



**SPACESTATION  
LIVE**

1  
00:00:09,669 --> 00:00:08,150  
the one-year mission of scott kelly and

2  
00:00:12,230 --> 00:00:09,679  
mikhail kornienko will provide

3  
00:00:13,990 --> 00:00:12,240  
scientists with new information about

4  
00:00:15,910 --> 00:00:14,000  
how people respond to being in

5  
00:00:17,990 --> 00:00:15,920  
weightlessness so we can get better

6  
00:00:20,710 --> 00:00:18,000  
prepared for future missions out into

7  
00:00:22,070 --> 00:00:20,720  
deep space to destinations like mars or

8  
00:00:23,830 --> 00:00:22,080  
an asteroid

9  
00:00:26,390 --> 00:00:23,840  
kelly has been involved in the twins

10  
00:00:28,550 --> 00:00:26,400  
experiment which will compare him during

11  
00:00:30,870 --> 00:00:28,560  
a year in space to his identical twin

12  
00:00:33,350 --> 00:00:30,880  
brother mark on earth

13  
00:00:35,030 --> 00:00:33,360

my colleague dan hewitt recently talked

14

00:00:36,229 --> 00:00:35,040

with former astronaut mark kelly to

15

00:00:38,470 --> 00:00:36,239

gauge his thoughts about his

16

00:00:40,069 --> 00:00:38,480

participation in the twins experiment

17

00:00:42,310 --> 00:00:40,079

about his brother's record-setting

18

00:00:44,869 --> 00:00:42,320

mission and how he'd feel

19

00:00:47,110 --> 00:00:44,879

if it were him coming home from a year

20

00:00:49,190 --> 00:00:47,120

in space let's take a look well i can

21

00:00:52,069 --> 00:00:49,200

kind of tell he's getting ready uh to

22

00:00:53,270 --> 00:00:52,079

come home because i get less phone calls

23

00:00:54,869 --> 00:00:53,280

you know over the course of the year

24

00:00:56,229 --> 00:00:54,879

they kind of you know started the peak

25

00:00:58,549 --> 00:00:56,239

at a while and you know after you're

26

00:01:00,389 --> 00:00:58,559

there for about eight or nine months

27

00:01:02,069 --> 00:01:00,399

you know he seems to be seem to be

28

00:01:04,070 --> 00:01:02,079

reaching out a lot

29

00:01:05,910 --> 00:01:04,080

and not so much in the last few days so

30

00:01:07,830 --> 00:01:05,920

i think he's scrambling

31

00:01:09,429 --> 00:01:07,840

to get everything done

32

00:01:11,429 --> 00:01:09,439

that he needs to do for this one year

33

00:01:13,109 --> 00:01:11,439

mission and you know get his stuff

34

00:01:14,230 --> 00:01:13,119

packed and uh

35

00:01:15,429 --> 00:01:14,240

you know get everything over to the

36

00:01:17,670 --> 00:01:15,439

soyuz

37

00:01:19,910 --> 00:01:17,680

and i remember he had remarked that he

38

00:01:21,670 --> 00:01:19,920

actually thinks he calls you even more

39

00:01:23,270 --> 00:01:21,680

while he's in space was that true

40

00:01:24,630 --> 00:01:23,280

throughout this mission did you get you

41

00:01:26,870 --> 00:01:24,640

know plenty of chances to talk to him

42

00:01:28,950 --> 00:01:26,880

while he was up there you know 250 miles

43

00:01:31,429 --> 00:01:28,960

overhead

44

00:01:34,230 --> 00:01:31,439

yeah absolutely yeah we definitely talk

45

00:01:36,789 --> 00:01:34,240

more when he is in space than when we

46

00:01:39,830 --> 00:01:36,799

are both on earth not so much with me as

47

00:01:41,429 --> 00:01:39,840

a as a you know shuttle guy who uh for

48

00:01:43,109 --> 00:01:41,439

space shuttle missions

49

