
СОЮЗ

1
00:00:08,950 --> 00:00:06,309
nasa and its international partners had

2
00:00:11,509 --> 00:00:08,960
made some updates to the spacecraft

3
00:00:12,950 --> 00:00:11,519
traffic so here with me today i have a

4
00:00:15,190 --> 00:00:12,960
special guest to talk about some of

5
00:00:17,910 --> 00:00:15,200
these updates and what this means for

6
00:00:19,109 --> 00:00:17,920
spacecraft now the crew now and future

7
00:00:21,670 --> 00:00:19,119
spacecraft that will be visiting the

8
00:00:24,070 --> 00:00:21,680
space station kenny todd the space

9
00:00:25,589 --> 00:00:24,080
station operations integration manager

10
00:00:27,269 --> 00:00:25,599
long title i think i got that right this

11
00:00:28,790 --> 00:00:27,279
time thank you very much for joining me

12
00:00:30,790 --> 00:00:28,800
today my pleasure to talk about some of

13
00:00:32,150 --> 00:00:30,800

the stuff so first of all let's just

14
00:00:34,790 --> 00:00:32,160
talk about

15
00:00:37,030 --> 00:00:34,800
um i know that there was the progress 59

16
00:00:39,270 --> 00:00:37,040
issue and we were unable unfortunately

17
00:00:41,430 --> 00:00:39,280
to have that uh cargo craft that's the

18
00:00:44,630 --> 00:00:41,440
russian cargo craft docked to the space

19
00:00:48,549 --> 00:00:44,640
station can you explain to me is this

20
00:00:51,029 --> 00:00:48,559
new update a result of the 59 progress

21
00:00:52,150 --> 00:00:51,039
absolutely our our russian colleagues

22
00:00:55,029 --> 00:00:52,160
are working very hard to try to

23
00:00:57,189 --> 00:00:55,039
understand the root cause of the problem

24
00:00:59,270 --> 00:00:57,199
but as with all things when you have a

25
00:01:01,189 --> 00:00:59,280
major major failure such as they've had

26
00:01:03,510 --> 00:01:01,199
they they have to go through their

27
00:01:05,030 --> 00:01:03,520
standard anomaly resolution process so

28
00:01:07,270 --> 00:01:05,040
they formed a commission it's going to

29
00:01:09,670 --> 00:01:07,280
take some time to work through that

30
00:01:11,590 --> 00:01:09,680
when you look at

31
00:01:13,350 --> 00:01:11,600
some of the upcoming events

32
00:01:14,789 --> 00:01:13,360
that we had with the return of of the

33
00:01:16,230 --> 00:01:14,799
crew

34
00:01:19,510 --> 00:01:16,240
in addition to that the launch of the

35
00:01:22,230 --> 00:01:19,520
next crew upcoming and and then and the

36
00:01:24,630 --> 00:01:22,240
the upcoming progress launches as well

37
00:01:26,390 --> 00:01:24,640
um they made the decision and we think

38
00:01:28,070 --> 00:01:26,400

it's a prudent one to

39
00:01:29,510 --> 00:01:28,080
to reshuffle their schedule a little bit

40
00:01:31,749 --> 00:01:29,520
and provide them the extra time

41
00:01:33,910 --> 00:01:31,759
necessary to to finish their analysis

42
00:01:37,109 --> 00:01:33,920
and and determine the root cause

43
00:01:40,310 --> 00:01:37,119
okay and so i know that 41s which is the

44
00:01:42,310 --> 00:01:40,320
41 soyuz spacecraft that would be taking

45
00:01:44,550 --> 00:01:42,320
uh bringing commander verts samantha

46
00:01:46,950 --> 00:01:44,560
christopher and anton shkaplerov back

47
00:01:49,350 --> 00:01:46,960
home they would be departing today

48
00:01:51,830 --> 00:01:49,360
um on the original plan so what what's

49
00:01:53,510 --> 00:01:51,840
the next plan for the those guys

50
00:01:55,830 --> 00:01:53,520
yeah the uh

51
00:01:57,510 --> 00:01:55,840
for us having our russian colleagues uh

52
00:01:59,429 --> 00:01:57,520
come out with a new schedule and give us

53
00:02:01,590 --> 00:01:59,439
at least a feel for when they might try

54
00:02:04,230 --> 00:02:01,600
to bring this crew home really gives us

55
00:02:06,630 --> 00:02:04,240
uh a plan for how we we might want to

56
00:02:08,630 --> 00:02:06,640
deal on orbit with the with the extra

57
00:02:10,309 --> 00:02:08,640
time with the crew up to this point we

58
00:02:12,070 --> 00:02:10,319
weren't sure if it's a week or two weeks

59
00:02:13,750 --> 00:02:12,080
or four weeks and now that we have a

60
00:02:16,550 --> 00:02:13,760
little a little more certainty in in the

61
00:02:17,510 --> 00:02:16,560
return plan uh we can go and and start

62
00:02:20,790 --> 00:02:17,520
to

63
00:02:22,710 --> 00:02:20,800

lay in some some objectives for the crew

64
00:02:25,110 --> 00:02:22,720
to try to accomplish we've got a lot

65
00:02:26,710 --> 00:02:25,120
going on in the summer time frame

66
00:02:28,949 --> 00:02:26,720
particularly in the area of trying to do

67
00:02:29,910 --> 00:02:28,959
some reconfiguration reconfigurations of

68
00:02:32,070 --> 00:02:29,920
station

69
00:02:33,830 --> 00:02:32,080
and so we're looking to try to move some

70
00:02:35,030 --> 00:02:33,840
of those activities forward a little bit

71
00:02:36,390 --> 00:02:35,040
because we

72
00:02:37,990 --> 00:02:36,400
we know that based on the current

73
00:02:39,830 --> 00:02:38,000
russian plan that that we're probably

74
00:02:41,670 --> 00:02:39,840
going to have a little bit longer of

75
00:02:43,430 --> 00:02:41,680
what we what we call an indirect period

76
00:02:45,589 --> 00:02:43,440
where we'll be at three crew on board

77
00:02:47,990 --> 00:02:45,599
the station and so anything that we can

78
00:02:49,589 --> 00:02:48,000
bring in in that particular part of the

79
00:02:51,430 --> 00:02:49,599
schedule back to the left a little bit

80
00:02:52,710 --> 00:02:51,440
and try to get that work done with terry

81
00:02:55,910 --> 00:02:52,720
and samantha that's what we're going to

82
00:02:58,149 --> 00:02:55,920
try to do okay and so what does this

83
00:02:59,509 --> 00:02:58,159
mean for all the future i mean is

84
00:03:03,430 --> 00:02:59,519
everything going to be shifting to the

85
00:03:05,430 --> 00:03:03,440
right or will this also mean that maybe

86
00:03:07,830 --> 00:03:05,440
something changes in one of the perhaps

87
00:03:09,910 --> 00:03:07,840
the next mission is shortened therefore

88
00:03:11,910 --> 00:03:09,920

the rest of it it kind of stays on track

89
00:03:12,869 --> 00:03:11,920
or does everything just completely shift

90
00:03:15,270 --> 00:03:12,879
to the right because i know a lot of

91
00:03:17,589 --> 00:03:15,280
this the progress in soyuz is scheduled

92
00:03:20,309 --> 00:03:17,599
months

93
00:03:23,190 --> 00:03:20,319
i think a large part of that is still uh

94
00:03:24,630 --> 00:03:23,200
to be determined i mean quite frankly uh

95
00:03:26,309 --> 00:03:24,640
you know what we've got is a good set of

96
00:03:29,270 --> 00:03:26,319
planning dates right now that gives the

97
00:03:31,190 --> 00:03:29,280
entire partnership an opportunity to

98
00:03:33,030 --> 00:03:31,200
try to try to figure out how best to use

99
00:03:33,910 --> 00:03:33,040
the resources on orbit plus get ready to

100
00:03:35,750 --> 00:03:33,920
go

101
00:03:38,789 --> 00:03:35,760
figure out when we need to fly apply

102
00:03:39,990 --> 00:03:38,799
things and so when it comes to to the

103
00:03:42,070 --> 00:03:40,000
longer term

104
00:03:43,509 --> 00:03:42,080
schedule for our russian colleagues and

105
00:03:45,110 --> 00:03:43,519
how they want to

106
00:03:45,990 --> 00:03:45,120
to put that schedule together i think

107
00:03:47,430 --> 00:03:46,000
really a lot of that's going to be

108
00:03:49,509 --> 00:03:47,440
driven by what they find in their root

109
00:03:51,110 --> 00:03:49,519
cause analysis so we'll work with the

110
00:03:53,670 --> 00:03:51,120
dates they've given us and i think we'll

111
00:03:55,429 --> 00:03:53,680
uh we'll we'll have a good plan okay and

112
00:03:57,429 --> 00:03:55,439
so what are we looking at for the next

113
00:04:00,070 --> 00:03:57,439

uh soyuz launch

114
00:04:02,309 --> 00:04:00,080
at this point we're looking at the end

115
00:04:05,429 --> 00:04:02,319
of end of july time frame uh the middle

116
00:04:07,429 --> 00:04:05,439
to the end of july time frame which

117
00:04:09,990 --> 00:04:07,439
when you consider that uh that time

118
00:04:12,470 --> 00:04:10,000
frame it'll be shortly before we have

119
00:04:13,990 --> 00:04:12,480
an htv vehicle show up

120
00:04:16,710 --> 00:04:14,000
we'll most likely still have spacex

121
00:04:18,550 --> 00:04:16,720
seven on board and so uh it'll be great

122
00:04:20,150 --> 00:04:18,560
to uh to have the extra crew show up in

123
00:04:22,150 --> 00:04:20,160
that time frame we'll we'll put them to

124
00:04:24,070 --> 00:04:22,160
work and we'll we'll do as much as we

125
00:04:25,749 --> 00:04:24,080
can do um

126
00:04:27,189 --> 00:04:25,759
as far as when they'll return and

127
00:04:28,950 --> 00:04:27,199
whether or not that'll affect their

128
00:04:30,870 --> 00:04:28,960
their return schedule based on when they

129
00:04:31,830 --> 00:04:30,880
actually launch it again we'll just have

130
00:04:34,629 --> 00:04:31,840
to wait and see where our russian

131
00:04:35,990 --> 00:04:34,639
colleagues end up on that okay and also

132
00:04:37,110 --> 00:04:36,000
um

133
00:04:46,870 --> 00:04:37,120
so

134
00:04:49,909 --> 00:04:46,880
until july you said

135
00:04:51,830 --> 00:04:49,919
so the progress 60 was originally

136
00:04:54,150 --> 00:04:51,840
scheduled to be launching

137
00:04:56,150 --> 00:04:54,160
in august so that's been accelerated can

138
00:04:59,030 --> 00:04:56,160

you explain what the reason was behind

139
00:05:00,950 --> 00:04:59,040
that you bet when you look at the uh at

140
00:05:02,390 --> 00:05:00,960
the commonality between the the

141
00:05:05,029 --> 00:05:02,400
launchers

142
00:05:06,310 --> 00:05:05,039
for the progress and the soyuz uh

143
00:05:10,469 --> 00:05:06,320
certainly

144
00:05:12,150 --> 00:05:10,479
vehicle um you know

145
00:05:13,909 --> 00:05:12,160
it probably makes better sense to say

146
00:05:15,909 --> 00:05:13,919
let's launch a cargo vehicle using that

147
00:05:17,749 --> 00:05:15,919
same launcher ensure that whatever

148
00:05:19,110 --> 00:05:17,759
corrections whatever things they've been

149
00:05:21,270 --> 00:05:19,120
able to determine through the commission

150
00:05:22,550 --> 00:05:21,280
that they wanted to repair that all

151
00:05:25,029 --> 00:05:22,560
those have been

152
00:05:27,270 --> 00:05:25,039
have been factored in and and test them

153
00:05:29,350 --> 00:05:27,280
against a cargo vehicle as opposed to a

154
00:05:31,110 --> 00:05:29,360
crude vehicle and so uh we think it's

155
00:05:31,909 --> 00:05:31,120
prudent we support their approach there

156
00:05:38,950 --> 00:05:31,919
and

157
00:05:41,189 --> 00:05:38,960
the supply we're good on supplies avoid

158
00:05:44,070 --> 00:05:41,199
space station at this point we we can

159
00:05:45,590 --> 00:05:44,080
last well out into the fall um and

160
00:05:47,590 --> 00:05:45,600
the the one thing

161
00:05:49,749 --> 00:05:47,600
that we're at right now relative to our

162
00:05:52,230 --> 00:05:49,759
logistics train uh by having our our

163
00:05:54,550 --> 00:05:52,240

commercial resupply

164
00:05:57,590 --> 00:05:54,560
vehicles here in the u.s

165
00:05:59,990 --> 00:05:57,600
that coupled with our htv

166
00:06:01,909 --> 00:06:00,000
that the the jackson team provides we

167
00:06:02,950 --> 00:06:01,919
can we can weather these kinds of storms

168
00:06:04,469 --> 00:06:02,960
and so

169
00:06:06,710 --> 00:06:04,479
with just what we have on board right

170
00:06:08,230 --> 00:06:06,720
now and and the current state of our

171
00:06:10,309 --> 00:06:08,240
logistics train i think we're in really

172
00:06:13,189 --> 00:06:10,319
good shape okay and what can you tell me

173
00:06:15,749 --> 00:06:13,199
real quick about the investigation

174
00:06:17,350 --> 00:06:15,759
that of what had occurred with 59 where

175
00:06:19,270 --> 00:06:17,360
are we with that

176
00:06:20,870 --> 00:06:19,280
well uh again

177
00:06:23,670 --> 00:06:20,880
based on what our russian colleagues are

178
00:06:26,070 --> 00:06:23,680
saying uh and telling telling us through

179
00:06:28,629 --> 00:06:26,080
uh press reports and so forth and and

180
00:06:30,950 --> 00:06:28,639
when we have uh some folks who are who

181
00:06:33,029 --> 00:06:30,960
are participating and and uh sitting in

182
00:06:35,189 --> 00:06:33,039
on some of their discussions uh they're

183
00:06:36,950 --> 00:06:35,199
clearly focused at this point on the on

184
00:06:39,670 --> 00:06:36,960
the interface between the third stage

185
00:06:40,790 --> 00:06:39,680
and the and the progress and so um i

186
00:06:42,230 --> 00:06:40,800
know they're looking at their data and

187
00:06:43,990 --> 00:06:42,240
looking at their telemetry and and

188
00:06:46,710 --> 00:06:44,000

seeing if they can get root cause it's a

189
00:06:49,189 --> 00:06:46,720
very difficult uh problem to solve and

190
00:06:51,670 --> 00:06:49,199
and uh certainly uh you know we will

191
00:06:53,990 --> 00:06:51,680
support whatever they need and and

192
00:06:55,670 --> 00:06:54,000
and uh we're uh we're very supportive of

193
00:06:57,270 --> 00:06:55,680
their efforts so far they they're they

194
00:06:58,950 --> 00:06:57,280
seem to be doing a very good job at

195
00:07:02,150 --> 00:06:58,960
trying to get to the bottom of the

196
00:07:03,670 --> 00:07:02,160
problem great and also we have the we

197
00:07:05,909 --> 00:07:03,680
have the one year mission that is now

198
00:07:07,430 --> 00:07:05,919
underway with nasa astronaut scott kelly

199
00:07:09,350 --> 00:07:07,440
and the russian cosmonaut mikhail

200
00:07:11,909 --> 00:07:09,360
konienko can you tell me if there are

201
00:07:14,070 --> 00:07:11,919
any impacts to that particular mission

202
00:07:16,309 --> 00:07:14,080
on this schedule changes at this point

203
00:07:18,230 --> 00:07:16,319
there is nothing that we've defined

204
00:07:20,390 --> 00:07:18,240
there was a little bit of hardware on 59

205
00:07:22,550 --> 00:07:20,400
progress that our russian friends lost

206
00:07:24,469 --> 00:07:22,560
but it's uh not anything we can't work

207
00:07:27,110 --> 00:07:24,479
around so we're uh we're continuing with

208
00:07:29,430 --> 00:07:27,120
our science objectives and and

209
00:07:31,670 --> 00:07:29,440
we'll uh we don't see any major impacts

210
00:07:34,150 --> 00:07:31,680
to to the to the planet we've got for

211
00:07:35,830 --> 00:07:34,160
for scout and macau okay great well as

212
00:07:38,550 --> 00:07:35,840
always we really appreciate you coming

213
00:07:40,870 --> 00:07:38,560

and giving us this update i know that we

214
00:07:43,749 --> 00:07:40,880
have uh notified the crew aboard the

215
00:07:47,189 --> 00:07:43,759
space station and um recently samantha

216
00:07:49,270 --> 00:07:47,199
christopher reddy had uh posted a tweet

217
00:07:51,830 --> 00:07:49,280
about her thoughts on and it looks like

218
00:07:53,670 --> 00:07:51,840
she supports her stay aboard the space

219
00:07:55,749 --> 00:07:53,680
station and all are

220
00:07:57,189 --> 00:07:55,759
good to go and continuing their work

221
00:07:58,629 --> 00:07:57,199
aboard the space station so we're good