



SPACE TO GROUND

1
00:00:05,190 --> 00:00:03,270
houston station on space to ground

2
00:00:07,190 --> 00:00:05,200
the station's front porch got a new

3
00:00:09,110 --> 00:00:07,200
addition this week

4
00:00:11,749 --> 00:00:09,120
welcome to space to ground i'm dan

5
00:00:13,589 --> 00:00:11,759
hewitt nasa's jeff williams assisted

6
00:00:15,509 --> 00:00:13,599
with the installation of a new adapter

7
00:00:17,269 --> 00:00:15,519
on the japanese experiment modules

8
00:00:19,429 --> 00:00:17,279
exposed facility

9
00:00:21,750 --> 00:00:19,439
the device will hold up to two payloads

10
00:00:23,670 --> 00:00:21,760
that can be mounted by crew members

11
00:00:25,990 --> 00:00:23,680
access through the japanese module's

12
00:00:28,070 --> 00:00:26,000
airlock the exposed facility allows

13
00:00:30,870 --> 00:00:28,080

science experiments to be continually

14

00:00:32,709 --> 00:00:30,880

exposed to the open space environment

15

00:00:34,950 --> 00:00:32,719

current payloads include a device

16

00:00:37,030 --> 00:00:34,960

searching for signs of dark matter and

17

00:00:38,709 --> 00:00:37,040

another studying cloud and aerosol

18

00:00:41,510 --> 00:00:38,719

coverage on earth

19

00:00:43,990 --> 00:00:41,520

spacex 8 is ready to fly

20

00:00:45,910 --> 00:00:44,000

the unmanned cargo craft is all set to

21

00:00:48,470 --> 00:00:45,920

launch from cape canaveral air force

22

00:00:51,430 --> 00:00:48,480

station with almost 7 000 pounds of

23

00:00:53,990 --> 00:00:51,440

cargo it'll carry equipment for dozens

24

00:00:56,069 --> 00:00:54,000

of experiments and beam the expandable

25

00:00:57,430 --> 00:00:56,079

module set to be attached to the station

26
00:00:59,670 --> 00:00:57,440
for testing

27
00:01:01,590 --> 00:00:59,680
to prepare for its arrival jeff williams

28
00:01:03,590 --> 00:01:01,600
conducted additional robotics training

29
00:01:06,149 --> 00:01:03,600
on the station as he'll be backing up

30
00:01:09,109 --> 00:01:06,159
esa astronaut tim peake for the capture

31
00:01:12,870 --> 00:01:09,119
operations check out nasa.gov

32
00:01:14,870 --> 00:01:12,880
ntv for the latest times tune in live

33
00:01:17,030 --> 00:01:14,880
this week colton asked if we could turn

34
00:01:18,870 --> 00:01:17,040
on the station's ham radio well if you

35
00:01:20,950 --> 00:01:18,880
have a ham radio of your own there's a

36
00:01:23,190 --> 00:01:20,960
chance astronauts passing overhead could

37
00:01:25,510 --> 00:01:23,200
respond to your call

38
00:01:27,670 --> 00:01:25,520

the station is equipped with a ham radio

39

00:01:30,149 --> 00:01:27,680

just like many amateur operators have

40

00:01:32,310 --> 00:01:30,159

here on planet earth some crew members

41

00:01:33,830 --> 00:01:32,320

have made random unscheduled voice

42

00:01:35,910 --> 00:01:33,840

contacts with their earthbound

43

00:01:36,950 --> 00:01:35,920

counterparts typically during a break in

44

00:01:38,950 --> 00:01:36,960

their day

45

00:01:40,630 --> 00:01:38,960

the system has also been used to reach

46

00:01:42,469 --> 00:01:40,640

countless students around the world

47

00:01:45,910 --> 00:01:42,479

through the heires program which

48

00:01:48,950 --> 00:01:45,920

celebrated its 1000th contact last month

49

00:01:50,710 --> 00:01:48,960

check out eris.org to learn more keep

50

00:01:53,109 --> 00:01:50,720

sending us your questions using the

