

STCP Amendment Proposal Form

PA008

1. Title of Amendment Proposal

STCP 08-3 – Incorporation of Outstanding Change Requests

2. Description of the Proposed Amendment (mandatory field)

Incorporation of the following Change Requests that were outstanding at BETTA Go-Live:

C227

This Change Request is attached at Attachment 1 to this STCP Amendment Proposal Form.

Minor changes to the Headers and Footers within the document are also proposed. These changes serve to ensure that the name of the STCP and its Issue Number and date are clearly visible on all pages.

The following text has also been inserted before each of the Flow Diagrams within the STCPs clarifying that the text of the STCP has precedence in the event there is any disparity between the text and the flow diagrams:

“Note that the Process Diagrams shown in this Appendix [B] are for information only. In the event of any contradiction between the process represented in this Appendix and the process described elsewhere in this STCP, then the text elsewhere in this STCP shall prevail.”

This statement was included in some but not all STCPs during drafting and its inclusion here allows a consistent approach to be taken across all STCPs.

All of the above changes are reflected within the change-marked STCP attached as Attachment 2 to this STCP Amendment Proposal Form.

3. Description of Issue or Defect that Proposed Amendment seeks to Address (mandatory field)

Prior to Go-Live a number of changes to “signed off” STCPs were identified by the User Groups. The incorporation of these Change Requests before Go-Live was not however deemed by the same User Groups as critical for Go-Live and it was agreed between the Parties that such Change Requests should be considered and where appropriate incorporated within the STCP following Go-Live. This STCP Amendment Proposal therefore summarises the outstanding Change Requests for this STCP and outlines draft legal text that would give effect to those outstanding Change Requests.

4. Impact on the STC (information should be given where possible)

Effects on STCP 08-3 Operational Tests and System Tests Issue 001 are as detailed in the change marked version attached at Attachment 2 to this STCP Amendment Proposal.

5. Impact on other frameworks e.g. CUSC, BSC (information should be given where possible)

NONE

6. Impact on Core Industry Documentation (information should be given where possible)

NONE

7. <u>Impact on Computer Systems and Processes used by STC Parties</u> (information should be given where possible) NONE
8. <u>Details of any Related Modifications to Other Industry Codes</u> (where known) NONE
9. <u>Justification for Proposed Amendment with Reference to Applicable STC Objectives</u> (mandatory field) Although these changes were not deemed as critical for Go-Live it is the view of the proposer that should these Change Requests now be incorporated within STCP 8-3 this would better facilitate the following Applicable STC Objectives: <ul style="list-style-type: none"> the development, maintenance and operation of an efficient, economical and co-ordinated system of electricity transmission protection of the security and quality of supply and safe operation of the GB Transmission System insofar as it relates to the interactions between transmission licensees promotion of good industry practice and efficiency in the implementation and administration of the arrangements described in the STC.

Details of Proposer Organisation's Name	National Grid Company plc
Capacity in which the Amendment is being proposed (i.e. STC Party or other Party as designated by the Authority pursuant to STC section B7.2.2.1 (b))	STC Party
Details of Proposer's Representative Name Organisation Telephone Number Email Address	Mark Duffield National Grid Company plc 01926 654971 mark.duffield@ngtuk.com
Details of Representative's Alternate Name Organisation Telephone Number Email Address	Ben Graff National Grid Company plc 01926 656368 Ben.Graff@ngtuk.com
Attachments (Yes/No): Yes If yes, title and number of pages of each attachment: Attachment 1 (xx Pages): Original Change Requests Attachment 2 (xx Pages): Revised legal text for STCP 08-3: Operational Tests and System Tests	

Notes:

- Those wishing to propose an Amendment to the STC should do so by filling in this "Amendment Proposal Form" that is based on the provisions contained in Section 7.2 of the STC.
- The Committee Secretary will check that the form has been completed, in accordance with the requirements of the STC, prior to submitting it to the Committee. If the Committee Secretary accepts the Amendment Proposal form as complete, then she/he will write back to the Proposer informing them of the reference number for the Amendment Proposal and the date on which the Committee will consider the Proposal. If, in the opinion of the Committee Secretary, the form fails to provide the information required in the STC, then he/she may reject the Proposal. The Committee

Secretary will inform the Proposer of the rejection and report the matter to the Committee at their next meeting. The Committee can reverse the Committee Secretary's decision and if this happens the Committee Secretary will inform the Proposer.

The completed form should be returned to:

Lilian Macleod
STC Committee Secretary
Commercial Frameworks
National Grid Company plc
NGT House
Warwick Technology Park
Gallows Hill
Warwick, CV34 6DA

Or via e-mail to: STCTeam@uk.ngrid.com

Attachment 1: Incorporated Outstanding Change Requests

ID	Raised On	Originating Body	Description	Affected Category 2 Documents	Business Owner	CDA Owner	Status	DG1	Last Updated	Comments
C227	12/05/2005	OPUG	Changes required to reflect the agreed comments as described in the CDA Consistency Form dated 11th April 2005 relating to STCP8-3 Operational Tests and System Tests.	STCP 08-3	Chris Whitley	Nadim Al-Hariri	Accepted	X	12-May-05	12 May 05: CR raised 12 May 05: OPUG accepted the CR

Change Request

(Yellow Shaded Boxes For CDA Use Only)

