1
00:00:29,750 --> 00:00:27,269
t minus one minute and counting the

2
00:00:32,069 --> 00:00:29,760
soyuz is now on internal power automatic

3
00:00:35,350 --> 00:00:32,079
launch sequencer has been activated and

4
00:00:40,069 --> 00:00:35,360
the first umbilical tower

5
00:00:43,350 --> 00:00:41,510
vehicle to ground we're now less than a

6
00:00:44,950 --> 00:00:43,360
minute away from launch of the 23rd

7
00:00:49,430 --> 00:00:44,960
expedition crew to the international

8
00:00:49,440 --> 00:01:04,469
understood

9
00:01:25,590 --> 00:01:07,750
t-minus 15 seconds the second umbilical

10
00:01:30,069 --> 00:01:27,670
tracy caldwell dyson and mikhail

11
00:01:37,429 --> 00:01:30,079
kornyenko beginning their journey to the

12
00:01:41,830 --> 00:01:38,950
good pitch program according to flight

13
00:01:43,510 --> 00:01:41,840

controllers no issues

14
00:01:45,270 --> 00:01:43,520
the soyuz is heading toward a link up

15
00:01:46,630 --> 00:01:45,280
with the international space station two

16
00:01:48,870 --> 00:01:46,640
days from now

17
00:01:50,630 --> 00:01:48,880
engines stage one and stage two

18
00:01:52,789 --> 00:01:50,640
operating nominally good first stage

19
00:01:54,630 --> 00:01:52,799
performance the soyuz delivering 102

20
00:01:56,469 --> 00:01:54,640
tons of thrust from its four boosters

21
00:01:59,350 --> 00:01:56,479
and single engine the first stage of the

22
00:02:01,910 --> 00:01:59,360
soyuz measures 68 feet in length and 24

23
00:02:03,670 --> 00:02:01,920
feet in diameter burning liquid fuel for

24
00:02:20,830 --> 00:02:03,680
the first two minutes and six seconds of

25
00:02:20,840 --> 00:02:29,430
is confirmed

26
00:02:34,830 --> 00:02:31,670
one minute 10 seconds into the ascent of

27
00:02:42,150 --> 00:02:34,840
the soyuz velocity is 1100 miles an

28
00:02:44,949 --> 00:02:43,990
uh what's that

29
00:02:49,270 --> 00:02:44,959
rabbit

30
00:02:53,509 --> 00:02:51,750
is um

31
00:02:54,869 --> 00:02:53,519
uh that uh

32
00:02:56,550 --> 00:02:54,879
your mask

33
00:03:12,229 --> 00:02:56,560
uh that's an in

34
00:03:12,239 --> 00:03:22,470
feeling fine

35
00:03:31,350 --> 00:03:24,470
uh

36
00:03:33,990 --> 00:03:31,360
stage one one minute and 58 seconds

37
00:03:35,509 --> 00:03:34,000
jettison of four strap-on boosters these

38
00:03:37,990 --> 00:03:35,519

have completed their job and have

39
00:03:39,910 --> 00:03:38,000
dropped away at an ounce of 28 statute

40
00:03:41,030 --> 00:03:39,920
miles the soyuz is now traveling at

41
00:03:44,830 --> 00:03:41,040
about 3

42
00:03:50,470 --> 00:03:47,830
expecting faring jettison

43
00:03:53,350 --> 00:03:50,480
the weather is fine uh we saw the

44
00:03:58,390 --> 00:03:56,070
and we can see

45
00:04:00,550 --> 00:03:58,400
uh your trail

46
00:04:01,830 --> 00:04:00,560
okay the fairing is being jettisoned

47
00:04:03,589 --> 00:04:01,840
right now

48
00:04:05,670 --> 00:04:03,599
two minutes and 40 seconds into the

49
00:04:07,110 --> 00:04:05,680
mission escape tower and launch shroud

50
00:04:20,390 --> 00:04:07,120
jettison

51
00:04:22,710 --> 00:04:20,400
separation

52
00:04:24,310 --> 00:04:22,720
a slight correction to your report we're

53
00:04:26,710 --> 00:04:24,320
at three minutes and three seconds

54
00:04:30,710 --> 00:04:26,720
traveling at a speed of about 4 700

55
00:04:41,510 --> 00:04:30,720
miles per hour 80 everything is fine

56
00:04:44,950 --> 00:04:43,590
receiving in-cabin views of the soyuz

57
00:04:46,950 --> 00:04:44,960
spacecraft

58
00:04:49,030 --> 00:04:46,960
the soyuz core stage is performing as

59
00:04:51,749 --> 00:04:49,040
advertised the core stage of the soyuz

60
00:04:54,070 --> 00:04:51,759
is 56 feet in length 13 and a half feet

61
00:04:56,550 --> 00:04:54,080
in diameter and has a single engine with

62
00:04:58,469 --> 00:04:56,560
four fuel chambers providing 96 tons of

63
00:05:03,830 --> 00:04:58,479

thrust for its three minutes and 28

64
00:05:10,150 --> 00:05:05,990
