



1
00:00:21,200 --> 00:00:02,690
station Houston for Palo we're ready for

2
00:00:23,450 --> 00:00:21,210
the event is the station ready Italian

3
00:00:39,840 --> 00:00:23,460
space agency this is Houston please call

4
00:00:49,470 --> 00:00:43,139
that if this agency this is station I

5
00:00:57,689 --> 00:00:49,480
really loud and clear Buon Giorno Buon

6
00:01:00,509 --> 00:00:57,699
Giorno agassiz today here we are Ciao

7
00:01:02,880 --> 00:01:00,519
Bella simona come about hi Paulo this is

8
00:01:07,410 --> 00:01:02,890
Simona how are you are you working hard

9
00:01:11,270 --> 00:01:07,420
these days what I was you're not there

10
00:01:13,320 --> 00:01:11,280
to a similar to you and everyone else

11
00:01:16,590 --> 00:01:13,330
welcome aboard the International Space

12
00:01:20,580 --> 00:01:16,600
Station so no Julia bath on Sabine these

13
00:01:22,710 --> 00:01:20,590

days are pretty packed you know because

14

00:01:25,919 --> 00:01:22,720

we've been starting to work with a full

15

00:01:27,930 --> 00:01:25,929

schedule okp hope you belong we gave us

16

00:01:30,450 --> 00:01:27,940

a bit of a slow rhythm in the beginning

17

00:01:32,730 --> 00:01:30,460

I'm being there to get used to the

18

00:01:34,559 --> 00:01:32,740

environment they just get our go out to

19

00:01:37,889 --> 00:01:34,569

destroy and now we're working really

20

00:01:39,210 --> 00:01:37,899

hard didi Sabbath ethical blessing and

21

00:01:43,199 --> 00:01:39,220

we also have some pretty complex

22

00:01:45,959 --> 00:01:43,209

activities that are coming up like the

23

00:01:46,889 --> 00:01:45,969

HTV the Japanese vehicle and there are

24

00:01:54,779 --> 00:01:46,899

many things that are going to be

25

00:01:56,160 --> 00:01:54,789

happening demo kwaku new president

26

00:02:00,090 --> 00:01:56,170

visages and we're here with the

27

00:02:05,099 --> 00:02:00,100

president so Jason and we can see you in

28

00:02:07,800 --> 00:02:05,109

the Columbus Lando yo man can you tell

29

00:02:12,780 --> 00:02:07,810

us what's going on there and what are

30

00:02:15,390 --> 00:02:12,790

you working on these days e questa what

31

00:02:16,860 --> 00:02:15,400

a deal of authority kitchen saucers this

32

00:02:19,050 --> 00:02:16,870

is one of the labs that's aboard the

33

00:02:22,560 --> 00:02:19,060

International Space Station it's the

34

00:02:25,650 --> 00:02:22,570

Columbus European level Italian it's

35

00:02:29,069 --> 00:02:25,660

actually been built in Italy because

36

00:02:31,590 --> 00:02:29,079

other modules on station have been know

37

00:02:35,210 --> 00:02:31,600

whose celebratory or OBO Japanese

38

00:02:39,440 --> 00:02:35,220

laboratorio americano there's also the

39

00:02:43,380 --> 00:02:39,450

American lamb and what we usually do

40

00:02:47,580 --> 00:02:43,390

painful you know during our days is

41

00:02:50,490 --> 00:02:47,590

spending time in these labs to make sure

42

00:02:52,050 --> 00:02:50,500

all systems are functioning but fighting

43

00:02:53,720 --> 00:02:52,060

mode of you to toughen Sione and we

44

00:02:55,820 --> 00:02:53,730

spend our days to make sure that every

45

00:02:57,170 --> 00:02:55,830

is working appropriately because in or

46

00:03:00,979 --> 00:02:57,180

phoenix make sure everything is

47

00:03:03,830 --> 00:03:00,989

organized urgency and prepare the job

48

00:03:06,339 --> 00:03:03,840

for the upcoming activities Shane oh man

49

00:03:09,259 --> 00:03:06,349

