



1
00:00:04,370 --> 00:00:02,480
good morning from the Johnson Space

2
00:00:08,330 --> 00:00:04,380
Center this is Mission Control Houston

3
00:00:09,560 --> 00:00:08,340
it's Monday August 22nd 2011 you're

4
00:00:11,990 --> 00:00:09,570
looking at the International Space

5
00:00:13,879 --> 00:00:12,000
Station flight control room from the

6
00:00:15,860 --> 00:00:13,889
back of the room looking forward across

7
00:00:18,260 --> 00:00:15,870
over the shoulders of flight controllers

8
00:00:22,400 --> 00:00:18,270
as they watch over the systems aboard

9
00:00:24,439 --> 00:00:22,410
the International Space Station the team

10
00:00:27,800 --> 00:00:24,449
of flight controllers currently on duty

11
00:00:31,569 --> 00:00:27,810
since early Monday morning is led today

12
00:00:35,450 --> 00:00:31,579
by veteran flight director Chris Edelen

13
00:00:37,270 --> 00:00:35,460

he is joined on console by Hal get

14

00:00:40,819 --> 00:00:37,280

suleman he is handling the

15

00:00:42,500 --> 00:00:40,829

communications duties between the flight

16

00:00:44,720 --> 00:00:42,510

control team here in Mission Control

17

00:00:46,160 --> 00:00:44,730

Houston and the crew aboard the

18

00:00:50,869 --> 00:00:46,170

International Space Station the

19

00:00:52,160 --> 00:00:50,879

expedition 28 crew all of the systems

20

00:00:55,189 --> 00:00:52,170

aboard the station are in excellent

21

00:00:58,849 --> 00:00:55,199

shape it's been a busy weekend and a

22

00:01:03,200 --> 00:00:58,859

very busy first day of what's expected

23

00:01:05,600 --> 00:01:03,210

to be a fairly busy week as well for the

24

00:01:09,520 --> 00:01:05,610

crew members aboard the complex the

25

00:01:13,399 --> 00:01:09,530

International Space Station is currently

26

00:01:16,670 --> 00:01:13,409

tracking across the upper central

27

00:01:19,760 --> 00:01:16,680

portion of Africa high above Libya at an

28

00:01:21,320 --> 00:01:19,770

altitude of about 250 statute miles just

29

00:01:24,679 --> 00:01:21,330

about to make a swing across the

30

00:01:28,039 --> 00:01:24,689

Mediterranean turkey and then out across

31

00:01:31,880 --> 00:01:28,049

Kazakhstan into an orbital sunset across

32

00:01:34,130 --> 00:01:31,890

southern Russia and then mongolia china

33

00:01:36,200 --> 00:01:34,140

and then the southern tip of japan

34

00:01:39,560 --> 00:01:36,210

before swinging out across the pacific

35

00:01:41,530 --> 00:01:39,570

ocean onboard the expedition 28 crew is

36

00:01:44,090 --> 00:01:41,540

made up of commander andrey borisenko

37

00:01:47,569 --> 00:01:44,100

and flight engineers alexander

38

00:01:49,810 --> 00:01:47,579

samokutyaev along with sergei volkov

39

00:01:54,230 --> 00:01:49,820

those are the three Russian cosmonauts

40

00:01:57,469 --> 00:01:54,240

that make up expedition 28 they're

41

00:02:02,060 --> 00:01:57,479

joined by two US astronauts Ron Garan

42

00:02:04,550 --> 00:02:02,070

and Mike Fossum and Japanese astronaut

43

00:02:07,119 --> 00:02:04,560

Satoshi Furukawa rounds out the

44

00:02:11,380 --> 00:02:07,129

six-person crew of expedition 28

45

00:02:13,690 --> 00:02:11,390

borisenko Semak uchiha van Ron Garan

46

00:02:16,390 --> 00:02:13,700

I've been aboard the station now for a

47

00:02:18,640 --> 00:02:16,400

hundred thirty eight days they have been

48

00:02:21,340 --> 00:02:18,650

in space a hundred forty eight day a

49

00:02:24,400 --> 00:02:21,350

hundred and forty days since they