CDA CR ID	C227	Status¹	Accepted	
Company CR ID		Associated CR's		
Description of Change				
Changes required to reflect the agreed comments as described in the CDA Consistency Form dated 11th April 2005 relating to STCP8-3 Operational Tests and System Tests.				
Reasons for Change				
To reflect the comments agreed by OPUG that were raised within the CDA Consistency checks. The form is attached.				
Affected Category 2 Document(s)²			DG's Informed	
STCP8-3 Operational Tests and System Tests, Issue 1			OPUG	
Originating Body³	OPUG		HLIA ID	
Raised On	12 th May 2005		DLIA ID	
Business Owner	Chris Whitley		Time Impact⁴	
CDA Owner	Nadim Al-Hariri		Effort Impact⁵	
<Group> Agreed Action – <Date>				
Change Request Source Document				
STCP8-3 Consistency Form.doc				
Document Version Included In		STCP8-3 Operational Tests and System Tests, Issue 2		
To Be Included In		<input type="checkbox"/> Testing	<input checked="" type="checkbox"/> STCP Drafting	<input checked="" type="checkbox"/> Post "Go-Live"

¹ One of *Raised*, *HLIA Submitted*, *DLIA*, *DLIA Submitted*, *Accepted*, *Rejected* or *Pending*.

² Identifies the directly affected Category 2 documents. A full list of affected Category 1 & 2 documents will be identified by the HLIA.

³ One of DG1, DG2, DG3, DG4, Ofgem/DTI or Companies.

⁴ One of **Red** (impact on critical path), **Amber** (impact on plan but not critical path) or **Green** (no impact on plan)

⁵ One of **High** (>5 Working Days), **Amber** (>1 and <5 Working Days) or **Green** (<1 Working Day)

Category 2 Document Consistency Form

Consistency Form Status		Owning DG/User Group Review	Consistency Form Version		D0.1
Document Name	STCP8-3 Operational tests and System Tests			Version	Issue 1 16/3/2005
				Review Ref	1
Reviewer	Tony Mason			Date	11/04/05
Checked by	Nadim Al-Hariri			Date	12/04/05
Category 2 Documents – Detailed Level Processes and STCPs <i>C: Indicates documents have been checked for consistency and no action required.</i> <i>A: Indicates documents have been checked for consistency and action may be required.</i> <i>N: Indicates documents are related but are unavailable to be checked for consistency.</i>					
D G	Id	Issue	STCP/ DL	Name	Action
1	8-3	Issue 1	STCP	Internal Consistency	A
0	-	Designated	-	SO-TO Code	C
1	1-1	Issue 2	STCP	Operational Switching	C
1	11-1	Issue 2	STCP	Outage Planning	C
1	11-2	Issue 2	STCP	Outage Data Exchange	C
0	-	09/03/04	-	STC Procedure Drafting Guidelines	C

Key:**Cat** (Category of comment)

I Inconsistency comment

C Other type of comment

Q Question

Type (Type of comment)

O Inconsistent with Other doc.

D Inconsistent within review doc.

F Clarification/Format/ Grammatical

Sevty (Impact Severity)

H(igh) e.g. Process will not work

M(edium) e.g. Work-a-round required

L(ow) e.g. Cosmetic

Eff (Effort to correct)

H(igh) More than 4 hours

M(edium) More than 10 minutes but less than 4 hours

L Up to 10 minutes

Consistency Form Status

Author Review -

Sent to Author for review

Owning DG Review -

Sent to owning DG for agreed actions


Other DG Review -

Sent to other DG's affected for agreeing actions

Issued -

Issued

Category 2 Document		Internal Consistency			Version		N/A
Id	Sect	Comment	Cat	Type	Severity	Effort	Proposed/Agreed Action
1	Typos	1.2.1 (1 st bullet) – Black Start Tests is a defined term. Reword to read “...including Black Start Tests and Power Island tests” 2.1.2 – “Transmission System” should read “GB Transmission System” 3.1.5 (3 rd line) – Should be Section 3.2 not Section 3 3.2.4.1 (3 rd line) – insert “with” in front of “STCP11-1” 4.1.4 – “Scheme” should be in lower case in last sentence.	C	F	L	L	Proposed Action: Amend as stated Agreed Action: Amend as stated
2	1.2.1 first bullet	Constrain the Tests that this procedure covers to System Tests and operational Tests. It does not, for example, include Tests conducted under 8-2 or 8-4	C	F	L	L	Proposed Action: Replace “Tests” with “System Tests and operational tests” after “in relation to” Agreed Action: Amend as stated
3	3.2.3.4	Replace “a copy of the Tests Proposal” to “a copy of the draft Tests programme”	C	F	L	L	Proposed Action: Amend as stated. Agreed Action: Amend as stated
4	3.2.3.7 and 3.2.4.6	The term “Business Day” is defined in the STC and this is generally used in preference to working day.	C	F	L	L	Proposed Action: Amend as stated. Agreed Action: Amend as stated
5	3.2.6.3	Insert a further paragraph reference for the final paragraph of section 3.2. It should be 3.2.6.4.	C	F	L	L	Proposed Action: Amend as stated. Agreed Action: Amend as stated
6	3.3.1	Does 3.3.1 refer to the setting up of the test rather than the execution of the test? If so reword 3.3.1 removing the words “operational liaison and”.	Q				Proposed Action: Agreed Action: No action. 3.3.1 refers to execution of the Tests programme
7	3.3.1.1	If section 3.3.1 refers to both “operational liaison and obtaining agreement” not all information exchange is carried out under 11-1. There are exchanges such as cancellation of and completion of the test which are described in this STCP. Suggested rewording: “Information exchange for outages required as part of a Tests programme shall take place in accordance with the requirements of STCP11-1”	I	D	L	L	Proposed Action: Explain within the STCP what category of information is being exchanged under 11-1. Agreed Action: Amend as stated

