

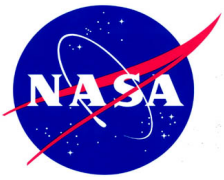
Bringing The High Energy Universe Into Focus

NUSTAR
Nuclear Spectroscopic Telescope Array

NuSTAR Calibration Schedule Update

Fiona Harrison

March 25, 2012

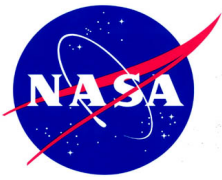


Fairing Installation



**Fairing installation –
March 2nd**

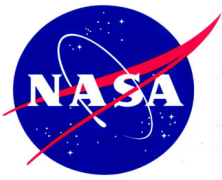




Launch Update



- Launch no later than May 29 – June 4 2012
- Calibration period: June 12 – July 4
- Joint science programs:
 - Chandra
 - SGR A* (XVP)
 - NGC 253
 - XMM (1.4 Msec)
 - Black hole spin
 - ULXs
 - Swift
 - BAT AGN
 - Magnetars
 - Suzaku
 - Cyg X-1, Her X-1 & HMXB ToO
 - NGC 4151/IC 4329A



Summary



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- NuSTAR plans 30% of its observing time joint with other missions
 - Cross calibration is critical for many science objectives
 - Specific targets of interest
 - Cyg X-1 simultaneously during IOC
 - 3C 273 with 48 hours simultaneously during IOC