



1  
00:00:09,080 --> 00:00:02,780  
station this is Houston are you ready

2  
00:00:12,440 --> 00:00:09,090  
for the event Houston this is tension we

3  
00:00:14,419 --> 00:00:12,450  
are ready yes sir this is Mission

4  
00:00:30,270 --> 00:00:14,429  
Control Houston please call station for

5  
00:00:39,180 --> 00:00:32,790  
expansionism all came from will you be

6  
00:00:43,560 --> 00:00:41,220  
you know peon Space Agency this is Luka

7  
00:00:49,470 --> 00:00:43,570  
onboard the station how do you read me

8  
00:00:51,660 --> 00:00:49,480  
how do you see me with you very well who

9  
00:00:55,130 --> 00:00:51,670  
can hear you loud and clear

10  
00:00:58,350 --> 00:00:55,140  
I am the mic over to Enrico Serge's

11  
00:01:01,619 --> 00:00:58,360  
Charu can give idiom open easy Marvin mo

12  
00:01:03,950 --> 00:01:01,629  
and Cora movie so we can still see on

13  
00:01:07,859 --> 00:01:03,960

your face the same joy with which you

14  
00:01:09,870 --> 00:01:07,869  
came station we have more than 30 people

15  
00:01:11,969 --> 00:01:09,880  
here who are very interested to hear

16  
00:01:14,249 --> 00:01:11,979  
your first impressions of these first

17  
00:01:19,850 --> 00:01:14,259  
few days so I will pass the microphone

18  
00:01:27,600 --> 00:01:19,860  
on have a good day and have fun with us

19  
00:01:32,969 --> 00:01:27,610  
hi Luca America from answer agency ATV

20  
00:01:35,609 --> 00:01:32,979  
vehicle Albert Einstein is enroute to

21  
00:01:40,649 --> 00:01:35,619  
these space station and I wanted to ask

22  
00:01:45,510 --> 00:01:40,659  
you if this arrival will result into an

23  
00:01:49,290 --> 00:01:45,520  
extra extra vehicular activity and suto

24  
00:01:54,800 --> 00:01:49,300  
buongiorno to teach already hello

25  
00:01:57,930 --> 00:01:54,810  
everyone hi Erica as far as I know

26

00:02:04,190 --> 00:01:57,940

entity for now everything is going on

27

00:02:08,059 --> 00:02:04,200

track ATV is working it's supposed to so

28

00:02:10,800 --> 00:02:08,069

there are no plans for any EVs

29

00:02:14,759 --> 00:02:10,810

independent effort we the ATV is a

30

00:02:18,240 --> 00:02:14,769

completely independent vehicle Munich

31

00:02:20,790 --> 00:02:18,250

works like a robot on its own point la

32

00:02:23,970 --> 00:02:20,800

rocca la Stazione a and we will monitor

33

00:02:26,360 --> 00:02:23,980

its approach and finally its dock to the

34

00:02:33,809 --> 00:02:29,580

hi Luca this is Massimiliano company

35

00:02:34,290 --> 00:02:33,819

from a so la venta Quattro before you

36

00:02:37,050 --> 00:02:34,300

left

37

00:02:39,210 --> 00:02:37,060

you answered question for me that you

38

00:02:43,100 --> 00:02:39,220

felt a great responsibility about this

39

00:02:47,430 --> 00:02:43,110

mission particularly because of the

40

00:02:48,960 --> 00:02:47,440

crisis that's undergoing in Italy you're

41

00:02:51,840 --> 00:02:48,970

gonna be gone for six months which

42

00:02:53,950 --> 00:02:51,850

actually are not very many

43

00:02:57,790 --> 00:02:53,960

considering what's going on in Italy at

44

00:03:00,130 --> 00:02:57,800

the time so what would you like to find

45

00:03:05,680 --> 00:03:00,140

that has changed in Italy when you come

46

00:03:07,960 --> 00:03:05,690

back to to say may see a post on Reddit

47

00:03:10,750 --> 00:03:07,970

and as you said six months okay Chris

48

00:03:13,290 --> 00:03:10,760

will I feel like a long time but but

49

00:03:16,120 --> 00:03:13,300

they go by very quickly

50

00:03:18,130 --> 00:03:16,130

Tim in fact time is already flying it's

51  
00:03:23,140 --> 00:03:18,140  
already been a week and it feels like a

