MRS S C GOULTY
FINANCE & SECRETARIAT (NUCLEAR)1

D/DGSM/CSSE/Sec(Nuc) 5/143

DPA

Defence Procurement Agency
DGSM/CSSE
Defence Procurement Agency,
Ministry of Defence
Rowan 1a, #164
MOD Abbey Wood
Bristol, BS34 8JH

Switchboard: 0117 91 3000

Mr R Evans
6 Birtwhistle House
150 Parnell Road
LONDON
E3 2JY

16 June 1999

Dear Mr Evans

REQUEST FOR DOCUMENTS - PQ 84348

The documents you requested in your letter of 30 May are enclosed. I have had to use two boxes, and have enclosed a copy of this letter in each box. This is Box One of Two.

If you wish to make a complaint that your request for information has not been properly dealt with, you should appeal to The Ministry of Defence, OMD 14, Rm 617, Northumberland House, Northumberland Avenue, London WC2N 5BP. You may at any time register a complaint with the Parliamentary Commissioner for Administration (the Ombudsman) through your Member of Parliament, but the Ombudsman will expect you to have exhausted the internal Ministry of Defence complaints procedure first.

Yours sincerely
Sarah Goulty

S C GOULTY

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Yours sincerely
Sarah Goulty

S C GOULTY

UNCLASSIFIED

D/CSSE/NUC/0039/1013/4047

GLOS 854

PROCUREMENT EXECUTIVE
MINISTRY OF DEFENCE

DIRECTOR NUCLEAR PROJECTS

[redacted]

UK TRIDENT RBA PROCUREMENT PLAN

VOLUME 13

TECHNICAL CONTROL PLAN

ISSUE 7

December 1997

AD PROJ(Nuc)
Rowan 0a
MOD AbbeyWood #172
PO Box 702
BRISTOL BS34 8JH

D/CSSE/Nuc/0039/1013/4047
PROC PLAN VOL 13
ISSUE 7

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Approved for Issue

AMENDMENT RECORD

AMNDT NO	TO PART	DATE	INITIALS

D/CSSE/Nuc/0039/1013/4047
PROC PLAN VOL 13
ISSUE 7

UK TRIDENT RBA PROCUREMENT PLAN

The UK Procurement Plan consists of a number of separate, but inter-related publications. Each separate publication is identified by a "Volume Number" of the Procurement Plan as promulgated by DWD(Nuc)/BE/100. Distribution of each volume is controlled by AD/Proj(Nuc) as Trident Project Manager on behalf of DG(Nuc).

The Procurement Plan consists of the following volumes:-

Vol. No.	
1	Management Plan
6	Production Cost Plan
7	UK Trident Logistics Procedure
8	Safety and Approval Policy and Procedures
9	Performance Technical Requirements
11	Environmental Definition Document
13	Technical Control Plan (This Volume)
14	In-Service Support Plan
18	Trident Reliability Plan
19	QA Policy and Requirements
25	Project Definition Document
26	Agreed Characteristics

For the latest Procurement Plan Status see reference DC(Nuc)BFD/15/8/27.

CONTENTS

CONTENTS

ABBREVIATIONS AND ACRONYMS

AD/Proj(Nuc)	Assistant Director Projects Nuclear
CMD	Configuration Management Document
CAP	Compatibility Assessment Plan
CCN	Contract Change Note
DA	Design Authority
DG(Nuc)	Director General (Nuclear)
CESO(N)	Chief Environment & Safety Officer (Navy)
DEF STAN	Defence Standard
DOD	Department of Defence (US)
DOE	Department of Energy (US)
D(Nuc)P	Director Nuclear Projects
DR	Disposition Reply
DSWS	Director Strategic Weapon Systems
EUR	Emergency Unsatisfactory Report
GIE	Government Issued Equipment
HQ	Headquarters
ISS	In Service Support
LMMS	Lockheed Martin Missile Systems
MRB	Materiel Review Board
MRI	Master Record Index
ND	Notice of Disposition
NORC	Nuclear Ordnance Record Card
NWMC/T	Nuclear Weapons Modification Committee/Trident
NWRO	Nuclear Weapons Retrofit Order
OB	Ordnance Board
PA	Production Authority
PCP	Product Change Proposal
PP	Production Permit
PTR	Performance Technical Requirement
PDS	Post Design Service
PM	Project Manager
PQAO	Project Quality Assurance Officer
QA	Quality Assurance
QAA	Quality Assurance Authority
QAR	Quality Assurance Representative
RAMTAP	Radio-Active Materials Transport Advisory Panel
RB	Re-Entry Bodies
RD	Request for Disposition
RES	Re-Entry System
RNAD	Royal Naval Armament Depot
SLA	Service Life Assessment
SLAC	Service Life Assessment Committee
SPALT	Strategic Systems Projects Alteration
SPS	Specialist Procurement Services
SSBN	Ship Submersible Ballistic Nuclear
SSE	Surface Support Equipment
STS	Stockpile to Target Sequence
SWOP	Strategic Weapon Ordnance Procedure
TFC	Trident Freeze Committee
TRC	Trident Review Committee

US	United States
UK	United Kingdom
UK PA	United Kingdom Production Authority
WSC	Warhead Safety Committee

REFERENCE DOCUMENTS

CMD01 - UK Trident Reentry System Joint US/UK Configuration Management.

