

STCP18-2 Issue 006 Use of System Application

STC Procedure Document Authorisation

Party	Name of Party Representative	Signature	Date
National Grid Electricity System Operator Ltd			
National Grid Electricity Transmission plc			
SP Transmission plc.			
Scottish Hydro Electric Transmission plc.			
Offshore Transmission Owners			

STC Procedure Change Control History

Issue 001	16/03/2005	First Issue following BETTA Go-Live
Issue 002	25/10/2005	Issue 002 incorporating PA034 & PA037
Issue 003	24/11/2009	Issue 003 incorporating changes for offshore
Issue 004	23/05/2017	Issue 004 incorporates admin improvements
Issue 005	01/04/2019	Issue 005 incorporating National Grid Legal Separation changes
Issue 006	13/05/2019	'Housekeeping Modification to align STCP18-1 - STCP18-6 with existing working practices

1 Introduction

1.1 Scope

- 1.1.1 This process defines the data exchange required between NGESO and the TO(s) for the purposes of User Applications for use of the National Electricity Transmission System.
- 1.1.2 This procedure describes the process of how TO(s) respond to an NGESO Construction Application as a result of an Applicant (Embedded Generator, Small Power Station Trading Party or Distribution Interconnector Owner) applying to NGESO for use of the National Electricity Transmission System. It defines the tasks, formal documentation, interface requirements, timescales and responsibilities between NGESO and the Host TO, Affected TO(s) and Other Affected TO(s) from receipt of such User Application to the signing/Modification of a Use of System Offer.
- 1.1.3 This procedure applies to NGESO and each TO.
- 1.1.4 For the purposes of this document, the TOs are:
 - NGET;
 - SPT;
 - SHET; and
 - All Offshore Transmission Licence holders as appointed by Ofgem from time to time.

1.2 Objectives

- 1.2.1 The objective of this procedure is to detail:
 - how the User Application for use of the National Electricity Transmission System process is addressed across the NGESO ~ TO interface and the TO ~ TO interface;
 - the requirements for exchange of information in relation to these activities; and
 - the lines of communication to be used.

2 Key Definitions

2.1 For the purposes of STCP18-2:

- 2.1.1 **Affected Parties** means the Host TO, Affected TO(s) and Other Affected TO(s) as appropriate, involved in assessing NGESO Construction Application(s) relating to a particular User Application.
- 2.1.2 **Affected TO(s)** means any Transmission Owner in relation to whose Transmission System is affected by the User Application for use of the National Electricity

Transmission System and satisfies the criteria set out in the STC, Schedule four. [see STC Section D, part 2, paragraph 2.2.2].

- 2.1.3 **Agreements** means a combination of the Bilateral Agreement and if relevant the Construction Agreement.
- 2.1.4 **Application Programme** means a programme to manage the application process and forms part of the Scheme Briefing Note. The Application Programme lists the milestones and the dates agreed by all parties are inserted.
- 2.1.5 **Host TO** means the Transmission Owner to which the DNO (who the Applicant is connecting to) is connected.
- 2.1.6 **Lead Person(s)** means a team made up of representatives from NGESO, Host TO, Affected TO(s) and Other Affected TO(s) (as appropriate), these individuals shall oversee the application process. These representatives shall collectively have the remit to agree the Application Programme, monitor progress and agree any changes. These Lead Person(s) are also responsible for resolving any disagreements relating to an NGESO Construction Application at first instance, prior to any necessary escalation. Dialogue will take place in person, by email, telephone or video conferencing as appropriate.
- 2.1.7 **Named Contact** means in terms of the TO, the person to initially receive the NGESO Construction Application and in terms of NGESO, the person to whom a User Application for the Use of System is sent in accordance with the CUSC.
- 2.1.8 **Other Affected TO(s)** means any Transmission Owner who is not a Host TO or an Affected TO, but which receives Construction Planning Assumptions or NGESO otherwise identifies that it is likely to be required to enter into a TO Construction Agreement in respect of the Construction Project.

