1
00:00:00,220 --> 00:00:13,219
>> FIVE, FOUR, THREE, TWO, ONE.

2
00:00:13,219 --> 00:00:19,460
>> INTERNATIONAL SPACE STATION.

3
00:00:19,460 --> 00:00:22,269
>> GOOD AFTERNOON AND WELCOME TO
NASA KENNEDY SPACE CENTER FOR

4
00:00:22,269 --> 00:00:26,609
THE POST LAUNCH NEWS CONFERENCE
OF THE SUCCESSFUL SPACEX TO

5
00:00:26,609 --> 00:00:28,160
INTERNATIONAL SPACE STATION.

6
00:00:28,160 --> 00:00:31,060
I'M STEPHANIE MARTIN.

7
00:00:31,060 --> 00:00:34,640
I'M JOINED BY NASA'S DAN HARTMAN
THE DEPUTY PROGRAM MANAGER FOR

8
00:00:34,640 --> 00:00:41,920
THE INTERNATIONAL SPACE STATION
PROGRAM SPACEX VICE PRESIDENT.

9
00:00:41,920 --> 00:00:46,080
WE'LL START WITH OPENING
COMMENTS AND WE'LL TAKE YOUR

10
00:00:46,080 --> 00:00:47,080
QUESTIONS.

11
00:00:47,080 --> 00:00:49,440
IF YOU'RE ON SOCIAL MEDIA,
PLEASE SEND IN YOUR QUESTIONS,

12
00:00:49,440 --> 00:00:53,860
USING #NASA ON TWITTER.

13
00:00:53,860 --> 00:00:56,490
>> GORGEOUS DAY, SPECTACULAR
LAUNCH.

14
00:00:56,490 --> 00:01:00,420
IT IS SO NICE TO BE OFF THE PAD
TODAY AND AVOID ALL THE

15
00:01:00,420 --> 00:01:01,420
CONSTRAINTS.

16
00:01:01,420 --> 00:01:04,260
LOOKING FORWARD WE MIGHT HAVE
HAD IN CASE THE WEATHER DIDN'T

17
00:01:04,260 --> 00:01:06,170
COOPERATE.

18
00:01:06,170 --> 00:01:09,040
WE'RE EXTREMELY HAPPY TO BE AN
OUR WAY.

19
00:01:09,040 --> 00:01:13,730
CONGRATULATIONS TO THE SPACEX
TEAM FOR REMARKABLE LAUNCH.

20
00:01:13,730 --> 00:01:17,790
LOOKS LIKE DRAGON IS HEALTHY AND
ON ITS WAY TO ISS.

21
00:01:17,790 --> 00:01:19,540
CREW READY FOR IT ARRIVAL.

22
00:01:19,540 --> 00:01:22,400
REALLY EAGER TO DIVE INTO THE
RESEARCH.

23
00:01:22,400 --> 00:01:27,130
WE HAVE AGGRESSIVE RESEARCH
PROGRAM PLANNED.

24
00:01:27,130 --> 00:01:29,590
I KNOW THEY'RE READY TO GO.

25
00:01:29,590 --> 00:01:32,730
TEAMS ON GROUND READY TO GO AND
IMPLEMENT.

26
00:01:32,730 --> 00:01:35,890
IT'S GOING TO BE A FUN 30 DAYS
FOR ON THE BOARD CREW AND TEAM

27
00:01:35,890 --> 00:01:37,200
ON THE GROUND.

28
00:01:37,200 --> 00:01:41,760
I LIKE TO SAY A SPECIAL THANKS
TO OUR LATE TEAM.

29
00:01:41,760 --> 00:01:44,880
LAST NIGHT AND YESTERDAY
AFTERNOON YOU GUYS SAW THE

30
00:01:44,880 --> 00:01:46,210
WEATHER AROUND HERE.

31
00:01:46,210 --> 00:01:48,590
GOT CALLED OFF THE PAD A COUPLE
OF TIMES.

32
00:01:48,590 --> 00:01:51,920
I THINK LOST A COUPLE OF HOURS
TWO HOURS OF TRYING TO DO THE

33
00:01:51,920 --> 00:01:55,869

LATE LOAD WITH OUR POLARS AND
GETTING OUR ANIMAL HABITATS

34
00:01:55,869 --> 00:01:58,010
ONLINE AND INSTALLED IN THE
VEHICLE.

35
00:01:58,010 --> 00:02:00,290
THEY DID A GREAT JOB.