we also conduct science and experiments

50

00:03:12,140 --> 00:03:09,269

is what there are four scientists on

51
00:03:14,180 --> 00:03:12,150
earth will be direct with ambien that

52
00:03:16,309 --> 00:03:14,190
have entrusted us on how to utilize this

53
00:03:17,900 --> 00:03:16,319
environment provided any calls if a

54
00:03:19,580 --> 00:03:17,910
little experiment again also got to

55
00:03:29,690 --> 00:03:19,590
conduct experiments that we cannot

56
00:03:35,960 --> 00:03:29,700
conduct on earth bomani Oliva locative

57
00:03:39,050 --> 00:03:35,970
oh boy tomorrow the hdv is coming and at

58
00:03:41,509 --> 00:03:39,060
the end of february commission on don

59
00:03:43,220 --> 00:03:41,519
davara TV but we see do we attack the

60
00:03:45,650 --> 00:03:43,230
Kepler mission so how are the

61
00:03:49,280 --> 00:03:45,660
preparations going for these two docking

62
00:03:51,680 --> 00:03:49,290
both obey activities quickly be equally

63
00:03:54,789 --> 00:03:51,690

so no maybe about that very well these

64

00:03:57,830 --> 00:03:54,799

vehicles are very important non possiamo

65

00:04:00,860 --> 00:03:57,840

continue on without these vehicles we

66

00:04:03,559 --> 00:04:00,870

cannot continue our work both on an

67

00:04:06,140 --> 00:04:03,569

experimental standpoint but also to

68

00:04:07,250 --> 00:04:06,150

continue our work in general so it's

69

00:04:10,009 --> 00:04:07,260

very important that these vehicles

70

00:04:14,300 --> 00:04:10,019

arrive and bring us things that we need

71

00:04:17,870 --> 00:04:14,310

in HTV so the ATV and the HDD

72

00:04:20,479 --> 00:04:17,880

ever-important kt la mia kollegah

73

00:04:22,969 --> 00:04:20,489

Americana and Katie my American

74

00:04:25,909 --> 00:04:22,979

colleague I gunshot in the equallogic

75

00:04:28,879 --> 00:04:25,919

what will be responsible for grappling

76

00:04:33,620 --> 00:04:28,889

the japanese vehicle which differently

77

00:04:37,129 --> 00:04:33,630

from the ATV which dachshund itself got

78

00:04:41,629 --> 00:04:37,139

a magenta manda lluvia de Vaca really

79

00:04:43,490 --> 00:04:41,639

for the HTV the finale the final part so

80

00:04:45,560 --> 00:04:43,500

can vehicle OC fair mother she made it

81

00:04:51,560 --> 00:04:45,570

the vehicle stops about 10 meters from

82

00:04:55,010 --> 00:04:51,570

the station and war and hovers slightly

83

00:04:58,189 --> 00:04:55,020

moves line in bowling green because it's

84

00:05:00,469 --> 00:04:58,199

basically flying in a synchronized

85

00:05:02,380 --> 00:05:00,479

manner we got a quandary Opry and with

86

00:05:04,899 --> 00:05:02,390

the mechanical arm we're gonna go get it

87

00:05:07,140 --> 00:05:04,909

and then Gregor onboard station

88

00:05:10,680 --> 00:05:07,150

prophetic impreza

89

00:05:14,550 --> 00:05:10,690

is a complex operation and we completed

90

00:05:22,230 --> 00:05:14,560

the training a Houston Houston is

91

00:05:25,910 --> 00:05:22,240

unethical and we're definitely ready Joe

92

00:05:28,140 --> 00:05:25,920

power illegal hi Paulo there we go

93

00:05:31,050 --> 00:05:28,150

informatica colleague at all take a

94

00:05:32,460 --> 00:05:31,060

quick elastic on altec I wanted to let

95

00:05:36,840 --> 00:05:32,470

you know that aside from as you're also

96

00:05:39,420 --> 00:05:36,850

connected to al techo birthday but this

97

00:05:40,770 --> 00:05:39,430

ain't on but and they cannot ask you

98