3 Procedure

3.1 Nuclear Site Licence Provision

- 3.1.1 Where this process may interact with, impact upon or fall within the boundary of a Nuclear Site Licence holder's site, or may otherwise have any form of affect and/or implication for a nuclear power station, consideration must be given to the relevant provisions of the applicable Nuclear Site Licence Provisions Agreement, the CUSC Bilateral Connection Agreement for that site, paragraph 6.9.4 of the CUSC and Section G3 of the STC Code to ensure compliance with all of these obligations.

3.2 Basic Process

3.2.1 NGESO receives the User Application

- 3.2.1.1 NGESO Named Contact shall receive a completed User Application for use of the National Electricity Transmission System from an Applicant. This may include the results of any feasibility study work.

3.2.2 NGESO checks the User Application

- 3.2.2.1 The NGESO Named Contact shall appoint the NGESO Lead Person. The NGESO Lead Person shall check that the User Application is completed correctly. Where the User Application is not completed correctly or the correct fee is not received, the NGESO Lead Person shall inform the Applicant as soon as they determine that it is not correct. NGESO shall issue the Applicant with an invoice for the Application Fee.

The fee is dealt with by NGESO and the TO(s) in accordance with STCP 19-6 Application Fees.

- 3.2.2.2 The NGESO Lead Person shall determine who is the Host TO, Affected TO(s) and Other Affected TO(s).
- 3.2.2.3 The NGESO Lead Person shall utilise the information in the User Application to produce the relevant NGESO Construction Application, in accordance with Schedule 6 and/or Schedule 7 of the STC, for each of the Affected Parties. The NGESO Lead Person shall initially complete the appropriate Scheme Briefing Notes, with details from the User Application, the draft Application Programme dates, the Affected Parties, the NGESO Lead Person and a NGESO unique scheme number.
- 3.2.2.4 Within 3 Business Days of receipt of the User Application, the NGESO Lead Person shall send by email the relevant NGESO Construction Application and the appropriate Scheme Briefing Note to the TO Named Contacts.
- 3.2.2.5 The NGESO Construction Application will be sent to the Affected Parties within 3 Business Days of receipt of the User Application, regardless of whether the User Application is effective or not, so that the TO(s) are aware a User Application has been received. Should any Party decide to undertake any work on the NGESO Construction Application, before it is effective, then this will be at such Party's own risk.
- 3.2.2.6 An effective NGESO Construction Application is one that is technically effective and NGESO has informed the TO via the appropriate Scheme Briefing Note that the Application Fee has been cleared.

3.2.3 Receipt of an NGESO Construction Application acknowledged by TO(s)

- 3.2.3.1 Within 2 Business Days of receipt of the NGESO Construction Application, the Affected Parties shall acknowledge receipt of the NGESO Construction Application to the NGESO Lead Person by email.
- 3.2.3.2 The NGESO Lead Person and Affected Parties Lead Person(s) shall agree the date to meet to discuss the Application Programme and NGESO shall enter this date on the Scheme Briefing Notes.

3.2.4 NGESO shall be informed as to whether the NGESO Construction Application is technically effective or not

- 3.2.4.1 A technically effective NGESO Construction Application is where all the necessary technical data has been provided.
- 3.2.4.2 Within 5 Business Days of receipt of the NGESO Construction Application, the Host TO and Affected TO(s) (as appropriate) Lead Person(s) shall notify the NGESO Lead Person by email, as to whether the NGESO Construction Application is technically effective or not. Where the NGESO Construction Application is considered to be technically non-effective, then the Host TO and Affected TO(s) (as appropriate) Lead Person(s), shall e-mail to the NGESO Lead Person with detailed reasons as to why it considers it incomplete or unclear in a material respect and the amendments it considers are required to make it technically effective. This detail will also include the DNO network data identified by the Host TO as being required to process the NGESO Construction Application.

