



1  
00:00:18,230 --> 00:00:16,470  
farewell

2  
00:00:21,590 --> 00:00:18,240  
that we promised earlier this is of

3  
00:00:23,830 --> 00:00:21,600  
course this uh video of the crew

4  
00:00:26,470 --> 00:00:23,840  
staying there for a while

5  
00:00:28,150 --> 00:00:26,480  
dan burbank

6  
00:00:32,229 --> 00:00:28,160  
and holds catheroff and anatoly

7  
00:00:33,990 --> 00:00:32,239  
ivanishin got into their soyuz tma-22

8  
00:00:36,470 --> 00:00:34,000  
and it closed the hatches that took

9  
00:00:42,310 --> 00:00:36,480  
place at 12 12 a.m central time this

10  
00:00:45,110 --> 00:00:44,229  
in the foreground of this view you can

11  
00:00:47,350 --> 00:00:45,120  
see

12  
00:00:50,389 --> 00:00:47,360  
on the left hand side

13  
00:00:52,310 --> 00:00:50,399

anatoly ivanishin and on the right uh

14

00:01:30,469 --> 00:00:52,320

andre kuipers one of the three crew

15

00:01:52,550 --> 00:01:31,670

take care

16

00:01:56,149 --> 00:01:54,550

if you hear of course of the station

17

00:01:57,990 --> 00:01:56,159

side of the hatch between the

18

00:02:00,310 --> 00:01:58,000

international space station

19

00:02:03,429 --> 00:02:00,320

uh or its poisk mini research module

20

00:02:06,230 --> 00:02:03,439

anyway and the soyuz tma-22 that's going

21

00:02:09,510 --> 00:02:06,240

to be carrying home

22

00:02:10,710 --> 00:02:09,520

dan burbank anton shkaplerov and anatoly

23

00:02:12,150 --> 00:02:10,720

ivanishin

24

00:02:14,550 --> 00:02:12,160

this morning they're scheduled to land

25

00:02:16,869 --> 00:02:14,560

at 6 45 a.m central time

26  
00:02:18,390 --> 00:02:16,879  
this uh hatch closing that you're seeing

27  
00:02:21,030 --> 00:02:18,400  
actually took place a little earlier

28  
00:02:23,110 --> 00:02:21,040  
tonight finishing up at 12 12 a.m

29  
00:02:24,869 --> 00:02:23,120  
central time

30  
00:02:27,350 --> 00:02:24,879  
since then they have been working to

31  
00:02:29,589 --> 00:02:27,360  
perform a series of leak checks and team

32  
00:02:30,869 --> 00:02:29,599  
here in the space station flight control

33  
00:02:32,150 --> 00:02:30,879  
room in the mission control center in

34  
00:02:34,630 --> 00:02:32,160  
houston

35  
00:02:36,470 --> 00:02:34,640  
just reported that they had a good

36  
00:02:38,550 --> 00:02:36,480  
leak check of the vestibule

37  
00:02:41,830 --> 00:02:38,560  
between the two vehicles so those are

38  
00:02:41,840 --> 00:03:01,910

on time and as planned

39

00:03:06,710 --> 00:03:03,190

as you can see

40

00:03:09,270 --> 00:03:06,720

so we use tma-22 now undocking that took

41

00:03:10,229 --> 00:03:09,280

place right on time at 3 18 a.m central

42

00:03:12,790 --> 00:03:10,239

time

43

00:03:15,030 --> 00:03:12,800

officially wrapping up expedition 30 and

44

00:03:16,790 --> 00:03:15,040

ending commander dan burbanks

45

00:03:18,470 --> 00:03:16,800

and flight engineers anton shkaplerov

46

00:03:21,030 --> 00:03:18,480

and anatoly ivanishin's time at the

47

00:03:23,750 --> 00:03:21,040

space station

48

00:03:25,110 --> 00:03:23,760

it's been a total of 163 days aboard the

49

00:03:26,390 --> 00:03:25,120

international space station since

50

00:03:29,990 --> 00:03:26,400

they're talking to the poisk mini

51  
00:03:53,270 --> 00:03:30,000  
research module 2 on november 15th at 11

52  
00:03:53,280 --> 00:04:07,030  
foreign

53  
00:04:12,789 --> 00:04:08,630  
a little less than two minutes to go now

54  
00:04:15,350 --> 00:04:12,799  
until that uh separation burn that will

55  
00:04:18,150 --> 00:04:15,360  
require

56  
00:04:20,150 --> 00:04:18,160  
to fire the soyuz jets for 15 seconds

57  
00:04:55,350 --> 00:04:20,160  
and move it away from the international

