Issue No 1	**DECLARED PROCESSES LIST**	**XMM-OM/MSSL/SP/0130**

PROJECT: X-RAY MULTIMISSION (XMM)
EXPERIMENT: OPTICAL MONITOR
EXPERIMENTERS: MULLARD SPACE SCIENCE LABORATORY (MSSL)
DEPT OF PHYSICS, UNIVERSITY OF CALIFORNIA, SANTA BARBARA (UCSB)
CENTRE SPATIAL DE LIEGE (CSL)
PREPARED BY: A P Dibbens

Itm No	Process	Specification	Description/ identification	Use and location	User code	Associated DML items	Criticality of process	Approval Status	ESA Comments
1.	Scotch Weld 1838	Commercial product 2 part, epoxy adhesive. 3 M's Adhesive Supplies	Epoxy adhesive 2 part 1:1 cure 4 hrs @ 60 C	Lacing cord knots	MSSL	10-01	Non-critical		
2.	Hand soldering	ESA PSS-01-708	Soldering of screens to crimps	Connectors	MSSL	07-01	Non-critical		
3.	Crimp connections	ESA PSS-01-726	Fabrication of wiring harnesses	Connectors	MSSL		Non-critical		
4.	Heat shrink sleeving	Raychem RT-876	Securing outer sheaths, also protection against bending and abrasion	Any part of the harness	MSSL	20-02	Non-critical		

1. INTRODUCTION

This document identifies the processes that will be used in the XMM-OM 3 STM.

2. REFERENCE DOCUMENTS

XMM-OM/MSSL/SP/0031	Product Assurance Plan
XMM PX-RS-0017	Product Assurance Requirements for XMM Experiments
ESA PSS-01-70	Materials and Process Selection and Quality Control
ESA PSS-01-700	The Technical Reporting and Approval Procedure for Materials and Processes

3. QUALITY LEVELS

Processes shall be defined on the relevant detail drawings.

4. TABLE DESCRIPTION FOR THE DECLARED PROCESSES

The format of the processes table is broadly as described in ESA PSS-01-700, The Technical Reporting and Approval Procedure for Materials and Processes.

4.1 Categories

Only non-critical processes are applied to the Optical Monitor.

4.2 Column Description

1. Item number
2. Process
3. Specification
4. Description/identification
5. Use and location
6. User code
7. Associated DML items
8. Criticality of process
9. Approval status
10. ESA comments

CHANGE RECORD

ISSUE	DATE	PAGES CHANGED	COMMENTS
01	15 April 1997	All New	

CONTENTS

1. INTRODUCTION

2. REFERENCE DOCUMENTS

3. QUALITY LEVELS

4. TABLE DESCRIPTION FOR THE DECLARED PROCESSES

PROCESSES TABLE

XMM Optical Monitor

MULLARD SPACE SCIENCE LABORATORY
UNIVERSITY COLLEGE LONDON **Author: A P Dibbens**

OM3 STM DECLARED PROCESSES LIST

Document Number: XMM-OM/MSSL/SP/0130.01 15 April 1997

Distribution:

XMM-OM Project Office	R Hunt	Orig.
ESA PX	H Eggel	
CSL	P Rochus	
	S. Roose	
UCSB	T Sasseen	
Royal Greenwich Observatory	R Bingham	
University College London	J Fordham	
Mullard Space Science Laboratory	N Bray	
	R Card	
	M Carter	
	R Chaudery	
	A Dibbens	
	J Holmes	
	H Huckle	
	H Kawakami	
	T Kennedy	
	T Patrick	
	D Self	
	P Smith	
	P Thomas	
	M Whillock	
	J Lapington	
	K Mason	
	A Smith	

Author: Date:

OM Project Office Date:

Distributed: Date: