



1  
00:00:19,940 --> 00:00:02,290  
station this is Houston are you ready

2  
00:00:25,700 --> 00:00:23,690  
I all ready for you ISA this is Mission

3  
00:00:32,360 --> 00:00:25,710  
Control Houston please call station for

4  
00:00:33,590 --> 00:00:32,370  
a voice check station this is recycle

5  
00:00:37,569 --> 00:00:33,600  
students on from the European Space

6  
00:00:37,579 --> 00:00:43,680  
I receipt is loud and clear already

7  
00:00:48,579 --> 00:00:45,969  
wonderful laundry i am here together

8  
00:00:50,410 --> 00:00:48,589  
with marlane from SBS and she has a lot

9  
00:00:54,520 --> 00:00:50,420  
of questions for you so I leave the

10  
00:00:57,549 --> 00:00:54,530  
floor to her hello I'm David theaters

11  
00:01:03,250 --> 00:00:57,559  
like Nikita pata at home for sale to

12  
00:01:04,389 --> 00:01:03,260  
have for blythe almost over can you

13  
00:01:08,679 --> 00:01:04,399

please tell me what you have to look

14

00:01:11,590 --> 00:01:08,689

highlight was so far yeah that's good oh

15

00:01:13,809 --> 00:01:11,600

yes there are different highlights high

16

00:01:17,499 --> 00:01:13,819

points I think the biggest one still has

17

00:01:20,020 --> 00:01:17,509

to come but so far there have been

18

00:01:23,260 --> 00:01:20,030

several one moment that the state with

19

00:01:26,350 --> 00:01:23,270

me is that up tonight when Ike the

20

00:01:29,169 --> 00:01:26,360

copula where I can look outside and i

21

00:01:32,320 --> 00:01:29,179

went in there without any cameras so

22

00:01:35,469 --> 00:01:32,330

just by myself and then I was flying

23

00:01:38,499 --> 00:01:35,479

over Europe at night over Italy but I

24

00:01:41,919 --> 00:01:38,509

could still see the Netherlands and down

25

00:01:44,770 --> 00:01:41,929

below I could even see Cairo and so

26  
00:01:48,100 --> 00:01:44,780  
there was a Norway Morocco all of Europe

27  
00:01:53,109 --> 00:01:48,110  
I could see all cities all the lights it

28  
00:01:55,029 --> 00:01:53,119  
was a beautiful moment epic hail fell

29  
00:01:57,759 --> 00:01:55,039  
more in front and you also took a lot of

30  
00:02:00,160 --> 00:01:57,769  
beautiful pictures yesterday we saw one

31  
00:02:01,600 --> 00:02:00,170  
on Twitter of a Venus what is the most

32  
00:02:05,440 --> 00:02:01,610  
beautiful picture or the most special

33  
00:02:07,059 --> 00:02:05,450  
picture you've taken so far jared is

34  
00:02:08,619 --> 00:02:07,069  
locked oh well that's kind of difficult

35  
00:02:10,240 --> 00:02:08,629  
to say because there's so many beautiful

36  
00:02:15,490 --> 00:02:10,250  
things to see down on earth but also

37  
00:02:20,050 --> 00:02:15,500  
stars what is also very special theory

38  
00:02:22,270 --> 00:02:20,060

is a glow of the atmosphere and that is

39

00:02:25,899 --> 00:02:22,280

probably to me the northern light or the

40

00:02:30,610 --> 00:02:25,909

sudden light is very special to me son

41

00:02:33,580 --> 00:02:30,620

twice at southern lighten so that's a

42

00:02:39,640 --> 00:02:33,590

very special and it's almost like a

43

00:02:41,680 --> 00:02:39,650

fairy tale now is it if you compare the

44

00:02:45,580 --> 00:02:41,690

human ah well you know it's very special

45

00:02:48,910 --> 00:02:45,590

that you are in space now which vacation

46

00:02:52,670 --> 00:02:48,920

can can top this after this

47

00:02:55,970 --> 00:02:52,680

goddess well uh earth is just beautiful

48

00:02:58,940 --> 00:02:55,980

planet Earth and actually all the things

49

00:03:02,240 --> 00:02:58,950

you see down below you really feel like

50

00:03:04,729 --> 00:03:02,250

going there the most beautiful spot on

