



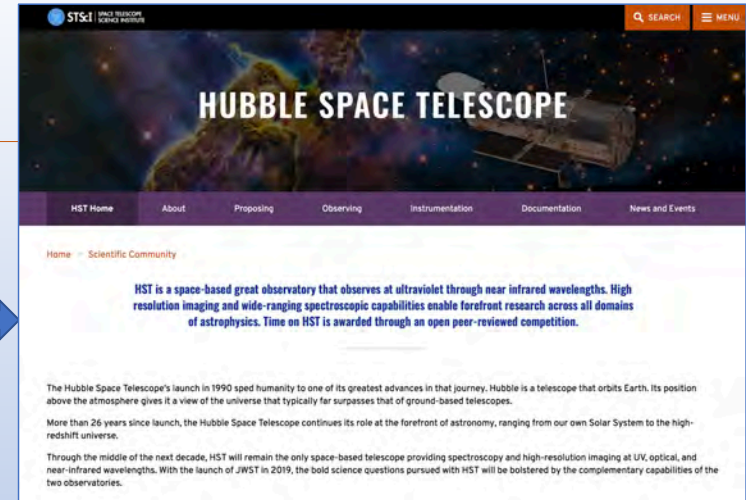
STScI | SPACE TELESCOPE
SCIENCE INSTITUTE

EXPANDING THE FRONTIERS OF SPACE ASTRONOMY

The New HST Website: Intro and Testing

Carol Christian, HST Outreach Project Scientist
[for the HST Mission Office and the Web Migration Team]

14 May 2019



Why? Website Migration

- Zope Content Management System: End of Life
- Organic unstructured growth of website content
- Difficult to navigate
- Use Jahia (Portal and Web Content Management)

HST content migration

- External content → New external website
- Documents → HDocx (hosted on a public Confluence server area)
- Internal content → Mesh *existing* internal Confluence & *prior* internal Zope content --to-- internal Confluence area
- Research etc. collaboration → *Outerspace* to 3rd public Confluence area



Observatory News

[View all News](#)

January 15, 2019

Wide Field Camera 3 Resumes Normal Operations

[Read More](#)

January 14, 2019

Cycle 27 Call for Proposals Announcement

[Read More](#)

January 09, 2019

Wide Field Camera Suspended

[Read More](#)

Resources

[SOFTWARE](#)

[MAST](#)

[GRANTS INFORMATION](#)

[PROGRAM INFORMATION](#)

[SUBMIT YOUR RESEARCH](#)

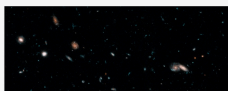
[HST SUMMARY BOOKLET](#)

[SPACE TELESCOPE LIVE](#)

[HELPDESK](#)

Press Releases

[View all HST Press Releases on Hubblesite.org](#)



May 02, 2019

Hubble Astronomers Assemble Wide View of the Evolving Universe

[Read More](#)



April 25, 2019

Mystery of the Universe's Expansion Rate Widens with New Hubble Data

[Read More](#)



April 18, 2019

Hubble Celebrates 29th Anniversary with a Colorful Look at the Southern Crab Nebula

[Read More](#)

Upcoming HST Events

<<< PLACEHOLDER EVENTS NEED TO TAG HST EVENTS >>>

[View all HST Events](#)



Rage Against the Dying of the Light: The Progenitors of Type Ia Supernovae

Speaker: Or Graur (CfA Harvard) Abstract: Type Ia supernovae (SNe Ia) have famously been used as standard candles, a use that led to the discovery that the expansion of the Universe...

[Read More](#)



Spring Colloquium Series: TBA

Speaker: Evgenya Shkolnik (Arizona State University)

[Read More](#)



Spring Colloquium Series: TBA

Speaker: Karoline Gilbert (STScI)

[Read More](#)

@HubbleTelescope on Twitter

The stars in the sky Compete in their abundance With all the sea's sands
#AstroHaiku
#HaikuChallenge
#UnderTheSea
spacetelescope.org/images/potw184...

APR 17

Smashing and crashing Galaxies tugged like taffy Two will become one
#AstroHaiku
#HaikuChallenge
hubblesite.org/image/2343

APR 17

"Multi-wavelength Delight" Combined, we shimmer: X-rays, blue-visible, green infrared light, red
#AstroHaiku
#HaikuChallenge
@chandraxray
@NASAspitzer Unwind hints of a collision: bit.ly/2HUzKMZ

APR 17

The "jellyfish galaxy," ESO 137-001, has a giant, gaseous tail of material that's been stripped away. This process may be responsible for shutting down star formation in galaxies. Read how @NASAWebb will study such galaxies in this article: bit.ly/2HKr1iB
#UnderTheSea

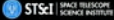
APR 17








Please Contact the HST Helpdesk with any Questions:

<https://stsci.service-now.com/hst>

Follow HST on:

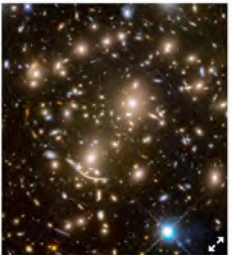




[Home](#) > [Scientific Community](#) > [Hubble Space Telescope](#) > [Instrumentation](#)

ACS



Abell 370 is a massive galaxy cluster in the middle of a field of almost 8,000 galaxies

The Advanced Camera for Surveys (ACS) is a third-generation [Hubble Space Telescope](#) (HST) instrument installed during HST Servicing Mission 3B. The ACS CCD Electronics Box and Low Voltage Power Supply incrementally failed in June 2006 and January 2007, causing the loss of the ACS Wide Field Channel (WFC) and High Resolution Channel (HRC).