Category 2 Document		Internal Consistency			Version		N/A
Id	Sect	Comment	Cat	Type	Severity	Effort	Proposed/Agreed Action
	3.3.1.2	Is this section stating the same thing as section 3.3.3. The requirement is to carry out a test in accordance with 1-1 and the Tests programme which is stated in both section?	Q				Proposed Action: Agreed Action: Delete 3.3.1.2 as it is already covered by contents of 3.3.2 and 3.3.3
8	Swim Lane	This requires updating. It currently reflects the Level 2 process.	I	D	M	M	Proposed Action: Redraw the swim lanes to be consistent with the text Agreed Action: Update swim lanes in line with text.
9	Appendix C - Definitions	Missing abbreviations: The attached document provides an updated set of definitions reflecting their usage within STCP8-3  STCP8-3 Consistency Form attachment - de	C	F	L	L	Proposed Action: Add to Definition section. Agreed Action: Amend as proposed with further updates to definitions as required

Attachment 2: Revised Legal Text for STCP 08-3 Operational Tests and System Tests

Document Ref: ~~STCP 8-3~~STCP 08-3 Operational ~~tests~~Tests and System Tests

STC~~p~~ Procedure Document Authorisation

Company	Name of Representative	Signed off (date)
NGT		
SP		
SSE		

<u>Company</u>	<u>Name of Party Representative</u>	<u>Signature</u>	<u>Date</u>
<u>National Grid Company plc</u>			
<u>SP Transmission Ltd</u>			
<u>Scottish Hydro-Electric Transmission Ltd</u>			

STC Procedure Change Control History

~~Issue 1~~ ~~16/3/5~~

~~Outstanding issues to be resolved pre company sign-off~~

~~Outstanding issues to be resolved post company sign-off~~

~~Dispute resolution process~~ – further details if needed

<u>Issue 001</u>	<u>16/03/2005</u>	<u>BETTA Go-Live Version</u>
<u>Issue 002</u>	<u>26/05/2005</u>	<u>Issue 002 incorporating PA008</u>

1 Introduction

1.1 Scope

1.1.1 This procedure applies to the arrangements and processes across the NGC-TO interface for System Tests or operational tests including Black Start Tests and Power Island tests. This procedure does not include tests associated with commissioning activities, which are the subject of STCP 19-4 Commissioning and Decommissioning.

1.1.2 System Tests or operational tests may involve single items of Plant and Apparatus through to whole sections of the GB Transmission System.

1.1.3 System Tests or operational tests may be proposed by NGC or the TO.

1.1.4 This procedure describes the data exchange requirements between NGC and the TOs to facilitate planning and implementation of System Tests or operational tests.

1.1.5 This procedure applies to NGC and each TO where, for the purpose of this document, the TOs are:

- SPT; and
- SHETL.

1.2 Objectives

1.2.1 This procedure specifies the following:

- the responsibilities of NGC and the TO in relation to ~~Tests~~System Tests or operational tests, including Black Start Tests and Power Island tests;
- the requirements for exchange of information across the NGC -TO interface in relation to these Tests; and
- the means of communication to be used across the NGC -TO interface.

1.2.2 This procedure is designed to enable the Parties to discharge their responsibilities under the STC and to ensure that responsibilities are clear.

2 Key Definitions

2.1 For the purposes of STCP 8-3:

2.1.1 **Tests Proposer** means the Party proposing Tests.

2.1.2 **Tests Proposal** means an outline provided in writing of the actions proposed to be carried out as part of Tests involving Plant and Apparatus forming part of the GB Transmission System.

3 Process

3.1 General

3.1.1 All Tests shall be planned to ensure all Plant and Apparatus remains within the applicable capability limits specified by the asset owner and carried out such that there is minimal impact on the GB Transmission System. All Outage requests for Tests shall be progressed in accordance with STCP 11-1 Outage Planning.

3.1.2 Black Start Tests may involve synchronisation of generation to the GB Transmission System or connection of Demand remote from the Black Start Station.

3.1.3 Operation of some Plant and Apparatus may be temporarily transferred to the TO by formal agreement between NGC and the TO as part of the Tests programme.

3.1.4 NGC shall be responsible for obtaining the agreement with a User for Tests to proceed. If NGC gives permission for the TO to act as the point of contact, the TO shall contact and advise the User that the TO has become the point of contact and that Tests shall commence shortly.

3.1.5 The category of Tests (either minor or major) shall be agreed by the Parties involved as part of operational liaison. Major Tests are those considered sufficiently complex by a party to require a detailed Tests programme to be submitted in accordance with Section 3.2 below. Tests categorised as minor shall not require a detailed Tests programme to be submitted. Tests may include switching Plant out of service using Protection Apparatus.

3.2 Tests Procedure Preparation

Tests Proposal

3.2.1 If the Tests Proposer is a TO, then the following provisions shall apply:

3.2.1.1 The TO shall be responsible for providing the Tests Proposal to NGC in accordance with this procedure.

3.2.1.2 The TO shall, as soon as reasonably practicable, submit a Tests Proposal to NGC. Where practicable, this Tests Proposal shall be submitted to NGC a minimum of 13 weeks prior to the date of the Tests. The TO shall endeavour to ensure sufficient detail is included in the Tests Proposal to allow the affected parties to assess the impact of the Tests on the GB Transmission System and User Systems.