51  
00:03:06,770 --> 00:03:04,739  
the earth when you look at it from space

52  
00:03:09,440 --> 00:03:06,780  
is the Bahamas or the beautiful

53  
00:03:12,640 --> 00:03:09,450  
turquoise water in a plan on going there

54  
00:03:16,520 --> 00:03:12,650  
after my space trip so I want to go

55  
00:03:18,979 --> 00:03:16,530  
diving their scuba diving and also the

56  
00:03:22,039 --> 00:03:18,989  
area around the Sahara Australia these

57  
00:03:24,680 --> 00:03:22,049  
are such beautiful space places and then

58  
00:03:30,920 --> 00:03:24,690  
you really think to yourself I really

59  
00:03:32,660 --> 00:03:30,930  
have to go visit hope you do for you and

60  
00:03:34,250 --> 00:03:32,670  
nautical he'll have evaded what I also

61  
00:03:35,839 --> 00:03:34,260  
would like to know what is the first

62  
00:03:39,649 --> 00:03:35,849  
thing you're going to drink when you're

63  
00:03:43,280 --> 00:03:39,659

back on earth sure look that's a nice

64

00:03:45,589 --> 00:03:43,290

question food wise uh it's a

65

00:03:49,309 --> 00:03:45,599

freeze-dried so you just have to add a

66

00:03:53,689 --> 00:03:49,319

little water these are green beans with

67

00:03:57,250 --> 00:03:53,699

mushrooms and beverages is saw in these

68

00:04:00,890 --> 00:03:57,260

pouches it's nice you can play with them

69

00:04:04,189 --> 00:04:00,900

I'll give you a brief demonstration how

70

00:04:05,809 --> 00:04:04,199

it looks like so you have to be careful

71

00:04:10,039 --> 00:04:05,819

of course because everything floats

72

00:04:12,649 --> 00:04:10,049

around and that's something I will be

73

00:04:15,229 --> 00:04:12,659

missing but a regular meals are not from

74

00:04:17,330 --> 00:04:15,239

a pouch will also be nice thing to have

75

00:04:21,439 --> 00:04:17,340

back so i think i'm just going to have

76

00:04:25,339 --> 00:04:21,449

an end in diverse to when i get back on

77

00:04:27,700 --> 00:04:25,349

earth maybe so just nice at home regular

78

00:04:32,779 --> 00:04:27,710

a home cooked food cooked by your wife

79

00:04:35,330 --> 00:04:32,789

it isn't like yes you did it enjoy it we

80

00:04:37,399 --> 00:04:35,340

also understand entree that you are a

81

00:04:40,010 --> 00:04:37,409

big fan of the dutch national soccer

82

00:04:43,969 --> 00:04:40,020

team and i will you be able to see the

83

00:04:47,450 --> 00:04:43,979

dutch soccer games from space I'm not

84

00:04:49,879 --> 00:04:47,460

directly but not right now but they're

85

00:04:53,000 --> 00:04:49,889

working on its heart there are engineers

86

00:04:55,640 --> 00:04:53,010

that are working on it that we on

87

00:04:58,450 --> 00:04:55,650

setting this up and so we can see all

88

00:05:01,129 --> 00:04:58,460

kind of shows from down below and

89

00:05:02,719 --> 00:05:01,139

they're also working on allowing me to

90

00:05:05,360 --> 00:05:02,729

watch the games from a

91

00:05:08,420 --> 00:05:05,370

here but i'm looking i'm definitely

92

00:05:11,959 --> 00:05:08,430

looking forward to it I do have a soccer

93

00:05:15,579 --> 00:05:11,969

ball here on board so maybe that'll have

94

00:05:20,209 --> 00:05:15,589

to do okay and all right the new and and

95

00:05:22,610 --> 00:05:20,219

so do you have a orange shirt or outfit

96

00:05:25,040 --> 00:05:22,620

with you maybe an orange cap for the

97

00:05:30,860 --> 00:05:25,050

dutch national soccer team yes i do have

98

00:05:33,499 --> 00:05:30,870

orange shirts with me with a logo and i

99

00:05:37,339 --> 00:05:33,509

have worn those so i do have the

100

00:05:39,529 --> 00:05:37,349

necessary outfit up here now do you on

101  