00:05:44,370 --> 00:05:40,780

questions fortunately for you but they

99

00:05:46,980 --> 00:05:44,380

can hear you internet as a Java shito to

100

00:05:49,290 --> 00:05:46,990

say hey centrica legato a case a estado

101
00:05:51,630 --> 00:05:49,300
en série Tone Loc eye candy daddy Peggy

102
00:05:53,640 --> 00:05:51,640
shorty award and you probably know that

103
00:05:56,370 --> 00:05:53,650
you've been selected for the shorty

104
00:06:00,090 --> 00:05:56,380
awards on the internet a single Sibella

105
00:06:02,760 --> 00:06:00,100
chains for the social media words the

106
00:06:04,920 --> 00:06:02,770
imaginary soda maker I in kollegah

107
00:06:06,690 --> 00:06:04,930
Mentos the festival today and you're

108
00:06:11,610 --> 00:06:06,700
probably going to go on the internet to

109
00:06:14,850 --> 00:06:11,620
try and get votes have you got a ring a

110
00:06:16,260 --> 00:06:14,860
co-parent here we go thank you just

111
00:06:19,140 --> 00:06:16,270
imagine a las two tennis but I panicked

112
00:06:21,120 --> 00:06:19,150
for this visit to the space station hey

113
00:06:25,320 --> 00:06:21,130

Katherine I'd like to say hello to the

114

00:06:28,200 --> 00:06:25,330

people altec in turn that are continuing

115

00:06:31,230 --> 00:06:28,210

to support us shorty award you going to

116

00:06:33,240 --> 00:06:31,240

shorty award i kinda like it if I didn't

117

00:06:36,360 --> 00:06:33,250

even knew it existed don't we take a no

118

00:06:39,570 --> 00:06:36,370

but I've seen on Twitter and I all these

119

00:06:41,100 --> 00:06:39,580

messages that started going so no

120

00:06:44,190 --> 00:06:41,110

something is really midi download I

121

00:06:47,310 --> 00:06:44,200

don't know if I deserve it and I don't

122

00:06:49,260 --> 00:06:47,320

even know how it works cause I came here

123

00:06:50,940 --> 00:06:49,270

so I let the people decide if it's

124

00:06:56,870 --> 00:06:50,950

something that makes sense and I'll let

125

00:07:01,140 --> 00:06:59,070

the prima don't mind I get severely

126

00:07:02,970 --> 00:07:01,150

mentally fancy the first question we can

127

00:07:05,220 --> 00:07:02,980

think of what is when he can be a mean

128

00:07:08,160 --> 00:07:05,230

dick anal taco and a soda speciali for a

129

00:07:10,140 --> 00:07:08,170

la prima be seated waisa is what are the

130

00:07:12,840 --> 00:07:10,150

changes that you've noticed from your

131

00:07:15,390 --> 00:07:12,850

first visit to the space station and now

132

00:07:19,140 --> 00:07:15,400

and if you think it was better now we're

133

00:07:20,879 --> 00:07:19,150

then totally honest so last time I came

134

00:07:23,159 --> 00:07:20,889

was only three years ago but

135

00:07:26,129 --> 00:07:23,169

the station has changed with the arrival

136

00:07:29,839 --> 00:07:26,139

of the no 2 which is the note we brought

137

00:07:32,550 --> 00:07:29,849

on board by we increase the volume

138

00:07:35,399 --> 00:07:32,560

mother alone and we've also been able to

139

00:07:38,969 --> 00:07:35,409

add the Columbus module the Japanese

140

00:07:40,320 --> 00:07:38,979

module note 3 while they do pity quite

141

00:07:42,540 --> 00:07:40,330

clearly meant it was the Rivini and

142

00:07:46,200 --> 00:07:42,550

almost all these elements built in Italy

143

00:07:49,649 --> 00:07:46,210

the cupola then I meant it even that so

144

00:07:53,279 --> 00:07:49,659

the station has truly become an

145

00:07:55,830 --> 00:07:53,289