3.2.1.3 The TO shall be responsible for change control of the Tests Proposal and shall issue a revised Tests Proposal to NGC, as soon as reasonably practicable. NGC shall be responsible for liaising with an affected User or affected TO accordingly.

3.2.1.4 NGC shall, as soon as reasonably practicable, provide to each affected User or other affected TO a copy of the Tests Proposal and all updates thereof.

3.2.1.5 NGC and the TO shall assess the implications and agree the category of the Tests as soon as reasonably practicable. NGC shall liaise with each affected User and/or affected TO and seek their agreement to the Tests Proposal and collate and co-ordinate their responses to the TO.

3.2.1.6 If the Tests Proposal is not acceptable to NGC, an affected User or affected TO, NGC shall refuse the Tests Proposal and shall immediately inform the TO. That TO may choose to revise and re-submit the Tests Proposal in accordance with this procedure or raise a dispute.

3.2.2 If the Tests Proposer is NGC, then the following provisions shall apply:

3.2.2.1 NGC shall, as soon as reasonably practicable, submit a Tests Proposal to each affected TO and/or affected User in accordance with this procedure. Where practicable, this Tests Proposal shall be submitted to the TO a minimum of 13 weeks prior to the date of the Tests. NGC shall endeavour to ensure sufficient detail is included in the Tests Proposal to allow the parties to assess the impact of the Tests Proposal on the TO assets and User Systems.

3.2.2.2 NGC shall be responsible for change control of the Tests Proposal and shall issue to each affected TO and/or affected User, as soon as reasonably practicable, a copy of the Tests Proposal and all updates thereof. NGC shall be responsible for liaising with each affected User or affected TO.

3.2.2.3 NGC and each affected TO shall assess the implications and agree the category of the Tests as soon as reasonably practicable. NGC shall liaise with each affected User and/or affected TO and seek their agreement to the Tests Proposal.

3.2.2.4 If the Tests Proposal is not acceptable to an affected User or affected TO, NGC may choose to revise and re-submit the Tests Proposal to each affected TO and/or affected User in accordance with this procedure or raise a dispute.

Detailed Tests Programme

3.2.3 If the Tests Proposer is a TO, then the following provisions shall apply:

3.2.3.1 As soon as practical after agreement to the Tests Proposal, the TO shall provide an Outage request to NGC detailing the Plant and Apparatus involved in accordance with STCP 11-1 Outage Planning and STCP 11-2 Outage Data Exchange.

3.2.3.2 The TO will provide, as soon as reasonably practicable, a draft Tests programme, taking account of any asset related issues, to a level of detail including, but not limited to, the content shown in Appendix A.

3.2.3.3 The TO shall be responsible for change control of the draft Tests programme and shall issue, as soon as reasonably practicable, revised draft Tests programmes, where appropriate, to NGC. NGC shall be responsible for liaising with the TO, any affected User and/or affected TO.

3.2.3.4 NGC shall provide to each affected User and/or affected TO a copy of the draft Tests Proposal~~Programme~~ and all updates thereof.

3.2.3.5 NGC shall liaise on the implications of the Tests programme with each affected User and/or affected TO and seek their agreement to the Tests programme. NGC shall collate and co-ordinate the responses to the TO.

3.2.3.6 NGC and the TO shall each assess the implications on the Tests programme:

- NGC shall assess the GB Transmission System implications;
- the TO shall assess the implications of the Tests programme on that TO assets and advise NGC of any asset related issues;
- NGC and the TO shall agree any changes required to the Tests programme; and
- NGC will liaise with each affected User and/or affected TO to confirm their agreement to the Tests programme changes.

3.2.3.7 When all issues raised have been addressed to the reasonable satisfaction of all parties and the draft Tests programme agreed by all parties, the agreed Tests programme shall be issued by the TO to NGC. This shall normally be at least 15 ~~working days~~Business Days prior to the commencement date of Tests unless otherwise agreed.

3.2.3.8 NGC shall provide as soon as reasonably practicable to each affected User and/or affected TO a copy of the agreed Tests programme and all updates thereof.

3.2.3.9 In the event that NGC is informed that a party has identified a need for essential changes to the agreed Tests programme, NGC shall inform the relevant TO as soon as reasonably practicable. That TO shall be responsible for change control and, as soon as reasonably practicable, issue an amended Tests programme to NGC. Any essential changes made must be agreed and acknowledged by NGC. NGC shall be responsible for liaising with each affected User and/or affected TO to obtain their agreement to the Tests programme changes.

3.2.3.10 In the event that there is a dispute regarding the acceptability or otherwise of a Tests programme or associated Outage the Tests shall not take place until the dispute has been resolved.

3.2.4 If the Tests Proposer is NGC, then the following provisions shall apply:

3.2.4.1 On agreement of the Tests Proposal, NGC shall agree an Outage request with each affected TO for the Plant and Apparatus involved in the Tests. Each TO shall then submit any required Outage requests as soon as practicable, and in accordance with STCP 11-1 Outage Planning and STCP 11-2 Outage Data Exchange.

3.2.4.2 NGC will provide to each affected TO, as soon as reasonably practicable, a draft Tests programme to a level of detail, including but not limited to the content shown in Appendix A.

3.2.4.3 NGC shall be responsible for change control of the draft Tests programme and shall provide to each affected TO and each affected User, as soon as reasonably practicable, a copy of the Tests programme and all updates thereof.