00:05:41,149 --> 00:05:39,539  
board he'll feel very applicable you're

102  
00:05:45,079 --> 00:05:41,159  
doing a lot of scientific research on

103  
00:05:50,379 --> 00:05:45,089  
board and what can we notice or

104  
00:05:55,579 --> 00:05:53,510  
scientific research up here in space is

105  
00:05:59,059 --> 00:05:55,589  
of course that it's the variety of

106  
00:06:04,299 --> 00:05:59,069  
things there are engineers down on earth

107  
00:06:06,559 --> 00:06:04,309  
who work on these projects and they

108  
00:06:08,899 --> 00:06:06,569  
appear we can do it without the

109  
00:06:12,290 --> 00:06:08,909  
influence of gravity without being

110  
00:06:13,939 --> 00:06:12,300  
impacted by that so that is the big

111  
00:06:17,089 --> 00:06:13,949  
advantage that we have here so the

112  
00:06:19,600 --> 00:06:17,099  
things that our research here can be for

113  
00:06:24,279 --> 00:06:19,610

example the behavior of flames

114

00:06:31,100 --> 00:06:27,790

physiological research the behavior of

115

00:06:35,869 --> 00:06:31,110

fluids or liquids and all these things

116

00:06:38,449 --> 00:06:35,879

can be applied to issues on earth so

117

00:06:42,739 --> 00:06:38,459

it's really applied science applied

118

00:06:46,010 --> 00:06:42,749

research so its first of all it's

119

00:06:51,589 --> 00:06:46,020

applied to space and then it's brought

120

00:06:56,029 --> 00:06:51,599

back to earth I'm a hopeful oppa so has

121

00:06:59,540 --> 00:06:56,039

everything gone well correlation slope I

122

00:07:01,699 --> 00:06:59,550

can hear only gone well I assume that

123

00:07:04,459 --> 00:07:01,709

you're referring to the mission well I

124

00:07:05,600 --> 00:07:04,469

had a great time here I'm still going to

125

00:07:11,540 --> 00:07:05,610

be here for another three and a half

126

00:07:16,399 --> 00:07:11,550

weeks so I've been very busy today we've

127

00:07:19,399 --> 00:07:16,409

been working on research of liquids

128

00:07:23,799 --> 00:07:19,409

and another research we've been working

129

00:07:26,809 --> 00:07:23,809

on today's the eye socket so

130

00:07:28,669 --> 00:07:26,819

everything's come well so far we haven't

131

00:07:34,429 --> 00:07:28,679

experienced or encountered any major

132

00:07:37,939 --> 00:07:34,439

problems so both work wise and spare

133

00:07:40,369 --> 00:07:37,949

time wise i'm very satisfied and finally

134

00:07:42,799 --> 00:07:40,379

andre you still have a message from

135

00:07:47,029 --> 00:07:42,809

space for our heart of the netherlands

136

00:07:50,629 --> 00:07:47,039

television program viewers i hope

137

00:07:54,679 --> 00:07:50,639

everybody has a enjoyed the fact that i

138

00:07:57,649 --> 00:07:54,689

had the opportunity to take pictures for

139

00:08:01,819 --> 00:07:57,659

everybody for that down below and also

140

00:08:06,379 --> 00:08:01,829

shoot video images and that i was able

141

00:08:08,409 --> 00:08:06,389

to share those with you i hope that it

142

00:08:11,719 --> 00:08:08,419

is important to be able to show you

143

00:08:14,179 --> 00:08:11,729

what's been going on here and also that

144

00:08:16,339 --> 00:08:14,189

Earth is very vulnerable and that I was

145

00:08:22,699 --> 00:08:16,349

also able to show the work we are doing

146

00:08:25,730 --> 00:08:22,709

up here space journey seemed still seems

147

00:08:28,549 --> 00:08:25,740

to be something special but actually

148

00:08:29,749 --> 00:08:28,559

we're working here every day and all

149

00:08:32,209 --> 00:08:29,759

these satellites that we have up here

150

00:08:35,420 --> 00:08:32,219

for example are very useful for

151  