alexander how is

65
00:05:10,160 --> 00:05:15,749
tracy

66
00:05:15,759 --> 00:05:20,070
he's in cabin views showing us a look at

67
00:05:20,080 --> 00:05:31,029
how's tracy

68
00:05:38,629 --> 00:05:32,150
uh

69
00:05:38,639 --> 00:05:53,590
tracy how are you how are you feeling

70
00:05:58,790 --> 00:05:55,510
alexander

71
00:06:03,830 --> 00:06:01,029
we're receiving live in-cabin views from

72
00:06:05,830 --> 00:06:03,840
the soyuz tma-18 spacecraft we're

73
00:06:07,510 --> 00:06:05,840
looking now at alexander schwarzkopf in

74
00:06:09,110 --> 00:06:07,520
the lower right hand portion of your

75
00:06:11,430 --> 00:06:09,120
screen and in the center of your screen

76
00:06:15,189 --> 00:06:11,440
is tracy caldwell dyson making her first

77
00:06:20,550 --> 00:06:18,550
uh stage two separation confirmed we're

78
00:06:22,790 --> 00:06:20,560
now at four minutes 58 seconds into the

79
00:06:25,350 --> 00:06:22,800
flight core booster burns out and is

80
00:06:28,469 --> 00:06:25,360
separating at an altitude of 105 miles

81
00:06:44,550 --> 00:06:28,479
or 170 kilometers and the third stage is

82
00:06:48,870 --> 00:06:46,790
the core stage engine has now fulfilled

83
00:06:50,390 --> 00:06:48,880
its role for today and is dropping away

84
00:06:51,350 --> 00:06:50,400
about four minutes of powered flight

85
00:06:53,430 --> 00:06:51,360
remaining

86
00:06:55,430 --> 00:06:53,440
soyuz is now being propelled by the

87
00:06:57,189 --> 00:06:55,440
single engine of the soyuz's third stage

88
00:06:58,950 --> 00:06:57,199

the engine is providing 30 tons of

89
00:07:05,510 --> 00:06:58,960
thrust and will burn for four minutes

90
00:07:05,520 --> 00:07:08,629
this is

91
00:07:21,350 --> 00:07:10,150
launch control

92
00:07:25,430 --> 00:07:23,670
russian flight controllers uh working on

93
00:07:27,589 --> 00:07:25,440
communications link up with the soyuz

94
00:07:29,430 --> 00:07:27,599
spacecraft not unusual for this point in

95
00:07:52,390 --> 00:07:29,440
the flight

96
00:08:17,189 --> 00:08:02,950
this is lunch director

97
00:08:20,550 --> 00:08:18,950
we are getting

98
00:08:29,909 --> 00:08:20,560
a lot of noise

99
00:08:49,750 --> 00:08:31,589
everything is fine everything is

100
00:08:49,760 --> 00:08:54,070
how do you read

101
00:08:57,750 --> 00:08:55,829
we're seven and a half minutes into the

102
00:09:01,030 --> 00:08:57,760
flight the velocity of the soyuz

103
00:09:02,949 --> 00:09:01,040
spacecraft now almost 13 500 miles an

104
00:09:04,790 --> 00:09:02,959
hour we are continuing to receive live

105
00:09:06,310 --> 00:09:04,800
television pictures from inside the

106
00:09:08,310 --> 00:09:06,320
soyuz capsule

107
00:09:10,070 --> 00:09:08,320
this look at alexander scorsov there in

108
00:09:12,630 --> 00:09:10,080
the lower portion of your screen and

109
00:09:13,990 --> 00:09:12,640
mika konyenko in the upper right-hand

110
00:09:16,310 --> 00:09:14,000
corner of your screen

111
00:09:18,310 --> 00:09:16,320
mission control in moscow uh still

112
00:09:20,310 --> 00:09:18,320
trying to reach the crew having uh quite

113
00:09:23,509 --> 00:09:20,320

a bit of static over the audio

114
00:09:25,190 --> 00:09:23,519
communication lines once the third stage

115
00:09:27,030 --> 00:09:25,200
delivers the soil used to orbit and the

116
00:09:29,190 --> 00:09:27,040
module is separated a series of

117
00:09:30,790 --> 00:09:29,200
pre-programmed commands will be executed

118
00:09:33,590 --> 00:09:30,800
to prepare the soyuz for orbital

119
00:09:37,750 --> 00:09:35,670
these stored commands called time tag

120
00:09:39,910 --> 00:09:37,760
commands allow many of the soyuz systems

121
00:09:43,269 --> 00:09:39,920
to be automatically activated by onboard

122
00:10:00,550 --> 00:09:43,279
computers advertise precise time stored

123
00:10:00,560 --> 00:10:30,870
monitoring for the separation flag

124
00:10:35,750 --> 00:10:33,829
confirmed we're now 9 minutes and 14

