

17.07.12

Среда

PC MHC ("SAPPIYI" SREZDAN TAPCHY TROMOI YACBET") I TPOPIEPE M HMPI YCOKO TPA-OH I YCOKO TPA-OH I

Сутра мара

сўлаштириш 4000 / 4000 / 3000 / 300 / 700 / 60 / 60 / 3

сўлаштириш 54 / 3

сўлаштириш 7500 / 2200 / 3

сўлаштириш 200 / 27 27 20

сўлаштириш 150 / 27 24 20

сўлаштириш 50 / 27 27

сўлаштириш 10 20 20

сўлаштириш 10 20 20

сўлаштириш 200 / 27 27 20

сўлаштириш 150 / 27 24 20

сўлаштириш 50 / 27 27

сўлаштириш 10 20 20

сўлаштириш 10 20 20

APUS

сўлаштириш 100 20 20 20

Сўлаштириш 4000 / 4000 / 3000 / 300 / 700 / 60 / 60 / 3

Сўлаштириш 54 / 3

Сўлаштириш 7500 / 2200 / 3



MHC 23



1
00:00:13,669 --> 00:00:10,870
uh we are aligned exactly with the uh

2
00:00:17,189 --> 00:00:13,679
access of the docking port

3
00:00:17,199 --> 00:00:20,710
leads to come on

4
00:00:25,269 --> 00:00:23,109
now receiving video from the soyuz

5
00:00:27,269 --> 00:00:25,279
vehicle as uh we have begun a trek

6
00:00:29,669 --> 00:00:27,279
across a string of russian ground

7
00:00:31,429 --> 00:00:29,679
stations 58 meters separating the two

8
00:00:33,110 --> 00:00:31,439
vehicles yuri malenchenko the soyuz

9
00:00:34,069 --> 00:00:33,120
commander flying under the call sign of

10
00:00:36,549 --> 00:00:34,079
agat

11
00:00:39,270 --> 00:00:36,559
which is uh the word for a very lustrous

12
00:00:41,830 --> 00:00:39,280
stone uh he's calling out the precise

13
00:00:46,069 --> 00:00:41,840

alignment of that crosshaired docking

14

00:00:48,310 --> 00:00:46,079

camera with uh the docking target on the

15

00:00:55,430 --> 00:00:48,320

rossviet module everything continuing to

16

00:01:01,110 --> 00:00:57,750

we can for mrs prepare group

17

00:01:14,550 --> 00:01:03,910

final approach parameters are nominal

18

00:01:14,560 --> 00:01:49,270

hmm

19

00:01:53,030 --> 00:01:51,429

now flying over northwest kazakhstan

20

00:01:54,550 --> 00:01:53,040

just 40 meters away from the

21

00:01:56,709 --> 00:01:54,560

international space station the

22

00:01:58,389 --> 00:01:56,719

three-section soyuz vehicle the forward

23

00:02:00,709 --> 00:01:58,399

section is the orbital module with the

24

00:02:02,230 --> 00:02:00,719

forward docking probe extended ready to

25

00:02:04,950 --> 00:02:02,240

come into contact with the rossview

26

00:02:07,350 --> 00:02:04,960

module docking port the crew

27

00:02:10,469 --> 00:02:07,360

malenchenko williams and hoshide are in

28

00:02:12,390 --> 00:02:10,479

their contoured custom-made seat liners

29

00:02:14,229 --> 00:02:12,400

uh in the center section the descent

30

00:02:16,150 --> 00:02:14,239

module the only portion of the soyuz

31

00:02:17,670 --> 00:02:16,160

that returns to earth and at the very

32

00:02:19,589 --> 00:02:17,680

back end that white section with the

33

00:02:21,670 --> 00:02:19,599

solar rays is the instrumentation and

34

00:02:23,670 --> 00:02:21,680

propulsion module obviously where the

35

00:02:43,190 --> 00:02:23,680

propellant tanks and the engines are

36

00:02:43,200 --> 00:03:16,869

copy

37

00:03:16,879 --> 00:03:30,630

foreign

38

00:03:35,509 --> 00:03:32,630

approaching 20 meters

39

00:03:37,990 --> 00:03:35,519

the target is in the center

40

00:03:39,270 --> 00:03:38,000

a slight deviation and of course

41

00:03:44,390 --> 00:03:39,280