3.2.5 Applicant and TO(s) shall be informed that User Application is technically non-effective

- 3.2.5.1 A technically non-effective User Application is one where all technical data (including DNO network data) has not been received.
- 3.2.5.2 If the User Application is technically non-effective, the NGESO Lead Person shall inform the Applicant of what data is missing and that network data is being obtained from the DNO. The NGESO Lead Person shall ask the DNO for the network data identified as being required by the Host TO in section [3.2.4.23-2.6.4](#) in accordance

with the Grid Code. NGESO Lead Person shall update the Scheme Briefing Notes with the date the Applicant and DNO were contacted and email the appropriate Scheme Briefing Notes to the Affected Parties.

3.2.6 Resolve technical non-effectiveness

- 3.2.6.1 Where a NGESO Construction Application is technically non-effective as a consequence of the User Application being technically non-effective, the Host TO and Affected TO(s) (as appropriate) shall use reasonable endeavours to liaise and assist NGESO to resolve their elements of the technical non-effectiveness. In order to achieve this, NGESO may request the TO to resolve the technical non-effectiveness with the Applicant directly.
- 3.2.6.2 If the Applicant cannot submit the data (e.g. because data is not available for new technology) then the Lead Person(s) shall assess and advise the Parties whether to progress the NGESO Construction Application or not and note/agree any assumptions made. If the NGESO Construction Application is to continue then alternative data may be requested from the Applicant.
- 3.2.6.3 If the Lead Person(s) assess that the NGESO Construction Application cannot progress without the missing technical data then the NGESO Construction Application will be put on hold as ineffective. If and when the missing technical data is supplied to NGESO then the process will recommence from [3.2.73-2.9](#).

3.2.7 NGESO informed that their NGESO Construction Application is technically effective

- 3.2.7.1 On receipt of the missing/additional data from the Applicant, the NGESO Lead Person shall circulate the data to the Host TO and/or Affected TO(s) (as appropriate) Lead Person(s). The NGESO Lead Person shall also record on the Scheme Briefing Notes, the date of when the missing/additional technical data has been received and email the appropriate Scheme Briefing Note to each Affected Party.
- 3.2.7.2 On receipt of network data from the DNO, the NGESO Lead Person shall circulate the data to the Host TO and Affected TO(s) (as appropriate) Lead Person(s). The NGESO Lead Person shall also record on the Scheme Briefing Notes, the date of when the missing/additional technical data has been received and email the appropriate Scheme Briefing Note to each Affected Party.
- 3.2.7.3 Within 3 Business Days of receipt of the missing/additional data, the Host TO and Affected TO(s) (as appropriate) Lead Person(s) shall confirm to the NGESO Lead Person by email whether their NGESO Construction Application is now technically effective. If the NGESO Construction Application is still not technically effective then the process returns to [3.2.43-2.6](#) otherwise proceed to [3.2.83-2.10](#).

3.2.8 NGESO confirms User Application Date and NGESO Application Date

- 3.2.8.1 Once the NGESO Construction Application is technically effective and the Application Fee has cleared the NGESO Lead Person shall update the Scheme Briefing Notes with the User Application Date, NGESO Application Date and the draft Application Programme dates and emails the appropriate Scheme Briefing Note to each Affected Party.

3.2.9 Affected Parties provided with the Construction Planning Assumptions

- 3.2.9.1 If NGESO generates Construction Planning Assumptions it shall forward the Construction Planning Assumptions, including any updates to the network model, to the Affected Parties' Lead Person(s) within 5 Business Days of the User Application Date.
- 3.2.9.2 If there is a delay between receipt of the User Application and the User Application being effective, it may be necessary for NGESO to provide the Affected Parties with revised and updated Construction Planning Assumptions, which take account of the

generation and Demand backgrounds in STCP 22-1 Production of Models for National Electricity System Planning.

- 3.2.9.3 NGESO may change, or Affected Parties may request a change to, the Construction Planning Assumptions (see 3.3.3).