125
00:10:38,790 --> 00:10:35,760
seconds into the flight

126
00:10:40,470 --> 00:10:38,800
we have confirmed confirmation of

127
00:10:42,389 --> 00:10:40,480
separation the single liquid fueled

128
00:10:45,670 --> 00:10:42,399
engine has shut down and dropped away at

129
00:10:47,670 --> 00:10:45,680
an altitude of about 125 statute miles

130
00:10:49,509 --> 00:10:47,680
third stage performing an avoidance

131
00:10:51,750 --> 00:10:49,519
maneuver by opening a valve in its

132
00:10:53,750 --> 00:10:51,760
liquid oxygen tank this is mission

133
00:10:55,750 --> 00:10:53,760
control how do you read soyuz capsule

134
00:10:57,430 --> 00:10:55,760
and crew inside now are safely in orbit

135
00:10:59,590 --> 00:10:57,440
and the spacecraft is automatically

136
00:11:02,310 --> 00:10:59,600
executing its pre-programmed commands to

137
00:11:04,150 --> 00:11:02,320
deploy antennas and solar arrays

138
00:11:07,670 --> 00:11:04,160

would you say this is mission control

139
00:11:13,030 --> 00:11:09,430
soyuz is orbiting at an altitude of

140
00:11:15,190 --> 00:11:13,040
about 143 miles by 118 miles that orbit

141
00:11:17,030 --> 00:11:15,200
will be raised systematically over the

142
00:11:19,030 --> 00:11:17,040
course of the next two days placing it

143
00:11:21,509 --> 00:11:19,040
in close proximity to the international

144
00:11:24,389 --> 00:11:21,519
space station for the final rendezvous

145
00:11:28,949 --> 00:11:24,399
and docking set for 12 26 am central

146
00:11:32,870 --> 00:11:31,269
control of spacecraft from here on will

147
00:11:34,790 --> 00:11:32,880
be overseeing from the russian mission

148
00:11:39,670 --> 00:11:34,800
control center in corlav outside of

149
00:11:39,680 --> 00:11:54,150
we choose a supermarket

150
00:12:19,670 --> 00:12:04,790
this is mission control moscow

151
00:12:24,870 --> 00:12:21,509
we're now 11 minutes into the flight of

152
00:12:28,310 --> 00:12:24,880
the soyuz so carrying the expedition 23

153
00:12:29,990 --> 00:12:28,320
remaining three crew members into orbit

154
00:12:31,990 --> 00:12:30,000
today and tomorrow the engines are going

155
00:12:33,990 --> 00:12:32,000
to be fired three additional times to

156
00:12:39,509 --> 00:12:34,000
further raise the soyuz orbit to that of

157
00:13:16,230 --> 00:12:55,269
this is mission control moscow

158
00:13:19,910 --> 00:13:17,910
uh we

159
00:13:21,509 --> 00:13:19,920
couldn't hear you you couldn't hear us

160
00:13:23,430 --> 00:13:21,519
for a long time

161
00:13:25,750 --> 00:13:23,440
how was uh

162
00:13:28,150 --> 00:13:25,760
the separation flag the separation was

163
00:13:30,230 --> 00:13:28,160

on time everything is nominal the

164
00:13:33,190 --> 00:13:30,240
systems are

165
00:13:38,150 --> 00:13:33,200
nominal and the vehicle is performing

166
00:13:38,160 --> 00:13:44,310
how copy we copy all how do you read

167
00:13:48,949 --> 00:13:46,470
i can report the

168
00:13:51,670 --> 00:13:48,959
parameters

169
00:13:53,590 --> 00:13:51,680
pressure 816 809

170
00:13:57,509 --> 00:13:53,600
uh engine compartment

171
00:13:59,829 --> 00:13:57,519
is 863. we have uh opened

172
00:14:00,790 --> 00:13:59,839
odr

173
00:14:03,110 --> 00:14:00,800
we

174
00:14:06,629 --> 00:14:03,120
have noise on the line could you please

175
00:14:06,639 --> 00:14:09,030
yes

176
00:14:28,069 --> 00:14:11,430
this is mission control moscow how do

177
00:14:39,110 --> 00:14:34,470
this is mission control moscow

178
00:14:40,550 --> 00:14:39,120
you read

179
00:14:56,629 --> 00:14:40,560
we read you

180
00:15:07,030 --> 00:14:59,189
mission control moscow this is utos one

181
00:15:20,150 --> 00:15:09,269
this is mission control moscow how do

182
00:15:46,310 --> 00:15:22,629
this is mission control moscow we can

183
00:15:49,189 --> 00:15:47,590
flight controllers at the mission

184
00:15:51,110 --> 00:15:49,199
control center at corlile outside of

185
00:15:53,430 --> 00:15:51,120
moscow continuing to work their way

186
00:15:55,910 --> 00:15:53,440
through some audio communications

187
00:15:59,110 --> 00:15:55,920
difficulties with the crew continuing to

188
00:16:01,430 --> 00:15:59,120

refer to the spacecraft with the

189
00:16:04,870 --> 00:16:01,440
call sign of cliff

190
00:16:09,350 --> 00:16:06,389
continuing to receive live downlink

191
00:16:10,470 --> 00:16:09,360
television pictures as the crew is now

192
00:16:11,910 --> 00:16:10,480
in orbit

193
00:16:14,310 --> 00:16:11,920
at the lower portion of the screen here

194
00:16:15,829 --> 00:16:14,320
again is commander alexander skortsov

195
00:16:17,269 --> 00:16:15,839
with at the upper

196
00:16:20,310 --> 00:16:17,279
right hand corner

197
00:16:23,189 --> 00:16:20,320
flight engineer mikhail kornienko

198
00:16:31,749 --> 00:16:23,199
out of frame to the lower left is

199
00:16:37,749 --> 00:16:34,949
this is mission control moscow

200
00:16:39,030 --> 00:16:37,759
we are now 15 minutes and 17 seconds

201
00:16:40,550 --> 00:16:39,040
into the soyuz flight to the

202
00:16:47,189 --> 00:16:40,560
international space station this is

203
00:16:56,310 --> 00:16:50,150
mission control moscow this is utosi

204
00:17:09,909 --> 00:16:59,670
uh transmission is operational

205
00:17:09,919 --> 00:17:23,590
us

206
00:18:18,310 --> 00:17:41,510
this is mission control moscow

207
00:18:18,320 --> 00:18:33,909
mission control moscow how do you read

208
00:18:55,510 --> 00:18:36,870
let's follow the contingency book

209
00:19:07,270 --> 00:18:57,750
this is mission control moscow how do

210
00:19:07,280 --> 00:19:15,270
beauty super north korea would

211
00:19:19,590 --> 00:19:18,150
we can see you if you can hear me

212
00:19:35,590 --> 00:19:19,600
uh please

213
00:19:53,830 --> 00:19:37,750

this is mission control moscow how do

214
00:20:02,230 --> 00:19:53,840
you read

215
00:20:02,240 --> 00:20:06,230
vehicle please respond

216
00:20:11,190 --> 00:20:09,029
let's go to another page

217
00:20:12,470 --> 00:20:11,200
moscow this is utosi read you loud and

218
00:20:14,870 --> 00:20:12,480
clear how us

219
00:21:00,789 --> 00:20:14,880
mission control moscow

220
00:21:06,549 --> 00:21:04,630
um this is moscow please respond

221
00:21:08,470 --> 00:21:06,559
we are running out of calm if you can

222
00:21:14,870 --> 00:21:08,480
hear me the next

223
00:21:19,029 --> 00:21:17,110
this is mission control houston uh the

224
00:21:21,270 --> 00:21:19,039
flight control team and carlile outside

225
00:21:23,110 --> 00:21:21,280
of moscow clearly having some difficulty

226
00:21:24,710 --> 00:21:23,120
making audio communication with the

227
00:21:26,789 --> 00:21:24,720
soyuz crew

228
00:21:29,029 --> 00:21:26,799
they are doing well as we can see by

229
00:21:31,830 --> 00:21:29,039
these live video pictures from inside

230
00:21:33,430 --> 00:21:31,840
the cabin commander alexander schwarzoff

231
00:21:35,270 --> 00:21:33,440
the lower portion

232
00:21:36,310 --> 00:21:35,280
flight engineer mikhail kornyenko in the

233
00:21:38,470 --> 00:21:36,320
upper right

234
00:21:40,950 --> 00:21:38,480
corner and outsider frame

235
00:21:42,950 --> 00:21:40,960
flight engineer tracy caldwell dyson

236
00:21:47,190 --> 00:21:42,960
doing well aboard the soyuz spacecraft

237
00:21:48,789 --> 00:21:47,200
as they launched today for at uh 11.

238
00:21:50,870 --> 00:21:48,799

0 4 p.m

239
00:21:52,630 --> 00:21:50,880
central time toward the international

240
00:21:54,390 --> 00:21:52,640
space station getting ready to link up

241
00:21:56,830 --> 00:21:54,400
with the international space stations

242
00:21:58,870 --> 00:21:56,840
expedition 23 crew of

243
00:22:00,950 --> 00:21:58,880
commander kotov and flight engineer

244
00:22:02,630 --> 00:22:00,960
suici and

245
00:22:04,950 --> 00:22:02,640
tj creamer

246
00:22:07,590 --> 00:22:04,960
okay let's proceed nominally the next

247
00:22:10,390 --> 00:22:07,600
compass is at 08.

