



Smithsonian Institution Archives

Assignment/Support Requests  
and Drawings, 1984-2000

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## Collection Overview

<b>Repository:</b>	Smithsonian Institution Archives, Washington, D.C., <a href="mailto:osiaref@si.edu">osiaref@si.edu</a>
<b>Title:</b>	Assignment/Support Requests and Drawings
<b>Identifier:</b>	Accession 05-075
<b>Date:</b>	1984-2000
<b>Extent:</b>	70.19 cu. ft. (3 record storage boxes) (67.19 non-standard size boxes)
<b>Creator:::</b>	Smithsonian Astrophysical Observatory. Central Engineering Department
<b>Language:</b>	English

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## Administrative Information

### Preferred Citation

Smithsonian Institution Archives, Accession 05-075, Smithsonian Astrophysical Observatory. Central Engineering Department, Assignment/Support Requests and Drawings

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## Descriptive Entry

This accession consists of Assignment/Support Requests. For projects funded through the Smithsonian Astrophysical Observatory (SAO), the mechanism for formally requesting engineering support is to submit a form called an "Assignment/Support Request" (ASR). An ASR functions both as an internal purchase order for engineering services, and as a planning document for engineering management. It serves the SAO Controller's Office as a funds obligation document, and the project Principal Investigator or Program Manager as a vehicle both for describing the engineering support required, and for negotiating specific staff assignments and project schedules with the Engineering Manager.

In addition to the ASR materials there are schematics and drawings of NASA's Chandra X-Ray Observatory (formerly the Advanced X-ray Astrophysics Facility or AXAF) and the High Resolution Camera (HRC) developed for it. Both the AXAF and HRC were projects SAO worked on. For related materials please see Accessions 05-007 and 06-075. Some materials are in electronic format.

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## Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

### Subjects:

Astronomical photography  
Astrophysics  
Engineering

X-ray astronomy

Types of Materials:

Drawings  
Electronic records  
Floppy disks  
Manuscripts

Names:

Advanced X-Ray Astrophysics Facility (U.S.)  
Chandra X-ray Observatory (U.S.)

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## Container Listing

### Box 1

Box 1 of 128	FY 1991 TAR (Time and Attendance Report) changes
Box 1 of 128	FY 1992 Timesheets & TAR's
Box 1 of 128	FY 1992 Preliminary ASR's (Assignment/Support Requests)
Box 1 of 128	FY 1992 ASR's - CE2AASET
Box 1 of 128	FY 1992 ASR's - CE2BTMAN
Box 1 of 128	FY 1992 ASR's - CE2CHIID
Box 1 of 128	FY 1992 ASR's - CE2FISC1
Box 1 of 128	FY 1992 ASR's - CE2FISC2
Box 1 of 128	FY 1992 ASR's - CE2HADET
Box 1 of 128	FY 1992 ASR's - CE2HAXAF
Box 1 of 128	FY 1992 ASR's - CE2HAXF1
Box 1 of 128	FY 1992 ASR's - CE2HEXIT
Box 1 of 128	FY 1992 ASR's - CE2HHRCX
Box 1 of 128	FY 1992 ASR's - CE2HHRC4
Box 1 of 128	FY 1992 ASR's - CE2HLEAP
Box 1 of 128	FY 1992 ASR's - CE2HNIXT
Box 1 of 128	FY 1992 ASR's - CE2HOHRC
Box 1 of 128	FY 1992 HRC (High Resolution Camera) Projections
Box 1 of 128	FY 1992 ASR's - CE2HHRCY

Box 1 of 128	FY 1992 ASR's - CE2HHRC2
Box 1 of 128	FY 1992 ASR's - CE2HHRC3
Box 1 of 128	FY 1992 ASR's - CE2H0HXI
Box 1 of 128	FY 1992 ASR's - CE2HOIPC
Box 1 of 128	FY 1992 ASR's - CE2OFIRS
Box 1 of 128	FY 1992 ASR's - CE2OIRAC
Box 1 of 128	FY 1992 ASR's - CE2OMMTC
Box 1 of 128	FY 1992 ASR's - CE2OMMTS
Box 1 of 128	FY 1992 ASR's - CE2OSPEC
Box 1 of 128	FY 1992 ASR's - CE2OSSPM
Box 1 of 128	FY 1992 ASR's - CE2OSWAS
Box 1 of 128	FY 1992 ASR's - CE2PREPR
Box 1 of 128	FY 1992 ASR's - CE2RPNTS
Box 1 of 128	FY 1992 ASR's - CE2RSUBM
Box 1 of 128	FY 1992 ASR's - CE2RSMCS
Box 1 of 128	FY 1992 ASR's - CE2RTWEP
Box 1 of 128	FY 1992 ASR's - CE2SSOHO
Box 1 of 128	FY 1992 ASR's - CE2SSPTN
Box 1 of 128	FY 1992 ASR's - CE2OIOTA
Box 1 of 128	FY 1992 ASR's - CE2ONCMS