3.2.4.4 NGC shall liaise on the implications of the Tests programme with each affected User and/or affected TO and seek their agreement to the Tests programme.

3.2.4.5 NGC and each affected TO shall assess the implications of the Tests programme. NGC shall assess the GB Transmission System implications and convey the implications to all affected parties. Each TO shall assess the implications of the Tests programme on that TO's assets and advise NGC of any asset-related issues. NGC and the TO shall agree any changes required to the Tests programme. NGC will liaise with each affected User and/or affected TO and confirm their agreement to the Tests programme changes.

3.2.4.6 When all issues raised have been addressed to the reasonable satisfaction of all parties, and the draft Tests programme agreed by all parties, the agreed Tests programme shall be issued by NGC to each affected TO and/or affected User. This shall normally be at least 15 ~~working~~ Business Days prior to the commencement date of Tests, unless otherwise agreed.

3.2.4.7 In the event that NGC is informed that a party has identified a need for essential changes to the agreed Tests programme, NGC shall be responsible for change control and issue of the amended Tests programme. Any essential changes made must be agreed and acknowledged by NGC and each affected TO, as soon as reasonably practicable. NGC shall be responsible for liaising with each affected User and/or affected TO to obtain their agreement to the Tests programme changes.

3.2.4.8 In the event that there is a dispute regarding the acceptability or otherwise of a Tests programme or associated Outage the Tests shall not take place until the dispute has been resolved.

Planning Process Associated with Tests Requirements

3.2.5 If the Tests Proposer is a TO, then the following provisions shall apply:

3.2.5.1 Plant or Apparatus switched out of service by operation of Protection Apparatus in preparation for maintenance work shall be treated as an Outage request under STCP 11-1 Outage Planning. The Outage booking shall include the comment 'Switch out by protection'.

3.2.5.2 NGC shall assess the GB Transmission System implications of the Tests (including the proposed time, date and extent of the Tests Proposal) and convey the implications to all affected parties. NGC shall liaise with and co-ordinate the responses to the TO from each affected User and affected TO. The TO shall assess the asset implications of the Tests and both the TO and NGC shall agree the acceptability or otherwise of the Tests as part of normal operational liaison.

3.2.5.3 NGC and each affected TO shall use reasonable endeavours to ensure that sufficient information is exchanged and facilities are provided where reasonably requested in order to support the planning and implementation of the Tests, and ensure that System conditions for the period of the Tests can be sufficiently modelled and monitored. NGC shall be responsible for obtaining information reasonably requested by the TO from a User.

3.2.5.4 Prior to commencement of the Tests, the viability of the Tests' requirements shall be regularly reviewed by NGC and the TO and the Tests may be subject to a delay at any time. Parties shall each use reasonable endeavours to ensure that any such delay is kept to a minimum. Where Tests are delayed the process to agree alternative Tests arrangements shall follow the process outlined in this procedure. NGC shall be responsible for keeping the TO informed of any delays associated with or advised by other parties.

3.2.5.5 The TO shall confirm the asset Operational Capability Limits and notify NGC of any Services Reduction Risks on assets associated with the proposed Tests.

3.2.6 If the Tests Proposer is NGC, then the following provisions shall apply:

3.2.6.1 NGC shall assess the GB Transmission System implications of the Tests (including the proposed time, date and extent of the Tests) and convey the implications to all affected parties. NGC shall liaise with and co-ordinate the response from each affected User and affected TO. Each affected TO shall assess the asset implications of the Tests and both the TO and NGC shall agree the acceptability or otherwise of the Tests as part of normal operational liaison.

3.2.6.2 NGC, and each affected TO shall use reasonable endeavours to ensure sufficient information is exchanged and facilities are provided, where reasonably requested, in order to support the planning and implementation of the Tests and to ensure that System conditions for the period of the Tests can be sufficiently modelled and monitored. NGC shall be responsible for obtaining information reasonably requested by the TO from a User.

3.2.6.3 Prior to commencement of the Tests, the viability of the Tests' requirements shall be regularly reviewed by NGC and the TO. This may result in Tests being delayed. Parties shall each use reasonable endeavours to ensure that any such delay is kept to a minimum. Where Tests are delayed the process to agree an alternative Tests programme must follow the process outlined in this procedure. NGC shall be responsible for keeping the TO informed of any delays associated with other parties.

3.2.6.4 The TO shall confirm the asset Operational Capability Limits and notify NGC of any Services Reduction Risks on assets associated with the proposed Tests.

3.3 Operational Process

3.3.1 NGC shall be responsible for operational liaison and obtaining agreement from an affected User or affected TO for Tests to proceed:

~~3.3.1.1~~ Information exchange ~~with the TO~~for Outages required as part of a Tests Programme shall take place in accordance with the requirements of STCP 11-1 Outage Planning.

~~3.3.1.23.3.1.1 NGC shall inform a User whenever operation is to be transferred to the TO as part of a Tests programme.~~

3.3.2 NGC shall co-ordinate the Tests. Where operation of Plant and Apparatus is transferred to the TO as part of the agreed Tests programme NGC shall inform each affected User and/or each affected TO prior to the transfer of operation.

3.3.3 In the Control Phase the Tests shall be carried out in accordance with the requirements of STCP 1-1 Operational Switching and the Tests programme. NGC shall inform each affected User and/ or each affected TO at the start of Tests.

