



1
00:01:42,960 --> 00:02:02,550
i think i'm gonna be sad i think

2
00:02:02,560 --> 00:02:14,710
she's got a ticket

3
00:02:14,720 --> 00:02:21,990
that's living with me

4
00:02:22,000 --> 00:02:37,430
she would never be free

5
00:02:37,440 --> 00:02:50,390
she's

6
00:02:54,550 --> 00:02:52,390
atlantis mayor houston we're sure john

7
00:03:04,790 --> 00:02:54,560
has his ticket for the ride home good

8
00:03:25,750 --> 00:03:06,149
good morning houston i'm sure john's

9
00:03:32,869 --> 00:03:29,750
space have atlantis fo 11 alpha

10
00:03:35,110 --> 00:03:32,879
is complete step 10 is complete

11
00:03:36,789 --> 00:03:35,120
we copy jeff and while you're there if

12
00:03:39,030 --> 00:03:36,799
you could give us

13
00:03:42,309 --> 00:03:39,040

some close-up macro

14

00:03:43,830 --> 00:03:42,319

video of gravit 3 and gravit 4 the pi

15

00:04:33,909 --> 00:03:43,840

would like to see

16

00:04:40,230 --> 00:04:35,430

there i would like

17

00:04:45,350 --> 00:04:41,990

on the space

18

00:04:53,110 --> 00:04:45,360

station meal and what's your main task

19

00:04:58,629 --> 00:04:56,390

the main purpose of our fight was to

20

00:04:59,590 --> 00:04:58,639

pick up john blaha

21

00:05:00,950 --> 00:04:59,600

and

22

00:05:03,990 --> 00:05:00,960

deliver

23

00:05:06,070 --> 00:05:04,000

jerry lenninger to space station mir and

24

00:05:08,629 --> 00:05:06,080

of course in the process of transfer

25

00:05:10,390 --> 00:05:08,639

their experiments would take john

26
00:05:11,830 --> 00:05:10,400
some of john's experiments home and all

27
00:05:13,510 --> 00:05:11,840
of his results

28
00:05:14,710 --> 00:05:13,520
we're dropping off some experiments for

29
00:05:17,430 --> 00:05:14,720
jerry

30
00:05:19,430 --> 00:05:17,440
and also some supplies for the mere

31
00:05:20,310 --> 00:05:19,440
space station including water clothing

32
00:05:21,110 --> 00:05:20,320
food

33
00:05:24,150 --> 00:05:21,120
and

34
00:05:25,909 --> 00:05:24,160
some other hardware

35
00:05:28,710 --> 00:05:25,919
this is mark caro from the houston

36
00:05:30,390 --> 00:05:28,720
chronicle for john blaha

37
00:05:32,550 --> 00:05:30,400
before you went on this mission you

38
00:05:34,310 --> 00:05:32,560

spoke of a personal and professional

39

00:05:36,150 --> 00:05:34,320

desire to make a long

40

00:05:39,590 --> 00:05:36,160

space flight and i just wonder if your

41

00:05:43,909 --> 00:05:39,600

experience has met your expectation and

42

00:05:51,510 --> 00:05:47,350

uh you're right it was a good question

43

00:05:55,029 --> 00:05:51,520

in 1991 when i attended a congress of

44

00:05:56,950 --> 00:05:55,039

cosmonauts and americans in berlin

45

00:05:59,029 --> 00:05:56,960

i saw some video and heard through

46

00:06:01,510 --> 00:05:59,039

translators because i spoke to russian

47

00:06:03,510 --> 00:06:01,520

then about the mere space station and

48

00:06:04,390 --> 00:06:03,520

set a goal to play on it

49

00:06:06,469 --> 00:06:04,400

and

50

00:06:10,309 --> 00:06:06,479

now i've had the opportunity

51
00:06:12,550 --> 00:06:10,319
um yes it it has met my expectations i

52
00:06:15,270 --> 00:06:12,560
learned many new things there are a lot

53
00:06:17,990 --> 00:06:15,280
of things very different about