less than

42

00:03:50,229 --> 00:03:47,030

the electronic voice of yuri malenchenko

43

00:03:52,789 --> 00:03:50,239

the soyuz commander uh reporting uh that

44

00:03:56,149 --> 00:03:52,799

his vehicle is close to 20 meters away

45

00:03:58,949 --> 00:03:56,159

from the international space station now

46

00:04:01,670 --> 00:03:58,959

the space station one million pounds of

47

00:04:04,789 --> 00:04:01,680

mass the soyuz vehicle and an orbital

48

00:04:08,229 --> 00:04:04,799

ballet just meters away from one another

49

00:04:12,550 --> 00:04:08,239

traveling at five miles a second

50

00:04:12,560 --> 00:04:17,270

we confirmed small role

51
00:04:24,790 --> 00:04:19,030
and the

52
00:04:31,670 --> 00:04:24,800
is being compensated and we are still

53
00:04:31,680 --> 00:04:46,150
so

54
00:04:51,189 --> 00:04:49,749
we are crossing 15 meters the rate is

55
00:04:53,830 --> 00:04:51,199
normal

56
00:05:28,629 --> 00:04:53,840
uh the uh target is very close to the

57
00:05:32,230 --> 00:05:30,230
you can see the cores automated

58
00:05:34,310 --> 00:05:32,240
rendezvous system uh the crosshairs and

59
00:05:35,670 --> 00:05:34,320
this engineering view uh just about

60
00:05:38,390 --> 00:05:35,680
perfectly aligned with the docking

61
00:06:02,710 --> 00:05:38,400
target on the rassvet module just 10

62
00:06:08,070 --> 00:06:04,870
now inside four meters standing by for

63
00:06:14,790 --> 00:06:10,550

all parameters are within the range

64

00:06:14,800 --> 00:06:30,469

hockey

65

00:06:34,870 --> 00:06:32,469

but again everything is within the range

66

00:06:36,870 --> 00:06:34,880

has been compensated

67

00:06:41,029 --> 00:06:36,880

the rate is normal standing by for

68

00:06:44,309 --> 00:06:42,550

uh the target

69

00:06:46,390 --> 00:06:44,319

yes

70

00:06:48,150 --> 00:06:46,400

almost at the center because here's the

71

00:06:49,830 --> 00:06:48,160

one

72

00:06:51,510 --> 00:06:49,840

contact confirmed

73

00:06:53,670 --> 00:06:51,520

capture confirmed

74

00:06:59,749 --> 00:06:53,680

docking confirmed

75

00:07:04,589 --> 00:06:59,759

time 12 51 a.m eastern time over

76

00:07:22,150 --> 00:07:06,870

751 lost

77

00:07:27,990 --> 00:07:24,950

again docking confirmed at 11 51 pm

78

00:07:29,670 --> 00:07:28,000

central time 12 51 a.m eastern time as

79

00:07:31,110 --> 00:07:29,680

the soyuz and the international space

80

00:07:31,990 --> 00:07:31,120

station

81

00:07:33,830 --> 00:07:32,000

the

82

00:07:35,350 --> 00:07:33,840

probe is

83

00:07:42,150 --> 00:07:35,360

being extended

84

00:07:46,550 --> 00:07:43,749

the international space station and the

85

00:07:48,469 --> 00:07:46,560

soyuz flying 252 miles over northeast

86

00:07:49,749 --> 00:07:48,479

kazakhstan at the time of contact and

87

00:07:50,790 --> 00:07:49,759

capture

88

00:07:52,869 --> 00:07:50,800

the uh

89

00:07:54,869 --> 00:07:52,879
station is now in free drift all

90

00:07:56,309 --> 00:07:54,879
thrusters are currently disabled to

91

00:07:58,309 --> 00:07:56,319
enable the relative motion between the

92

00:08:02,309 --> 00:07:58,319
two vehicles to dampen out for the

93

00:08:02,319 --> 00:08:07,990
thank you very much

94

00:08:11,350 --> 00:08:09,510
malenchenko acknowledging uh

95