36
00:02:00,290 --> 00:02:05,170
WE ACTUALLY RAN BEHIND OUR
TURNOVER AT 12 HOURS BEFORE

37
00:02:05,170 --> 00:02:06,170
LAUNCH.

38
00:02:06,170 --> 00:02:09,259
A TIME PERIOD SPACEX WORKED WITH
US ON THAT.

39
00:02:09,259 --> 00:02:12,430
JUST A TREMENDOUS EFFORT THAT WE
CAN GET ALL THE LATE LOAD CARGO

40
00:02:12,430 --> 00:02:14,010
ALL PLANNED.

41
00:02:14,010 --> 00:02:16,420
NOTHING WAS REMOVED OR ANYTHING.

42
00:02:16,420 --> 00:02:18,580
IT'S ALL ON ITS WAY TO THE SPACE
STATION.

43
00:02:18,580 --> 00:02:22,460
THE SPACEX TEAM SUPPORT HERE
WITH THE KSD PERNELL TO HELP --

44

00:02:22,460 --> 00:02:29,010
PERSONNEL TO HELP OUT WITH THE
LATE LOAD.

45
00:02:29,010 --> 00:02:31,680
LOOKING FORWARD TO BIRTHING ON
WEDNESDAY MORNING.

46
00:02:31,680 --> 00:02:37,090
AGAIN, JACK WILL BE THE PRIME TO
BRING IT IN.

47
00:02:37,090 --> 00:02:41,970
THAT WILL OCCUR AROUND 6:00 A.M.

48
00:02:41,970 --> 00:02:45,420
WE'RE NOW WORKING ANY ISSUE ON
THE ISS THAT WILL PREVENT A GOOD

49
00:02:45,420 --> 00:02:46,750
BIRTHING.

50
00:02:46,750 --> 00:02:49,750
COULD NOT BE HAPPIER WITH
TODAY'S LAUNCH.

51
00:02:49,750 --> 00:02:51,430
PECULIAR SHOW.

52
00:02:51,430 --> 00:02:53,970
OVER WHO HAWN.

53
00:02:53,970 --> 00:02:54,970
>> GOOD AFTERNOON.

54
00:02:54,970 --> 00:02:59,700
I HAVE GREAT THING TO REPORT.

55
00:02:59,700 --> 00:03:05,920

WE HAD GOOD CATCH UP YESTERDAY
AND MANY THANKS TO THE NASA CREW

56
00:03:05,920 --> 00:03:11,520
ON THE LATE LOAD.

57
00:03:11,520 --> 00:03:17,450
THEY MADE UP IN TIME TO GET THE
ROCKET VERTICAL AND LOADED AND

58
00:03:17,450 --> 00:03:20,069
READY FOR THE LAUNCH.

59
00:03:20,069 --> 00:03:24,349
THE SECOND STAGE RUN INTO NEAR
PERFECT ORBIT.

60
00:03:24,349 --> 00:03:25,680
DEPLOYED DRAGON.

61
00:03:25,680 --> 00:03:31,020
DRAGON PRIME PROPELLERS HAS
PERFORMED FIRST QUALITY AT THIS

62
00:03:31,020 --> 00:03:33,519
POINT IN TIME.

63
00:03:33,519 --> 00:03:42,480
GETTING READY FOR THE NEXT THING
IS THE GNC OR OPENING AND

64
00:03:42,480 --> 00:03:47,030
CONTINUING STATION.

65
00:03:47,030 --> 00:03:56,450
THEN FIRST LANDING WAS
SUCCESSFUL TOO.

66
00:03:56,450 --> 00:03:59,370

I BELIEVE WE DO HAVE VIDEO ON
THAT.

67
00:03:59,370 --> 00:04:03,020
THERE WE GO.

68
00:04:03,020 --> 00:04:04,020
COMING OUT THE CLOUDS.

69
00:04:04,020 --> 00:04:14,830
>> OUT OF THE KENNEDY SPACE
CENTER.

70
00:04:14,830 --> 00:04:19,510
>> RETURN YOU CAN'T SEE THE
LANDING DEPLOY.

71
00:04:19,510 --> 00:04:21,560
PERFECT TOUCH DOWN.

72
00:04:21,560 --> 00:04:26,410
IT'S MY EYES.

73
00:04:26,410 --> 00:04:32,570
FROM WHAT I HEARD, -- VERY SOFT
TOUCH DOWN.

74
00:04:32,570 --> 00:04:36,110
IT'S GREAT BOOSTER.

75
00:04:36,110 --> 00:04:37,540
READY TO GO THE NEXT TIME.