58  
00:04:59,749 --> 00:04:57,749  
didn't is see a view here from the soyuz

59  
00:05:01,749 --> 00:04:59,759  
of the international space station as it

60  
00:05:14,790 --> 00:05:01,759  
backs away from the poisk mini research

61  
00:05:14,800 --> 00:05:33,110  
foreign

62  
00:05:33,120 --> 00:05:49,510  
adding another

63  
00:05:54,790 --> 00:05:50,870

just a few seconds now until the

64

00:05:54,800 --> 00:05:59,510

up

65

00:05:59,520 --> 00:06:15,909

can this last 15 seconds

66

00:06:22,390 --> 00:06:18,230

and the team here in michigan crawl

67

00:06:27,029 --> 00:06:24,790

soyuz tma-22 is now moving away from the

68

00:06:29,189 --> 00:06:27,039

space station at a rate of about 1.2

69

00:06:30,629 --> 00:06:29,199

miles per hour which should put them in

70

00:06:32,150 --> 00:06:30,639

a safe distance

71

00:06:33,270 --> 00:06:32,160

and time for the orbit burn that will

72

00:06:35,029 --> 00:06:33,280

drop them back into the earth's

73

00:07:15,270 --> 00:06:35,039

atmosphere and put them

74

00:07:19,270 --> 00:07:17,110

once again with this undocking comes the

75

00:07:22,550 --> 00:07:19,280

official end of expedition 30 at the

76  
00:07:25,270 --> 00:07:22,560  
international space station and uh

77  
00:07:27,589 --> 00:07:25,280  
although the baton was ceremonially

78  
00:07:29,749 --> 00:07:27,599  
passed and a change of command ceremony

79  
00:07:31,270 --> 00:07:29,759  
on wednesday this also marks the

80  
00:07:33,110 --> 00:07:31,280  
official beginning

81  
00:07:35,189 --> 00:07:33,120  
of uh

82  
00:07:50,390 --> 00:07:35,199  
oleg kononenko's time as commander of

83  
00:07:52,469 --> 00:07:51,670  
view there in the foreground of one of

84  
00:07:59,589 --> 00:07:52,479  
the

85  
00:08:01,670 --> 00:07:59,599  
descent to its landing site and

86  
00:08:03,110 --> 00:08:01,680  
coming up as you can see on that

87  
00:08:04,390 --> 00:08:03,120  
touchdown

88  
00:08:26,629 --> 00:08:04,400

just a

89

00:08:29,749 --> 00:08:28,550

and the team here in the

90

00:08:31,990 --> 00:08:29,759

international space station flight

91

00:08:34,949 --> 00:08:32,000

control room confirming that the

92

00:08:41,589 --> 00:08:34,959

soyuz tma-22 has touched down in

93

00:09:14,630 --> 00:09:06,389

oh

94

00:09:17,910 --> 00:09:16,150

and you see the first of the crew

95

00:09:19,430 --> 00:09:17,920

members has

96

00:09:22,550 --> 00:09:19,440

been removed from

97

00:09:23,750 --> 00:09:22,560

the soyuz capsule

98

00:09:26,389 --> 00:09:23,760

this is uh

99

00:09:30,230 --> 00:09:26,399

anton shkaplerov who was the commander

100

00:09:32,230 --> 00:09:30,240

of the soyuz for its landing he was

101  
00:09:37,110 --> 00:09:32,240  
seated in the center seat

102  
00:09:41,110 --> 00:09:37,120  
as such was the first to be taken out

103  
00:09:44,310 --> 00:09:43,030  
his crewmates

104  
00:09:46,389 --> 00:09:44,320  
anatoly

105  
00:09:59,030 --> 00:09:46,399  
ivanishin and

106  
00:09:59,040 --> 00:10:04,870  
thank you

107  
00:10:07,990 --> 00:10:06,310  
we're about to get the second of the

108  
00:10:08,949 --> 00:10:08,000  
three crew members out

109  
00:10:11,670 --> 00:10:08,959  
uh

110  
00:10:14,310 --> 00:10:11,680  
this process whether the soyuz lands

111  
00:10:16,230 --> 00:10:14,320  
upright or on its side does take a few

112  
00:10:18,310 --> 00:10:16,240  
minutes to complete

113  
00:10:19,829 --> 00:10:18,320

but they're working methodically to

114

00:10:21,430 --> 00:10:19,839

extract the crew members and get them

115

00:10:24,230 --> 00:10:21,440

into their respective seats the other

116

00:10:26,310 --> 00:10:24,240

two crew members that is uh typically

117