Box 2

Box 2 of 128	FY 1992 ASR's - CE200M07
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Box 2 of 128	FY 1992 ASR's - CE200M08
Box 2 of 128	FY 1992 Miscellaneous TAR's
Box 2 of 128	Rev. G.1 CTC (Cost-to-Complete) file copies, 10/1991
Box 2 of 128	Rev. G CTC file copies, 10/1991
Box 2 of 128	Rev. F CTC file copies, 10/1991
Box 2 of 128	Miscellaneous CTC file copies, 10/1991
Box 2 of 128	XCCD Schematics, data files generated by Bob Cook (3 folders) (includes electronic records)
Box 2 of 128	XCCD Revision 1, Artwork Revision 1 - A2L, Inc. (includes electronic records)
Box 2 of 128	HRC S/C Power Filtering - A2L, Inc. (includes electronic records)
Box 2 of 128	AXAF 7533 PL., Specification, Procedure and Plans (10 folders)
Box 3	
Box 3 of 128	HRC Schematic and Artwork, CCB Masters/Plans (37 folders)
Boxes 4-5	
Boxes 4-5 of 128	AXAF 7533 B, C size and roll drawings (additional drawings in oversize)
Boxes 6-8	
Boxes 6-8 of 128	AXAF 7533 D, E size drawings (additional drawings in oversize)
Boxes 9-13	
Boxes 9-13 of 128	HRC and 6473 Drawings (additional drawings in oversize)
Box 14	
Box 14 of 128	J-Size original drawings for NIXT and 7080-EXITE

Box 15

Box 15 of 128 UVCS-SPXXXX scanned drawings (additional drawings in oversize)

Boxes 16-17

Boxes 16-17 of 128 J-size original drawings, UVCS/SP 23 numbers, sketches, scanned

Boxes 18-19

Boxes 18-19 of 128 J-size original drawings, 17-numbers-IR Balloon; 6452 3-Meter Balloon

Boxes 20-21

Boxes 20-21 of 128 J-size original drawings, 7719-SHAO, MAS-MASER, SM-SPACE MASER

Boxes 22-23

Boxes 22-23 of 128 J-size original drawings, 7690-ROSAT, CCD/XRI

Boxes 24-26

Boxes 24-26 of 128 J-size original drawings, 6473-HRC, 6435-Advanced Detector

Boxes 27-30

Boxes 27-30 of 128 J-size original drawings, Lamar 7611

Boxes 31-33

Boxes 31-33 of 128 J-size original drawings, Lamar 7611-Lamar Reductions (additional drawings in oversize)

Boxes 34-37

Boxes 34-37 of 128 J-size original drawings, 6388-FIRS-2, 3M telescope, OAKR-Oak Ridge, DESP-DECASPEC, IOTA-IOTA, SOHO-SOHO, MIRAC-4058

Boxes 38-44

Boxes 38-44 of 128 Space Maser drawings, scanned (additional drawings in oversize)

Boxes 45-60



Boxes 45-60 of 128      Various old project drawings, scanned

Boxes 61-96

Boxes 61-96 of 128      Old Harvard Drawings

Boxes 97-102

Boxes 97-102 of 128      CNSX / HXRT / MIRSI / PTE / EXCITE 2 / XCCD / HIREX / ASTRO / HTXS / PAPA / 7080 / AFOE / IOTA drawings

Boxes 103-113

Boxes 103-113 of 128      SAO IOTA/ 3 METER BALLOON / IOTA / DESP / MIRAC / SPEC / NYSTROM / SMEX / LAMAR DETECTORS / SWAT / TBX drawings

Boxes 114-126

Boxes 114-126 of 128      NIXT / SOHO / OAKR / EICHELLE / SCMS / LAMAR IPC / JLF / DARPA / VLB MASER / HEP / HEAO 1000 / MMT SITE drawings

Box 127

Box 127 of 128      AXAF 7533 B, C size and rolled drawings (8 folders) (additional drawings in oversize)

Box 127 of 128      6473 Drawings: 6473 to 7001, Size B

Box 128

Box 128 of 128      6473 Drawings: 6473 to 7001, Size B

Box 128 of 128      UVCS-SPXXXX scanned drawings, B size drawings (additional drawings in oversize)

Box 128 of 128      J-size original drawings, Lamar 7611 - Lamar reductions (additional drawings in oversize)

Box 128 of 128      Space Maser drawings (2 folders) (additional drawings in oversize)

Oversize

- Oversize AXAF 7533 B, C size and roll drawings (4 folders, additional drawings in boxes 4-5, 127)
- Oversize AXAF 7533 D, E size drawings (17 folders, related drawings in boxes 6-8)
- Oversize HRC and 6473 drawings (57 folders, additional drawings in Boxes 9-13, 127-128)
- Oversize UVCS-SPXXXX scanned drawings (6 folders, additional drawings in Boxes 15, 128)
- Oversize J-size original drawings, Lamar 7611-Lamar Reductions (8 folders, additional drawings in Boxes 31-33, 128)
- Oversize Space Maser drawings, scanned (4 folders, additional drawings in Boxes 38-44, 128)