76
00:04:37,540 --> 00:04:40,280
AGAIN, THANK FOR THE CREW.

77
00:04:40,280 --> 00:04:44,840
THANKS FOR THE NASA CREW AND
ALSO AGAIN, THANKS FOR THE

78
00:04:44,840 --> 00:04:46,310
F.A.A.

79
00:04:46,310 --> 00:04:49,690
AND THE RANGE BROUGHT TO
THE WEEKEND TO GET READY FOR

80
00:04:49,690 --> 00:04:52,180
LAUNCH.

81
00:04:52,180 --> 00:04:54,870
THANKS TO NASA.

82
00:04:54,870 --> 00:04:57,000
>> THANK YOU BOTH.

83
00:04:57,000 --> 00:04:58,630
WE'LL TAKE YOUR QUESTIONS IN
ROOM.

84
00:04:58,630 --> 00:05:01,150
IF YOU PLEASE RAISE YOUR HAND
AND STATE YOUR NAME AND

85
00:05:01,150 --> 00:05:08,400
AFFILIATION.

86
00:05:08,400 --> 00:05:13,830
>> TWO QUESTIONS FOR HAHN, ONE I
KNOW SPACEX IS WORKING TOWARDS

87
00:05:13,830 --> 00:05:15,900
FINAL BUILD FOR THE COMMERCIAL
CREW.

88
00:05:15,900 --> 00:05:18,940
YOU GIVE US A SENSE WHERE THE
ROCKET WE SAW TODAY IS ALONG

89
00:05:18,940 --> 00:05:20,770
THAT PATH.

90
00:05:20,770 --> 00:05:24,560
ALSO EVERY LAUNCH SUCCESSFUL
THIS YEAR IS A NEW RECORD FOR

91
00:05:24,560 --> 00:05:27,370
SPACEX IN TERMS OF ANNUAL
FLIGHTS.

92
00:05:27,370 --> 00:05:33,080
WHAT DOES THAT CADENCE MEAN FOR
YOUR PRODUCTION AND RELIABILITY?

93
00:05:33,080 --> 00:05:36,910
>> LET ME ON THE STATISTICS THAT
I STARTED YESTERDAY.

94
00:05:36,910 --> 00:05:44,750
WE'RE NOW ON THE 38th LAUNCH
AND THE 12th CARGO MISSION AND

95
00:05:44,750 --> 00:05:52,440
THE 13th FLIGHT FOR THIS YEAR
AND -- SORRY, NOT SURE IF THAT'S

96
00:05:52,440 --> 00:05:53,900
12th FLIGHT.

97
00:05:53,900 --> 00:06:00,780
13th LANDING -- NO 14th
LANDING.

98
00:06:00,780 --> 00:06:04,600
SIX SUCCESSFUL LANDINGS.

99
00:06:04,600 --> 00:06:09,270

I THINK OBVIOUSLY, THOSE NUMBERS
MEAN A LOT IN TERMS OF

100
00:06:09,270 --> 00:06:15,230
RELIABILITY AND LOOKING -- FIRST
LANDING IS ENORMOUS ADVANTAGE.

101
00:06:15,230 --> 00:06:21,800
YOU CAN LOOK AT THE STAGE AND WE
CAN FIGURE OUT HOW PARTS LOOK

102
00:06:21,800 --> 00:06:24,900
AND IF THERE'S ANY DAMAGE IN THE
TRACES.

103
00:06:24,900 --> 00:06:29,620
ANY CORROSION OR ANYTHING WE
HAVEN'T SEEN BEFORE.

104
00:06:29,620 --> 00:06:31,570
OBVIOUSLY THAT'S A GREAT WIN.

105
00:06:31,570 --> 00:06:38,130
THAT'S FROM MY PERSPECTIVE,
LIABILITY, THAT'S PROBABLY ONE

106
00:06:38,130 --> 00:06:41,900
OF THE BIGGEST THINGS THAT'S
GETTING MORE RELIABLE.

107
00:06:41,900 --> 00:06:47,830
IN TERMS OF THIS VEHICLE, TOWARD
THE END VERSION OF THE CREW.

108
00:06:47,830 --> 00:06:57,880
I WILL SAY, 96, OR 97 PERCENT
PRETTY CLOSE.

109
00:06:57,880 --> 00:07:07,919
AFTER EVERY LAUNCH, I'M VERY

HAPPY AND GLAD ROCKET DID SO

110
00:07:07,919 --> 00:07:18,909
WELL.