52  
00:03:26,230 --> 00:03:23,150  
day what would I like to find in Italia

53  
00:03:28,210 --> 00:03:26,240  
I would just like to find one thing go

54  
00:03:32,320 --> 00:03:28,220  
see Benny that our great country are

55  
00:03:35,820 --> 00:03:32,330  
great Italy strata Bella Monte Camino I

56  
00:03:39,190 --> 00:03:35,830  
wish that it may find its way to go for

57  
00:03:42,850 --> 00:03:39,200  
LeBaron Armani hacia yes I believe that

58  
00:03:44,890 --> 00:03:42,860  
at this time the word harmony is what we

59  
00:03:49,060 --> 00:03:44,900  
need to look for within our country and

60  
00:03:53,650 --> 00:03:49,070  
in the rest of the world crazy look a

61  
00:03:55,330 --> 00:03:53,660  
Marie little crazier tj1 I would like to

62  
00:03:59,260 --> 00:03:55,340  
know how do you pass your days onboard

63  
00:04:01,720 --> 00:03:59,270

the International Space Station and what

64

00:04:03,700 --> 00:04:01,730

issues have you experienced regarding

65

00:04:05,830 --> 00:04:03,710

the absence of gravity and things that

66

00:04:09,130 --> 00:04:05,840

are flying around and what does that was

67

00:04:11,590 --> 00:04:09,140

what does that all in tell Jonas oh no

68

00:04:13,420 --> 00:04:11,600

sono molto most intense forcep and quest

69

00:04:17,349 --> 00:04:13,430

days onboard the station are very very

70

00:04:20,260 --> 00:04:17,359

intense that's why time seems to fly so

71

00:04:23,170 --> 00:04:20,270

quickly Greenwich

72

00:04:24,090 --> 00:04:23,180

so we get up at 6 a.m. we use Greenwich

73

00:04:27,820 --> 00:04:24,100

Mean Time

74

00:04:30,970 --> 00:04:27,830

and so we start prep activities TV

75

00:04:34,510 --> 00:04:30,980

toffee Sica and we set up experiments

76

00:04:36,910 --> 00:04:34,520

and physical activities we usually work

77

00:04:38,560 --> 00:04:36,920

about eight hours a day physically tough

78

00:04:39,520 --> 00:04:38,570

Sportiva beyond de Lamartine history and

79

00:04:42,840 --> 00:04:39,530

then we have a couple of hours of

80

00:04:48,190 --> 00:04:42,850

physical activities that are mandatory

81

00:04:50,260 --> 00:04:48,200

and then we work on many experiments in

82

00:04:52,440 --> 00:04:50,270

ordina koumoue and the rest is is

83

00:04:57,490 --> 00:04:52,450

maintenance activities on the station

84

00:04:59,110 --> 00:04:57,500

difficult are the difficulties partially

85

00:05:02,680 --> 00:04:59,120

checked obese honestly everything is a

86

00:05:04,719 --> 00:05:02,690

lot easier you need to be careful

87

00:05:09,309 --> 00:05:04,729

let me see them where you

88

00:05:10,839 --> 00:05:09,319

such things where you place things most

89

00:05:13,929 --> 00:05:10,849

of because in every dimension it's

90

00:05:16,649 --> 00:05:13,939

possible to find something from an T and

91

00:05:19,329 --> 00:05:16,659

so you can lose objects and instruments

92

00:05:22,420 --> 00:05:19,339

country whether at amento so no no D

93

00:05:25,719 --> 00:05:22,430

Fortuna but I've been doing well as far

94

00:05:28,749 --> 00:05:25,729

as adapting I'm one lucky once I've had

95

00:05:38,129 --> 00:05:28,759

very few problems with adapting so I'm

96

00:05:45,129 --> 00:05:41,019

quality quality so removing where are

97

00:05:48,730 --> 00:05:45,139

the moments you know the most beautiful

98

00:05:53,170 --> 00:05:48,740

and least pleasant that you have

99

00:05:55,679 --> 00:05:53,180

experienced on this mission Sukhram

100

00:05:57,610 --> 00:05:55,689

enter on a moment I can record Oh

101  
00:06:00,279 --> 00:05:57,620  
compute oh yeah surely what are the

102  
00:06:05,769 --> 00:06:00,289  
moments that I remember with the most