54
00:06:20,390 --> 00:06:18,000
a space station and working on it than

55
00:06:23,029 --> 00:06:20,400
there are on a space shuttle flight and

56
00:06:25,430 --> 00:06:23,039
uh i'm kind of a dumb person i'm not an

57
00:06:27,590 --> 00:06:25,440
engineer i'm not a doctor

58
00:06:29,430 --> 00:06:27,600
so i'm not a real smart person but the

59
00:06:32,230 --> 00:06:29,440
way i can contribute to the space

60
00:06:34,629 --> 00:06:32,240
program is as an operator and i know if

61
00:06:36,710 --> 00:06:34,639
i wanted to continue to work in the

62
00:06:38,950 --> 00:06:36,720
space program i needed to experience

63
00:06:45,029 --> 00:06:38,960

this myself so that i could contribute

64

00:06:48,710 --> 00:06:46,710

for john grunsfeld so we can give

65

00:06:50,309 --> 00:06:48,720

somebody else a chance with the mic

66

00:06:51,909 --> 00:06:50,319

from amateur astronomer to professional

67

00:06:54,390 --> 00:06:51,919

astronomer have you had a chance to look

68

00:06:57,990 --> 00:06:54,400

at the comet yet uh take a photo of it

69

00:07:01,510 --> 00:06:59,749

we've gone to the flight deck a couple

70

00:07:03,510 --> 00:07:01,520

of times and tried as you know we've

71

00:07:05,909 --> 00:07:03,520

been really busy this flight and haven't

72

00:07:07,909 --> 00:07:05,919

had a lot of opportunities and a couple

73

00:07:10,230 --> 00:07:07,919

of times we've tried the problem we ran

74

00:07:12,950 --> 00:07:10,240

into is that the sunrise comes so fast

75

00:07:14,870 --> 00:07:12,960

that we our eyes have adjusted uh to

76

00:07:16,309 --> 00:07:14,880

darkness just in time to see the sun

77

00:07:19,510 --> 00:07:16,319

rise and so we haven't been able to see

78

00:07:19,520 --> 00:07:29,589

for mike bake

79

00:07:38,390 --> 00:07:32,710

we did watch comets last year we

80

00:07:42,550 --> 00:07:39,749

one of them

81

00:07:45,029 --> 00:07:42,560

went behind the sun and is coming up now

82

00:07:47,430 --> 00:07:45,039

and we're hoping to

83

00:07:52,070 --> 00:07:47,440

watch it several times

84

00:07:56,550 --> 00:07:54,469

and he was always receiving this

85

00:07:58,309 --> 00:07:56,560

information and finding them and showing

86

00:08:00,469 --> 00:07:58,319

them

87

00:08:03,270 --> 00:08:00,479

so he's done very well with spotting

88

00:08:06,550 --> 00:08:03,280

those kind of things in space during our

89

00:08:10,710 --> 00:08:09,350

this is phil chan again for jeff

90

00:08:12,790 --> 00:08:10,720

what can you discuss the problems you

91

00:08:15,350 --> 00:08:12,800

had setting up the tvs experiment before

92

00:08:16,629 --> 00:08:15,360

your docking day and uh what kind of

93

00:08:18,950 --> 00:08:16,639

confidence do you have that you're going

94

00:08:21,909 --> 00:08:18,960

to be able to set it up on on the post

95

00:08:23,430 --> 00:08:21,919

on docking day uh faster smoother better

96

00:08:26,550 --> 00:08:23,440

faster better cheaper than you did

97

00:08:27,670 --> 00:08:26,560

previously and get the science back

98

00:08:29,110 --> 00:08:27,680

the problems that we had when we

99

00:08:31,830 --> 00:08:29,120

originally set it up were some knit

100

00:08:33,589 --> 00:08:31,840

problems getting power to it and uh some