3.3.4 When Tests have commenced, any change in System, site or Test conditions that could affect or invalidate the Tests or have an Operational Effect must be communicated to other parties as soon as reasonably practicable. The Tests shall be suspended until all parties involved have assessed the implications of the change in System, site or Tests conditions. Where operation of Plant and Apparatus had been transferred to the TO this shall be transferred back to NGC. NGC shall co-ordinate any communications with each affected User or affected TO on agreement

reached to complete, delay or cancel the Tests programme and inform of the transfer of operation of Plant and Apparatus back to NGC.

3.3.5 Tests may be suspended or cancelled by any party during periods of predicted or actual local adverse weather conditions. The TO shall be made aware by NGC, as soon as reasonably practicable, of requests by an affected User or affected TO for suspension or cancellation of Tests.

3.3.6 In the event of a failure of communications between the TO and NGC or the Tests site during Tests then the Tests programme shall be suspended on completion of the agreed instruction until satisfactory communications are restored and agreement is reached to continue with the Tests programme.

3.3.7 When Tests are complete or operation of Plant and Apparatus is transferred back to NGC due to a suspension or cancellation of Tests NGC shall inform any affected User or affected TO, as soon as reasonably practicable.

4 Other Considerations

4.1.1 Tests shall normally only be carried out by NGC or a TO on Plant and Apparatus in operational service when the results of off-load Tests would not be sufficiently rigorous in the reasonable opinion of either Party to confirm the continued satisfactory performance of the Plant or Apparatus involved.

4.1.2 NGC and the relevant TO shall give consideration to relevant existing operating restrictions or notified Services Reductions or Services Reduction Risks when evaluating a Tests Proposal or Tests programme.

4.1.3 No Tests shall take place that could result in operation of an Operational Intertripping scheme unless this is the stated purpose of the Tests and agreement has been reached with all affected parties.

4.1.4 Where testing of an Operational Intertripping scheme is not the stated purpose of testing then no Tests shall take place involving a circuit associated with an Operational Intertripping scheme unless the Operational Intertripping scheme is not required in service in the opinion of NGC for the duration of the Tests. The ~~Schemes~~scheme must be deselected from service by a means agreed with all affected parties.

5Disputes

~~5.1.1In the event that there is a dispute regarding the acceptability or otherwise of a Tests proposal or associated Outage the Tests shall not take place until the dispute has been resolved.~~

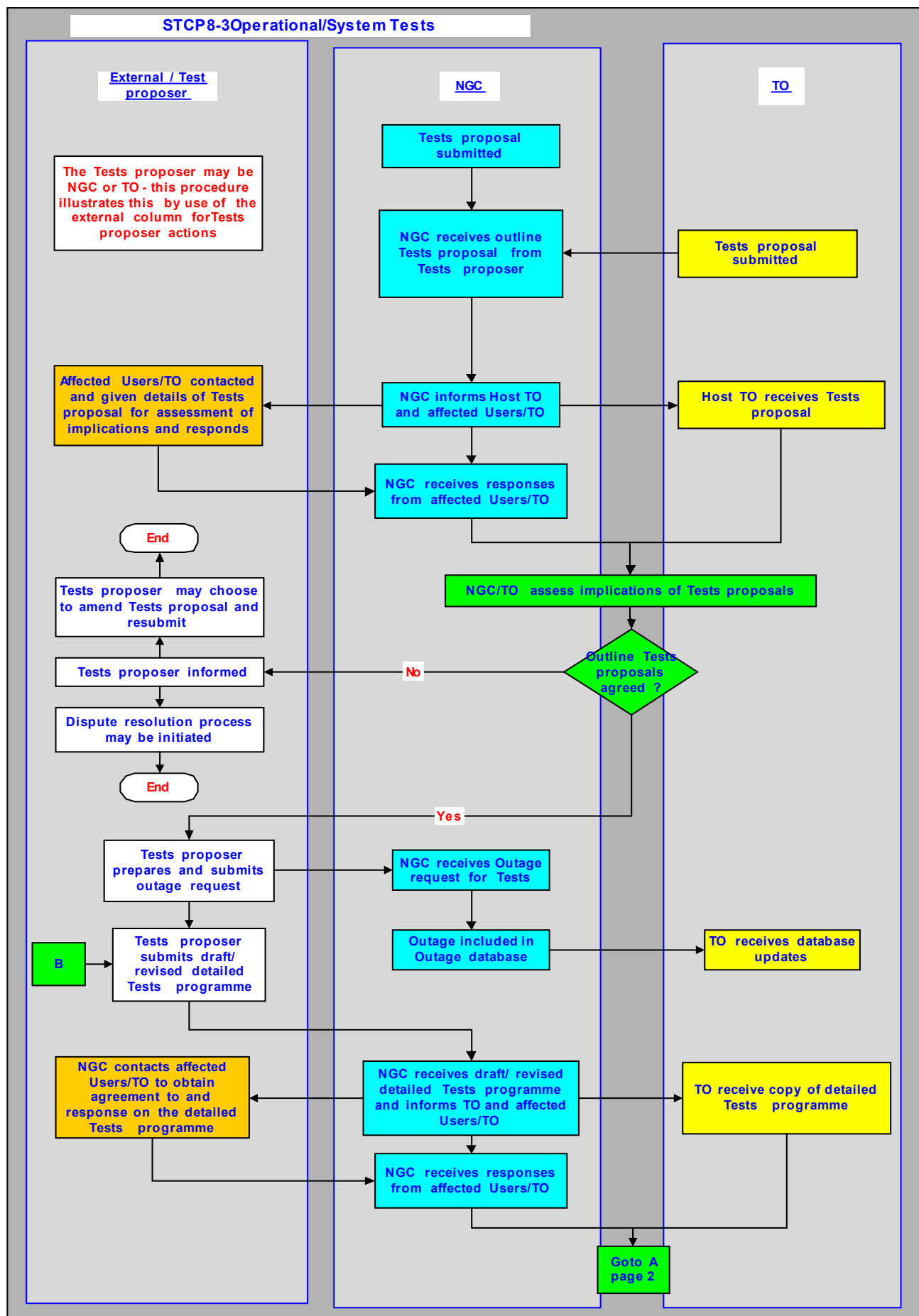
~~5.1.2Any affected party may initiate the dispute process in the event that an agreement cannot be reached.~~