103  
00:06:08,170 --> 00:06:05,779  
joy is opening the door from Soyuz into

104  
00:06:12,879 --> 00:06:08,180  
the station it's been a very emotional

105  
00:06:14,260 --> 00:06:12,889  
moment for me I don't wanna let you come

106  
00:06:16,540 --> 00:06:14,270  
with the colleagues with whom I will

107  
00:06:19,510 --> 00:06:16,550  
spend the next four months Kristin

108  
00:06:22,600 --> 00:06:19,520  
Kristin intense emotional inter RA but

109  
00:06:26,939 --> 00:06:22,610  
this this intense emotion of entering

110  
00:06:29,550 --> 00:06:26,949  
into the structure of the space station

111  
00:06:31,809 --> 00:06:29,560  
I was curious to see our labs

112  
00:06:33,699 --> 00:06:31,819  
ghostwritten Italian cake will increase

113  
00:06:37,719 --> 00:06:33,709

on many the many of these elements were

114

00:06:41,499 --> 00:06:37,729

built in Italy so definitely a great

115

00:06:46,059 --> 00:06:41,509

emotion ugly's moment honestly I

116

00:06:50,730 --> 00:06:46,069

couldn't say to dementing because until

117

00:06:58,889 --> 00:06:56,709

I look at Marta melis from Gigi 24 like

118

00:07:02,379 --> 00:06:58,899

to know a little bit more about your

119

00:07:06,010 --> 00:07:02,389

adaptation time in these times and in

120

00:07:08,379 --> 00:07:06,020

these 10 days what's it like to not use

121

00:07:10,499 --> 00:07:08,389

your legs and what's it like to be up

122

00:07:13,329 --> 00:07:10,509

there looking at the earth

123

00:07:18,040 --> 00:07:13,339

Larry sposta a case implement if the

124

00:07:21,850 --> 00:07:18,050

answer simply fantastic

125

00:07:25,180 --> 00:07:21,860

not I couldn't describe you would need a

126

00:07:28,839 --> 00:07:25,190

poet or or a writer only going to be

127

00:07:31,330 --> 00:07:28,849

able to describe what you what you're

128

00:07:34,290 --> 00:07:31,340

experiencing this this feeling of being

129

00:07:37,960 --> 00:07:34,300

able to move in four dimensions

130

00:07:40,149 --> 00:07:37,970

comprende and quality any spots here

131

00:07:42,399 --> 00:07:40,159

doughy so know anybody pack for me

132

00:07:47,290 --> 00:07:42,409

adaptation has been understanding what

133

00:07:50,649 --> 00:07:47,300

the various spaces are but aside from

134

00:07:57,850 --> 00:07:50,659

that there hasn't been a problem with

135

00:08:01,180 --> 00:07:57,860

adapting first looking out to the world

136

00:08:07,719 --> 00:08:01,190

from the window vista stream ain't ever

137

00:08:09,520 --> 00:08:07,729

T from this viewpoint so special colors

138

00:08:14,499 --> 00:08:09,530

what seeing how planet earth is so

139

00:08:20,110 --> 00:08:14,509

fragile with its thin atmosphere and

140

00:08:23,529 --> 00:08:20,120

looking at its incredible beauty and it

141

00:08:25,540 --> 00:08:23,539

has been absolutely extraordinary their

142

00:08:32,769 --> 00:08:25,550

stories on and talking about my spirit

143

00:08:39,000 --> 00:08:32,779

it elevates it in valentina tonello from

144

00:08:42,159 --> 00:08:39,010

Brian's 24 on the sixteenth year will be

145

00:08:43,870 --> 00:08:42,169

conducting a spacewalk how are you

146

00:08:47,710 --> 00:08:43,880

preparing for this adventure and what do

147

00:08:49,449 --> 00:08:47,720

you expect what I meant is that I will

148

00:08:51,720 --> 00:08:49,459

in been your most important a better man

149

00:08:54,639 --> 00:08:51,730

surely it will be a very important

150

00:08:59,410 --> 00:08:54,649

undertaking extra vehicular activities

151

00:09:02,310 --> 00:08:59,420

we are complex operations and it's

152

00:09:05,650 --> 00:09:02,320

necessary to have a lot of training

153

00:09:08,400 --> 00:09:05,660