DEF STAN 05-61 Part 1 - Concessions and Production Permits.

DEF STAN 05-123 - Technical Procedures for the Procurement of Aircraft, Weapon and Electrical Systems.

OD 57251 Vol 2 - Master List of United States Furnished W76(Mk4) Technical Documentation.

Performance Technical Requirement - Procurement Plan Volume 9.

SWOP 5-8 - Unsatisfactory Reports.

D/DC(Nuc)ALD/27/1/9 - Policy and Procedures for the Trident Nuclear Weapons Modifications Committee.

D/DC(Nuc)ALD/27/1/10 - Preparation and Approval of UK Trident Modification Leaflets.

D/DC(Nuc)ALD/9/33/10 - UK UR Board management, functions and objectives.

DISTRIBUTION

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AD/Proj(Nuc)	1
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PM/T PMIS C31 AWE(A)	17
T/PQAR C31 AWE(A)	1
SPS/Q14A	2
CESO(N) ES333	1
DSWS/STRAT(LOG)1A	1
SP28	1
LMMS	2
DOE/WPD/ALO	2
LANL	1
SNL	1

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PART 1

POLICY AND PROCEDURES FOR

CONFIGURATION CONTROL

OF THE UK TRIDENT RES

1. DESIGN FREEZE

1.1 SCOPE

This section defines the detailed procedures for Freezing the Trident RES Design package and the objectives, membership and method of operation of the committees involved.

1.2 FREEZE PROCEDURE

1.2.1 For the Trident RES, the Freeze procedure will begin with a Design Review by the Contractors Project Manager of an assembly as defined by an MRI or subsidiary MRI. At this design review, a check list will be used to formally document the systematic critical study of the design and record any areas of concern.

1.2.2 After the Contractors and MoD design reviews, the Contractor will be responsible for submitting the formal freeze submission for the design of each component within the MRI to the MoD Freeze Committee. These submissions will be in the form of check lists and will make reference to all supporting evidence.

1.2.3 D(Nuc)P will grant permission to freeze only on the recommendation of the Trident Freeze Committee. After this has been given, the control of the design will immediately pass to the NWMC/T.

1.3 HQ DESIGN REVIEWS

1.3.1 The objectives of HQ Design Reviews are to ensure that:-

(i) The design specification has been agreed.
(ii) The design meets the requirement.
(iii) The design can be produced, inspected, tested, installed, operated and maintained in a way which is satisfactory to the Approval Authority, taking into account time and cost constraints and programme penalties.

1.3.2 The build standard of the package to be reviewed must be defined by an MRI or subsidiary MRI.

1.3.3 A Design Review check list (TRI/CM/1) will be used to formally document and record the design status. The DA will respond to the check list and will prepare a statement of their proposals before the meeting in order to allow the members to study these in detail. The check list (TRI/CM/1) is shown in Annex A of Pt 1.

1.3.4 Membership:-

AD/Proj(Nuc)	Chairman
Proj(NUC)T3	Technical Co-ordination
Proj(Nuc)S	Quality Assurance
Proj(Nuc)T2	Production/procurement
CESO(N)	

This representation may be supplemented, depending on subjects under review, by:-

Naval Staff
RAMTAP
US DOD rep.
US DOE rep.
DSWS
Design Authority
Production Authority
WSCC
SPS/Q14A

1.3.5 Method of Operation:-

(a) Initially, the DA will address the check list (TRI/CM/1) and provide any statement they may wish to be considered along with supporting evidence.

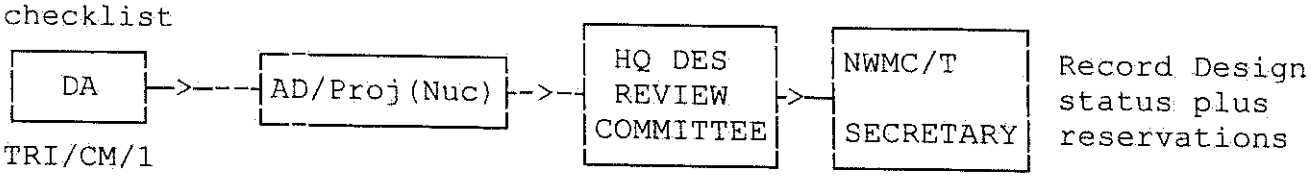
(b) The relevant information will be forwarded to the NWMC/T Secretary and subject to satisfactory assessment a formal meeting will be held.

(c) At the design review it is expected that the DA will be adequately represented at a level capable of answering detailed questions, the actual representation is the responsibility of the DA.

(d) The DA will make a statement in support of the submission being reviewed and will be required to answer any questions which may arise.

(e) The Secretary will record any areas where incomplete or unsatisfactory answers have been given. This record will identify future actions needed to ensure that the submission for freeze will be completed.

1.3.6 Procedure.



1.4 FREEZE COMMITTEE

1.4.1 The objectives of the Freeze Committee are to ensure that:-

(i) The design submitted meets the Performance Technical Requirements (PTR).

(ii) Any risks associated with the production of the design are quantified and are acceptable.