111
00:07:18,909 --> 00:07:19,909
>> FOR DAN.

112
00:07:19,909 --> 00:07:21,970
IT'S MORE CURIOSITY QUESTION.

113
00:07:21,970 --> 00:07:25,610
I KNOW BACK IN FEBRUARY, DRAGON
HAD A LITTLE HICCUP ON ITS FIRST

114
00:07:25,610 --> 00:07:28,490
BIRTHING ATTEMPT TO THE STATION.

115
00:07:28,490 --> 00:07:32,100
IF THAT WERE TO OCCUR AGAIN,
WHAT WOULD THE CONTINGENCY PLAN

116
00:07:32,100 --> 00:07:35,139
BE IN TERMS THE SPACE WALK.

117
00:07:35,139 --> 00:07:40,520
>> I CLARIFIED THAT YESTERDAY.

118
00:07:40,520 --> 00:07:45,550
THE MAIN THING WITH WORKING WITH
THE RUSSIANS, IF WE GET INTO A

119
00:07:45,550 --> 00:07:48,810
CONTINGENCY CASE WHERE WE'RE
ALREADY IN THE AIR AND WE NEED

120
00:07:48,810 --> 00:07:54,180
TO DO ONCE AROUND AND REVERT THE
NEXT DAY, WE HAVEN'T HAD THE

121
00:07:54,180 --> 00:07:55,180
DISCUSSION WITH THE RUSSIANS.

122
00:07:55,180 --> 00:07:59,740
I'M SURE WE'LL COORDINATE A
SUCCESSFUL BIRTHING AND BE ABLE

123
00:07:59,740 --> 00:08:01,220
TO CARRY OUT THEIR EVA.

124
00:08:01,220 --> 00:08:05,410
WHETHER WE CAN DO IT SAME DAY OR
NOT, WE HAVE TO WORK THAT.

125
00:08:05,410 --> 00:08:09,750
I THINK THE RUSSIANS WOULD WORK
WITH US.

126
00:08:09,750 --> 00:08:12,030
I'M REALLY NOT CONCERNED ABOUT
THAT IN CASE WE DO HAVE THAT

127
00:08:12,030 --> 00:08:22,160
PROBLEM ON
THE FEBRUARY MISSION.

128
00:08:22,160 --> 00:08:23,160
>> REALLY FOR BOTH OF YOU.

129
00:08:23,160 --> 00:08:27,220
I WONDER IF YOU CAN GIVE US
UPDATE ON THE CREW DRAGON.

130
00:08:27,220 --> 00:08:30,090
REALLY EASY TO IMAGINE AND HAPPY
TO IMAGINE A YEAR FROM NOW WE

131
00:08:30,090 --> 00:08:33,190

MIGHT BE LAUNCHING PEOPLE ON THE
DRAGON.

132
00:08:33,190 --> 00:08:40,110
HAHN, CAN YOU TELL US WHERE
WE'RE AT.

133
00:08:40,110 --> 00:08:45,549
FROM THE NASA PERSPECTIVE, WHAT
DOES IT LOOK LIKE?

134
00:08:45,549 --> 00:08:48,819
>> FROM MY PERSPECTIVE, WE HAVE
PIECES OF HARDWARE, LARGE PIECES

135
00:08:48,819 --> 00:08:55,660
COMING TOGETHER TO -- THE CREW
CAPSULE BASICALLY, WE ARE IN

136
00:08:55,660 --> 00:09:01,329
QUALIFYING HARDWARE AND WORKING
THROUGH THE FINAL DESIGNS.

137
00:09:01,329 --> 00:09:04,040
IT'S COMING ALONG GREAT.

138
00:09:04,040 --> 00:09:08,290
I SEE PEOPLE LOOK IN OPERATIONS.

139
00:09:08,290 --> 00:09:13,619
I THINK THIS IS COMING TOGETHER
AT A GREAT PACE WITH A LOT OF

140
00:09:13,619 --> 00:09:15,699
EFFORTS FROM THE TEAM.

141
00:09:15,699 --> 00:09:21,219
I'M PRETTY SURE, LOOKS RIGHT.

142

00:09:21,219 --> 00:09:25,709
>> WE'RE VERY EAGER IN THE FY19
PERIOD TO SEE A COMMERCIAL CREW

143
00:09:25,709 --> 00:09:27,459
DRAGON COME TO THE STATION.

144
00:09:27,459 --> 00:09:28,749
ON A ROUTINE BASIS.

