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Section 8 – Testing Phase

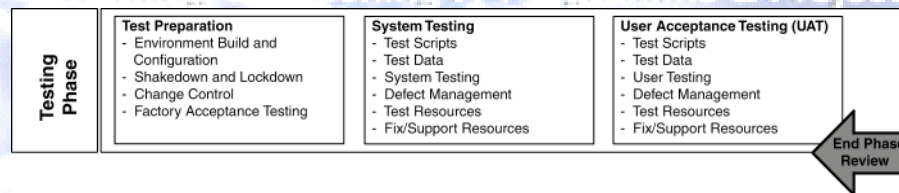
**THE MUST HAVE BOOK
for IT Programme & Project Managers**

Author: Ian Tomkins, IT Programme Manager

8. Testing Phase

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Figure 21 – Testing Phase



8.3 Introduction

This section covers the testing phase of the programme or project. The testing phase is heavily reliant on the quality and accuracy of both the requirements phase and the design phase.

The testing will be driven by the detailed design for some aspects and the detailed requirements for other aspects, but the final key driver is always the aim to meet and deliver to the requirements documents.

Testing is a complex and time consuming phase of the project, pressure will be bought to bear to progress this work as quickly as possible. It is important that any pressure to reduce the time and or testing is strongly resisted; any failure to fully test aspects of the delivery will result in live production issues and customer impact.

This section covers the following sub-sections;

- Environments
- Shake Down
- Unit Testing
- Factory Acceptance Testing
- System Testing
- User Acceptance Testing
- Compressed Business Days
- Automated Testing
- Defect Management
- Operational Acceptance Testing
- Production Proving
- Penetration Testing
- Denial of Service Attack
- Sign-Off

8.4 Testing

Why testing, objectives, proving, tracking?

Author: Ian Tomkins, IT Programme Manager

Testing is an essential part of any programme or project. But for it to be carried out correctly and effectively it has to be driven from the



various Business Requirements documents and Logical Design documents.

As stated in the 'Requirements' section of this manual, the many hundreds of individual business requirements must be uniquely referenced to support testing. For every unique business requirement there should be an owner and an associated test script to prove that the requirement has been tested and passed.

To ensure that all aspects of the system are fully tested you must ensure that.....

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