excellent lab with with all this

146

00:07:59,459 --> 00:07:55,840

instrumentation that scientists can make

147

00:08:03,510 --> 00:07:59,469

use of my bigger no equal mentor now but

148

00:08:06,450 --> 00:08:03,520

also for us as astronauts the station

149

00:08:10,559 --> 00:08:06,460

has become a place where we can work and

150

00:08:13,260 --> 00:08:10,569

live with more comforts you know without

151
00:08:16,409 --> 00:08:13,270
you know two and three we sort of camped

152
00:08:20,999 --> 00:08:16,419
around with sleeping bags where's now we

153
00:08:23,850 --> 00:08:21,009
have a place that we can call our little

154
00:08:26,850 --> 00:08:23,860
room I'm not anything that we can go in

155
00:08:29,040 --> 00:08:26,860
there and we have our things hey boy

156
00:08:32,060 --> 00:08:29,050
then we'll give my channel blocker and

157
00:08:35,069 --> 00:08:32,070
lastly we have the cupola which is a

158
00:08:38,040 --> 00:08:35,079
beautiful spot thanks for looking at the

159
00:08:41,389 --> 00:08:38,050
earth and it's a place that usually I

160
00:08:43,889 --> 00:08:41,399
take pictures that I put on the internet

161
00:08:47,189 --> 00:08:43,899
and it's beautiful and it's of course

162
00:08:50,189 --> 00:08:47,199
useful vampirella gancho for example we

163
00:08:58,500 --> 00:08:50,199

use the cupola for the docking of the

164

00:09:01,259 --> 00:08:58,510

japanese wat module piece together see

165

00:09:03,120 --> 00:09:01,269

the McLean less than alpha kappa justice

166

00:09:06,680 --> 00:09:03,130

that sara kennedy is eric widows in VA

167

00:09:10,259 --> 00:09:06,690

pue aforesaid super claim was telling me

168

00:09:13,860 --> 00:09:10,269

that the thing he and these the most is

169

00:09:15,680 --> 00:09:13,870

the cupola me to work and the ability to

170

00:09:18,870 --> 00:09:15,690

see the earth the way you describe it

171

00:09:21,329 --> 00:09:18,880

well I always promote his vision I'm a

172

00:09:23,460 --> 00:09:21,339

penis apprec battalion to you do you

173

00:09:25,850 --> 00:09:23,470

take turns accessing the cupola or is it

174

00:09:28,230 --> 00:09:25,860

whoever wakes up in the morning first

175

00:09:31,530 --> 00:09:28,240

yeah well the cupola has been made in

176
00:09:32,489 --> 00:09:31,540
Italy so when we make things we build

177
00:09:36,059 --> 00:09:32,499
them well

178
00:09:37,949 --> 00:09:36,069
a pair of acomodar experiment a try a

179
00:09:40,949 --> 00:09:37,959
strategy it has many windows to

180
00:09:43,009 --> 00:09:40,959
comfortably accommodate three astronauts

181
00:09:47,209 --> 00:09:43,019
so you were usually by ourselves or in

182
00:09:49,199 --> 00:09:47,219
couples forget you John alfine

183
00:09:51,599 --> 00:09:49,209
laboratorio and i have to say that there

184
00:09:53,969 --> 00:09:51,609
is another window in the lab that can be

185
00:09:56,759 --> 00:09:53,979
maybe i'ma throw but it's 40 centimeters

186
00:09:59,429 --> 00:09:56,769
in diameter I mean big where's the

187
00:10:02,909 --> 00:09:59,439
cupola gives you very different much

188
00:10:06,029 --> 00:10:02,919

more complete view any it gives you an

189

00:10:08,129 --> 00:10:06,039

opportunity to enjoy this view but then

190

00:10:10,109 --> 00:10:08,139

I most of your beef ably and so it's a

191

00:10:13,369 --> 00:10:10,119

very important addition that has

192

00:10:16,129 --> 00:10:13,379

rendered the station much more habitable

193

00:10:19,169 --> 00:10:16,139

