



1
00:00:08,629 --> 00:00:05,670
ten years ago on april 19th in 2001

2
00:00:10,629 --> 00:00:08,639
the space shuttle sts-100 launched to

3
00:00:13,509 --> 00:00:10,639
the international space station a

4
00:00:15,509 --> 00:00:13,519
relatively new facility at that time and

5
00:00:18,710 --> 00:00:15,519
in the payload bay was the beautiful

6
00:00:19,830 --> 00:00:18,720
canada arm 2 ready to begin its task on

7
00:00:25,269 --> 00:00:19,840
orbit

8
00:00:27,830 --> 00:00:25,279
space walker chris hadfield and his

9
00:00:30,710 --> 00:00:27,840
partner scott perezinski

10
00:00:34,549 --> 00:00:30,720
unfolded the arm and we maneuvered it

11
00:00:37,350 --> 00:00:34,559
over to the pdgf and installed the ssrms

12
00:00:39,270 --> 00:00:37,360
and its first task was to hand over

13
00:00:40,470 --> 00:00:39,280

the pallet that it rode up on to the

14

00:00:42,950 --> 00:00:40,480

shuttle arm

15

00:00:44,709 --> 00:00:42,960

a cousin to canada arm 2.

16

00:00:46,630 --> 00:00:44,719

as you all recall that was an exciting

17

00:00:49,510 --> 00:00:46,640

mission not because of any challenges

18

00:00:51,350 --> 00:00:49,520

necessarily with canadarm2 but because

19

00:00:53,029 --> 00:00:51,360

of the computers on board that decided

20

00:00:54,950 --> 00:00:53,039

to act up all together something we

21

00:00:56,790 --> 00:00:54,960

thought wasn't possible

22

00:00:58,310 --> 00:00:56,800

after much wrangling we finally got the

23

00:01:01,430 --> 00:00:58,320

signal squared away we were able to

24

00:01:04,710 --> 00:01:01,440

command uh canadarm2 and she handed over

25

00:01:06,550 --> 00:01:04,720

the pallet to the s to the srms

26

00:01:10,230 --> 00:01:06,560

and to successfully put the pallet in

27

00:01:11,350 --> 00:01:10,240

the bay and so began the uh the storied

28

00:01:15,030 --> 00:01:11,360

career

29

00:01:17,350 --> 00:01:15,040

of the canadarn2 on on the space station

30

00:01:19,590 --> 00:01:17,360

she is without a doubt one of the most

31

00:01:21,670 --> 00:01:19,600

critical components on board station

32

00:01:22,710 --> 00:01:21,680

having participated in the construction

33

00:01:25,270 --> 00:01:22,720

of the

34

00:01:28,310 --> 00:01:25,280

the spacecraft that's on orbit today

35

00:01:29,670 --> 00:01:28,320

some 29 missions were supported 27 of

36

00:01:31,670 --> 00:01:29,680

them shuttle

37

00:01:34,149 --> 00:01:31,680

two of them birthing capturing and

38

00:01:35,990 --> 00:01:34,159

birthing the htv vehicle

39

00:01:37,830 --> 00:01:36,000
and in all that times just been

40

00:01:40,230 --> 00:01:37,840
absolutely flawless

41

00:01:41,830 --> 00:01:40,240
uh performance and again without her we

42

00:01:42,789 --> 00:01:41,840
couldn't have gotten to where we are

43

00:01:44,789 --> 00:01:42,799
today

44

00:01:47,510 --> 00:01:44,799
so as a team you should be very very

45

00:01:48,310 --> 00:01:47,520
proud of the performance of canada arm

46

00:01:51,510 --> 00:01:48,320
2.

47

00:01:54,149 --> 00:01:51,520
i look forward to its participation in

48

00:01:56,149 --> 00:01:54,159
not only further jobs on board iss with

49

00:01:58,389 --> 00:01:56,159
construction and maintenance but also

50

00:01:59,109 --> 00:01:58,399
perhaps with research as we look forward

51

00:02:01,429 --> 00:01:59,119

to

52

00:02:03,870 --> 00:02:01,439

some some robotic servicing missions in

53

00:02:07,030 --> 00:02:03,880

the future so to your entire team

54

00:02:09,109 --> 00:02:07,040

congratulations on a job well done enjoy

55

00:02:12,070 --> 00:02:09,119

this day celebrating what should be

56

00:02:13,990 --> 00:02:12,080

great great pride that you have in this

57

00:02:16,869 --> 00:02:14,000

this wonderful creation that we have on

58

00:02:19,430 --> 00:02:16,879

board iss we look forward to many many