00:08:39,079 --> 00:08:35,430  
meteorology down here so space flight

152  
00:08:42,469 --> 00:08:39,089  
has been become part of our regular life

153  
00:08:45,139 --> 00:08:42,479  
and I hope your viewers have been able

154  
00:08:47,449 --> 00:08:45,149  
to enjoy that okay thank you very much

155  
00:08:50,360 --> 00:08:47,459  
Andre we are very proud of you of course

156  
00:08:52,370 --> 00:08:50,370  
and wish you a very safe trip back and

157  
00:08:59,590 --> 00:08:52,380  
this concludes the first portion of the

158  
00:09:09,889 --> 00:09:03,740  
to see them this is also in english is

159  
00:09:18,830 --> 00:09:09,899  
cool this is also in touch and let me

160  
00:09:29,780 --> 00:09:27,160  
hey guys we're done yep station this is

161  
00:09:36,980 --> 00:09:29,790  
master Sabatini from the arizona center

162  
00:09:39,140 --> 00:09:36,990  
in a sec how do you hear is soooo it's

163  
00:09:45,380 --> 00:09:39,150

good to hear your voice I hear you loud

164

00:09:48,170 --> 00:09:45,390

and clear very good here is Esther from

165

00:09:54,170 --> 00:09:48,180

Discovery Network benelux with some

166

00:09:56,210 --> 00:09:54,180

questions for you Andre hello I'm ready

167

00:09:58,730 --> 00:09:56,220

hello Andre this is esther Julie for

168

00:10:01,250 --> 00:09:58,740

Discovery Network thank you very much

169

00:10:03,200 --> 00:10:01,260

for your time mahanama dear i will start

170

00:10:06,890 --> 00:10:03,210

with the first question which is in how

171

00:10:08,810 --> 00:10:06,900

far has the possibility for mankind to

172

00:10:13,130 --> 00:10:08,820

fly has and how far has he taught us

173

00:10:14,990 --> 00:10:13,140

things about universe skillman things

174

00:10:19,100 --> 00:10:15,000

that I think there's two different

175

00:10:23,510 --> 00:10:19,110

things on which have something in common

176

00:10:27,620 --> 00:10:23,520

on one side curiosity of mankind to go

177

00:10:29,710 --> 00:10:27,630

to places that we are actually not made

178

00:10:32,090 --> 00:10:29,720

for so for example used to do that for

179

00:10:38,540 --> 00:10:32,100

by going to the desert and at one point

180

00:10:40,750 --> 00:10:38,550

that we ventured out into space and of

181

00:10:44,960 --> 00:10:40,760

course the technical developments in the

182

00:10:48,590 --> 00:10:44,970

space flight are very important to get a

183

00:10:54,650 --> 00:10:48,600

hit everything is stopped but I think

184

00:10:56,060 --> 00:10:54,660

the first steps to fly in the air well

185

00:10:58,400 --> 00:10:56,070

they don't have that much to do anymore

186

00:11:03,490 --> 00:10:58,410

with what we're doing now in a space but

187

00:11:08,960 --> 00:11:06,440

thank you velvet fastening to very much

188

00:11:14,600 --> 00:11:08,970

what fascinates you most about a space

189

00:11:18,260 --> 00:11:14,610

travel I'm still digging that several

190

00:11:22,270 --> 00:11:18,270

things fascinate me about space it is

191

00:11:27,590 --> 00:11:22,280

the stupid offices third at something

192

00:11:30,240 --> 00:11:27,600

excited exciting like space aliens and

193

00:11:34,320 --> 00:11:30,250

then I saw the

194

00:11:37,800 --> 00:11:34,330

videos are the amex films and then I saw

195

00:11:41,130 --> 00:11:37,810

the beauty of that and so I got involved

196

00:11:43,640 --> 00:11:41,140

in that and I saw the use of it so that

197

00:11:47,150 --> 00:11:43,650

combination is very fascinating to me

198

00:11:50,670 --> 00:11:47,160

mankind just like this predator on earth

199

00:11:52,710 --> 00:11:50,680

they will also spread out in space it's

200

00:11:54,600 --> 00:11:52,720