(iii) There is adequate supporting documentation to define the design and how it is to be used and maintained.

1.4.2 The DA will provide information, as required by the Freeze Committee check list - TRI/CM/2 (shown in Annex B), to the Committee. In addition, the DA will provide the US with the information required by the Compatibility Assessment Plan (CAP). This information will be used by the US in assessing the impact on the Final Compatibility Assessment Report (FCAR).

1.4.3 Membership:-

AD/Proj(Nuc)	Chairman
Proj(Nuc)S	Quality Assurance
Proj(Nuc)T1	Approval Authority
Proj(Nuc)T2	Production/Procurement
Proj(Nuc)T3	Secretary
F&S(Nuc)	Finance
CESO(N)	

The DA will be invited to make a formal presentation of any evidence they may wish to bring to the attention of the Committee. The Chairman may co-opt members for specific freeze aspects.

1.4.4 Method of Operation:-

(a) The DA will respond fully to the Freeze Committee check list (TRI/CM/2) and where applicable, provide a Certificate of Design.

(b) The DA will distribute the Formal Freeze submission for consideration by the Committee.

(c) The Chairman will decide when the meetings will be held based on the availability of the complete submissions and the programme requirements.

(d) The Committee will recommend to D(Nuc)P, via the Freeze submission accept/reject form (TRI/CM/3 - Annex C) together with a MOD form 714C, that the design submitted may be Frozen, but if rejected, the TRI/CM/3 form will be returned to the DA with the Committee's comments and no 715C form will be raised.

(e) When the DA is required by the Committee to modify the design package as a condition of acceptance, the 715C form will only be issued after completion of a submission to NWMC/T prepared and processed in accordance with D/DC(Nuc)/ALD/27/1/9.

(f) The procedure for freezing and controlling design submissions containing voids is shown at Annex D.

(g) The NWMC/T Secretary will prepare MOD forms 714C for NWMC/T Chairman's signature.

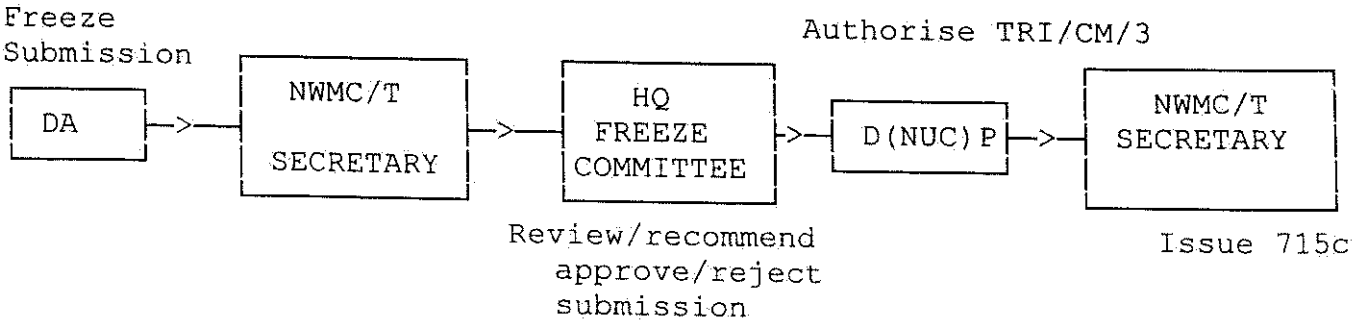
1.5 THE FREEZE AUTHORITY

1.5.1 The Freeze Authority is D(Nuc)P who will grant permission to Freeze, subject to a satisfactory recommendation from the Freeze Committee.

1.5.2 Upon the return of the approved TRI/CM/3 and 715C forms, the DA will take the necessary action to change the issue of the design package from Chill to Freeze.

1.5.3 Immediately D(Nuc)P has granted permission to Freeze the design package it shall be considered Under Ministry Control and further changes shall only be approved by the Chairman of the NWMC/T.

1.5.4 Procedure.



2. CONFIGURATION CONTROL

2.1 MODIFICATION PROPOSALS

Modification proposals for frozen designs will be controlled as stated in Paragraph 3, Post Freeze Review.

2.3 MODIFICATION DEFINITION & CLASSIFICATION

2.3.1 A design change is acceptable as modification when it affects one or more of the following:-

(a) Safety,
(b) Operational use.
(c) Reliability/Maintainability
(d) Costs and/or delivery dates.
(e) Changes to special tools or SSE.
(f) Interchangeability.
(g) any other specified MOD requirement.

2.3.2 All amendment proposals to frozen designs will be considered by the NWMC/T, but generally their purpose must primarily be to:

(a) Eliminate drawing or typographical errors.
(b) Make minor manufacturing processing changes.
(c) Bring design records in line with manufacturing practices.

2.3.3 The Modification classification system to be used by the NWMC/T will be based on DEF-STAN 05-123.

2.3.4 Re-identification of items will be mandatory where modifications affect interchangeability.

Interchangeability in this context will include but is not limited to :-

(a) Physical fit.
(b) Functional performance.
(c) Interface features.
(d) Safety aspects.
(e) Service Depot use.