248
00:22:13,110 --> 00:22:10,400
37. a reminder

249
00:22:23,350 --> 00:22:13,120
be ready for motion control test number

250
00:22:27,909 --> 00:22:24,870
communications with the spacecraft

251
00:22:30,789 --> 00:22:27,919
restored briefly as it moves out of

252
00:22:33,190 --> 00:22:30,799
ground station coverage over russia

253
00:22:35,669 --> 00:22:33,200
heading out on a southeasterly track

254
00:22:37,590 --> 00:22:35,679
over the pacific ocean

255
00:22:38,789 --> 00:22:37,600
international space station currently

256
00:22:42,710 --> 00:22:38,799
orbiting

257
00:23:04,549 --> 00:22:42,720
over the sinai peninsula the

258
00:23:09,669 --> 00:23:07,750
we're now 21 minutes and 47 seconds into

259
00:23:12,390 --> 00:23:09,679
the flight of the soyuz tma-18

260
00:23:13,830 --> 00:23:12,400
spacecraft carrying three intrepid crew

261
00:25:16,789 --> 00:23:13,840
members to the international space

262
00:25:20,870 --> 00:25:19,269
this is mission control houston uh 24

263
00:25:23,510 --> 00:25:20,880

minutes into the flight of the soyuz

264
00:25:26,230 --> 00:25:23,520
spacecraft carrying alexander

265
00:25:28,549 --> 00:25:26,240
schwarzov

266
00:25:30,390 --> 00:25:28,559
mikhail kornyenko and tracy caldwell

267
00:25:31,909 --> 00:25:30,400
dyson

268
00:25:33,430 --> 00:25:31,919
all systems aboard the spacecraft

269
00:25:34,710 --> 00:25:33,440
working well it's temporarily out of

270
00:25:36,789 --> 00:25:34,720
communication through the ground

271
00:25:38,630 --> 00:25:36,799
stations in russia

272
00:25:40,549 --> 00:25:38,640
two days from now a link up in space

273
00:25:42,549 --> 00:25:40,559
will take place high above russia within

274
00:25:45,190 --> 00:25:42,559
sight of those ground tracking station

275
00:25:47,190 --> 00:25:45,200
that docking set for 12 26 a.m central

276
00:25:49,029 --> 00:25:47,200
time on sunday is going to resume six

277
00:25:50,149 --> 00:25:49,039
person crew operations aboard the space

278
00:25:52,230 --> 00:25:50,159
station

279
00:25:53,909 --> 00:25:52,240
sports of caldwell dyson and kornyenko

280
00:25:56,870 --> 00:25:53,919
in their five-month stay as both

281
00:25:58,549 --> 00:25:56,880
expedition 23 and 24 crew members will

282
00:26:01,430 --> 00:25:58,559
see the arrival of three russian

283
00:26:03,750 --> 00:26:01,440
progress resupply vehicles one departure

284
00:26:06,789 --> 00:26:03,760
and one arrival of a soyuz crew vehicle

285
00:26:08,310 --> 00:26:06,799
the relocation of soyuz tma-17

286
00:26:09,830 --> 00:26:08,320
and three space shuttle missions

287
00:26:12,230 --> 00:26:09,840
including one that will bring a

288
00:26:14,070 --> 00:26:12,240

multi-purpose logistics module filled

289
00:26:16,710 --> 00:26:14,080
with science racks and one that will

290
00:26:19,990 --> 00:26:16,720
bring the rossviet russian mini research

291
00:26:22,549 --> 00:26:20,000
module one to the space station

292
00:26:25,510 --> 00:26:22,559
