



1
00:00:10,879 --> 00:00:04,700
hey you doing sir is god I'm doing well

2
00:00:13,400 --> 00:00:10,889
how about you doing great it's it's

3
00:00:15,650 --> 00:00:13,410
great to be up here great rocket launch

4
00:00:18,710 --> 00:00:15,660
to space and then the rendezvous to the

5
00:00:21,380 --> 00:00:18,720
space station it's like you know coming

6
00:00:23,240 --> 00:00:21,390
to my old home yeah I know you said it

7
00:00:25,700 --> 00:00:23,250
was like being back home and you know

8
00:00:27,080 --> 00:00:25,710
I'm I we had a great time having an

9
00:00:30,140 --> 00:00:27,090
opportunity to spend some time with you

10
00:00:32,089 --> 00:00:30,150
and gennady and Mikhail and and we were

11
00:00:34,040 --> 00:00:32,099
really glad that I could help give you

12
00:00:40,940 --> 00:00:34,050
that last little kick going aboard so

13
00:00:43,040 --> 00:00:40,950

we're excited about the year ahead yes

14

00:00:45,110 --> 00:00:43,050

sir I am too it's a going to be a lot of

15

00:00:47,900 --> 00:00:45,120

work but i really look forward to the

16

00:00:50,470 --> 00:00:47,910

privilege of you know servant nasa and

17

00:00:52,819 --> 00:00:50,480

our nation as a crew member aboard this

18

00:00:55,310 --> 00:00:52,829

really wonderful space station we have

19

00:00:57,020 --> 00:00:55,320

well it's really exciting to have you

20

00:00:58,340 --> 00:00:57,030

there Scott and I think you know as we

21

00:01:00,500 --> 00:00:58,350

talked about a little bit when I was

22

00:01:02,510 --> 00:01:00,510

over there and cause in Kazakhstan with

23

00:01:05,149 --> 00:01:02,520

you and Mick IL I think it's really

24

00:01:06,560 --> 00:01:05,159

really important that everybody have an

25

00:01:08,929 --> 00:01:06,570

opportunity to view the two of you

26

00:01:10,700 --> 00:01:08,939

working as a team you know this is a

27

00:01:13,490 --> 00:01:10,710

really important step on our road to

28

00:01:16,219 --> 00:01:13,500

Mars you know it you speak of it far

29

00:01:17,840 --> 00:01:16,229

better than I ever could so so we're

30

00:01:20,240 --> 00:01:17,850

excited about having you and Mick IL

31

00:01:21,350 --> 00:01:20,250

there as partners and excited about

32

00:01:25,800 --> 00:01:21,360

seeing all the all the things you're

33

00:01:30,929 --> 00:01:27,960

yes sir you know one of the themes that

34

00:01:33,810 --> 00:01:30,939

we all keep harping upon is this is a

35

00:01:37,020 --> 00:01:33,820

you know one crew one space station you

36

00:01:38,190 --> 00:01:37,030

know not just me and and Misha but you

37

00:01:42,570 --> 00:01:38,200

know the three guys that have been up

38

00:01:44,700 --> 00:01:42,580

here you know since you know for the

39

00:01:46,260 --> 00:01:44,710

last four months terry virts samantha

40

00:01:49,350 --> 00:01:46,270

Christopher ready and anton shkaplerov

41

00:01:51,539 --> 00:01:49,360

and where you know with them and me

42

00:01:53,370 --> 00:01:51,549

Misha and gennady we consider this one

43

00:01:55,230 --> 00:01:53,380

big space station the international

44

00:01:57,029 --> 00:01:55,240

partnership is one of the things that

45

00:01:58,919 --> 00:01:57,039

has made this such a success and that's

46

00:02:01,050 --> 00:01:58,929

one of the things that's most important

47

00:02:02,609 --> 00:02:01,060

to us right now fantastic and I'd love

48

00:02:04,440 --> 00:02:02,619

to sit here and talk to you forever but

49

00:02:07,020 --> 00:02:04,450

I understand there's another important

50

00:02:08,490 --> 00:02:07,030

person who's on the line and it's dr.

51
00:02:10,050 --> 00:02:08,500
John Holdren the president's science

52
00:02:12,210 --> 00:02:10,060
advisor and the director of the Office

53
00:02:14,400 --> 00:02:12,220
of Science and Technology Policy so I

54
00:02:16,080 --> 00:02:14,410
think dr. Holdren has a couple of words

55
00:02:18,330 --> 00:02:16,090
he wants to give you John if if you're

56
00:02:21,140 --> 00:02:18,340
there you got it I am certainly here

57
00:02:24,839 --> 00:02:21,150
Charlie and thank you for letting me

58
00:02:27,900 --> 00:02:24,849
take part in this call Scott I want to

59
00:02:30,330 --> 00:02:27,910
start by congratulating you on behalf of

60
00:02:33,840 --> 00:02:30,340
President Obama and Vice President Biden

61
00:02:35,250 --> 00:02:33,850
on the successful launch all of us wish

62
00:02:38,009 --> 00:02:35,260
you the best of luck in this

63
00:02:40,410 --> 00:02:38,019

unprecedented year-long mission it was

64

00:02:43,590 --> 00:02:40,420

great chatting with you in anticipation

65

00:02:44,970 --> 00:02:43,600

of this mission when you came to the

66

00:02:47,819 --> 00:02:44,980

president's State of the Union address

67

00:02:50,880 --> 00:02:47,829

in January as a guest of the first lady

68

00:02:54,449 --> 00:02:50,890

and sat in her box now you're up there

69

00:02:58,020 --> 00:02:54,459

and we're watching you with enormous

70

00:03:00,319 --> 00:02:58,030

interest not least because this mission

71

00:03:03,330 --> 00:03:00,329

is bringing a scientific information

72

00:03:05,699 --> 00:03:03,340

that only a prolonged stay on the

73

00:03:07,740 --> 00:03:05,709

international space station can provide

74

00:03:10,410 --> 00:03:07,750

and as administrator Bolden just

75

00:03:12,870 --> 00:03:10,420

mentioned and as we all know is a really

76

00:03:14,699 --> 00:03:12,880

important milestone as we work toward

77

00:03:17,460 --> 00:03:14,709

the president's goal of sending humans

78

00:03:19,289 --> 00:03:17,470

to Mars in the mid 2030s we're also very

79

00:03:21,150 --> 00:03:19,299

pleased that you took on the president's

80

00:03:23,729 --> 00:03:21,160

challenge to be active on social media

81

00:03:29,809 --> 00:03:23,739

and Instagram and we enjoyed looking at

82

00:03:37,710 --> 00:03:33,539

yes sir first of all yeah it was my

83

00:03:39,390 --> 00:03:37,720

pleasure sincere pleasure meeting you at

84

00:03:42,600 --> 00:03:39,400

the State of the Union address

85

00:03:45,000 --> 00:03:42,610

and talking to you about you know what

86

00:03:47,610 --> 00:03:45,010

what the goals of NASA are and the

87

00:03:49,500 --> 00:03:47,620

International Space Station program and

88

00:03:52,949 --> 00:03:49,510

our future goals and we appreciate your

89

00:03:55,860 --> 00:03:52,959

support towards those ends and you know

90

00:03:59,520 --> 00:03:55,870

I also really appreciate the the first

91

00:04:02,729 --> 00:03:59,530

lady and the president's attention to to

92

00:04:04,830 --> 00:04:02,739

NASA and the space program and you know

93

00:04:07,500 --> 00:04:04,840

I truly believe this is a you know one

94

00:04:10,349 --> 00:04:07,510

of the most amazing orbiting one of the

95

00:04:13,470 --> 00:04:10,359

most amazing facilities you know

96

00:04:15,240 --> 00:04:13,480

scientific achievements engineering

97

00:04:18,360 --> 00:04:15,250

achievements that we've accomplished and

98

00:04:20,159 --> 00:04:18,370

the amount of work in science up here we

99

00:04:21,870 --> 00:04:20,169

can get done in all different areas of

100

00:04:24,920 --> 00:04:21,880

just all different kinds of disciplines

101
00:04:27,060 --> 00:04:24,930
you know whether its exploration or or

102
00:04:30,779 --> 00:04:27,070
experiments that improve life on Earth

103
00:04:32,730 --> 00:04:30,789
is you know very important to to our

104
00:04:34,020 --> 00:04:32,740
people and the you know in the US and

105
00:04:36,960 --> 00:04:34,030
the international community as a whole

106
00:04:39,540 --> 00:04:36,970
and hopefully you know the current crews

107
00:04:42,330 --> 00:04:39,550
and previous crews and future cruise and

108
00:04:45,210 --> 00:04:42,340
not just Misha myself will be furthering

109
00:04:48,029 --> 00:04:45,220
our goals to put human humans on Mars

110
00:04:52,040 --> 00:04:48,039
some day will you guys are all heroes up

111
00:04:54,870 --> 00:04:52,050
there and we're we're depending on you

112
00:04:57,110 --> 00:04:54,880
well thanks very much John for for your

113
00:04:59,550 --> 00:04:57,120

greetings to Scott and Scott there is

114

00:05:01,110 --> 00:04:59,560

there is in fact one more person down

115

00:05:03,420 --> 00:05:01,120

here with us I think he's in Tucson of

116

00:05:05,399 --> 00:05:03,430

somewhere on the globe that's your twin

117

00:05:07,140 --> 00:05:05,409

brother mark I don't know whether you

118

00:05:09,089 --> 00:05:07,150

knew or not well you did know because

119

00:05:10,439 --> 00:05:09,099

you saw him he fooled all of us and

120

00:05:12,000 --> 00:05:10,449

almost gave us a heart attack when he

121

00:05:14,490 --> 00:05:12,010

came out on launch morning with no

122

00:05:18,390 --> 00:05:14,500

mustache so that's the only way I could

123

00:05:20,399 --> 00:05:18,400

tell you two apart so so mark is with us

124

00:05:22,710 --> 00:05:20,409

and Mark if if you would if you could

125

00:05:24,659 --> 00:05:22,720

talk a little bit about the the twin

126

00:05:27,060 --> 00:05:24,669

study that that's going to be conducted

127

00:05:31,589 --> 00:05:27,070

with with you and Scott during the year

128

00:05:33,779 --> 00:05:31,599

that he's there yeah thanks charlie and

129

00:05:35,580 --> 00:05:33,789

thanks dr. Holdren it's uh you know was

130

00:05:37,230 --> 00:05:35,590

great first of all for me to be at the

131

00:05:39,060 --> 00:05:37,240

launch to see my brother fly into space

132

00:05:41,879 --> 00:05:39,070

one more time I also want to acknowledge

133

00:05:44,040 --> 00:05:41,889

our dad you know he's been a trooper and

134

00:05:47,159 --> 00:05:44,050

he's probably he's the only parent that

135

00:05:48,750 --> 00:05:47,169

has to go through eight times watching

136

00:05:50,969 --> 00:05:48,760

one of their children launch into space

137

00:05:53,340 --> 00:05:50,979

and he handles it so well so Scott and I

138

00:05:56,370 --> 00:05:53,350

both appreciate them you know the

139

00:05:58,320 --> 00:05:56,380

twin study is it's going to give us

140

00:06:01,320 --> 00:05:58,330

hopefully information on what we need to

141

00:06:03,960 --> 00:06:01,330

one day go to Mars we understand a lot

142

00:06:05,490 --> 00:06:03,970

about the engineering of a Mars flight

143

00:06:07,770 --> 00:06:05,500

take what it would take to get people

144

00:06:09,120 --> 00:06:07,780

there and get them back but we don't

145

00:06:13,380 --> 00:06:09,130

understand a lot about the physiology

146

00:06:17,220 --> 00:06:13,390

and this was a unique opportunity to

147

00:06:19,950 --> 00:06:17,230

study Scott and I him in space I'm very

148

00:06:21,960 --> 00:06:19,960

I feel very fortunate to be a small part

149

00:06:24,950 --> 00:06:21,970

of this mission but hopefully the data

150

00:06:28,230 --> 00:06:24,960

that the scientists and physicians

151
00:06:30,060 --> 00:06:28,240
obtained from the two of us I'll give us

152
00:06:31,950 --> 00:06:30,070
a better understanding about the

153
00:06:34,710 --> 00:06:31,960
physiology of the human body in space

154
00:06:36,840 --> 00:06:34,720
you know how the unforgivable

155
00:06:39,240 --> 00:06:36,850
environment of zero gravity and the

156
00:06:40,890 --> 00:06:39,250
radiation environment affects the human

157
00:06:42,720 --> 00:06:40,900
condition because if we are going to

158
00:06:44,340 --> 00:06:42,730
send people to Mars one day it's not

159
00:06:47,280 --> 00:06:44,350
going to be a one-year flight it'll

160
00:06:48,660 --> 00:06:47,290
probably be more than two years and

161
00:06:51,390 --> 00:06:48,670
there's a lot to learn there so I'm

162
00:06:53,760 --> 00:06:51,400
thankful to be be part of this I'm

163
00:06:56,130 --> 00:06:53,770

behind my brother Scott one hundred

164

00:06:59,460 --> 00:06:56,140

percent as he spends a year in space

165

00:07:02,310 --> 00:06:59,470

that's a big big challenge that you know

166

00:07:04,140 --> 00:07:02,320

I know he didn't take lightly and I

167

00:07:06,540 --> 00:07:04,150

appreciate him doing that for our

168

00:07:08,640 --> 00:07:06,550

country hey Mark thank you very much and

169

00:07:10,470 --> 00:07:08,650

Scott I also want to thank you for

170

00:07:13,200 --> 00:07:10,480

taking the time to let us come in and

171

00:07:15,570 --> 00:07:13,210

intrude on your work today I know you've

172

00:07:17,820 --> 00:07:15,580

got another group of people that want to

173

00:07:20,220 --> 00:07:17,830

talk to you after we finish up here but

174

00:07:22,380 --> 00:07:20,230

but just want to let you know as I told

175

00:07:24,780 --> 00:07:22,390

you before you launched don't worry

176

00:07:26,760 --> 00:07:24,790

about amico and Sam and Sara you had a

177

00:07:28,620 --> 00:07:26,770

lot of folks down here who are watching

178

00:07:30,330 --> 00:07:28,630

them and making sure they stay okay let

179

00:07:32,250 --> 00:07:30,340

us know if you need anything but I

180

00:07:34,200 --> 00:07:32,260

really want to thank you for taking on

181

00:07:35,730 --> 00:07:34,210

this challenge you know it really is

182

00:07:38,370 --> 00:07:35,740

important that we get it all right

183

00:07:42,240 --> 00:07:38,380

because we do plan to put humans on Mars

184

00:07:44,070 --> 00:07:42,250

in the next few sent few decades here

185

00:07:46,230 --> 00:07:44,080

and the 2030s is the target the

186

00:07:48,690 --> 00:07:46,240

president set and we think we can really

187

00:07:51,120 --> 00:07:48,700

make that so again to you thanks so very

188

00:07:52,260 --> 00:07:51,130

much for your service and for taking on

189

00:07:57,550 --> 00:07:52,270

this and thanks so much for spending

190

00:08:02,470 --> 00:08:00,610

I appreciate those words general Bolden

191

00:08:05,050 --> 00:08:02,480

also you come in to launch and spending

192

00:08:07,480 --> 00:08:05,060

that time and yes we all take this job

193

00:08:09,909 --> 00:08:07,490

very seriously not just the crew members

194

00:08:11,950 --> 00:08:09,919

on board but the you know tens of

195

00:08:14,890 --> 00:08:11,960

thousands of people all around the world

196

00:08:17,050 --> 00:08:14,900

that make the space station what it the

197

00:08:19,570 --> 00:08:17,060

amazing facility it is so thank you

198

00:08:21,070 --> 00:08:19,580

thanks very much Scott again and we're

199

00:08:23,590 --> 00:08:21,080

going to get out of here so you can get

200

00:08:25,659 --> 00:08:23,600

me al to come join you there and we want

201

00:08:29,940 --> 00:08:25,669

to see how he's doing and see the two of

202

00:08:37,829 --> 00:08:33,640

yes sir thank you station this is

203

00:08:40,959 --> 00:08:37,839

Houston ACR that concludes the event

204

00:08:42,909 --> 00:08:40,969

Thank You administrator Bolden dr. John

205

00:08:44,920 --> 00:08:42,919

Holdren and former astronaut Mark Kelly

206

00:08:46,329 --> 00:08:44,930

station please stand by while we