

041 СВЛМЖ ПРМЧЛД Т=05 53:04
ЛСК ГСО 1234

АСМТ КЗВ ДУС123 1
К1 0.0 ПРМЧЛД КУРС 1
Р 170.0 ССВП 0.0

ФП 0.25
ФР 0.10
ФУ 0.00

ФZ 0.05
Ф

р 0.019 км
р 0.10 м/с
БАЗА АР
р 0.015
р 0.10

С1 76601
00 БОГЬ ССВП 0.0

1
00:00:03,570 --> 00:00:08,742
>> THE 1,150 IS THE RANGE, AND

2
00:00:08,742 --> 00:00:17,183
THE RATE, 4.1, S1 IS IS 392.1 M.

3
00:00:17,183 --> 00:00:19,018
WE HAVE TRANSITIONED --

4
00:00:19,018 --> 00:00:19,753
>> PLEASE CONFIRM.

5
00:00:19,753 --> 00:00:21,554
>> AND CONFIRMATION OF THE FLY

6
00:00:21,554 --> 00:00:24,524
AROUND HAS BEGUN, SO THE SOYUZ

7
00:00:24,524 --> 00:00:26,593
UNDER 400 METERS AWAY FROM THE

8
00:00:26,593 --> 00:00:27,961
STATION, EXECUTING THIS FLY

9
00:00:27,961 --> 00:00:29,662
AROUND MANEUVER, AND THIS AGAIN

10
00:00:29,662 --> 00:00:32,866
IS JUST GOING TO BE TO SWING THE

11
00:00:32,866 --> 00:00:34,367
VEHICLE UP OVER TO THE TOP SIDE,

12
00:00:34,367 --> 00:00:37,537
JUST TO ALIGN WIT THAT DOCKING

13
00:00:37,537 --> 00:00:39,539

MODULE WHICH AGAIN IS ON SPACE

14

00:00:39,539 --> 00:00:40,540

STATION 5, ESSENTIALLY THE TOP

15

00:00:40,540 --> 00:00:42,075

OF THE INTERNATIONAL SPACE

16

00:00:42,075 --> 00:00:43,943

STATION, SOYUZ IS GOING TO SWING

17

00:00:43,943 --> 00:00:48,214

ITS WAY UP THERE, RIGHT BACK

18

00:00:48,214 --> 00:00:49,616

DOWN, AND THEN ALIGN ITSELF UP

19

00:00:49,616 --> 00:00:52,385

FOR DOCKING WHICH IS ABOUT 22

20

00:00:52,385 --> 00:00:55,054

AND A HALF MINUTES AWAY FROM THE

21

00:00:55,054 --> 00:00:56,189

SCHEDULED TIME, EVERYTHING GOING

22

00:00:56,189 --> 00:00:58,024

VERY SMOOTHLY WITH THIS VEHICLE.

23

00:00:58,024 --> 00:01:00,293

THE AUTOMATED RENDEZVOUS NOT

24

00:01:00,293 --> 00:01:02,429

TRACKING ANY ISSUES.

25

00:01:02,429 --> 00:01:05,265

SOYUZ CRAFT CONTINUING ITS NIGHT

26
00:01:05,265 --> 00:01:06,900
WITH THREE C YORGI RIGHT AT THEF

27
00:01:06,900 --> 00:01:08,501
THE FLY AROUND, BE READY TO SEND

28
00:01:08,501 --> 00:01:08,735
--

29
00:01:08,735 --> 00:01:10,437
>> SO ANOTHER VIEW FROM ONE OF

30
00:01:10,437 --> 00:01:12,372
THE CAMERAS IN THE OUTSIDE OF

31
00:01:12,372 --> 00:01:13,740
THE INTERNATIONAL SPACE STATION,

32
00:01:13,740 --> 00:01:15,809
THIS ONE, THIS CARRIES A BIT OF

33
00:01:15,809 --> 00:01:20,013
A YELLOW HUGH TO IT, SO IT IS

34
00:01:20,013 --> 00:01:22,215
NOT REAL COLOR BUT YOU SEE THE

35
00:01:22,215 --> 00:01:25,051
SOYUZ CONTINUING TO FLY AROUND,

36
00:01:25,051 --> 00:01:26,052
ALMOST, IT IS ELEMENT COMPLETE

37
00:01:26,052 --> 00:01:27,520
WITH THIS FLY AROUND, A LITTLE

38
00:01:27,520 --> 00:01:28,488

OVER 200 METERS AWAY FROM THE

39

00:01:28,488 --> 00:01:30,290
STATION RIGHT NOW.

