XMM-OM IMAGE INTENSIFIERS

QUALITY ASSURANCE CO-ORDINATOR

1. INTRODUCTION

The performance, life and integrity of the image intensifiers (reference XMM-OM/MSSL/SP/0120) are crucial to the success of the Optical Monitor experiment on the XMM mission.
Photek have been awarded the contract to make these devices and part of that contract is the appointment by MSSL of a Quality Assurance Co-ordinator. The job description for this post is detailed below and it is envisaged that the outcome of these activities will be beneficial both to Photek and MSSL.

2. DUTIES

2.1 To help Photek in the preparation of their Quality Plan for the fabrication and testing of the intensifiers. This will involve the identification and detailing of any fabrication and testing processes and procedures that do not already exist and any adjustments to existing procedures required to fulfil this contract. Any practical help that can be extended to Photek in authoring the documents will be provided.

2.2 To monitor, as far as is practical, all the processing and routine testing of all the intensifiers (including sub-assemblies and parts) that will be prepared for this contract, ensuring that the procedures specified in the Quality Plan have been rigorously followed.

2.3 To witness all tests that are identified as critical to the performance of the intensifiers.

2.4 To monitor progress against Photek’s schedule and report this regularly to MSSL.

2.5 To report back speedily to MSSL any technical worries that may occur at any time during the processing sequences.

2.6 To prepare a monthly report on the status of the project.

3. GENERAL

Attendance at Photek is anticipated to be at least 2 days per week, although this will vary depending on the project’s requirements. Suitable transport will be provided to the post holder by MSSL.

This position will exist for the duration of the contract with Photek.

XMM Optical Monitor

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Q A Co-ordinator - Photek

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