00:01:44,310 --> 00:01:43,119

you know those are like uh you know

50

00:01:45,429 --> 00:01:44,320

controlled chaos where you're just

51  
00:01:47,429 --> 00:01:45,439  
trying to get everything done over a

52  
00:01:48,950 --> 00:01:47,439  
two-week period but for him you know

53  
00:01:49,990 --> 00:01:48,960  
living in space

54  
00:01:52,789 --> 00:01:50,000  
uh

55  
00:01:54,230 --> 00:01:52,799  
and being so far detached from life on

56  
00:01:56,149 --> 00:01:54,240  
earth you know one of the only real

57  
00:01:57,510 --> 00:01:56,159  
lifelines you have

58  
00:01:58,950 --> 00:01:57,520  
one of the well the best one is

59  
00:02:01,429 --> 00:01:58,960  
certainly the ability to make a phone

60  
00:02:03,670 --> 00:02:01,439  
call so i do talk to him a lot more

61  
00:02:05,190 --> 00:02:03,680  
when he's in space

62  
00:02:07,510 --> 00:02:05,200  
okay and i mean for this mission you

63  
00:02:09,669 --> 00:02:07,520

were anything but just kind of a passive

64

00:02:11,350 --> 00:02:09,679

bystander you were actually part of the

65

00:02:12,790 --> 00:02:11,360

research so i wanted i was hoping you

66

00:02:14,630 --> 00:02:12,800

could talk about that a little bit more

67

00:02:16,949 --> 00:02:14,640

some of the stuff you've been doing over

68

00:02:19,270 --> 00:02:16,959

the year as an active participant in the

69

00:02:21,350 --> 00:02:19,280

twin study

70

00:02:23,830 --> 00:02:21,360

yeah you could say participant or guinea

71

00:02:25,110 --> 00:02:23,840

pig you know one

72

00:02:27,910 --> 00:02:25,120

you know i guess either of those are

73

00:02:29,190 --> 00:02:27,920

appropriate uh well since before he

74

00:02:31,589 --> 00:02:29,200

launched

75

00:02:33,670 --> 00:02:31,599

i've been providing data in a number of

76  
00:02:35,670 --> 00:02:33,680  
different ways to nasa for the study and

77  
00:02:36,550 --> 00:02:35,680  
there's uh 10 universities that are

78  
00:02:38,630 --> 00:02:36,560  
doing

79  
00:02:39,910 --> 00:02:38,640  
a bunch of science experiments on both

80  
00:02:41,750 --> 00:02:39,920  
scott and i

81  
00:02:43,670 --> 00:02:41,760  
because we're twins you know those

82  
00:02:46,229 --> 00:02:43,680  
universities consist of

83  
00:02:48,070 --> 00:02:46,239  
cornell and harvard medical school johns

84  
00:02:48,869 --> 00:02:48,080  
hopkins university of pennsylvania and

85  
00:02:50,710 --> 00:02:48,879  
others

86  
00:02:53,110 --> 00:02:50,720  
stanford i think is one

87  
00:02:55,830 --> 00:02:53,120  
as well and uh yeah so i provide data

88  
00:02:57,350 --> 00:02:55,840

and that data is you know sometimes is

89  
00:02:59,750 --> 00:02:57,360  
somebody comes to my house right here in

90  
00:03:02,149 --> 00:02:59,760  
tucson a phlebotomist will come from

91  
00:03:05,589 --> 00:03:02,159  
nasa and take 30 tubes of blood

92  
00:03:08,550 --> 00:03:05,599  
saliva samples uh urine and other things

93  
00:03:10,070 --> 00:03:08,560  
and cart all that stuff back to

94  
00:03:13,190 --> 00:03:10,080  
the johnson space center where they

95  
00:03:15,670 --> 00:03:13,200  
distribute it to the researchers

96  
00:03:19,030 --> 00:03:15,680  
i also travel

97  
00:03:19,910 --> 00:03:19,040  
rather regularly to houston

98  
00:03:23,110 --> 00:03:19,920  
to do

99  