40

00:01:30,290 --> 00:01:33,393
IT SHOULD BE STARTING S SEEING E

41

00:01:33,393 --> 00:01:35,328
CENTER OF THE PERISCOPE.

42

00:01:35,328 --> 00:01:36,496
>> WE ARE ACCEPTING THE IMAGE

43

00:01:36,496 --> 00:01:38,364
RIGHT NOW -- WE ARE RECEIVING

44

00:01:38,364 --> 00:01:42,502
THE IMAGE RIGHT NOW.

45

00:01:42,502 --> 00:01:47,106
>> MOSCOW, 67 METERS IS THE

46

00:01:47,106 --> 00:01:47,407
RANGE.

47

00:01:47,407 --> 00:01:53,179
THE RATE IS .07 TEEN AND THE

48

00:01:53,179 --> 00:01:59,519
VALUE S IS NOMINAL, COPY.

49

00:01:59,519 --> 00:02:06,593
>> 60 METERS IS THE RANGE.

50

00:02:06,593 --> 00:02:10,163
THE DOCKING POINT IS AFT AND THE

51
00:02:10,163 --> 00:02:13,366
RATE IS 0.18.

52
00:02:13,366 --> 00:02:16,736
>> LESS THAN 50 METERS TO GO.

53
00:02:16,736 --> 00:02:18,304
AGAIN, IT IS GOING TO CONTINUE

54
00:02:18,304 --> 00:02:21,274
TO SLOW DOWN, CURRENT TO ABOUT

55
00:02:21,274 --> 00:02:22,108
.17 METERS PER SECOND, GOING TO

56
00:02:22,108 --> 00:02:23,276
GO ALL THE WAY DOWN TO ABOUT A

57
00:02:23,276 --> 00:02:25,545
TENTH OF A METER PER SECOND AND

58
00:02:25,545 --> 00:02:27,881
THE SOYUZ FLYING AUTOMATICALLY,

59
00:02:27,881 --> 00:02:29,816
THAT COORS RENDEZVOUS SYSTEM

60
00:02:29,816 --> 00:02:31,284
DRIVING THE VEHICLE TOWARDS THAT

61
00:02:31,284 --> 00:02:33,086
DOCKING PORT.

62
00:02:33,086 --> 00:02:34,320
IT WILL BE A FEW MINUTES AWAY

63
00:02:34,320 --> 00:02:38,992

FROM THAT INITIAL CONTACT AND

64

00:02:38,992 --> 00:02:39,325
CAPTURE.

65

00:02:39,325 --> 00:02:40,693
>> THE KNOCKING PROBE ON THE TOP

66

00:02:40,693 --> 00:02:43,997
OF THE SOYUZ WILL CONTRACT AND

67

00:02:43,997 --> 00:02:46,232
DRAW IT INTO THE DOCKING PORT

68

00:02:46,232 --> 00:02:47,500
AND THEN ONCE THAT IS ALL

69

00:02:47,500 --> 00:02:49,636
COMPLETE THEY WILL AGAIN BE ABLE

70

00:02:49,636 --> 00:02:52,739
TO DO THE A -- WILL DRIVE THE

71

00:02:52,739 --> 00:02:54,774
SOYUZ AND THE DOCKING PORT TO

72

00:02:54,774 --> 00:02:56,776
REALLY SECURELY HOLD THE VEHICLE

73

00:02:56,776 --> 00:02:58,378
IN PLACE WHERE IT IS GOING TO

74

00:02:58,378 --> 00:02:59,979
REMAIN FOR THE NEXT FIVE MONTHS.

75

00:02:59,979 --> 00:03:01,814
SO UNDER 40 METERS AWAY

76

00:03:01,814 --> 00:03:03,082

CONTINUING THIS FINAL APPROACH,

77

00:03:03,082 --> 00:03:04,217

THREE NEW CREW MEMBERS, ALMOST

78

00:03:04,217 --> 00:03:05,618

AT THEIR NEW HOME ON THE

79

00:03:05,618 --> 00:03:08,054

INTERNATIONAL SPACE STATION.