wasted a miserable now it's it's many

154

00:09:10,840 --> 00:09:08,410

months that I've spent in the spacesuit

155

00:09:14,769 --> 00:09:10,850

seguramente sono and now it will be

156

00:09:18,550 --> 00:09:14,779

conducted as a real activity severely

157

00:09:19,420 --> 00:09:18,560

but I'm excited my focus will be on the

158

00:09:25,260 --> 00:09:19,430

procedures

159

00:09:29,290 --> 00:09:25,270

lavoro me so that I can complete my task

160

00:09:32,000 --> 00:09:29,300

fortunately with me I will have a very

161

00:09:34,910 --> 00:09:32,010

experienced colleague

162

00:09:38,900 --> 00:09:34,920

who just a few weeks ago he completed

163

00:09:42,550 --> 00:09:38,910

his fourth EBA so I will be open to

164

00:09:48,140 --> 00:09:45,050

because bet that even so that I will be

165

00:09:51,650 --> 00:09:48,150

able to create new memories importante a

166

00:09:54,620 --> 00:09:51,660

question a capacitor as far as for Italy

167

00:09:56,480 --> 00:09:54,630

this is an important moment revolver in

168

00:09:58,100 --> 00:09:56,490

la nostra funcionan yes turn out of

169

00:10:06,140 --> 00:09:58,110

emergency so that this is a very

170

00:10:10,880 --> 00:10:06,150

important step for us to evolve Iloka

171

00:10:12,800 --> 00:10:10,890

positivity of message era ever since you

172

00:10:15,620 --> 00:10:12,810

were a child you dreamt about being an

173

00:10:17,810 --> 00:10:15,630

astronaut so even for those looking at

174

00:10:20,830 --> 00:10:17,820

you from there are you starting to see

175

00:10:28,580 --> 00:10:24,860

port-o-potty sedona Pickler Guterres

176

00:10:34,460 --> 00:10:28,590

inaudible Amanda unfortunately I lost

177

00:10:35,660 --> 00:10:34,470

the signal can you repeat please you

178

00:10:39,800 --> 00:10:35,670

said that ever since you were a child

179

00:10:42,200 --> 00:10:39,810

you dreamt about being an astronaut also

180

00:10:44,390 --> 00:10:42,210

to understand who's looking down at us

181

00:10:49,910 --> 00:10:44,400

from above are you starting to see

182

00:10:53,000 --> 00:10:49,920

something to talk on they continue enter

183

00:10:55,040 --> 00:10:53,010

guardo we're due for a dress I see

184

00:10:57,530 --> 00:10:55,050

everything all the time opposite I meant

185

00:11:00,440 --> 00:10:57,540

a queen or we don't know I look out at

186

00:11:02,450 --> 00:11:00,450

every free time that I have implemented

187

00:11:04,190 --> 00:11:02,460

were reported where that only momentary

188

00:11:05,450 --> 00:11:04,200

but what are for era finestra me I

189

00:11:07,250 --> 00:11:05,460

didn't bring any activities that may

190

00:11:10,340 --> 00:11:07,260

distract me because at any time I would

191

00:11:13,510 --> 00:11:10,350

like to be able to look out looking be

192

00:11:18,610 --> 00:11:13,520

know so it's it's an ongoing discovery a

193

00:11:20,750 --> 00:11:18,620

point of our planet and it's marvels

194

00:11:23,660 --> 00:11:20,760

Guillermo strong be the same across he

195

00:11:26,840 --> 00:11:23,670

goes and then this is a particular time

196

00:11:30,140 --> 00:11:26,850

in our orbit one of the phenomena that

197

00:11:34,490 --> 00:11:30,150

you can see increased video though so no

198

00:11:36,590 --> 00:11:34,500

comment at the Northern Lights LTC many

199

00:11:41,690 --> 00:11:36,600

left most fans so right now they're like

200

00:11:43,040 --> 00:11:41,700

apparitions in the sky so this is

201  
00:11:48,620 --> 00:11:43,050  
something that even in my dreams I

202  
00:11:55,199 --> 00:11:51,420  
hi Jonah Bianconeri from the time I

203  
00:11:56,370 --> 00:11:55,209  
would like to know if if now there is