00:08:12,710 --> 00:08:11,360
congratulations from flight controllers

96

00:08:14,629 --> 00:08:12,720
here at the russian mission control

97

00:08:16,469 --> 00:08:14,639
center in curry off

98

00:08:18,309 --> 00:08:16,479
so on the 37th anniversary of that

99

00:08:20,309 --> 00:08:18,319
famous handshake in space by tom

100

00:08:22,230 --> 00:08:20,319
stafford and alexey leonov during the

101
00:08:24,230 --> 00:08:22,240
apollo soyuz mission

102
00:08:28,869 --> 00:08:24,240
another union of crews takes place to

103
00:08:41,269 --> 00:08:31,189
again

104
00:08:45,190 --> 00:08:43,430
and wasting little time of the visiting

105
00:08:47,670 --> 00:08:45,200
vehicle officer reports that the forward

106
00:08:49,910 --> 00:08:47,680
docking probe on the soyuz is currently

107
00:08:50,630 --> 00:08:49,920
being retracted that will bring of the

108
00:08:52,870 --> 00:08:50,640
two

109
00:08:55,030 --> 00:08:52,880
docking interfaces between the station

110
00:08:57,509 --> 00:08:55,040
and the soyuz into

111
00:08:59,910 --> 00:08:57,519
a firm mate with one another and enable

112
00:09:35,110 --> 00:08:59,920
the hooks to begin the initiation of

113
00:09:46,389 --> 00:09:36,389

agate

114

00:09:46,399 --> 00:09:55,990

moscow

115

00:10:02,389 --> 00:09:58,470

we're in the process of measurement we

116

00:10:05,990 --> 00:10:04,550

at 7 53

117

00:10:09,030 --> 00:10:06,000

that would be the time of the actual

118

00:10:11,030 --> 00:10:09,040

measurement right yes affirmative

119

00:10:12,389 --> 00:10:11,040

what is the essa pressure eight three

120

00:10:13,350 --> 00:10:12,399

five good

121

00:10:15,990 --> 00:10:13,360

better

122

00:10:17,590 --> 00:10:16,000

question orbital compartment

123

00:10:26,630 --> 00:10:17,600

eight or

124

00:10:30,790 --> 00:10:29,829

so a smooth and uneventful docking by

125

00:10:31,990 --> 00:10:30,800

the book

126
00:10:33,269 --> 00:10:32,000
executed

127
00:10:34,470 --> 00:10:33,279
automatically

128
00:10:36,389 --> 00:10:34,480
through the

129
00:10:39,110 --> 00:10:36,399
work of the crew on board the the soyuz

130
00:10:41,509 --> 00:10:39,120
tma-05m the soyuz commander yuri

131
00:10:44,150 --> 00:10:41,519
malenchenko in the center seat

132
00:10:47,590 --> 00:10:44,160
of the soyuz's descent module

133
00:10:49,509 --> 00:10:47,600
flanked on his left by board engineer

134
00:10:52,790 --> 00:10:49,519
sonny williams the nasa flight engineer

135
00:10:55,350 --> 00:10:52,800
and on his right by aki hoshide

136
00:10:56,389 --> 00:10:55,360
of the japan aerospace exploration

137
00:10:58,389 --> 00:10:56,399
agency

138
00:11:01,590 --> 00:10:58,399

the docking probe on the forward end of

139

00:11:04,069 --> 00:11:01,600

the soyuz is retracting that will be

140

00:11:05,110 --> 00:11:04,079

completed to initiate the closing of the

141

00:11:07,430 --> 00:11:05,120

hooks

142

00:11:09,269 --> 00:11:07,440

from the soyuz vehicle to form a hard

143

00:11:12,389 --> 00:11:09,279

mate between the soyuz and the rossignol

144

00:11:14,470 --> 00:11:12,399

module docking port and to initiate a

145

00:11:16,550 --> 00:11:14,480

period of two orbits or three hours

146

00:11:18,870 --> 00:11:16,560

worth of leak checks to make sure we

147

00:11:20,310 --> 00:11:18,880