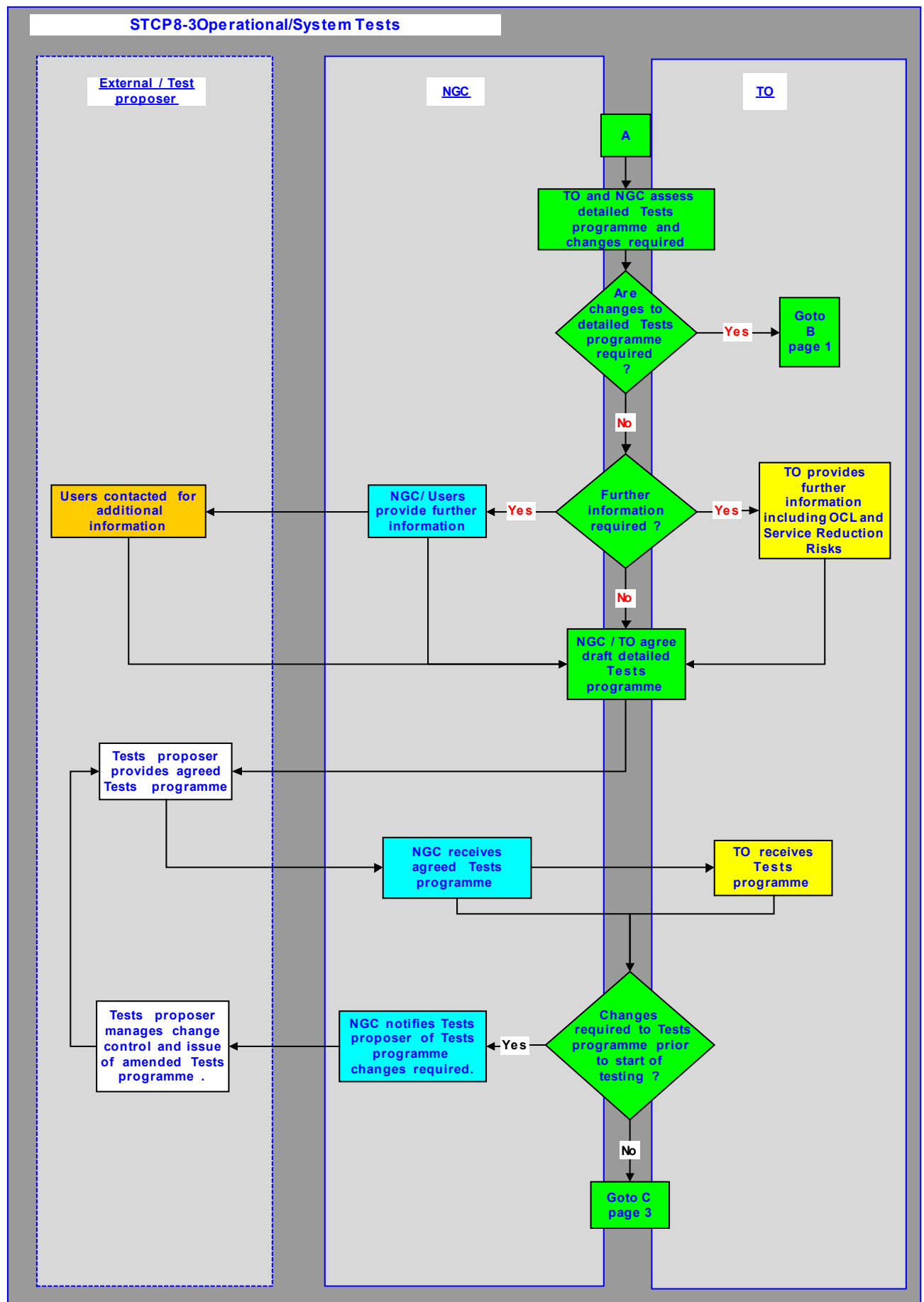
Appendix A: Tests Programme

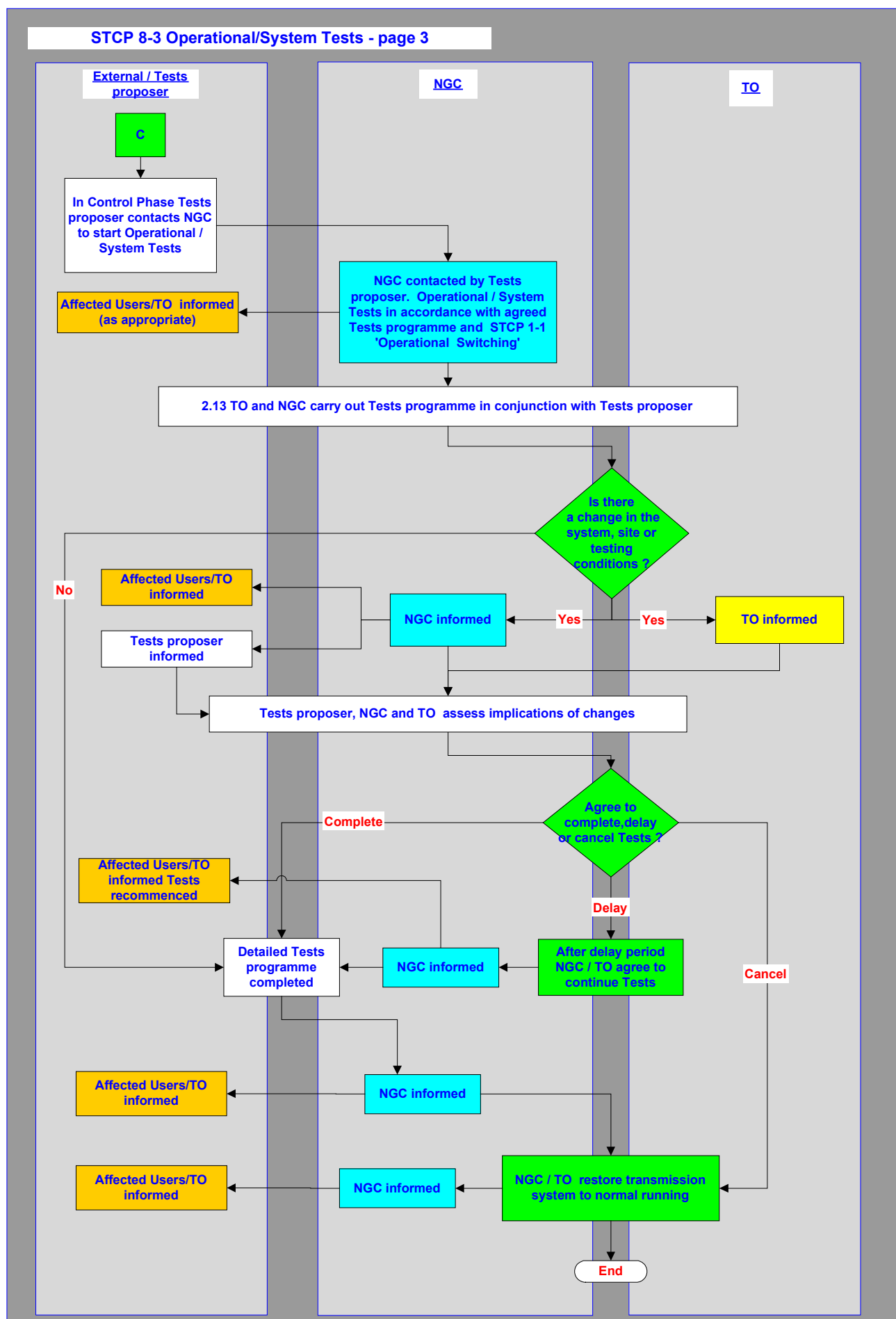
- A1 A detailed Tests programme for major testing shall:
- A.1.1 have a unique identifier allocated by the Tests Proposer and indicate the current version and issue number;
 - A.1.2 define the means of communication and location of all parties involved in the Tests;
 - A.1.3 follow an agreed change control process for changes to the Tests programme;
 - A.1.4 specify any associated documentation and diagrams forming part of the Tests programme and ensure these shall be accessible to all recipients of the Tests programme;
 - A.1.5 identify the Plant and Apparatus subject to the Tests and any other Plant and Apparatus that could be affected;
 - A.1.6 identify any Operational Effects or potential Operational Effects associated with the Tests;
 - A.1.7 identify any Services Reductions or Services Reduction Risks associated with the Tests;
 - A.1.8 outline the initial conditions of the Plant and Apparatus subject to the Tests;
 - A.1.9 detail any temporary protection settings or Protection Apparatus required for the purposes of the Tests together with the settings applied; and,
 - A.1.10 provide a detailed Tests schedule with location, action, any expected result and/or Operational Effect identified for each item of the Tests programme.