145
00:09:28,749 --> 00:09:35,430
I IMAGINE YOU'LL SEE US FLYING
SOME DRAGON TWO VERSION OF VERY

146
00:09:35,430 --> 00:09:41,949
SIMILAR SPACECRAFT TO SUPPORT
CARGO OR TO GET SOME MORE

147
00:09:41,949 --> 00:09:44,129
FLIGHTS UNDER ITS BELT ON DRAGON
TWO.

148
00:09:44,129 --> 00:09:49,759
MAYBE BEFORE WE STEP UP TO
SERIOUS CREW ROTATIONS THAT WE

149
00:09:49,759 --> 00:09:52,860
NEED TO OCCUR ON THE
INTERNATIONAL SPACE STATION.

150
00:09:52,860 --> 00:09:57,589
WE'RE WORKING WITH SPACEX NOW TO
SEE WHEN THAT CONVERSION TIME IS

151
00:09:57,589 --> 00:10:01,809
TO GO FROM DRAGON ONE
CONFIGURATION INTO A DRAGON TWO.

152
00:10:01,809 --> 00:10:06,339
GET MORE RUN TIME ON THAT

VEHICLE.

153
00:10:06,339 --> 00:10:13,679
THOSE DISCUSSIONS ARE ONGOING.

154
00:10:13,679 --> 00:10:14,679
>> TO FOLLOW UP ON THAT.

155
00:10:14,679 --> 00:10:21,319
AT WHAT POINT DO YOU EXPECT TO
NAME A CREW TO THE SPACEX FLIGHT

156
00:10:21,319 --> 00:10:22,889
TO THE INTERNATIONAL SPACE
STATION?

157
00:10:22,889 --> 00:10:23,889
>> SURE.

158
00:10:23,889 --> 00:10:28,160
WE HAVE OUR FOUR CREW THAT ARE
IN THE TRAINING.

159
00:10:28,160 --> 00:10:31,389
DISCUSSES ARE ONGOING.

160
00:10:31,389 --> 00:10:32,649
I THINK WE'RE GETTING CLOSE.

161
00:10:32,649 --> 00:10:35,569
I'LL SAY WITHIN THE NEXT MONTH
OR TWO.

162
00:10:35,569 --> 00:10:41,730
WE COULD HAVE TO SPECIFY,
DETAILED TRAINING DOWN AND IN.

163
00:10:41,730 --> 00:10:44,199
WHAT SHOULD TWO CREW MEMBERS

MAYBE SELECTED.

164
00:10:44,199 --> 00:10:48,579
I HAVE TO CHECK WITH COMMERCIAL
CREW PROGRAM.

165
00:10:48,579 --> 00:10:51,860
I'VE SEEN SOME RECENT
DISCUSSIONS ON THAT THAT WE'RE

166
00:10:51,860 --> 00:11:01,529
GETTING PRETTY CLOSE.

167
00:11:01,529 --> 00:11:03,630
>> COUPLE OF QUESTIONS.

168
00:11:03,630 --> 00:11:06,829
HAHN, WHICH BOOSTER ARE YOU
REUSING FOR YOUR UPCOMING SES

169
00:11:06,829 --> 00:11:08,410
MISSION.

170
00:11:08,410 --> 00:11:17,290
DAN, CAN YOU COMMENT AT ALL ON
NASA'S LOOKING AT REUSED

171
00:11:17,290 --> 00:11:21,569
BOOSTERS FOR CRS MISSIONS?

172
00:11:21,569 --> 00:11:22,839
>> THAT IS A GOOD QUESTION.

173
00:11:22,839 --> 00:11:25,360
I THINK IT IS ONE OF THE CRS
BOOSTERS.

174
00:11:25,360 --> 00:11:28,959
I THOUGHT IT'S THE LAST ONE OR

THE ONE BEFORE.

175
00:11:28,959 --> 00:11:33,399
NOT TOTALLY SURE ON THOSE TWO.

176
00:11:33,399 --> 00:11:42,019
>> FOR CRS MISSIONS OUR PLAN IS
FOR CRS-13 TO USE A NEW BOOSTER.

177
00:11:42,019 --> 00:11:45,959
WE ARE IN PARALLEL WITH THAT AND
ASSESSING AND HAVE TEAMS IN

178
00:11:45,959 --> 00:11:46,959
PLACE.

179
00:11:46,959 --> 00:11:51,069
LOOKING FOR ALL THE DATA AND
DATA REQUEST BACK INTO SPACEX.

180
00:11:51,069 --> 00:11:55,279
ALL OUR ENGINEERING TEAMS ARE IN
PLACE AND WE HOPE TO HAVE SOME

181
00:11:55,279 --> 00:12:01,509
SORT OF ANSWER WHERE WE CAN TAKE
TO THE AGENCY TEAM BY THE END OF

182
00:12:01,509 --> 00:12:03,980
SEPTEMBER IS OUR CURRENT PLAN.

183
00:12:03,980 --> 00:12:05,980
A LOT OF DATA HAS TO BE
EXCHANGED.

184
00:12:05,980 --> 00:12:09,129
LOT OF ANALYSIS HAS TO OCCUR
PRIOR TO THAT.

185

00:12:09,129 --> 00:12:12,609
AS LONG AS SOME OF THOSE
MILESTONES ARE MET, WE HOPE TO

186
00:12:12,609 --> 00:12:15,600
BE CLOSE BY THE END OF
SEPTEMBER.

187
00:12:15,600 --> 00:12:18,199
WHETHER WE CAN TURN THAT AROUND
AND SAY, WE'RE GOOD TO GO ON A

188
00:12:18,199 --> 00:12:22,559
SPACEX 13, ROCKET.

189
00:12:22,559 --> 00:12:24,439
THAT ISN'T OUR PLAN.

190
00:12:24,439 --> 00:12:28,149
WE'LL SEE WHERE WE GET TO
COMFORT WISE AFTER THAT.

191
00:12:28,149 --> 00:12:29,149
WE'RE SERIOUS.

192
00:12:29,149 --> 00:12:31,749
WE GOT THE REQUEST IN FROM
SPACEX.

193
00:12:31,749 --> 00:12:35,189
WE'RE TAKING A HARD LOOK AT IT
AND I IMAGINE IT WILL HAPPEN.

194
00:12:35,189 --> 00:12:38,529
IT'S JUST A MATTER WHEN IT DOES
OCCUR.

195
00:12:38,529 --> 00:12:39,529
>> THANKS.

196
00:12:39,529 --> 00:12:44,419
WHICH BOOSTER WOULD THAT BE?

197
00:12:44,419 --> 00:12:46,660
>> I'M NOT QUITE SURE.

198
00:12:46,660 --> 00:12:51,060
CR S-13 MISSION IS A BRAND NEW
BOOSTER.

199
00:12:51,060 --> 00:12:52,559
IT'S THE PLAN NOW.

200
00:12:52,559 --> 00:12:54,639
WHICH REUSED BOOSTER THAT IS.

201
00:12:54,639 --> 00:12:56,719
I'M NOT HURE.

202
00:12:56,719 --> 00:12:58,100
>> I DON'T THINK WE HAVE THAT.

203
00:12:58,100 --> 00:13:03,980
IN OUR ASSESSMENT, WE'RE LOOKING
AT IT GENERICALLY, ACROSS ALL

204
00:13:03,980 --> 00:13:05,839
REUSED BOOSTERS.

205
00:13:05,839 --> 00:13:07,670
WE'RE GETTING A LOT OF DATA IN
FROM EACH ONE.

206
00:13:07,670 --> 00:13:10,069
WE'RE DOING ASSESSMENTS ON
VARIOUS COMPONENTS, VARIOUS

207
00:13:10,069 --> 00:13:12,309

SYSTEMS ASSOCIATED WITH THAT.

208
00:13:12,309 --> 00:13:15,889
THERE'S SOME DON'TS THAT WE KNOW
EVEN WITH THE REUSED SPACEX,

209
00:13:15,889 --> 00:13:19,709
CHANGES OUT ON ROUTINE BASIS.

210
00:13:19,709 --> 00:13:20,769
ALL THAT'S IN WORK.

211
00:13:20,769 --> 00:13:23,600
LIKE I SAID, COME END OF
SEPTEMBER, WE HOPE TO HAVE A

212
00:13:23,600 --> 00:13:27,189
CALL ON THAT.

213
00:13:27,189 --> 00:13:32,329
>> HAHN, FIRST HALF OF THE YEAR,
LITTLE BIT OF A GAP HERE.

214
00:13:32,329 --> 00:13:34,730
HOW IS THE SECOND HALF WILL
UNFOLD.

215
00:13:34,730 --> 00:13:39,499
THIS IS YEAR 11th.

216
00:13:39,499 --> 00:13:40,949
>> SIX WEEKS.

217
00:13:40,949 --> 00:13:43,589
LONG TIME.

218
00:13:43,589 --> 00:13:47,540
USED TO LAUNCH EVERY OTHER
MONTH.