00:10:28,310 --> 00:10:26,320

typically the uh

118

00:10:30,630 --> 00:10:28,320

left cedar uh which would be anatoly

119

00:10:32,949 --> 00:10:30,640

ivanishin would be the second one out

120

00:10:34,870 --> 00:10:32,959

we'll see if that is the case uh here

121

00:10:36,949 --> 00:10:34,880

sometimes they reverse the order of the

122

00:10:39,750 --> 00:10:36,959

second and third crew members that looks

123

00:10:44,230 --> 00:10:42,069

and it is in fact a venetian who is uh

124

00:10:47,030 --> 00:10:44,240

pulled out of the soyuz spacecraft

125

00:10:49,829 --> 00:10:47,040

flashing a broad smile as he is put in

126

00:10:53,110 --> 00:10:49,839

his reclining chair completing his first

127

00:10:56,150 --> 00:10:53,120

flight into space as did his russian

128

00:10:58,870 --> 00:10:56,160

crewmate anton shkaplerov uh this uh

129

00:11:01,829 --> 00:10:58,880

however just seemed to be one of the

130

00:11:04,150 --> 00:11:01,839

most pinpoint precise landings according

131

00:11:06,630 --> 00:11:04,160

to what we were told a moment ago

132

00:11:07,750 --> 00:11:06,640

before i went on the air the spacecraft

133

00:11:09,829 --> 00:11:07,760

landed

134

00:11:12,069 --> 00:11:09,839

almost exactly where it had been

135

00:11:14,710 --> 00:11:12,079

forecast to of course the search and

136

00:11:17,990 --> 00:11:14,720

recovery forces are tracking the soyuz

137

00:11:19,509 --> 00:11:18,000

through a beacon signal uh gps receivers

138

00:11:21,350 --> 00:11:19,519

uh they had

139

00:11:24,710 --> 00:11:21,360

voice contact and now applause comes up

140

00:11:27,030 --> 00:11:24,720

dan burbank now out of his

141

00:11:28,790 --> 00:11:27,040

and being carried to his chair we're

142

00:11:32,069 --> 00:11:28,800

going to walk over to see if we can get

143

00:11:38,310 --> 00:11:35,269

he is in the process of uh

144

00:11:41,350 --> 00:11:38,320

loosening uh the helmet that he wore

145

00:11:42,790 --> 00:11:41,360

during the descent back to earth but

146

00:11:45,990 --> 00:11:42,800

all three crew members now out of the

147

00:11:50,230 --> 00:11:48,870

chief astronaut uh peggy whitson uh is

148

00:11:51,670 --> 00:11:50,240

uh directly behind

149

00:11:53,990 --> 00:11:51,680

asking him if he needs anything at the

150

00:11:56,550 --> 00:11:54,000

moment dr smith johnston his flight

151

00:11:58,470 --> 00:11:56,560

surgeon and uh russian nurses are

152

00:12:00,310 --> 00:11:58,480

attending the burbank as well this is

153

00:12:03,190 --> 00:12:00,320

customary they're placing a blanket over

154

00:12:04,230 --> 00:12:03,200

his legs uh he'll have an opportunity to

155

00:12:06,870 --> 00:12:04,240

uh

156

00:12:08,870 --> 00:12:06,880

re-familiarize himself to the 1g

157

00:12:10,470 --> 00:12:08,880

environment here as

158

00:12:13,110 --> 00:12:10,480

the moments move on before they're

159

00:12:15,509 --> 00:12:13,120

hoisted back into their medical tent as

160

00:12:16,310 --> 00:12:15,519

i said to get their flight suits off and

161

00:12:20,550 --> 00:12:16,320

uh

162

00:12:22,150 --> 00:12:20,560

congratulations from one of the

163

00:12:23,829 --> 00:12:22,160

head personnel for the search and

164

00:12:35,430 --> 00:12:23,839

recovery forces making sure if he needs

165

00:12:42,150 --> 00:12:37,269

again there waving at the camera as he

166

00:12:42,160 --> 00:13:00,710

followed here by immonition

167

00:13:13,990 --> 00:13:02,310

and here commander

168

00:13:18,790 --> 00:13:15,430

this tent was carried by one of the

169

00:13:20,870 --> 00:13:18,800

helicopters and set up after

170

00:13:22,069 --> 00:13:20,880

they had met the soyuz at its landing

171

00:13:24,150 --> 00:13:22,079

site