- A2 For complex Tests breakpoints should be identified where the Tests programme can be suspended and restarted without undue risk and with minimum disruption.

Appendix B: Flow Diagrams

Note that the Process Diagrams shown in this Appendix B are for information only. In the event of any contradiction between the process represented in this Appendix and the process described elsewhere in this STCP, then the text elsewhere in this STCP shall prevail.









Appendix C - Definitions

Abbreviations

SHETL Scottish Hydro-Electric Transmission Limited

SPT SP Transmission Limited

STC System Operator Transmission Owner Code

TO Transmission Owner

Definitions (other than those listed in Key Definitions)

STC definitions used:

Apparatus

Black Start

GB Transmission System

~~Islanding~~NGC

Operational Capability Limits

Operational Effect

~~Outage Plan~~

~~Plant~~

~~Services Reduction~~

~~Services Reduction Risk~~Outage

~~Party~~

~~Plant~~

Service Reduction

Service Reduction Risks

System

Tests

~~User~~

C.3 — Terms defined in the Grid Code:

~~Demand~~

Transmission Owner

User

Grid Code definitions used:

Demand

Black Start Tests

Black Start Stations

~~Operational Effect~~

Control Phase

Operational Intertripping

Power Island

Protection ~~Apparatus~~

Apparatus

System Tests

C.4 — Terms defined in other STCPs

STCP 08-3: Operational ~~tests~~Tests and System Tests
Issue 002 – 26/05/2005

Other STCP definitions used:

NGC Outage Database