80

00:03:08,054 --> 00:03:09,622

>> 37 METERS IS THE RANGE.

81

00:03:09,622 --> 00:03:11,791

THE RATE IS .12.

82

00:03:11,791 --> 00:03:12,992

THE TARGET IS IN THE CENTER OF

83

00:03:12,992 --> 00:03:16,863

THE PERISCOPE.

84

00:03:16,863 --> 00:03:28,942

>> COPY.

85

00:03:28,942 --> 00:03:30,710

YOU CAN SEE SOME SHADOWS

86

00:03:30,710 --> 00:03:33,479

BEGINNING TO CROP UP ON THE

87

00:03:33,479 --> 00:03:34,714

VEHICLE, IT IS ABOUT TO STEP ON

88

00:03:34,714 --> 00:03:35,982

THE INTERNATIONAL SPACE STATION

89

00:03:35,982 --> 00:03:37,483

WHILE IT IS FLYING OVER THE

90

00:03:37,483 --> 00:03:41,521

SOUTHERN PACIFIC OCEAN RIGHT

91

00:03:41,521 --> 00:03:42,722

NOW.

92

00:03:42,722 --> 00:03:46,826

DIAMETER OF THE DOCKING PORT IS

93

00:03:46,826 --> 00:03:49,062

-- 30 METERS.

94

00:03:49,062 --> 00:03:50,229

.14 IS THE RATE.

95

00:03:50,229 --> 00:03:51,331

THE STARTING IN THE CENTER OF

96

00:03:51,331 --> 00:03:52,699

THE PERISCOPE.

97

00:03:52,699 --> 00:03:56,536

>> COPY.

98

00:03:56,536 --> 00:03:59,305

>> -- THE TARGET IS IN THE

99

00:03:59,305 --> 00:04:02,709

CENTER OF THE PERISCOPE.

100

00:04:02,709 --> 00:04:05,878

>> TWO AND A HALF SQUARES

101
00:04:05,878 --> 00:04:07,513
DIAMETER OF THE DOCKING PORT.

102
00:04:07,513 --> 00:04:10,950
THE TARGET IS HALF OF THE SQUARE

103
00:04:10,950 --> 00:04:18,858
TO THE RIGHT OF THE -- COPY.

104
00:04:18,858 --> 00:04:29,802
>> THE RANGE IS 26 METERS.

105
00:04:29,802 --> 00:04:35,375
THE RATE IS 0.1.

106
00:04:35,375 --> 00:04:38,077
>> THE TARGET IS HALF A SQUARE

107
00:04:38,077 --> 00:04:40,146
TO THE RIGHT OF THE CROSSHAIRS

108
00:04:40,146 --> 00:04:42,849
OF THE PERISCOPE.

109
00:04:42,849 --> 00:04:48,021
WE HAVE -- IS READY.

110
00:04:48,021 --> 00:04:50,089
>> THEY ARE JUST ABOUT 24 METERS

111
00:04:50,089 --> 00:04:51,824
AWAY NOW.

112
00:04:51,824 --> 00:04:53,960
CHART AGO VERY SLOW AND STEADY

113
00:04:53,960 --> 00:04:57,196

PATH TOWARDS THE VOICE MODULE ON

114

00:04:57,196 --> 00:05:00,400

THE SPACE FACING SIDE OF THE

115

00:05:00,400 --> 00:05:00,867

SPACE STATION.

116

00:05:00,867 --> 00:05:02,435

>> THE DOCKING PORT IS THREE

117

00:05:02,435 --> 00:05:04,270

SQUARES. THE RANGE IS

118

00:05:04,270 --> 00:05:04,637

20 METERS.

119

00:05:04,637 --> 00:05:07,507

THE TARGET IS AT THE CENTER AND

120

00:05:07,507 --> 00:05:09,842

THE CROSSHAIRS ARE ALIGNED.

121

00:05:09,842 --> 00:05:12,845

COPY.