2.3.5 The introduction of approved modifications will be authorised by MOD Form 715C if interchangeability is not affected. If interchangeability is affected, then introduction of such modifications will be accompanied by a contract amendment.

2.3.6 Approved modifications which require retrospective action will be implemented by a Modification leaflet prepared by the DA in accordance with D/DC(Nuc)ALD/27/1/10.

2.4 NUCLEAR WARHEAD MODIFICATION COMMITTEE/TRIDENT

2.4.1 The objectives of the NWMC/T are to ensure that:-

(a) The frozen design is well documented.
(b) The introduction of any modification will not invalidate any Approval Stage.
(c) Only modifications necessary to maintain the requirements of the PTR are introduced.
(d) Procedures for the introduction of modifications are formally controlled.
(e) Records are properly maintained.

2.4.2 The function of the NWMC/T is to examine in depth all proposed modifications and amendments to the frozen design, to decide if and when to implement them and to authorise a Minimum Build Standard.

2.5 NWMC/T MEMBERSHIP

2.5.1 The Membership of this Committee will vary according to the subjects under discussion and the "need to know".

Members:-

AD/Proj(Nuc)	Chairman
Proj(Nuc)S & T	
CB/Nuc 32	Contracts
F&S (Nuc)	Finance
Proj(Nuc)T3	Secretary
DSWS	
CESO(N)	

Representation from:-

Production Authority
Design Authority

The Chairman may co-opt Members for specific requirements.

2.6 NWMC/T METHOD OF OPERATION

2.6.1 The policy, terms of reference and requirements for t NWMC/T are defined in D/DC(Nuc)/ALD27/1/9.

3. POST FREEZE REVIEW

3.1 SCOPE

This Section defines the procedures by which design change proposals are appraised and introduced during the "Production" and "In Service" phases of the Project.

3.2. DESIGN MODIFICATION PROPOSALS

3.2.1. Design change proposals shall be submitted initially to the TRC by CCN for approval. The TRC will be responsible for tasking the responsible authority to prepare a modification submission to the NWMC/T. Modification submissions to the NWMC/T for UK designed and manufactured items, will be controlled as shown at para 3.2.8.

3.2.3 SPALT/NWRO implementation for RBA Flight hardware and SSE appertaining to US DOD procured items, will be controlled in accordance with CMD-01 Annex 301.

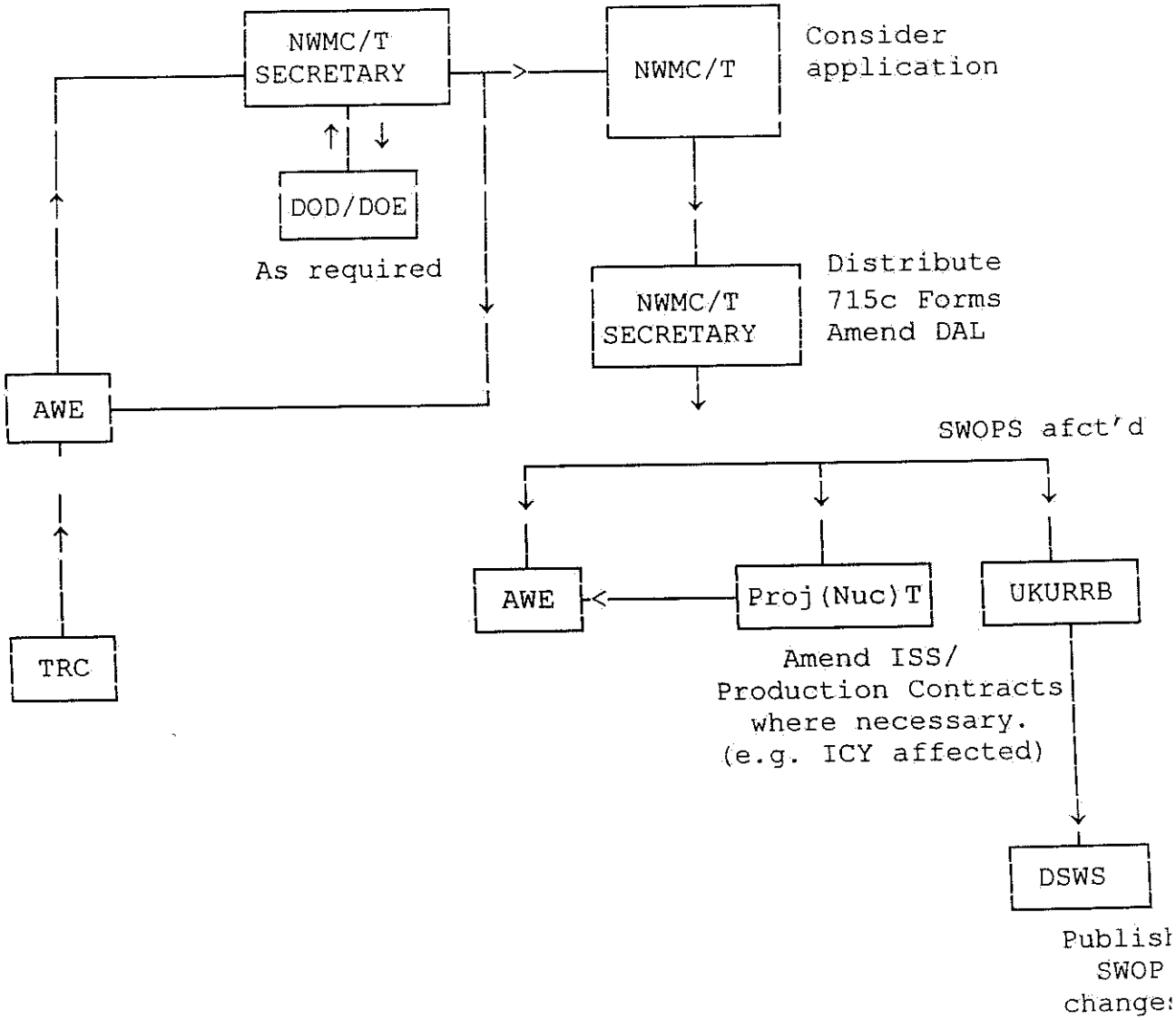
3.2.4 PCP/NWRO implementation for RBA Flight hardware and SSE appertaining to DOE procured items, will be controlled in accordance with CMD-01 Annex 306.