The replacement components (CEB-R and LVPS-R) installed on 16 May 2009 during HST Servicing Mission 4 (SM4), successfully restored the function of the WFC but not that of the HRC. Consequently, only the WFC and the Solar Blind Channel (SBC) are available to observers.

Current Status:

HRC is not operational.

SBC is operating nominally.

WFC is operating nominally.

Web Tools and Helpful Links:

[ACS Zeropoint Calculator](#)

[ACS Photometric CTE Calculator](#)

[ACS Space Telescope Analysis Newsletters \(STANs\)](#)

Program Information

Proposal ID #

ACS Handbooks and Documentation

[ACS Instrument Handbook](#)

[ACS Data Handbook](#)

- Web structure will be similar for all instruments
- Similar to JWST (but not identical)
- Structure follows scientist workflow

ACS Instrument Resources

Instrument Design

Data Analysis

Software Tools

Performance

Calibration

Proposing

Documentation

Recently Published ISRs

Post-SM4 ACS/WFC Bias I: The Read Noise History (19-02)
March 28, 2019 | T. D. DeJardin.
[Read More](#)

The ACS/WFC G800L Grism: I. Long-term Stability (19-01)
February 28, 2019 | N. Hathi et al.
[Read More](#)

ACS/WFC Parallel CTE from EPER Tests (18-09)
December 20, 2018 | J. Ryan et al.
[Read More](#)

Focus-diverse, empirical PSF models for the ACS/WFC (18-08)
November 26, 2018 | A. Bellini et al.
[Read More](#)

Mitigating Elevated Dark Rates in SBC Imaging (18-07)
October 26, 2018 | R.J. Avila et al.
[Read More](#)

ACS Software Updates

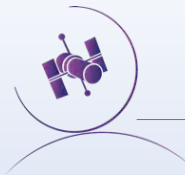
ACSTOOLS v2.0.10

- Released on Jan 31st, 2018
- Updates to ACSREJ keyword args
- Compatibility with Astropy 2.X

HSTCAL v2.0.0

- Released on Jan. 22nd, 2018
- ACSCTE: uses an amp. dependent read noise in pixel-based CTE correction.
- ACSREJ: algorithm updates handle post-flashed data more appropriately, corrected error propagation.

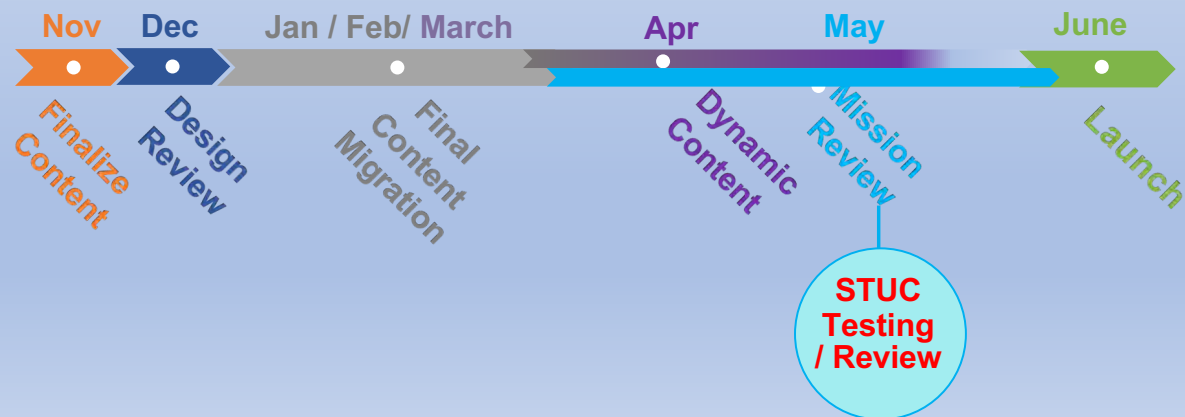
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HST Home	About	Proposing	Observing	Instrumentation	mentation	News and Events
Home > Scientific Community	Phase I	Scheduling	Advanced Camera for Surveys	Observatory News	HST Events	
	Phase II	Activating Your Target	Cosmic Origins Spectrograph			
	Approved Programs	Observing Status	Fine Guidance Sensors			
		Post-Observation	Space Telescope Imaging Spectrograph			
			Wide Field Camera 3			
			Focus and Pointing			
			Legacy Instruments			
			Reference Data for Calibration and Tools			

Organization follows research workflow

Timeline





Website Testing

Testing Objective

- Engage STUC members as representatives of external research community
- Test utility of website for HST research activities
- Focus on: intuitive characteristics
 - ease of use
 - unencumbered search for relevant information

Focus of Testing

- Main menu, secondary navigation and page navigation
 - Upper right link adjacent to the *SEARCH* link, and the horizontal top menus
- Support for the workflow
 - Proposal creation through to post-observation data analysis
- Finding amendments to instrument documentation
- Discovering the latest news and events of personal interest

Duration: 1 – 1.5 hour



Example Items to Consider

- General website appearance and capabilities
- Easier or harder than old website
- What is good, what needs improvement or change?
- How was performance?
- Is there information missing or very hard to find?
- Is it easy to understand where one is within the site and how to get somewhere else?
- Can one find more information easily?
- Was there any testing or use on mobile devices?



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Access to Website

Being arranged by ITSD

Volunteer Testers please contact

Carol Christian: carolc@stsci.edu
and

Joseph Zahn: zahn@stsci.edu