

Joint Programs with Chandra

Paul Green, Chandra Director's Office

HST XMM NOIRLab AUI NuSTAR Swift

CX04JPO

units	orbits	ksec	per_tel	hours	ksec	ksec
GO	100	400	5%	3%	500	500
V/LP	150	600	.	.	500	.
Total	250	1000	.	.	1000	.

JPO4CXO (ksec)

GO	400	400	.	120	.	.
Large	600	600
Total	1000	1000	.	120	.	.

Joint Program with JWST!

- CDO had inquired about a possible joint program as early as 2016 to STScI Associate Director for Science, Neill Reid
- JWST wanted to see successful start of Cycle 1 observations before committing.
- Neill Reid recently got back in touch.
- They are interested in a joint exchange for GO (not Large) Projects only for their Cycle 2
- Need to suggest an appropriate exchange. How much Time? ToOs?
- JWST Cycle 2 AO goes out mid-November

Sizing a Joint Program with JWST

- JWST Cycle 1 has ~6,000 hrs GO time (21Msec)
- Our unallocated time is about 15.5Ms for Cycle 24

Crudely:

HST allocated up to 2700 orbits in their last (cycle 29) AO, so Chandra's max (GO) share of that is about $100/2700 = 3.7\%$ for 400ks = 2.5% of Chandra time in return.

Consider similar fractions for JWST?

Other Concepts?