204  
00:11:59,370 --> 00:11:56,380  
something that you would have wanted to

205  
00:12:00,690 --> 00:11:59,380  
bring that you didn't and if there is

206  
00:12:06,509 --> 00:12:00,700  
something that you would like to take

207  
00:12:07,889 --> 00:12:06,519  
home from space better that's dope when

208  
00:12:12,180 --> 00:12:07,899  
I said T man and they would either K no

209  
00:12:14,210 --> 00:12:12,190  
no no no for now after a week I have to

210  
00:12:17,430 --> 00:12:14,220  
say that I'm not missing anything yet

211  
00:12:21,269 --> 00:12:17,440  
only Terabithia share pero in Delta or

212  
00:12:23,730 --> 00:12:21,279  
maybe a little one shot espresso me

213  
00:12:25,740 --> 00:12:23,740

manques a Sonu Sonu veramente contented

214

00:12:32,730 --> 00:12:25,750

but here on station there is nothing

215

00:12:36,569 --> 00:12:32,740

that I miss I feel like at home first

216

00:12:39,960 --> 00:12:36,579

bring him back on solokha since eternity

217

00:12:41,819 --> 00:12:39,970

and the Baraka if there was a way to

218

00:12:49,920 --> 00:12:41,829

bring the sense of unity and freedom

219

00:12:53,670 --> 00:12:49,930

that we feel on station Alessandra

220

00:12:56,340 --> 00:12:53,680

D'Angela from Roger I l'd like to know

221

00:13:01,170 --> 00:12:56,350

something else about the experiments

222

00:13:04,560 --> 00:13:01,180

that you are conducting see Uncas a

223

00:13:06,480 --> 00:13:04,570

passata so lunacy tomorrow yes even if

224

00:13:09,389 --> 00:13:06,490

it's only been a week we've already

225

00:13:14,449 --> 00:13:09,399

completed in these past few days this

226

00:13:23,430 --> 00:13:18,060

particularity their circadian experiment

227

00:13:25,800 --> 00:13:23,440

there's a specific diet partial

228

00:13:30,420 --> 00:13:25,810

Christian experimenting here to define

229

00:13:33,139 --> 00:13:30,430

the bone loss that happens in space

230

00:13:36,780 --> 00:13:33,149

there's many experiments that we will

231

00:13:39,180 --> 00:13:36,790

continue to do over the next six months

232

00:13:42,930 --> 00:13:39,190

oonh after experimenting in cerebral

233

00:13:46,170 --> 00:13:42,940

rivera ali another experiment everyone

234

00:13:49,680 --> 00:13:46,180

knows will arrive with the ATV actually

235

00:13:52,590 --> 00:13:49,690

several will arrive particular Sunday

236

00:13:56,220 --> 00:13:52,600

one in particular which is particularly

237

00:13:58,260 --> 00:13:56,230

interesting that I'm waiting for you own

238

00:14:02,100 --> 00:13:58,270

a green is our Italian experiment

239

00:14:04,019 --> 00:14:02,110

on combustion green air la Stazione a

240

00:14:08,040 --> 00:14:04,029

Purusha request Evo home which will

241

00:14:11,040 --> 00:14:08,050

allow to light up in the furnace here on

242

00:14:15,680 --> 00:14:11,050

station some combustibles so that we may

243

00:14:18,480 --> 00:14:15,690

try to obtain some clean combustion so

244

00:14:25,019 --> 00:14:18,490

very important and interesting

245

00:14:26,610 --> 00:14:25,029

experiments with immediate benefits the

246

00:14:30,389 --> 00:14:26,620

entire world us in your joy when you

247

00:14:32,850 --> 00:14:30,399

came into the space station is there

248

00:14:38,030 --> 00:14:32,860

something that really surprised you more

249

00:14:43,440 --> 00:14:40,769

seguramente Leitao di capelli de Mahal

250

00:14:47,400 --> 00:14:43,450

Agra Chris Cassidy Mia Mia called Pete

251

00:14:54,050 --> 00:14:47,410

oh yes surely my my colleagues haircut

252

00:14:58,350 --> 00:14:54,060

Chris Cassidy's surprised me no one knew

253

00:15:01,769 --> 00:14:58,360

I almost took it as a compliment so he

254

00:15:05,819 --> 00:15:01,779

shaved his hair too to welcome me

255

00:15:08,490 --> 00:15:05,829

somebody with a bald head like me and

256

00:15:12,300 --> 00:15:08,500

the other thing that's strike it's the

257

00:15:18,090 --> 00:15:12,310

atmosphere in station it's a very

258

00:15:21,889 --> 00:15:18,100

friendly atmosphere things around you

259

00:15:24,930 --> 00:15:21,899

may be intimidating or may seem cold and

260

00:15:29,250 --> 00:15:24,940

not welcoming but but the environment

261

00:15:31,110 --> 00:15:29,260

has been very welcoming and in Austin de

262

00:15:33,060 --> 00:15:31,120

amici 13cm

263

00:15:36,690 --> 00:15:33,070

it's a little bit like being in a hostel

264

00:15:39,560 --> 00:15:36,700

with some friends echo kisses and then

265

00:15:44,220 --> 00:15:39,570

the work environment is very particular

266

00:15:48,740 --> 00:15:44,230

but but the feeling of finding yourself

267

00:15:51,050 --> 00:15:48,750

at home danila Cipollini from wired I

268

00:15:53,610 --> 00:15:51,060

would like to know if you think that

269

00:15:56,760 --> 00:15:53,620

Italian industry in the future might be

270

00:16:01,829 --> 00:15:56,770

able to exploit better the International

271

00:16:03,990 --> 00:16:01,839

Space Station and if so how see what I

272

00:16:04,740 --> 00:16:04,000

meant to televisions here Monday Ali

273

00:16:10,890 --> 00:16:04,750

possono

274

00:16:12,150 --> 00:16:10,900

surely all world agency and Paul could

275

00:16:16,290 --> 00:16:12,160

utilize the ice

276

00:16:21,329 --> 00:16:16,300

better Questacon a shorter time on ISS

277

00:16:24,900 --> 00:16:21,339

is it's very only eight hours a day are

278

00:16:28,730 --> 00:16:24,910

not enough but it's absolutely necessary

279

00:16:33,179 --> 00:16:28,740

for Italian industries in all industries

280

00:16:33,749 --> 00:16:33,189

to invest more into space space is our

281

00:16:36,840 --> 00:16:33,759

future

282

00:16:39,150 --> 00:16:36,850

and of this we need to become aware that

283

00:16:39,710 --> 00:16:39,160

the sooner we do with the better on

284

00:16:43,879 --> 00:16:39,720

Quora

285

00:16:47,519 --> 00:16:43,889

ISS is entering this experimental phase

286

00:16:50,699 --> 00:16:47,529

materially the magazine agio usually we

287

00:16:56,100 --> 00:16:50,709

spend a lot of time in managing

288

00:16:58,559 --> 00:16:56,110

materials a quantum we're still learning

289

00:17:00,300 --> 00:16:58,569

how to how important it is to bring

290

00:17:05,460 --> 00:17:00,310

things up to station and down from

291

00:17:07,890 --> 00:17:05,470

station once we'll be able to exit this

292

00:17:10,140 --> 00:17:07,900

phase and and enter a purely

293

00:17:13,049 --> 00:17:10,150

experimental phase we'll be able to

294

00:17:14,309 --> 00:17:13,059

utilize better the station yeah another

295

00:17:17,730 --> 00:17:14,319

way to use it even better

296

00:17:19,740 --> 00:17:17,740

very few distributional informants Jani

297

00:17:21,149 --> 00:17:19,750

marrow FARC appear a legend take a chest

298

00:17:24,210 --> 00:17:21,159

to have better distribution of

299

00:17:26,100 --> 00:17:24,220

information you should cut or DHL about

300

00:17:29,000 --> 00:17:26,110

CB that there should be ways to make

301

00:17:34,039 --> 00:17:29,010

industries and university understand

302

00:17:40,350 --> 00:17:34,049

proposed how to step forward and propose

303

00:17:47,070 --> 00:17:40,360

in how to use the resources that we have

304

00:17:52,440 --> 00:17:47,080

here station this is Houston ACR thank

305

00:17:54,810 --> 00:17:52,450

you that concludes our event ASI and