3.2.5 All other changes to Flight Hardware and SSE procured from the US and signalled by changes to OD 57251 Vol 2, will be reviewed and examined by AWE. Results of the review shall be documented in compliance with CMD-01 Annex 308. Any work identified by the review will be presented to the TRC with a request for formal tasking to prepare a submission to NWMC(T).

3.2.6 Similarly changes to US Production documentation (O&I's etc.) used as source documentation by the UK DA and signalled by changes to OD 57251 Vol 2, will be reviewed and examined by AWE. Results of the review shall be documented in compliance with CMD-01 Annex 308. Any work identified by the review will be presented to the TRC by CCN with a request for formal tasking to prepare a submission to NWMC(T).

3.2.7 Design changes to US DOE Test Equipment shall be in accordance with CMD-01 Annex 103.

3.2.8 Procedure



3.4 THE TRIDENT REVIEW COMMITTEE

3.4.1 The Trident Review Committee (TRC) Proj(Nuc)T, will act on behalf of the Trident Project Manager.

The TRC is the focal point for:-

(i) Co-ordination of contractors proposals for modification to the frozen design.

(ii) Tasking the contractor to prepare modification proposals for NWMC/T consideration.

(iii) Co-ordination of US required modifications to US supplied hardware/test equipment.

(iv) Review of reports from the MRB for modification implications and tasking the contractor to prepare modification proposals for NWMC/T consideration.

(v) Review of requests for modification action arising from sources identified in Annex E.

(vi) Monitoring progress of Contractor performance in responding to and completing authorised tasking.

(vii) Additional tasking of the contractor in support of ISS activities including Feasibility Studies, Design and Freeze of new equipment's, specification amendments etc, as required by the Trident Project Manager.

3.4.2 The activities and interrelationships with the TRC are shown at Annex E.

3.5 MATERIEL REVIEW BOARD

3.5.1 A Materiel Review Board comprising of representation from all interested parties will be convened under the Chairmanship of the MOD Quality Assurance Representative:-

(i) Consider a specific need to accept for service materiel where one or more of the following are affected:

Safety, Strength, Life, Interchangeability, Maintenance, Functioning or Reliability.

Recommendations from the MRB will be forwarded to the Project Manager for final decision.

(ii) Review production permits and concessions that identify a trend and make recommendations to TRC on modification action required.

ANNEX A1

TRI/CM/1

DESIGN REVIEW CHECK-LIST

---

1. IDENTIFICATION

a. Master Record Index and Issue
b. Drawing Number and Issue
c. Title

2. AGREED CHARACTERISTICS

a. Safety
b. Function
c. STS
d. Availability
e. Reliability
f. Maintainability

3. ENVIRONMENT

a. Storage
b. Handling
c. Transport
d. Operational

4. ASSEMBLY (AWE BURGHFIELD)

a. Equipment
b. Test equipment
c. Repair procedures

5. PROCESSING (RNAD COULPORT)

a. Equipment (SSE)
b. Documentation
c. Processes (SWOPS)
d. Repair procedures
e. Test equipment

ANNEX A2

TRI/CM/1

DESIGN REVIEW CHECK-LIST

---

6. UK PROCURED COMPONENTS

a. Producibility
b. Inspectability
c. Gauging
d. Test equipment
e. Accept/reject criteria
f. Packaging

7. IN SERVICE SUPPORT

a. PROVISIONING

i. Spares
ii. SSE
iii Training aids
iv. Repair procedures
v. Documentation

b. MAINTENANCE

i. Flight hardware
ii. SSE

8. POST DESIGN SERVICES

a. Design definition and control
b. Configuration definition listing

9. SERVICE LIFE ASSESSMENT

a. Programmes
b. Facilities
c. Documentation
d. Reliability reassessment

ANNEX B

TRI/CM/2

FREEZE COMMITTEE CHECK-LIST

1. IDENTIFICATION
a. Master Record Index and Issue
b. Drawing Number and Issue
c. Title

2. DRAWINGS AND SPECIFICATIONS
a. Issue at Pre-Chill
b. Issue at Pre-Freeze
c. Compliance plan requirements
d. Interface features
e. Compatibility Assessment Plan

3. MODIFICATIONS
a. Mods introduced since Chill
b. Reason for Mods
c. Affect on completed trials
d. Declared voids.

4. TRIALS AND ASSESSMENTS
a. Trials in support of Freeze
b. Outstanding Trials in support of Freeze
c. Compatibility Assessment Plan
d. Defect reports outstanding.

