1
00:00:05,190 --> 00:00:03,350
good morning from nasa's johnson space

2
00:00:06,470 --> 00:00:05,200
center this is mission control houston

3
00:00:08,710 --> 00:00:06,480
you're looking at the international

4
00:00:10,709 --> 00:00:08,720
space station flight control room from

5
00:00:13,350 --> 00:00:10,719
the back of the room looking across the

6
00:00:14,950 --> 00:00:13,360
consoles team of flight controllers

7
00:00:17,269 --> 00:00:14,960
watching over all of the systems once

8
00:00:21,189 --> 00:00:17,279
again today wednesday

9
00:00:23,029 --> 00:00:21,199
march 14 2012 as the

10
00:00:24,710 --> 00:00:23,039
team watching over the shoulders of the

11
00:00:26,150 --> 00:00:24,720
crew onboard the international space

12
00:00:27,029 --> 00:00:26,160
station today

13
00:00:29,349 --> 00:00:27,039

the

14
00:00:31,669 --> 00:00:29,359
flight director on duty once again

15
00:00:33,990 --> 00:00:31,679
for the shift is royce renfrew he's

16
00:00:35,750 --> 00:00:34,000
overseeing this team which has been

17
00:00:37,510 --> 00:00:35,760
on console since about seven o'clock

18
00:00:40,150 --> 00:00:37,520
this morning the team

19
00:00:42,069 --> 00:00:40,160
will support uh the international space

20
00:00:44,950 --> 00:00:42,079
station expedition 30 crew

21
00:00:45,830 --> 00:00:44,960
until about 3 30 this afternoon central

22
00:00:48,310 --> 00:00:45,840
time

23
00:00:49,590 --> 00:00:48,320
he's joined on console today by hal

24
00:00:51,830 --> 00:00:49,600
getzelman

25
00:00:53,990 --> 00:00:51,840
hal is serving as the spacecraft

26
00:00:56,069 --> 00:00:54,000
communicator the capcom

27
00:00:57,830 --> 00:00:56,079
uh providing all of the

28
00:00:59,510 --> 00:00:57,840
voice link between the flight control

29
00:01:04,390 --> 00:00:59,520
team and the crew aboard the

30
00:01:09,030 --> 00:01:06,390
the iss is currently

31
00:01:11,750 --> 00:01:09,040
tracking into an orbital sunrise as it

32
00:01:14,149 --> 00:01:11,760
heads across the upper midwest of the

33
00:01:17,270 --> 00:01:14,159
united states just about to head across

34
00:01:19,749 --> 00:01:17,280
montana north dakota and then out across

35
00:01:22,469 --> 00:01:19,759
portions of canada before swinging out

36
00:01:24,310 --> 00:01:22,479
the nor across the north atlantic

37
00:01:26,469 --> 00:01:24,320
for a pass across the north atlantic and

38
00:01:28,789 --> 00:01:26,479

then down across western

39
00:01:32,069 --> 00:01:28,799
northwestern portions of africa crossing

40
00:01:34,069 --> 00:01:32,079
the coast of morocco from this vantage

41
00:01:36,870 --> 00:01:34,079
point the station is circling the earth

42
00:01:40,550 --> 00:01:36,880
every 92 minutes at an altitude of about

43
00:01:42,389 --> 00:01:40,560
240 statute miles offering an orbital

44
00:01:43,830 --> 00:01:42,399
sunrise and sunset

45
00:01:45,830 --> 00:01:43,840
to the crew

46
00:01:49,350 --> 00:01:45,840
onboard the station about

47
00:01:50,469 --> 00:01:49,360
every 45 minutes or so

48
00:01:54,069 --> 00:01:50,479
that crew

49
00:01:57,990 --> 00:01:54,079
made up of expedition 36 member crew

50
00:01:59,830 --> 00:01:58,000
commanded by astronaut dan burbank his

51
00:02:02,870 --> 00:01:59,840
two colleagues that arrived at the

52
00:02:05,429 --> 00:02:02,880
station back in november of 2011 are

53
00:02:08,150 --> 00:02:05,439
anton shkaplerov and anatoly ivanishin

54
00:02:10,150 --> 00:02:08,160
the two russian cosmonauts they've those

55
00:02:13,750 --> 00:02:10,160
three have been aboard the station now

56
00:02:16,790 --> 00:02:13,760
for uh 121 days they've been in orbit