219
00:13:47,540 --> 00:13:50,989
THEN EVERY MONTH AND NOW EVERY
TWO WEEKS.

220
00:13:50,989 --> 00:13:54,940
YOU BASICALLY HAVE LITTLE
VACATION IN THE MIDDLE.

221
00:13:54,940 --> 00:14:01,639
EVERYBODY GOES ON THE BREAK.

222
00:14:01,639 --> 00:14:09,240
I THINK IT'S GOING TO CONTINUE
ON THAT PACE.

223
00:14:09,240 --> 00:14:14,760
THIS IS LITTLE BIT PRODUCTION
AND HOW THE WHOLE SEQUENCE

224
00:14:14,760 --> 00:14:19,930
STACKS UP HOW MANY OF THE PEOPLE
WE CAN USE.

225
00:14:19,930 --> 00:14:24,949
THE PLAN IS TO CONTINUE AT THAT
PACE AND BRING IT TO A LEVEL OF

226
00:14:24,949 --> 00:14:28,920
EFFORT THAT WE CAN SUSTAIN AND
KEEP GOING.

227
00:14:28,920 --> 00:14:36,449
I DO WANT TO CONFIRM, IT WAS CS-
CS-10 EARLIER.

228
00:14:36,449 --> 00:14:44,350
>> I BELIEVE WE HAVE ONE MORE
QUESTION IN THE ROOM.

229
00:14:44,350 --> 00:14:49,519
>> HAHN, WHEN YOU HAVE THE NINE
DATE LAUNCH, LET'S SAY THE TWO

230
00:14:49,519 --> 00:14:51,439
STARTS NINE DAYS.

231
00:14:51,439 --> 00:14:54,110
YOU HAVE LANDED SEA TWO
CONSECUTIVE TIME.

232
00:14:54,110 --> 00:14:58,629
IS THERE ENOUGH TIME TO GET THE
FIRST STAGE BACK UNLOADED AND

233
00:14:58,629 --> 00:15:01,739
RETURN BACK FOR A SECOND
LANDING?

234
00:15:01,739 --> 00:15:05,579
DO YOU TRY AND LAND TWO ON THE
SHIP AT THE SAME TIME?

235
00:15:05,579 --> 00:15:08,509
>> I DON'T THINK THAT'S ENOUGH
SPACE.

236
00:15:08,509 --> 00:15:11,870
YOU HAVE TWO SHIPS.

237
00:15:11,870 --> 00:15:12,870
>> TWO SHIPS HERE?

238
00:15:12,870 --> 00:15:14,709
>> WE DON'T HAVE TWO SHIPS HERE.

239
00:15:14,709 --> 00:15:16,709
SHIPS CAN MOVE AROUND.

240
00:15:16,709 --> 00:15:17,800
>> OKAY.

241
00:15:17,800 --> 00:15:19,779
[LAUGHTER]
>> IT'S A GOOD QUESTION.

242
00:15:19,779 --> 00:15:24,439
I DON'T THINK YOU COULD EVER --
THAT WILL BE SUPER TIGHT.

243
00:15:24,439 --> 00:15:28,230
THE SHIP IS NOT VERY -- IT'S A
BIG SHIP.

244
00:15:28,230 --> 00:15:30,739
THERE'S NO QUESTION ABOUT THAT.

245
00:15:30,739 --> 00:15:33,089
YOU HAVE BOOSTER ON IT.

246
00:15:33,089 --> 00:15:39,680
IT SEEMS SO SHRINK IN SIZE.

247
00:15:39,680 --> 00:15:40,959
>> PLANS TO MOVE THE OTHER SHIP
HERE?

248
00:15:40,959 --> 00:15:45,339
>> I DON'T THINK THERE'S PLANS
NOW.

249
00:15:45,339 --> 00:15:46,649
THAT'S PROBABLY WHAT GOES INTO
THE SEQUENCING.

250
00:15:46,649 --> 00:15:51,410
YOU HAVE TO MAKE SURE YOU STACK
THE EMISSIONS ACCORDINGLY SO YOU

251
00:15:51,410 --> 00:15:53,910
DON'T HAVE TWO SEA LAUNCHES.

252
00:15:53,910 --> 00:16:00,579
BY THE WAY, I THINK THE TIMING
COULD WORK OUT TOO.

253
00:16:00,579 --> 00:16:05,579
TAKES COUPLE OF DAYS TO GO BACK
AND GO BACK OUT THERE.

254
00:16:05,579 --> 00:16:07,410
I HAVEN'T THOUGHT ABOUT THIS.