a very long process which requires a lot

201  
00:11:57,690 --> 00:11:54,610  
of new technology we haven't thought

202  
00:12:00,990 --> 00:11:57,700  
about that's all required to get ahead

203  
00:12:05,670 --> 00:12:01,000  
to other solar systems maybe nothing's

204  
00:12:07,710 --> 00:12:05,680  
impossible so I expect this to be just a

205  
00:12:12,870 --> 00:12:07,720  
first step and I think it's fascinating

206  
00:12:15,000 --> 00:12:12,880  
to be part of this first step and to see

207  
00:12:17,490 --> 00:12:15,010  
where it is going there's so much to

208  
00:12:23,250 --> 00:12:17,500  
explore but millions and millions of

209  
00:12:26,580 --> 00:12:23,260  
stars and planets and I think we will be

210  
00:12:30,750 --> 00:12:26,590  
getting a lot of important things out of

211  
00:12:32,940 --> 00:12:30,760  
space journey the of what have yahoo or

212  
00:12:37,470 --> 00:12:32,950  
what inspired you to become an astronaut

213  
00:12:41,160 --> 00:12:37,480

I think it occurs recommend oh I think I

214

00:12:44,610 --> 00:12:41,170

could say my grandmother she bought the

215

00:12:48,510 --> 00:12:44,620

science fiction uh bookie booklets for

216

00:12:50,910 --> 00:12:48,520

me for one Gilder and that was a whole

217

00:12:54,300 --> 00:12:50,920

series of booklets magazines and I

218

00:12:56,790 --> 00:12:54,310

started reading them when you're out the

219

00:13:00,329 --> 00:12:56,800

fact and that actually brought me to a

220

00:13:04,710 --> 00:13:00,339

space travel getting interested in it so

221

00:13:07,560 --> 00:13:04,720

I saw the moon cars and I also read

222

00:13:09,930 --> 00:13:07,570

popular scientific magazines and there

223

00:13:16,140 --> 00:13:09,940

they show these are space stations and I

224

00:13:17,940 --> 00:13:16,150

was sold who called was focused on the

225

00:13:20,310 --> 00:13:17,950

ears to flip on how big an

226

00:13:23,060 --> 00:13:20,320

accomplishment in your opinion was the

227

00:13:25,829 --> 00:13:23,070

first flight of the Wright brothers

228

00:13:29,910 --> 00:13:25,839

elders over the fact it was a quite a

229

00:13:31,950 --> 00:13:29,920

big accomplishment several peor quite a

230

00:13:36,090 --> 00:13:31,960

few people were involved in it or

231

00:13:39,840 --> 00:13:36,100

working on it it is special because they

232

00:13:42,240 --> 00:13:39,850

were so persistent it had to work and I

233

00:13:43,750 --> 00:13:42,250

think that is typical for people who

234

00:13:46,270 --> 00:13:43,760

have a dream

235

00:13:49,120 --> 00:13:46,280

you need treat things to get ahead you

236

00:13:52,060 --> 00:13:49,130

need a dream someone who comes up with

237

00:13:54,520 --> 00:13:52,070

the idea for doing certain thing and

238

00:13:56,440 --> 00:13:54,530

then you have to work it out on paper to

239

00:14:01,120 --> 00:13:56,450

calculate to see if it's possible and

240

00:14:04,450 --> 00:14:01,130

then thirdly you need the technicians to

241

00:14:08,740 --> 00:14:04,460

build it right so these things to the

242

00:14:10,960 --> 00:14:08,750

Wright brothers all had those things and

243

00:14:13,240 --> 00:14:10,970

were able to accomplish that and that's

244

00:14:18,100 --> 00:14:13,250

the kind of people you need to make

245

00:14:20,470 --> 00:14:18,110

these first impossible steps thank you

246

00:14:23,050 --> 00:14:20,480

very thank you very much Andre we still

247

00:14:24,880 --> 00:14:23,060

have a few minutes left before I proceed

248

00:14:34,759 --> 00:14:24,890

could you please clap in your hands so

249

00:14:40,139 --> 00:14:37,769

thank you thank you very much they need