will develop man that last question

194

00:10:20,489 --> 00:10:19,179

Shivan of the land a journalist

195

00:10:22,799 --> 00:10:20,499

see here's a question from some

196

00:10:24,689 --> 00:10:22,809

journalists yeah Felicity found like a

197

00:10:28,379 --> 00:10:24,699

walking again so give me that maybe you

198

00:10:31,349 --> 00:10:28,389

get from some young person's to justice

199

00:10:34,019 --> 00:10:31,359

yeah is it busy manager glad you take a

200

00:10:37,379 --> 00:10:34,029

shower in the station how to use eat how

201
00:10:40,409 --> 00:10:37,389
do you sleep ality fecal study vtec want

202
00:10:42,479 --> 00:10:40,419
any comment on the difficulties of

203
00:10:45,960 --> 00:10:42,489
living there and how long it takes to

204
00:10:48,689 --> 00:10:45,970
get used to living in a microgravity

205
00:10:51,149 --> 00:10:48,699
environment cement a que para que si

206
00:10:53,489 --> 00:10:51,159
hace para la Coupole so Rico first I

207
00:10:55,619 --> 00:10:53,499
wanted to say real quick that it's not

208
00:10:57,689 --> 00:10:55,629
that we spend most of our time in the

209
00:11:01,739 --> 00:10:57,699
cupola in fact most of the time there's

210
00:11:04,710 --> 00:11:01,749
no one in there one of the good things

211
00:11:06,779 --> 00:11:04,720
is one of the one of the physical

212
00:11:09,419 --> 00:11:06,789
exercises that we do that we have to do

213
00:11:13,169 --> 00:11:09,429

did you get a monkey not bad buddy baby

214

00:11:15,960 --> 00:11:13,179

which is the weight machine it's right

215

00:11:18,329 --> 00:11:15,970

underneath the cupola so whenever we're

216

00:11:21,389 --> 00:11:18,339

working out you have the window in front

217

00:11:23,159 --> 00:11:21,399

of you you can just look up let me go

218

00:11:24,479 --> 00:11:23,169

grab you dive and I maintain that aside

219

00:11:26,759 --> 00:11:24,489

the microgravity environment is very

220

00:11:28,439 --> 00:11:26,769

interesting they compete ecologies no

221

00:11:29,909 --> 00:11:28,449

very close again I travel it really

222

00:11:32,159 --> 00:11:29,919

makes you understand how there are

223

00:11:35,759 --> 00:11:32,169

things that we do if my body thinks it's

224

00:11:38,339 --> 00:11:35,769

on earth that usually are difficult that

225

00:11:40,379 --> 00:11:38,349

here you can do without any effort well

226

00:11:42,059 --> 00:11:40,389

could you solo falta que quiso five

227

00:11:45,689 --> 00:11:42,069

chili there are things that here are

228

00:11:46,410 --> 00:11:45,699

easy I get are hard on earth and vice

229

00:11:49,530 --> 00:11:46,420

versa

230

00:11:51,030 --> 00:11:49,540

for example for secret if I don't taking

231

00:11:52,710 --> 00:11:51,040

a shower here it's practically

232

00:11:54,590 --> 00:11:52,720

impossible to take a shower because the

233

00:11:57,810 --> 00:11:54,600

water would go everywhere so you can't

234

00:12:00,030 --> 00:11:57,820

so the only way to wash yourself Wow

235

00:12:05,370 --> 00:12:00,040

stop or not is to use some soapy water

236

00:12:07,530 --> 00:12:05,380

and use a towel a queen e questo è una

237

00:12:08,970 --> 00:12:07,540

delle then it goes okay for semi vodka

238

00:12:12,389 --> 00:12:08,980

so this is one of the things that

239

00:12:19,230 --> 00:12:12,399

probably I miss the most being able to

240

00:12:21,840 --> 00:12:19,240

feel water on your skin italiana eating

241

00:12:25,439 --> 00:12:21,850