50

00:02:27,580 --> 00:02:24,410

launched on their soyuz tma 21

51
00:02:30,130 --> 00:02:27,590
spacecraft back on April fourth of this

52
00:02:32,740 --> 00:02:30,140
year they planned to be aboard the

53
00:02:34,990 --> 00:02:32,750
station until early September their

54
00:02:38,410 --> 00:02:35,000
current targeted return home date is

55
00:02:41,320 --> 00:02:38,420
September eight there's there's no signs

56
00:02:43,810 --> 00:02:41,330
of the other three crew members Sergei

57
00:02:46,600 --> 00:02:43,820
Volkov Satoshi Furukawa and Mike Fossum

58
00:02:50,280 --> 00:02:46,610
arrived at the station back on jun 9th

59
00:02:54,490 --> 00:02:50,290
after their launch atop their soyuz tma

60
00:02:56,830 --> 00:02:54,500
dash 0 to m spacecraft on june seventh

61
00:03:01,600 --> 00:02:56,840
they have been aboard the station now

62
00:03:06,130 --> 00:03:01,610
for 74 days 76 days in space for those

63
00:03:09,130 --> 00:03:06,140

three crew members there's quite a bit

64

00:03:10,840 --> 00:03:09,140

of conversations going on focusing on a

65

00:03:12,720 --> 00:03:10,850

number of activities the Russian

66

00:03:16,479 --> 00:03:12,730

cosmonauts have completed all of the

67

00:03:18,610 --> 00:03:16,489

stowage activities inside the Russian 43

68

00:03:21,970 --> 00:03:18,620

progress supply vehicle they've closed

69

00:03:24,520 --> 00:03:21,980

the hatch they have planned to do a leak

70

00:03:27,039 --> 00:03:24,530

check to ensure a good seal between that

71

00:03:30,310 --> 00:03:27,049

spacecraft docked to the aft end of the

72

00:03:33,660 --> 00:03:30,320

service module and preparation for its

73

00:03:37,390 --> 00:03:33,670

undocking from the station at 438

74

00:03:39,789 --> 00:03:37,400

Tuesday morning central time that 43

75

00:03:42,250 --> 00:03:39,799

progress vehicle will loiter in orbit

76
00:03:44,289 --> 00:03:42,260
for some engineering evaluations by the

77
00:03:47,370 --> 00:03:44,299
Russian flight control teams before it's

78
00:03:50,770 --> 00:03:47,380
targeted and controlled deorbit burn and

79
00:03:53,920 --> 00:03:50,780
say free entry into the atmosphere to

80
00:03:56,800 --> 00:03:53,930
burn up on september first that sets

81
00:04:00,220 --> 00:03:56,810
the stage for the 44 progress launch

82
00:04:02,610 --> 00:04:00,230
that 44 progress vehicle rolled out to

83
00:04:08,140 --> 00:04:02,620
the launch pad at Baikonur cosmodrome

84
00:04:10,000 --> 00:04:08,150
this morning and plans are for that 44

85
00:04:12,509 --> 00:04:10,010
progress to launch atop of soyuz rocket

86
00:04:14,530 --> 00:04:12,519
at eight a.m. central time wednesday

87
00:04:16,210 --> 00:04:14,540
docking to the international space

88
00:04:19,740 --> 00:04:16,220

station at nine thirty eight a.m.

89

00:04:23,680 --> 00:04:19,750

central on friday so a busy week

90

00:04:26,050 --> 00:04:23,690

highlighted today by the first power up

91

00:04:28,939 --> 00:04:26,060

of the robot

92

00:04:30,439 --> 00:04:28,949

robot robot aboard the International

93

00:04:33,800 --> 00:04:30,449

Space Station a very exciting

94

00:04:36,260 --> 00:04:33,810

opportunity to begin operations with

95

00:04:38,719 --> 00:04:36,270

that Robonaut testing its electrical

96

00:04:42,279 --> 00:04:38,729

systems throughout the early part of

97

00:04:45,230 --> 00:04:42,289

today so the crew quite busy throughout

98

00:04:48,860 --> 00:04:45,240

throughout this day and the entire week