have a tight seal between the two craft

148

00:11:23,110 --> 00:11:20,320

leading to the pressurization of the

149

00:11:24,949 --> 00:11:23,120

small vestibule between the rassvet and

150

00:11:43,430 --> 00:11:24,959

the soyuz and the eventual opening of

151
00:11:47,269 --> 00:11:45,670
and as we mentioned uh it is noteworthy

152
00:11:50,230 --> 00:11:47,279
uh that today uh

153
00:11:52,949 --> 00:11:50,240
july 17th is the 37th anniversary of the

154
00:11:55,269 --> 00:11:52,959
docking of the apollo spacecraft that

155
00:11:57,190 --> 00:11:55,279
was commanded by tom stafford along with

156
00:11:58,310 --> 00:11:57,200
vance brand and dick slayton as his

157
00:12:01,110 --> 00:11:58,320
crewmates

158
00:12:03,670 --> 00:12:01,120
with the soyuz 19 spacecraft commanded

159
00:12:06,629 --> 00:12:03,680
by alexey leonov and his crewmate valeri

160
00:12:09,110 --> 00:12:06,639
kobasov as they linked up

161
00:12:11,590 --> 00:12:09,120
over the earth those five crew members

162
00:12:14,470 --> 00:12:11,600
in the apollo soyuz test project which

163
00:12:17,269 --> 00:12:14,480

uh 37 years ago was a significant

164

00:12:19,509 --> 00:12:17,279

engineering and political statement that

165

00:12:21,750 --> 00:12:19,519

brought the united states and what was

166

00:12:24,069 --> 00:12:21,760

then the soviet union together in a

167

00:12:25,670 --> 00:12:24,079

project that resulted in the initiation

168

00:12:28,389 --> 00:12:25,680

of the joint cooperation that we have

169

00:12:30,710 --> 00:12:28,399

seen evolve over the course of three and

170

00:12:32,949 --> 00:12:30,720

a half decades to lead to the

171

00:12:35,509 --> 00:12:32,959

international space station assembly and

172

00:12:37,509 --> 00:12:35,519

its current utilization the docking of

173

00:12:42,069 --> 00:12:37,519

the apollo and the soyuz occurring on

174

00:12:44,949 --> 00:12:42,079

july 17 1975 at 1109 am central time

175

00:12:47,350 --> 00:12:44,959

1209 pm eastern time as the two

176

00:12:49,269 --> 00:12:47,360

spacecraft flew over the earth with the

177

00:12:51,590 --> 00:12:49,279

hatch opening and handshakes between

178

00:12:54,949 --> 00:12:51,600

stafford and leonov occurring over the

179

00:12:56,870 --> 00:12:54,959

town of mets in france

180

00:12:59,430 --> 00:12:56,880

that opened up two days of joint

181

00:13:32,710 --> 00:12:59,440

operations a very significant historic

182

00:13:52,949 --> 00:13:36,150

we see the cycling

183

00:13:52,959 --> 00:14:21,990

uh

184

00:14:26,230 --> 00:14:24,069

this is mission controlled corey off we

185

00:14:28,790 --> 00:14:26,240

now have confirmation that the hooks are

186

00:14:30,389 --> 00:14:28,800

closed on the soyuz vehicle at the

187

00:14:32,389 --> 00:14:30,399

docking interface with the rossviet

188

00:14:34,629 --> 00:14:32,399

module so we now have a hard mate

189

00:14:38,230 --> 00:14:34,639

between soyuz and the international

190

00:14:40,069 --> 00:14:38,240

space station after a flawless docking

191

00:14:43,990 --> 00:14:40,079

between the two craft that occurred once

192

00:14:46,550 --> 00:14:44,000

again at 11 51 pm central time 12 51 a.m

193

00:14:49,910 --> 00:14:46,560

eastern time as the two spacecraft flew