122

00:05:12,845 --> 00:05:26,292

>> SO THE TARGET, WHICH IS ONE

123

00:05:26,292 --> 00:05:27,427

SQUARE, THE TARGET IS IN THE

124

00:05:27,427 --> 00:05:30,463

CENTER OF THE PERISCOPE.

125

00:05:30,463 --> 00:05:31,998

>> COPY.

126

00:05:31,998 --> 00:05:34,400

>> WE ARE RECEIVING.

127

00:05:34,400 --> 00:05:37,036

VERY STABLE IMAGE ON THE GROUND.

128

00:05:37,036 --> 00:05:43,443

THERE IS LITTLE DISCREPANCY IN

129

00:05:43,443 --> 00:05:43,743

ROLL.

130

00:05:43,743 --> 00:05:49,382

SO THE RATE IS 0.1.

131

00:05:55,021 --> 00:05:52,819

>>

132

00:05:55,021 --> 00:05:57,590

THE TARGET IS IN THE CENTER OF

133

00:05:57,590 --> 00:05:58,758

THE PERISCOPE.

134

00:05:58,758 --> 00:06:01,761

COPY.

135

00:06:01,761 --> 00:06:05,698

>> WE ARE AT THE FINAL STAGES OF

136

00:06:05,698 --> 00:06:06,933

THE ORDEAL.

137

00:06:06,933 --> 00:06:09,936

CONFIRMED.

138

00:06:25,251 --> 00:06:20,379

>>

139

00:06:25,251 --> 00:06:26,652

0.12 IS THE RATE.

140

00:06:26,652 --> 00:06:28,154

THE CROSSES ARE ALIGNED AND THE

141

00:06:28,154 --> 00:06:30,156

TARGET IS IN THE CENTER.

142

00:06:30,156 --> 00:06:33,092

COPY.

143

00:06:33,092 --> 00:06:37,597

>> COPY TO CONFIRM.

144

00:06:51,043 --> 00:06:45,471

>>

145

00:06:51,043 --> 00:06:55,581

THE RATE IS 0.12 AND THE SQUARE

146

00:06:55,581 --> 00:06:57,083

AND A HALF IS THE TARGET.

147

00:06:57,083 --> 00:06:58,384

THE TARGET IS IN THE CENTER OF

148

00:06:58,384 --> 00:07:00,787

THE PERISCOPE, THE CROSSHAIRS

149

00:07:00,787 --> 00:07:02,121

ARE ALIGNED.

150

00:07:02,121 --> 00:07:03,689

COPY.

151
00:07:03,689 --> 00:07:09,829
>> 2-POINT, -- TWO AND A HALF

152
00:07:09,829 --> 00:07:10,630
SQUARES, THE --

153
00:07:10,630 --> 00:07:14,300
>> SINGLE DIGITS.

154
00:07:14,300 --> 00:07:15,301
JUST NINE METERS AWAY.

155
00:07:15,301 --> 00:07:17,103
WE WILL GET YOU AN EXACT TIME.

156
00:07:17,103 --> 00:07:18,838
IT IS VERY CLOSE NOW TO THE

157
00:07:18,838 --> 00:07:21,007
SOYUZ DOCTORING THE VOICE

158
00:07:21,007 --> 00:07:23,543
MODULE.

159
00:07:23,543 --> 00:07:27,713
>> -- SOYUZ DOCKING TO THE VOICE

160
00:07:27,713 --> 00:07:30,783
MODULE.

161
00:07:30,783 --> 00:07:41,327
>> STANDING BY FOR CONTACT AND

162
00:07:41,327 --> 00:07:44,363
CAPTURE.

163
00:07:50,236 --> 00:07:48,201

>>

164

00:07:50,236 --> 00:07:54,974

WE HAVE CONTACT AND WE HAVE

165

00:07:54,974 --> 00:07:59,579

DOCKING MECHANISM ENGAGED.

166

00:07:59,579 --> 00:07:59,879

COPY.

167

00:07:59,879 --> 00:08:01,614

>> AND YOU HEARD IT.

168

00:08:01,614 --> 00:08:03,883

CONTACTING CAPTURE, DOCKING

169

00:08:03,883 --> 00:08:04,951

CONFIRMED.

170

00:08:04,951 --> 00:08:10,156

NINE 55:00 P.M. CENTRAL TIME.