some fruit from the Italian cuisine that

242

00:12:28,920 --> 00:12:25,449

I miss rather than prepackaged meals I

243

00:12:30,449 --> 00:12:28,930

mean thing for Dante and in fact oh yes

244

00:12:32,250 --> 00:12:30,459

I weapon of the temple but it is very

245

00:12:35,850 --> 00:12:32,260

important to be here for an extended

246

00:12:55,379 --> 00:12:35,860

amount of time okay you know a sec evita

247

00:13:01,689 --> 00:12:58,419

paola semana de novo Apollo this is

248

00:13:03,519 --> 00:13:01,699

Simone again monkey Noland uppercu Silas

249

00:13:05,889 --> 00:13:03,529

aside from the fact that we're also

250

00:13:10,900 --> 00:13:05,899

missing Italian food in the Netherlands

251
00:13:13,600 --> 00:13:10,910
but jokes aside the emptiness is regular

252
00:13:15,400 --> 00:13:13,610
can you tell us how the experiment of

253
00:13:18,939 --> 00:13:15,410
the plants is going this educational

254
00:13:21,850 --> 00:13:18,949
experiment that you're conducting equal

255
00:13:25,119 --> 00:13:21,860
yes education I think this is an

256
00:13:26,859 --> 00:13:25,129
educational experiment boy I get

257
00:13:30,460 --> 00:13:26,869
respected that was thought up by the

258
00:13:34,329 --> 00:13:30,470
Italian space agency and it's an

259
00:13:37,090 --> 00:13:34,339
interesting experiment when I lucky i EG

260
00:13:39,429 --> 00:13:37,100
bar that will begin once the ATV will

261
00:13:41,650 --> 00:13:39,439
bring us the appropriate components it's

262
00:13:44,199 --> 00:13:41,660
a simple experiment so will will grow

263
00:13:46,359 --> 00:13:44,209

some plants here in orbit that a

264

00:13:49,350 --> 00:13:46,369

multivalued of the interesting things is

265

00:13:52,960 --> 00:13:49,360

that will give the various European

266

00:13:54,819 --> 00:13:52,970

glasses a little kit so that they'll be

267

00:13:56,829 --> 00:13:54,829

able to do the same things that I'm

268

00:14:00,100 --> 00:13:56,839

doing here in orbit and then we'll

269

00:14:03,789 --> 00:14:00,110

exchange observations My Dying bharati

270

00:14:06,489 --> 00:14:03,799

it's something simple but learning how

271

00:14:09,699 --> 00:14:06,499

to utilize something simple to make

272

00:14:13,119 --> 00:14:09,709

observations scientific nature such as

273

00:14:16,090 --> 00:14:13,129

trying to measure parameters import that

274

00:14:18,910 --> 00:14:16,100

it's an important thing in fiat it and

275

00:14:22,299 --> 00:14:18,920

it's it's an essential step that allows

276

00:14:24,759 --> 00:14:22,309

students to start thinking in a

277

00:14:27,160 --> 00:14:24,769

technical and scientific manner and I'm

278

00:14:29,619 --> 00:14:27,170

very happy that the European Space

279

00:14:31,179 --> 00:14:29,629

Agency was able to put this experiment

280

00:14:35,049 --> 00:14:31,189

on board and I'm looking forward to

281

00:14:42,730 --> 00:14:35,059

start it and be able to contact all the

282

00:14:45,100 --> 00:14:42,740

students in schools hace una semana esta

283

00:14:46,210 --> 00:14:45,110

aqui una demanda special just a second I

284

00:14:48,819 --> 00:14:46,220

have a journalist there is a special

285

00:14:52,059 --> 00:14:48,829

question for you really didn't mean

286

00:14:55,230 --> 00:14:52,069

silly focus today I'm butter and jelly

287

00:14:58,090 --> 00:14:55,240

from the bottom of our focus magazine

288

00:15:00,489 --> 00:14:58,100

patio mata p.m. okely not a bit in

289