255
00:16:07,410 --> 00:16:12,829
I MUST ADMIT IT'S A GOOD NEW
QUESTION TO ME.

256
00:16:12,829 --> 00:16:14,920
I THINK TIMING COULD ACTUALLY
WORK OUT.

257
00:16:14,920 --> 00:16:18,739
>> ANECDOTALLY, YOU'RE PULLING
THE BOOSTER OFF THESHIP THE DAY

258
00:16:18,739 --> 00:16:22,040
YOU SUPPOSED TO LAUNCH.

259
00:16:22,040 --> 00:16:24,589
IT WOULD HAVE BEEN ONE DAY
SHORT.

260
00:16:24,589 --> 00:16:25,589
I'M SURE YOU CAN SPEED THINGS
UP.

261
00:16:25,589 --> 00:16:28,389

>> I'M PRETTY SURE ONE DAY IS
NOT A PROBLEM.

262
00:16:28,389 --> 00:16:37,309
>> FOR DAN, I WAS HOPING TO GET
A GENERALIZED COST FOR

263
00:16:37,309 --> 00:16:40,759
ASTRONAUTS FOR U.S. COMMERCIAL
CREW COMPARED TO THE CURRENT

264
00:16:40,759 --> 00:16:43,889
RATE?

265
00:16:43,889 --> 00:16:44,959
>> I DON'T HAVE THOSE.

266
00:16:44,959 --> 00:16:46,339
WE CAN GET THOSE.

267
00:16:46,339 --> 00:16:47,939
WE CAN PROVIDE IT.

268
00:16:47,939 --> 00:16:51,980
>> IS THERE A LITANY OF
POTENTIAL CUSTOMERS IN THE

269
00:16:51,980 --> 00:16:54,660
FUTURE THAT ARE EXPECTED TO
SHIP?

270
00:16:54,660 --> 00:16:58,850
MIGRATE TO THE U.S. COMMERCIAL
CREW?

271
00:16:58,850 --> 00:17:02,019
>> CERTAINLY WE'LL HAVE OUR
NEEDS TO SUPPORT THE ASTRONAUTS

272

00:17:02,019 --> 00:17:05,699
WE PLAN TO FLY.

273
00:17:05,699 --> 00:17:09,490
FOR WHAT WE PLAN TO DO TO THE
MAINTAIN AND OPERATE ON DO

274
00:17:09,490 --> 00:17:11,669
RESEARCH ON BOARD THE
INTERNATIONAL SPACE STATION.

275
00:17:11,669 --> 00:17:18,230
OTHER USES FOR ADDITIONAL CREW
MEMBERS OURS ARE GOING TO BE FOR

276
00:17:18,230 --> 00:17:19,240
CREW OF FOUR.

277
00:17:19,240 --> 00:17:23,500
IF THERE'S OTHER USES FOR SPACEX
AND PASSENGER CAPABILITY THAT

278
00:17:23,500 --> 00:17:28,629
THEY'RE TAKING INTO ACCOUNT, YOU
HAVE TO ASK THEM.

279
00:17:28,629 --> 00:17:30,080
>> OKAY.

280
00:17:30,080 --> 00:17:31,080
NO MORE QUESTIONS.

281
00:17:31,080 --> 00:17:33,539
WE'LL GO AHEAD AND WRAP UP
TODAY'S POST LAUNCH NEWS

282
00:17:33,539 --> 00:17:35,039
CONFERENCE.

283

00:17:35,039 --> 00:17:37,460
THE DRAGON WILL ARRIVE AT THE
INTERNATIONAL SPACE STATION ON

284
00:17:37,460 --> 00:17:41,460
WEDNESDAY WITH NASA TELEVISION
COVERAGE STARTING AT 5:30 A.M.

285
00:17:41,460 --> 00:17:43,539
AND EXPECTED TO CAPTURE AT
7:00 A.M.

286
00:17:43,539 --> 00:17:50,740
IF YOU LIKE TO KEEP UP WITH THE
STATUS, VISIT WWW.

287
00:17:50,740 --> 00:17:51,800
WWW.FIANCEES.GOV/SPACEX.

288
00:17:51,800 --> 00:17:55,759
CONTINUE TO LEARN MORE ABOUT
INTERNATIONAL SPACE STATION.

289
00:17:55,759 --> 00:18:01,479
THANK YOU FOR JOINING US.

290
00:18:01,479 --> 00:18:15,070
>> FIVE, FOUR, THREE, TWO, ONE.