5. TESTING
a. Test procedures defined
b. Test equipment defined
c. Availability of test equipment.

6. RELIABILITY
a. Fault tree analysis reference.
b. Failure mode effects analysis reference
c. Stress analysis.
d. Reliability analysis
e. Assessed reliability
f. Drawings completed.
g. Estimated Service Life.

7. MANUFACTURING CAPABILITY
a. Technology transfer.
b. Producibility demonstrated.
c. Inspectability demonstrated.
d. Risk areas envisaged.

8. SAFETY
a. Safety Authority approval reference.

ANNEX C

TRI/CM/3

FREEZE SUBMISSION APPROVAL/REJECTION FORM	
FREEZE COMMITTEE REF:	
MASTER RECORD INDEX	ISSUE
DRAWING NUMBER	ISSUE
TITLE	
FREEZE COMMITTEE COMMENTS	
FREEZE SUBMISSION RECOMMENDED/REJECTED DATE	AD/Proj(NUC)
APPROVAL TO FREEZE GRANTED DATE	D(NUC)P

ANNEX D

1 VOID MANAGEMENT RESPONSIBILITIES AND PROCEDURES

1.1 INTRODUCTION

Voids may be necessary from time to time in order to facilitate the release of frozen design documentation for production purposes. The Freeze Committee is responsible for the management of all voids declared at the time of Freeze and also for their subsequent recommendation for clearance.

1.2 PROCEDURE

1.2.1 The Freeze Committee will assign unique void control numbers for every declared void. These numbers will be structured as follows:

Unit No. and/or Component Drawing No. - Void Schedule No.

1.2.2 A void is to be clearly defined on the subject drawing using void control boxes as illustrated below:

Void No. ----------	
Data required	
Data Supplier	
Data User	
Date due	

1.2.3 The Freeze Committee in conjunction with the Design Authority will agree a programme for clearing a void.

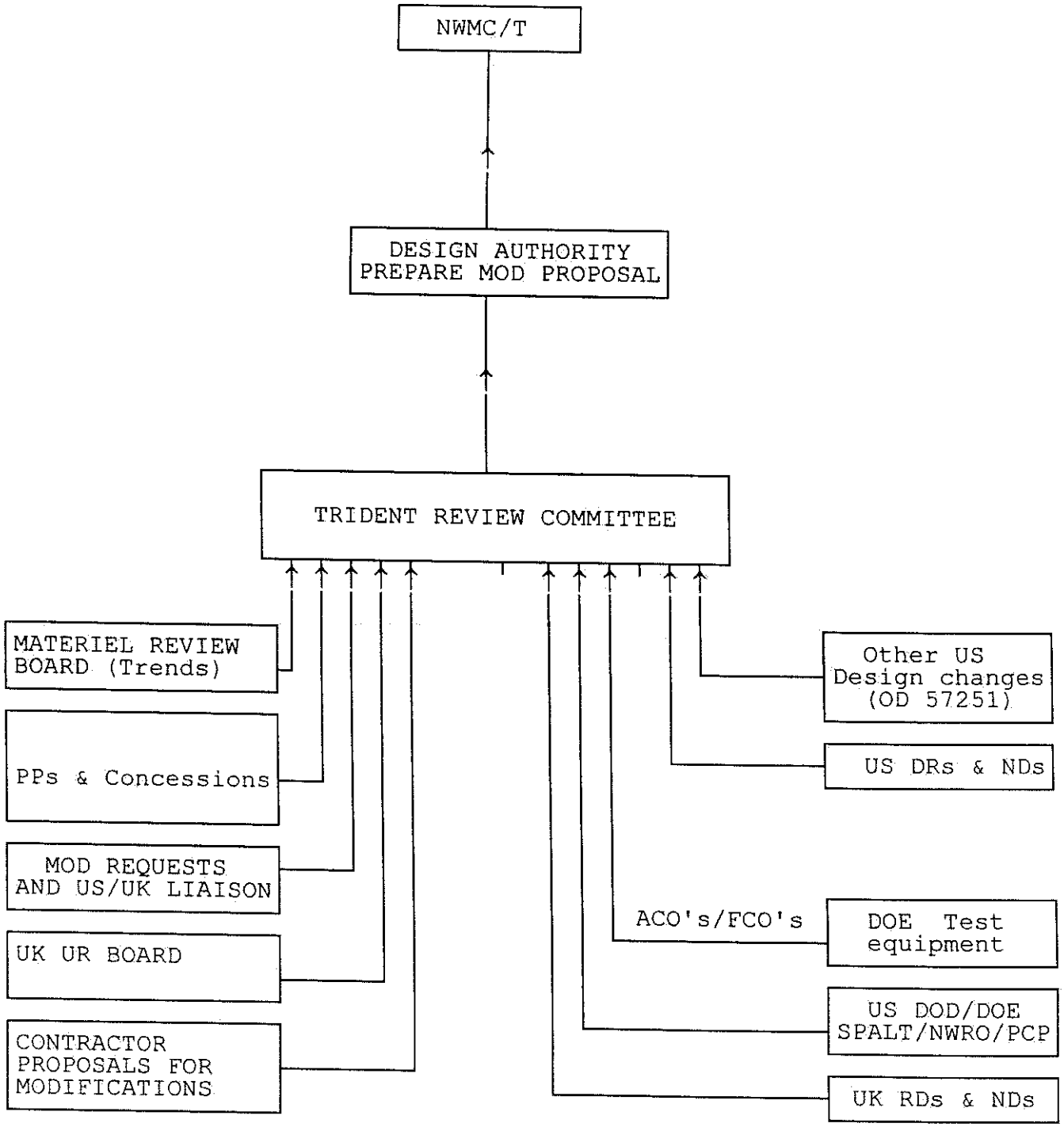
1.2.4 The status of void programmes will be reviewed and discussed at the Freeze Meeting.