00:03:24,869 --> 00:03:23,120  
more extensive data collection and

100  
00:03:26,869 --> 00:03:24,879  
though you know those data takes might

101  
00:03:29,110 --> 00:03:26,879  
consist of mris

102  
00:03:31,030 --> 00:03:29,120  
uh ultrasounds

103  
00:03:32,550 --> 00:03:31,040  
other science that nasa does some of

104  
00:03:34,149 --> 00:03:32,560  
which i don't even i'm not so sure what

105  
00:03:36,390 --> 00:03:34,159  
they're doing

106  
00:03:37,990 --> 00:03:36,400  
so and i know for scott once he comes

107  
00:03:39,670 --> 00:03:38,000  
home there's going to be many months

108  
00:03:41,509 --> 00:03:39,680  
more of data takes are you still you

109  
00:03:43,910 --> 00:03:41,519  
know on the hook for the next couple of

110  
00:03:44,830 --> 00:03:43,920  
months or a year or so to contribute to

111  
00:03:47,830 --> 00:03:44,840  
this

112  
00:03:49,990 --> 00:03:47,840  
study hey i'm happy to contribute as as

113  
00:03:51,270 --> 00:03:50,000

much as they need you know i told nasa

114

00:03:52,869 --> 00:03:51,280

you know whatever you need just tell me

115

00:03:54,710 --> 00:03:52,879

where to be and when

116

00:03:58,149 --> 00:03:54,720

and i'll i'll give give you whatever you

117

00:03:59,429 --> 00:03:58,159

want so whether this lasts another

118

00:04:01,990 --> 00:03:59,439

month for me

119

00:04:04,949 --> 00:04:02,000

or 10 months or 10 years i i don't

120

00:04:07,350 --> 00:04:04,959

really know but i'm happy to participate

121

00:04:08,630 --> 00:04:07,360

okay now so he's coming home soon what's

122

00:04:11,589 --> 00:04:08,640

one thing you're really looking forward

123

00:04:13,030 --> 00:04:11,599

to doing with your brother again

124

00:04:14,630 --> 00:04:13,040

you know we were talking about maybe at

125

00:04:16,310 --> 00:04:14,640

some point going up to alaska and going

126  
00:04:18,629 --> 00:04:16,320  
fishing or okay you know doing something

127  
00:04:21,430 --> 00:04:18,639  
like that i got a guy i know up there

128  
00:04:23,430 --> 00:04:21,440  
that's a uh you know that's a guide for

129  
00:04:25,430 --> 00:04:23,440  
these salmon fishing trips

130  
00:04:27,430 --> 00:04:25,440  
you know it's all about finding the time

131  
00:04:29,510 --> 00:04:27,440  
you know to do things like that but we

132  
00:04:30,629 --> 00:04:29,520  
were talking about doing that uh you

133  
00:04:31,990 --> 00:04:30,639  
know we're gonna have a welcome home

134  
00:04:34,150 --> 00:04:32,000  
party for him

135  
00:04:36,310 --> 00:04:34,160  
you know at some point there in houston

136  
00:04:38,469 --> 00:04:36,320  
he has been gone a long time and

137  
00:04:40,230 --> 00:04:38,479  
you know over a year period of a year

138  
00:04:42,150 --> 00:04:40,240

you know you lose those connections with

139

00:04:44,790 --> 00:04:42,160

people so i think it's really important

140

00:04:47,590 --> 00:04:44,800

to to get that back

141

00:04:49,350 --> 00:04:47,600

okay well again mark kelly former nasa

142

00:04:51,189 --> 00:04:49,360

astronaut twin brother of scott kelly

143

00:04:53,110 --> 00:04:51,199

who's getting ready to wrap up his year

144

00:04:54,870 --> 00:04:53,120

in space mark thanks so much for joining

145

00:04:56,310 --> 00:04:54,880

me today and hopefully we'll see you out