



*Goddard
+
Hubble*

1
00:00:00,000 --> 00:00:02,002
[jazzy music]

2
00:00:02,002 --> 00:00:07,674
Goddard's Commitment to Hubble

3
00:00:07,674 --> 00:00:15,515
[music continues]

4
00:00:15,515 --> 00:00:22,956
Dedicated on Valentine's Day
1984

5
00:00:22,956 --> 00:00:30,097
The Space Telescope Operations
Control Center (STOCC) is used
to operate the Hubble Space Telescope

6
00:00:30,097 --> 00:00:38,238
[music continues]

7
00:00:38,238 --> 00:00:46,213
Built in the early 1980s, it was
one of the most complex
satellite control centers ever developed

8
00:00:46,213 --> 00:00:54,021
It assures the health, safety,
and performance of the
telescope...

9
00:00:54,021 --> 00:01:01,495
...and its team finds ways to
prolong Hubble's life so it can
do science as long as possible

10
00:01:01,495 --> 00:01:09,102
After Hubble's launch in 1990,
it was staffed 24 hours a day, 7
days a week

11

00:01:09,102 --> 00:01:16,577

Times were particularly exciting during Hubble's five servicing missions

12

00:01:16,577 --> 00:01:24,384

Over the years, the STOCC evolved with changes to computing technology

13

00:01:24,384 --> 00:01:32,025

In 1999, Goddard upgraded the STOCC's computers from minicomputers to personal workstations

14

00:01:32,392 --> 00:01:39,833

In 2011, the STOCC utilized smartphone technology and automated processes, relieving the need for 24/7 staffing

15

00:01:39,833 --> 00:01:47,641

Today, Goddard's team members continue to operate Hubble, bringing data and images of the universe for all to ponder

16

00:01:47,641 --> 00:01:52,112

Goddard + Hubble