1.2.5 A void control schedule will be created by the Committee Secretary and subsequently updated after every Meeting. The schedule will form part of the minutes.

1.2.6 Void clearances will be in the form of a TRI/CM/2 check list submitted by the DA to the Committee Secretary. The Secretary will distribute the submission to the Members for their recommendation. When necessary, ex-committee action may be taken, which will subsequently be ratified at the next Meeting.

1.2.7 If satisfied, the Committee will make a recommendation to D(Nuc)P using a Freeze submission accept/reject form (TRI/CM/3), which will then be returned to the DA together with an "Issue 2" of the original 715C form in order to modify the frozen drawings prior to control by the NWMC/T.

ANNEX E - TRIDENT REVIEW COMMITTEE ACTIVITY FLOW CHART.



PART 2

NON CONFORMANCE REPORTING

1. PURPOSE

To define procedures for the management of non-conformance's arising during the life of the Trident Project.

2 APPLICABILITY

These procedures shall apply throughout the Production and In Service phases of the Project.

3. REFERENCE DOCUMENTS

Defence Standard 05-61 Part 1
US/UK Configuration Management Document CMD-01

4. PRODUCTION AGENCY ORIGINATED PPs AND CONCESSIONS

4.1 The contractor is authorised in accordance with Def Stan 05-61 part 1 to use the AWE Form 630b in lieu of the MoD Form 77 for PP's and Concessions.

4.2 In addition to the requirements of Def Stan 05-61 part 1 applications for Major Production Permits or Concessions shall also be made for non-conformances to the following and shall be processed in accordance with Figure 1.

(a) US RBA hardware and materials of US origin except when a pre-dispositioned repair has been carried out. (See Para 7)

(b) US gauges, production acceptance testers and reference bodies as identified in CMD-01 Annexes 102, 103 and 113 respectively.

(c) Interface attributes relating to UK manufactured or US procured special production tooling and STIC components as defined in CMD-01 Annex 107.

(d) Those aspects of UK designed and manufactured RBA hardware that are subject to US/UK Coordinated Interface (CD) agreements.

Note: In addition to the information required on a Production Permit/Concession, applications relating to (a),(b),(c) and (d) requiring RD/DR action in accordance with CMD-01 Annex 106 should also include:

(i) Date of Manufacture/Assembly/Test as appropriate to application.

(ii) Reference to US/UK drawing and specification numbers where known

(iii) Copy of the relevant US release documentation, where available.

(iv) The Form 630b shall be annotated "RD" in the top left corner.

4.3 When reporting editorial or minor documentation discrepancies, the application shall be annotated "OBSERVATION ONLY" in the top left hand corner of the form and the existing words "CONCESSION/PRODUCTION PERMIT" deleted.

5. POST FORM 640 PRODUCTION AGENCY REPORTABLE DEFECTS.

5.1 Except for that hardware described in paragraph 4, Form 630b (Major) are required for defects to the following:

Government Issued Equipment (GIE) of UK origin. (US components refer to Section 4)
Items of UK manufactured flight hardware delivered RNAD(C)
RBAs returned from RNAD(C)
New Material Laboratory Testing (NMLT)
Stockpile Laboratory Testing (SLT)

The Form 630b shall be annotated "Post Form 640 Defect" in the top left corner and the words "CONCESSION/PRODUCTION PERMIT" shall be deleted.

6 UNSATISFACTORY REPORTS

6.1 Unsatisfactory Reports (URs) shall be raised by the Service User in accordance with SWOP 5-8 and processed in compliance with CMD- 01 Annex 206 for US/UK items under D(Nuc)P control and US items which have an effect on the UK system or equipment.

6.1.1 Notwithstanding the above, it has been agreed that AWE/SAC may use the PUR system to notify RNAD(C) of unacceptable results from capsule gas sample analyses.

6.2 Management of URs and Priority URs (PURs) is the responsibility of the UK UR Review Board under joint D(Nuc)P/DSWS chairmanship.