101
00:08:35,829 --> 00:08:33,599
problems getting the data recorded we

102
00:08:37,269 --> 00:08:35,839
think we've resolved all those and

103
00:08:39,029 --> 00:08:37,279
obviously having been through it once

104
00:08:40,630 --> 00:08:39,039
now it's very fresh in our memory how to

105
00:08:42,149 --> 00:08:40,640
put it all together and how to stow

106
00:08:43,909 --> 00:08:42,159
things on board so we think we can be

107
00:08:46,150 --> 00:08:43,919
quite efficient the second time around

108
00:08:47,750 --> 00:08:46,160
and with those problems now behind us we

109
00:08:49,750 --> 00:08:47,760
expect it to go pretty smoothly and to

110
00:08:50,949 --> 00:08:49,760
get a full data take for the folks on

111
00:08:54,070 --> 00:08:50,959
the ground and i think it'll be very

112
00:08:57,670 --> 00:08:55,670
and i guess brent you're the only one we

113
00:09:00,150 --> 00:08:57,680

haven't heard from yet uh any uh hope to

114

00:09:03,350 --> 00:09:00,160

get uh an extra day in space uh so you

115

00:09:05,110 --> 00:09:03,360

can get additional tvs data

116

00:09:07,190 --> 00:09:05,120

well phil i think uh

117

00:09:08,630 --> 00:09:07,200

all crews will tell you that uh if

118

00:09:10,230 --> 00:09:08,640

they'll take an extra day in space if

119

00:09:12,150 --> 00:09:10,240

they can get it

120

00:09:13,910 --> 00:09:12,160

you know being up here is a real special

121

00:09:15,910 --> 00:09:13,920

experience and and the chance to have an

122

00:09:16,710 --> 00:09:15,920

extra day is one one you'll always jump

123

00:09:21,670 --> 00:09:16,720

at

124

00:09:24,070 --> 00:09:21,680

you know to keep the program on track

125

00:09:26,470 --> 00:09:24,080

and and to give us get as much data as

126

00:09:28,310 --> 00:09:26,480

we can for tiva so if it means uh

127

00:09:29,990 --> 00:09:28,320

running to you just one or two days

128

00:09:31,590 --> 00:09:30,000

we're happy to do whatever it takes and

129

00:09:33,350 --> 00:09:31,600

uh you know eventually we'll get home

130

00:09:48,949 --> 00:09:33,360

and we'll have a successful mission and

131

00:09:53,430 --> 00:09:50,949

like the ones before

132

00:09:55,990 --> 00:09:53,440

uh it will be part of history

133

00:09:58,150 --> 00:09:56,000

we are very proud that we have the order

134

00:10:00,630 --> 00:09:58,160

of participating in this flight

135

00:10:16,470 --> 00:10:00,640

thank you very much

136

00:10:22,710 --> 00:10:19,910

as i have said many times i'm very glad

137

00:10:25,190 --> 00:10:22,720

that i have had the opportunity to

138

00:10:27,269 --> 00:10:25,200

participate in the joint

139

00:10:29,430 --> 00:10:27,279

program with the russians

140

00:10:31,030 --> 00:10:29,440

on the shuttle

141

00:10:33,509 --> 00:10:31,040

and this

142

00:10:36,470 --> 00:10:33,519

program is not only important for space

143

00:10:38,069 --> 00:10:36,480

exploration but also for the

144

00:10:40,790 --> 00:10:38,079

relationship

145

00:10:43,269 --> 00:10:40,800

between the countries i started working

146

00:10:47,750 --> 00:10:43,279

on my russian

147

00:10:50,069 --> 00:10:47,760

two years ago and i came to train

148

00:10:52,310 --> 00:10:50,079

for a flight

149

00:10:54,710 --> 00:10:52,320

we my wife and i

150

00:10:56,150 --> 00:10:54,720

met and befriended many russians and it

151
00:10:57,030 --> 00:10:56,160
was wonderful

152
00:11:01,110 --> 00:10:57,040
and

153
00:11:04,710 --> 00:11:01,120
our relationship with the russians

154
00:11:07,110 --> 00:11:04,720
uh continues and will expand

155
00:11:08,949 --> 00:11:07,120
it has been wonderful thank you valeria

156
00:11:12,870 --> 00:11:08,959
thank you sasha

157
00:11:17,509 --> 00:11:12,880
i think that uh the mirror station is an

158
00:11:21,030 --> 00:11:19,750
the workers that

159
00:11:23,269 --> 00:11:21,040
build

160
00:11:39,670 --> 00:11:23,279
these stations that built this one it's

161
00:11:45,590 --> 00:11:42,310
i've worked with sts-81 crew

162
00:11:51,590 --> 00:11:45,600
unfortunately we are saying goodbye to

163
00:11:58,230 --> 00:11:55,430

that performed a wonderful docking

164

00:12:00,310 --> 00:11:58,240

and we have completed all of the program

165

00:12:02,310 --> 00:12:00,320

that was planned and we're seeing them

166

00:12:05,430 --> 00:12:02,320

off now and we

167

00:12:06,230 --> 00:12:05,440

wish them a safe landing

168

00:12:09,190 --> 00:12:06,240

and

169

00:12:10,870 --> 00:12:09,200

a successful completion of their tasks

170

00:12:13,110 --> 00:12:10,880

we are also saying goodbye to our

171

00:12:15,750 --> 00:12:13,120

colleague the american astronaut john

172

00:12:16,870 --> 00:12:15,760

blaha who spent four months with us

173

00:12:18,629 --> 00:12:16,880

aboard

174

00:12:25,509 --> 00:12:18,639

we have worked a lot we have had

175

00:12:29,030 --> 00:12:28,230

but despite anything and everything we

176
00:12:32,470 --> 00:12:29,040
have

177
00:12:34,550 --> 00:12:32,480
our tasks

178
00:12:44,230 --> 00:12:34,560
uh we will be we will miss john but we

179
00:12:48,389 --> 00:12:46,470
no less responsible and important tasks

180
00:12:49,509 --> 00:12:48,399
and i hope we will be as successful as

181
00:12:51,509 --> 00:12:49,519
we were as

182
00:12:58,550 --> 00:12:51,519
john thank you very much

183
00:13:03,350 --> 00:13:00,629
i would like to simply say that i'm very

184
00:13:05,350 --> 00:13:03,360
glad to be here on mir and i'm saying

185
00:13:13,829 --> 00:13:05,360
goodbye to my crew

186
00:13:18,629 --> 00:13:16,470
thank you very much

187
00:14:01,590 --> 00:13:18,639
until we meet again

188
00:14:01,600 --> 00:14:35,110

thank you

189

00:14:35,120 --> 00:14:47,189

uh

190

00:14:52,150 --> 00:14:49,670

commander mike baker shaking hands with

191

00:15:08,550 --> 00:14:52,160

his uh commander counterpart valeri

192

00:15:08,560 --> 00:15:21,509

go ahead

193

00:15:24,710 --> 00:15:22,629

thank you ma'am i look forward to

194

00:15:36,470 --> 00:15:24,720

reading it

195

00:15:40,550 --> 00:15:38,629

commander mike baker now closing the

196

00:15:43,430 --> 00:15:40,560

hatch on the atlantis side of the

197

00:15:46,790 --> 00:15:43,440

interface the orbiter docking system

198

00:15:52,550 --> 00:15:49,670

that coming at 6 46 this morning central

199

00:15:53,829 --> 00:15:52,560

time as the atlantis mir complex

200

00:15:57,030 --> 00:15:53,839

approaches

201

00:15:58,629 --> 00:15:57,040

the equator on a southeasterly swing