250

00:14:43,079 --> 00:14:40,149

a belay a question that's a not on the

251  
00:14:45,360 --> 00:14:43,089  
list what is the most important camac

252  
00:14:50,879 --> 00:14:45,370  
phone call you ever made with a cell

253  
00:14:53,610 --> 00:14:50,889  
phone the same software that's a very

254  
00:15:00,769 --> 00:14:53,620  
interesting question most important

255  
00:15:07,230 --> 00:15:04,470  
well many calls are important i have no

256  
00:15:12,420 --> 00:15:07,240  
idea i really wouldn't know i would

257  
00:15:14,460 --> 00:15:12,430  
really have to make up something safe

258  
00:15:17,100 --> 00:15:14,470  
need open our daram doesn't matter

259  
00:15:19,800 --> 00:15:17,110  
you're also from space you said please

260  
00:15:27,480 --> 00:15:19,810  
in how far has mobile communication i

261  
00:15:31,470 --> 00:15:27,490  
changed the world great part many people

262  
00:15:34,199 --> 00:15:31,480  
who weren't able to communicate way back

263  
00:15:38,250 --> 00:15:34,209

when aren't able to do so now for

264

00:15:40,680 --> 00:15:38,260

example in third world people are much

265

00:15:42,630 --> 00:15:40,690

better able to communicate also in the

266

00:15:46,019 --> 00:15:42,640

areas where it used to be very difficult

267

00:15:49,050 --> 00:15:46,029

before and i also think it made the

268

00:15:52,199 --> 00:15:49,060

world a lot smaller because you can be

269

00:15:56,250 --> 00:15:52,209

in contact with people anywhere i think

270

00:15:58,800 --> 00:15:56,260

it offers great advantages then again it

271

00:16:00,720 --> 00:15:58,810

also have disadvantages for example

272

00:16:03,090 --> 00:16:00,730

people who are addicted to their cell

273

00:16:08,910 --> 00:16:03,100

phone and also have to be able to be

274

00:16:11,490 --> 00:16:08,920

reached thank you velvet mood i thank

275

00:16:16,139 --> 00:16:11,500

you very much unfortunately we have to

276

00:16:18,720 --> 00:16:16,149

shut down oh no we have one question

277

00:16:21,389 --> 00:16:18,730

left ma'am I mean how far was a

278

00:16:23,220 --> 00:16:21,399

moonlighting of Apollo 11 a great

279

00:16:26,850 --> 00:16:23,230

accomplishment and why is it important

280

00:16:29,519 --> 00:16:26,860

for mankind to explore space is I think

281

00:16:31,470 --> 00:16:29,529

over 50 from a glorious follow-up well

282

00:16:34,129 --> 00:16:31,480

the flight that was important to me was

283

00:16:38,790 --> 00:16:34,139

Apollo 8 that was the first time that

284

00:16:43,680 --> 00:16:38,800

people went flood flow around the moon

285

00:16:45,960 --> 00:16:43,690

and could see earth as a small round

286

00:16:47,400 --> 00:16:45,970

object and I think it was important for

287

00:16:50,369 --> 00:16:47,410

mankind

288

00:16:54,869 --> 00:16:50,379

to realize what a small planet we are in

289

00:16:57,119 --> 00:16:54,879

the endless universe so I think it was

290

00:16:59,819 --> 00:16:57,129

very important it was quite an enormous

291

00:17:02,340 --> 00:16:59,829

achievement to land on the moon too but

292

00:17:05,730 --> 00:17:02,350

flying out there there was something

293

00:17:08,640 --> 00:17:05,740

very special cosman front I think the

294

00:17:11,220 --> 00:17:08,650

greatest moment it was definitely the

295

00:17:14,880 --> 00:17:11,230

greatest moment of last earth so the

296

00:17:18,539 --> 00:17:14,890

Apollo flights leaving our planet were

297

00:17:20,460 --> 00:17:18,549

very important Thank You Val cannot

298

00:17:23,779 --> 00:17:20,470

thank you very much we're going to close

299

00:17:31,630 --> 00:17:23,789

it off the best of luck and thank you