069 --> 00:12:40,150
thank you

154
00:12:48,870 --> 00:12:44,079
all the congratulations everything will

155
00:12:53,110 --> 00:12:50,629
we will be looking forward to your

156
00:12:55,910 --> 00:12:53,120
return

157
00:12:55,920 --> 00:13:03,030
the father will be speaking now

158
00:13:07,269 --> 00:13:05,190
my dear son

159
00:13:08,310 --> 00:13:07,279
congratulations to you

160
00:13:18,949 --> 00:13:08,320
and

161
00:13:23,670 --> 00:13:21,509
any problems we know that

162
00:13:25,269 --> 00:13:23,680
you will be able to take care of them

163
00:13:27,670 --> 00:13:25,279

together

164

00:13:58,150 --> 00:13:27,680

and we wish you

165

00:14:01,829 --> 00:13:59,430

i'm happy that

166

00:14:05,990 --> 00:14:01,839

you had a good flight and successful

167

00:14:09,910 --> 00:14:08,790

i'm very proud of your father because

168

00:14:14,710 --> 00:14:09,920

it is not

169

00:14:19,430 --> 00:14:16,470

we're looking forward to your return

170

00:14:30,310 --> 00:14:21,990

yes it will be fine

171

00:14:30,320 --> 00:14:35,590

hi dad it's jake hi guys

172

00:14:55,590 --> 00:14:37,910

i'd like to congratulate you on the

173

00:15:00,150 --> 00:14:56,829

too cold out

174

00:15:04,949 --> 00:15:00,160

there i know it was actually

175

00:15:10,870 --> 00:15:07,110

i appreciate you coming it was really

176

00:15:14,710 --> 00:15:12,550

thanks and uh

177

00:15:17,030 --> 00:15:14,720

i hope you have a

178

00:15:20,790 --> 00:15:17,040

productive and exciting six months from

179

00:15:24,550 --> 00:15:22,150

daddy i'm looking forward to talking

180

00:15:25,189 --> 00:15:24,560

more when i get a chance and uh seeing

181

00:15:28,230 --> 00:15:25,199

you

182

00:15:28,240 --> 00:15:38,230

all right

183

00:15:43,829 --> 00:15:41,829

hello this is jana congratulations

184

00:15:51,110 --> 00:15:43,839

to you

185

00:15:51,120 --> 00:15:56,550

and congratulations again

186

00:16:01,509 --> 00:15:59,110

unfortunately we did not see how you

187

00:16:05,670 --> 00:16:01,519

floated into the station through the

188

00:16:08,949 --> 00:16:05,680

hedge we would have loved to see that

189

00:16:11,430 --> 00:16:08,959

well i was um the first one i was the

190

00:16:18,389 --> 00:16:11,440

first one to get in and they pulled me

191

00:16:18,399 --> 00:16:33,509

father congratulations again i love you

192

00:16:33,519 --> 00:16:47,590

we are all so proud of you

193

00:16:51,030 --> 00:16:48,710

and

194

00:16:58,389 --> 00:16:51,040

best regards to you from all your

195

00:16:58,399 --> 00:17:02,470

everybody sends the greeting

196

00:17:09,590 --> 00:17:05,350

thank you andre

197

00:17:28,470 --> 00:17:12,549

goodbye from everybody

198

00:17:33,830 --> 00:17:32,230

and congratulations again from mcc

199

00:17:34,789 --> 00:17:33,840

unsuccessful

200

00:17:35,590 --> 00:17:34,799

talking