00:15:03,850 --> 00:15:00,499

the past you've identified you see me

290

00:15:06,129 --> 00:15:03,860

them or caustic remember in DC we like

291

00:15:06,790 --> 00:15:06,139

to toast with you but we know it's it's

292

00:15:09,300 --> 00:15:06,800

imposter

293

00:15:14,259 --> 00:15:09,310

so can you show us something similar

294

00:15:17,470 --> 00:15:14,269

such as toasting in space visual te voy

295

00:15:20,680 --> 00:15:17,480

de focus first of all welcome everyone

296

00:15:23,170 --> 00:15:20,690

from focus magazine it's not every day

297

00:15:24,910 --> 00:15:23,180

that you get to come up here wanna

298

00:15:27,430 --> 00:15:24,920

divorce tonight and I'm convinced that

299

00:15:29,680 --> 00:15:27,440

in the future you'll be able to send up

300

00:15:31,449 --> 00:15:29,690

one of your journalists up here quies

301
00:15:33,370 --> 00:15:31,459
let the fantasy comport on our model

302
00:15:37,120 --> 00:15:33,380
strap liquids here behave in a strange

303
00:15:38,860 --> 00:15:37,130
matter we don't have classes pina colada

304
00:15:43,180 --> 00:15:38,870
lucha para la we basically have

305
00:15:45,610 --> 00:15:43,190
everything in little bags with a strong

306
00:15:49,110 --> 00:15:45,620
and a little valve that we use so that

307
00:15:52,060 --> 00:15:49,120
everything doesn't just come out

308
00:15:54,460 --> 00:15:52,070
scenario is Pechaluk it was one of the

309
00:15:57,699 --> 00:15:54,470
car the American colleagues has decided

310
00:15:59,230 --> 00:15:57,709
to design a special cup question effect

311
00:16:00,790 --> 00:15:59,240
you saw their pickets you only giving us

312
00:16:04,960 --> 00:16:00,800
to the epithelium entities are

313
00:16:07,329 --> 00:16:04,970

applications that are studied a toy they

314

00:16:11,610 --> 00:16:07,339

suddenly venis ad vitur equally spot

315

00:16:14,290 --> 00:16:11,620

here for example in space vehicle thanks

316

00:16:17,139 --> 00:16:14,300

what amuses similar well of course a

317

00:16:20,139 --> 00:16:17,149

piranha approach is right there right so

318

00:16:22,630 --> 00:16:20,149

one thing that's any features are doing

319

00:16:26,800 --> 00:16:22,640

on earth that's easy to do on space and

320

00:16:30,010 --> 00:16:26,810

vice versa is drinking something vanity

321

00:16:32,769 --> 00:16:30,020

focus so to toe see you with for the

322

00:16:34,810 --> 00:16:32,779

18th year of focus magazine Jimbo

323

00:16:39,340 --> 00:16:34,820

Gallagher a gig rovira cement anal area

324

00:16:41,319 --> 00:16:39,350

it been low cozy center v quieres so I

325

00:16:44,290 --> 00:16:41,329

will show you to swear I'm going to let

326

00:16:52,430 --> 00:16:44,300

the liquid float and drink it with a cup

327

00:17:12,400 --> 00:17:07,320

you

328

00:17:19,390 --> 00:17:12,410

family best wishes to focus in its 18

329

00:17:21,790 --> 00:17:19,400

years Balsamo was inked you soon after

330

00:17:24,880 --> 00:17:21,800

massage olive oil and add a codicil

331

00:17:26,410 --> 00:17:24,890

palace work barlett we're almost done is

332

00:17:29,170 --> 00:17:26,420

there a message you want to send from

333

00:17:31,210 --> 00:17:29,180

the space station see be there veteran

334

00:17:32,290 --> 00:17:31,220

successfully with any sooner is there

335

00:17:35,310 --> 00:17:32,300

something you want to say for the

336

00:17:38,410 --> 00:17:35,320

success of this mission for the European

337

00:17:41,470 --> 00:17:38,420