57
00:02:19,670 --> 00:02:16,800
for 123 days

58
00:02:22,949 --> 00:02:19,680
they plan to return home

59
00:02:24,309 --> 00:02:22,959
in late april

60
00:02:27,350 --> 00:02:24,319
the other three crew members that make

61
00:02:28,710 --> 00:02:27,360
up expedition 30 russian cosmonaut oleg

62
00:02:29,990 --> 00:02:28,720
kononenko

63
00:02:36,229 --> 00:02:30,000

and

64
00:02:38,949 --> 00:02:36,239
those three crew members have been

65
00:02:46,070 --> 00:02:38,959
aboard the station for 83 days today

66
00:02:49,990 --> 00:02:47,830
commander dan burbank is spending his

67
00:02:51,910 --> 00:02:50,000
day working with robonaut in the u.s

68
00:02:54,070 --> 00:02:51,920
laboratory destiny

69
00:02:56,790 --> 00:02:54,080
following tuesday's groundbreaking

70
00:02:59,270 --> 00:02:56,800
efforts by don pettit who was assisting

71
00:03:03,110 --> 00:02:59,280
with some upgrades to the humanoid

72
00:03:06,229 --> 00:03:03,120
robots systems and also watching as r2

73
00:03:07,670 --> 00:03:06,239
signed hello world as part of its

74
00:03:09,910 --> 00:03:07,680
checkout

75
00:03:11,430 --> 00:03:09,920
pettit today wednesday focuses on

76
00:03:13,350 --> 00:03:11,440
medical experiments and in-flight

77
00:03:15,670 --> 00:03:13,360
maintenance activities associated with

78
00:03:16,869 --> 00:03:15,680
routine hardware and other equipment

79
00:03:18,550 --> 00:03:16,879
that is part of the elaborate

80
00:03:21,350 --> 00:03:18,560
environmental control and life support

81
00:03:23,990 --> 00:03:21,360
system on board the station

82
00:03:26,309 --> 00:03:24,000
kuipers focuses today on human research

83
00:03:28,789 --> 00:03:26,319
support equipment including the

84
00:03:30,789 --> 00:03:28,799
tissue equivalent proportional counter

85
00:03:32,470 --> 00:03:30,799
relocating the maintenance work area of

86
00:03:35,110 --> 00:03:32,480
the station and installation of a

87
00:03:37,110 --> 00:03:35,120
support cable for the cell biology

88
00:03:38,710 --> 00:03:37,120

experiment facility

89
00:03:40,630 --> 00:03:38,720
the three russian cosmonauts have

90
00:03:42,949 --> 00:03:40,640
conducted routine maintenance checks in

91
00:03:44,789 --> 00:03:42,959
the russian segment of the station today

92
00:03:47,030 --> 00:03:44,799
and they've evaluated their orthostatic

93
00:03:49,990 --> 00:03:47,040
stability utilizing the lower body

94
00:03:51,509 --> 00:03:50,000
negative pressure device they've also

95
00:03:54,149 --> 00:03:51,519
spent some time reconfiguring the

96
00:03:57,350 --> 00:03:54,159
communication system in the mini

97
00:04:00,149 --> 00:03:57,360
research module one known as rossviet or

98
00:04:03,350 --> 00:04:00,159
the which is the russian word for dawn

99
00:04:05,589 --> 00:04:03,360
so all of that activity translates into

100
00:04:07,030 --> 00:04:05,599
a busy wednesday aboard the

101
00:04:09,910 --> 00:04:07,040
international space station for the

102
00:04:11,750 --> 00:04:09,920
expedition 30 crew they will

103
00:04:14,309 --> 00:04:11,760
wrap up their day and head to bed about

104
00:04:17,270 --> 00:04:14,319
4 30 in the afternoon central time their

105
00:04:20,789 --> 00:04:17,280
typical day begins with a wake-up call

106
00:04:23,590 --> 00:04:20,799
on board about 1am so a busy day for the

107
00:04:26,310 --> 00:04:23,600
crew and

108
00:04:28,150 --> 00:04:26,320
they again will

109
00:04:29,830 --> 00:04:28,160
talk to their flight control team later

110
00:04:31,270 --> 00:04:29,840
this afternoon to wrap up all the

111
00:04:33,590 --> 00:04:31,280
activities that they