in early june kotav naguchi and creamer

293
00:26:27,350 --> 00:26:25,520
will depart in their soyuz tma17 vehicle

294
00:26:29,190 --> 00:26:27,360
heading for a landing in kazakhstan to

295
00:26:30,149 --> 00:26:29,200
complete their five and a half months in

296
00:26:32,310 --> 00:26:30,159
orbit

297
00:26:34,710 --> 00:26:32,320
scorchov caldwell dyson and konyenko

298
00:26:36,390 --> 00:26:34,720
will then transition to expedition 24

299
00:26:38,950 --> 00:26:36,400
and remain a three-person crew on the

300
00:26:40,710 --> 00:26:38,960
station for two weeks until the arrival

301
00:26:43,830 --> 00:26:40,720
of doug wheelock shannon walker and

302
00:26:48,470 --> 00:26:43,840
fyodor yoshikin aboard soyuz tma 19

303
00:26:52,710 --> 00:26:50,710
in july caldwell dyson and wheelock will

304
00:26:54,870 --> 00:26:52,720
perform a us-based spacewalk to outfit

305
00:26:56,630 --> 00:26:54,880
the zarya module and a power data and

306
00:26:58,950 --> 00:26:56,640
grapple fixture

307
00:27:01,350 --> 00:26:58,960
that allow robotic arm operations from

308
00:27:03,190 --> 00:27:01,360
the russian end of the station and later

309
00:27:04,870 --> 00:27:03,200
konyenko and yoshikin will perform a

310
00:27:07,350 --> 00:27:04,880
russian-based spacewalk to outfit the

311
00:27:09,590 --> 00:27:07,360
russian mini research module 1 and

312
00:27:11,830 --> 00:27:09,600
replace a camera used for the docking of

313
00:27:15,269 --> 00:27:11,840

a future european automated transfer

314
00:27:19,269 --> 00:27:17,269
with that this will conclude our live

315
00:27:22,470 --> 00:27:19,279
coverage of the launch of the expedition

316
00:27:24,149 --> 00:27:22,480
23 crew 26 minutes after their launch

317
00:27:26,549 --> 00:27:24,159
video replays of the launch will be

318
00:27:28,230 --> 00:27:26,559
coming up next on nasa tv

319
00:27:30,389 --> 00:27:28,240
our launch day highlights will air in a

320
00:27:32,870 --> 00:27:30,399
video file no later than 1 30 a.m

321
00:27:35,190 --> 00:27:32,880
central time today docking coverage on

322
00:27:37,029 --> 00:27:35,200
nasa television begins on sunday at

323
00:27:39,430 --> 00:27:37,039
midnight central time from the mission

324
00:27:42,389 --> 00:27:39,440
control center in cordov outside of

325
00:27:44,549 --> 00:27:42,399
moscow with docking set for 12 26 a.m

326
00:27:46,230 --> 00:27:44,559
central time

327
00:27:48,549 --> 00:27:46,240
and coming up less than a day after

328
00:27:51,830 --> 00:27:48,559
soyuz docking nasa tv will begin launch

329
00:27:54,789 --> 00:27:51,840
coverage of the sts-131 mission on april

330
00:27:57,669 --> 00:27:54,799
5th at 12 15 a.m central time with the

331
00:27:59,669 --> 00:27:57,679
launch of shuttle discovery set for 5 21

332
00:28:02,630 --> 00:27:59,679
am central

333
00:28:04,310 --> 00:28:02,640
until sunday the soyuz tma 18 is safely

334
00:28:06,870 --> 00:28:04,320
on route to the international space