6.3 The processing of URs/PURs is the responsibility of the UK UR Review Board Secretary.

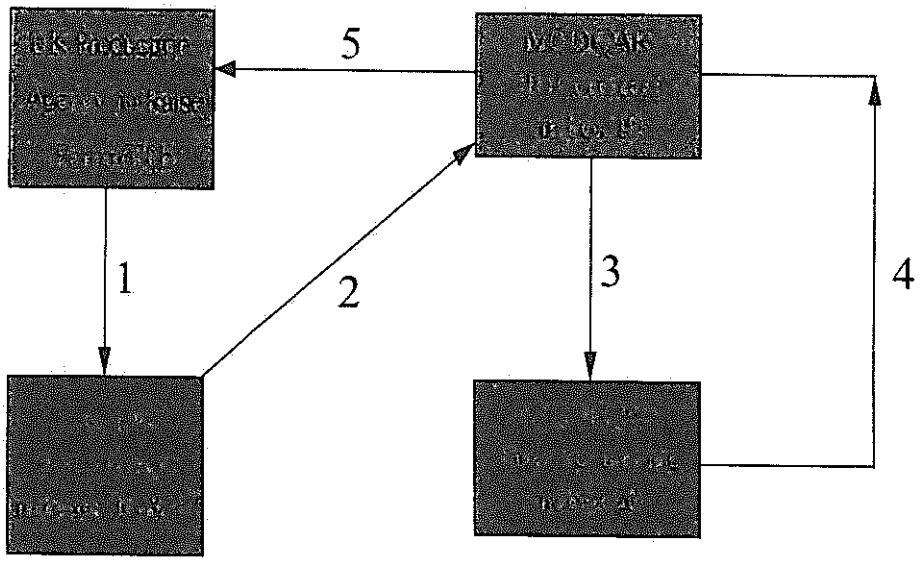
6.4 UK UR Review Board management, representation, objectives, functions, Scope, reporting requirements, processing and configuration aspects are fully defined in document reference, D/DC(Nuc)ALD/9/33/10.

7. PRE-DISPOSITIONED REPAIRS

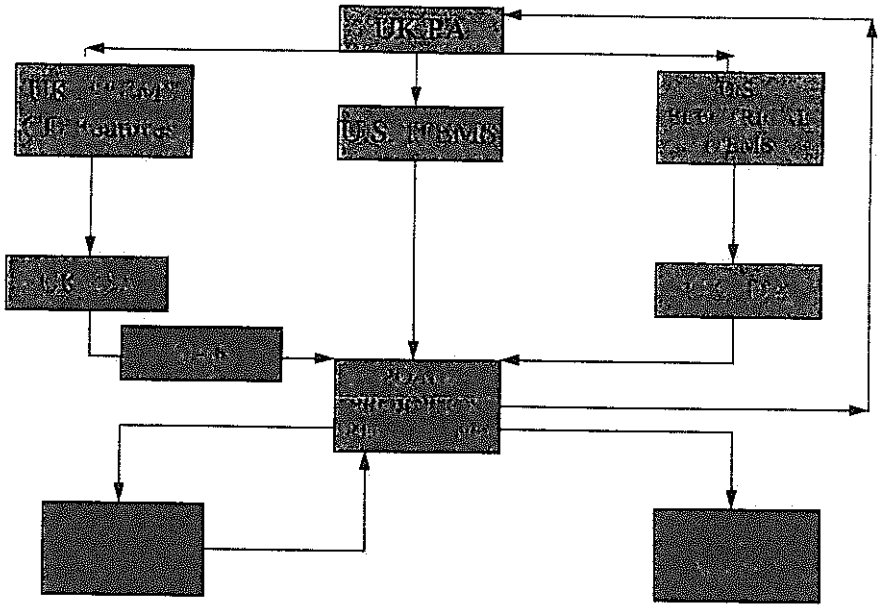
7.1 Where repairs to US hardware have been carried out in accordance with CMD01 Annex 109 the Production Agency shall inform Proj(Nuc)S. The information shall be in sufficient detail to enable Proj(Nuc)S inform the US via ND action in accordance with CMD-01 Annex 106. The information supplied shall include as a minimum:

(i) Description of Material/Component/Store
(ii) US drawing/specification number
(iii) Description of deviation
(v) Reference to accept/reject criteria and repair procedure
(vi) Reason for deviations

Routing for Major PP's & Concessions



Routing for RD's & ND's



NUCLEAR ORDNANCE RECORD CARD

PROCEDURE

1. NUCLEAR ORDNANCE RECORD CARD (NORC).

The Nuclear Ordnance Record Cards should be completed in accordance with CMD-01 Annex 302. A NORC, is a permanent chronological record of historical and operational information which is maintained for each RBA during its stockpile life.

2. RESPONSIBILITIES

2.1 AD/Proj(NUC)/Proj(Nuc)T2 will be responsible for the supply of the latest issues of NORC Forms SP 8110/1. Proj(Nuc)T2 is also responsible for maintaining the RBA UK Office of Record.

2.2 All RA NORCs will be generated by LMMS.

2.3 NORCS for the Units described CMD-01 Annex 302 will be generated and maintained by the UK Production Agency. Copies of NORCs generated and maintained by Production Agencies shall be forwarded to the UK Office of Record, Proj(Nuc)T2.

2.4 Once a unit is despatched from the Production Agency maintenance of the NORC shall be the responsibility of the RNAD.