manned spaceflight he will evolve to

338

00:17:43,390 --> 00:17:41,480

learning that CRA first of all a legend

339

00:17:46,420 --> 00:17:43,400

speciali opieop i wanted to thank you

340

00:17:49,030 --> 00:17:46,430

and the European Space Agency for the

341

00:17:52,120 --> 00:17:49,040

efforts they've made to further you on

342

00:17:55,150 --> 00:17:52,130

this station utilize it in the best way

343

00:17:57,580 --> 00:17:55,160

possible ideally I'd like to thank

344

00:18:00,400 --> 00:17:57,590

President such as in the Italian space

345

00:18:04,150 --> 00:18:00,410

agency for the contribution to the

346

00:18:06,910 --> 00:18:04,160

European Space Agency to continue space

347

00:18:09,340 --> 00:18:06,920

station in its programs equals 0 Z

348

00:18:14,680 --> 00:18:09,350

defeat city these are complex expensive

349

00:18:17,430 --> 00:18:14,690

and difficult works in our job is to

350

00:18:22,570 --> 00:18:17,440

find things to utilize the station for

351

00:18:27,070 --> 00:18:22,580

and also make sure these things can

352

00:18:29,620 --> 00:18:27,080

happen in quickly for example our

353

00:18:32,140 --> 00:18:29,630

procedures currently are very complex

354

00:18:35,110 --> 00:18:32,150

and it takes time to bring things in

355

00:18:39,760 --> 00:18:35,120

space so we should find a way to bring

356

00:18:42,280 --> 00:18:39,770

things up more easily team of aikido to

357

00:18:45,790 --> 00:18:42,290

continue refr law so i ask you to

358

00:18:48,400 --> 00:18:45,800

continue to do that and it's an

359

00:18:51,160 --> 00:18:48,410

important station to continue exploring

360

00:18:54,280 --> 00:18:51,170

but also to give us a different point of

361

00:18:57,790 --> 00:18:54,290

view and new here in space to continue

362

00:18:59,740 --> 00:18:57,800

to allow everyone to dream because even

363

00:19:04,570 --> 00:18:59,750

with our dreams we continue to grow

364

00:19:07,660 --> 00:19:04,580

thank you again to everyone shall I get

365

00:19:11,050 --> 00:19:07,670

up up and also half foul by from

366

00:19:12,400 --> 00:19:11,060

everyone here to iron shopping

367

00:19:16,740 --> 00:19:12,410

unfortunately we didn't make it to your

368

00:19:18,780 --> 00:19:16,750

launch because of an ISA council

369

00:19:20,580 --> 00:19:18,790

engine Elder Wand ashamed imaginative

370

00:19:22,560 --> 00:19:20,590

anymore so hopefully they'll organize

371

00:19:24,810 --> 00:19:22,570

something when you come back so we can

372

00:19:29,190 --> 00:19:24,820

come see you again thank you for being

373

00:19:32,610 --> 00:19:29,200

with us Teddy congrats here we go thank

374

00:19:34,740 --> 00:19:32,620

you mother father is born a debrief I'm

375

00:19:39,300 --> 00:19:34,750

sure when I come back I'll have a lot to

376

00:19:42,300 --> 00:19:39,310

do with rehab and debriefings but as

377

00:19:46,950 --> 00:19:42,310

soon as i'm done i'll come by the hotel

378

00:19:50,550 --> 00:19:46,960

space agency in rome to bring you

379

00:19:51,990 --> 00:19:50,560

firsthand the things that we've done and

380

00:20:03,810 --> 00:19:52,000

how we can continue this work in the

381

00:20:06,860 --> 00:20:03,820

future thank you station this is Houston

382

00:20:09,870 --> 00:20:06,870

ACR that concludes the event thank you

383

00:20:13,740 --> 00:20:09,880

thank you Italian space agency I thank

384

00:20:16,170 --> 00:20:13,750

you I appreciate it thank you Italian