3.2.10 Affected Parties assess the Construction Planning Assumptions and draft Application Programme

- 3.2.10.1 The Affected Parties shall assess the Construction Planning Assumptions and consider any implications to the draft Application Programme.

- 3.2.10.2 The Affected Parties' Lead Person(s) shall amend or confirm the draft Application Programme to the NGESO Lead Person one Business Day prior to the meeting to agree the Application Programme or within 21 calendar days from receipt of effective NGESO Construction Application by Affected Parties, whichever is the earlier.

3.2.11 NGESO and the Affected Parties create National Electricity Transmission System models

- 3.2.11.1 NGESO and the Affected Parties shall, where required for an application, each take the relevant Construction Planning Assumptions, together with the relevant network models and create a series of consistent National Electricity Transmission System

models in accordance with STCP22-1 Production of Models for National Electricity Transmission System Planning.

3.2.12 The Affected Parties assess the impact of the NGESO Construction Application on their respective Transmission System

3.2.12.1 The Affected Parties shall assess the impact of the NGESO Construction Application on their respective Transmission System. The Affected Parties shall carry out the assessment in accordance with the Application Programme.

3.2.14.2 If the Affected Parties determine that there is no impact then they shall inform NGET by email that there are no Transmission Construction Works required by return email and within a maximum of 21 calendar days from receipt of effective NGET Construction Application (or such other time as may be agreed). At the same time as notifying NGET that they shall not be submitting a TO Construction Offer, the Affected Parties shall also notify NGET of any technical design or operational criteria which they intend to assume will apply to User Equipment at the Relevant Connection Site.

3.2.14.3 If the Affected Parties determine that there is an impact on their respective Transmission System then they will agree an Application Programme with NGET to enable NGET to make the Use of System Offer. NGET shall continue to make the Use of System Offer to the Applicant within 3 months of User Application Date by following the STCP 18-1 Connection and Modification Application process from where the Affected Parties assess the impact of the NGET Construction Application to the end of the process

3.2.13 NGESO issues Use of System Offer

3.2.13.1 NGESO shall complete and issue the Use of System Offer to the Applicant in accordance with the CUSC.

3.2.14 Post Use of System Offer negotiation

3.2.14.1 If the Applicant requests clarification on certain aspects of the Use of System Offer or requests a meeting to clarify certain aspects of the Use of System Offer, NGESO and the Affected Parties shall provide all reasonable assistance to answer any queries raised by the Applicant. NGESO and the Affected Parties shall accommodate a request for a meeting at the convenience of all relevant parties.

3.2.14.2 Should the Applicant require a change to the Use of System Offer or request the extension of the offer acceptance period, NGESO and the Affected Parties shall use reasonable endeavours to agree whether this is a material change requiring a new User Application or not. Where a new User Application is not required, NGESO and the Affected Parties shall agree the process and timescales for agreeing a change to the terms of the original response to the NGESO Construction Application. NGESO shall advise the Applicant of the timescales for the revised Use of System Offer or whether a new User Application is required.

3.2.15 Applicant signs Use of System Offer Agreements

3.2.15.1 When signed Use of System Agreements are returned from the Applicant, the NGESO Lead Person shall send two copies of the duly executed original of the Transmission Owners Construction Agreement which has given rise to the Use of System Agreements to the TO.

3.3 Subsidiary Processes

3.3.1 Requests for extension to application process timescale

3.3.1.1 NGESO may request from the Authority an extension in timescales for providing an Offer to an Applicant under its Transmission Licence. The STC allows NGESO to agree alternative timescales for the provision of a TO Construction Offer from a TO.

- 3.3.1.2 A TO may request from the Authority an extension in timescales for providing a response to an NGESO Construction Application under its Transmission Licence. Where a TO has been granted an extension by the Authority, NGESO may need to separately request an extension in timescales for providing an Offer to an Applicant under its Transmission Licence.
- 3.3.1.3 It may be necessary at any stage of the application process for an extension to the application timescales to be considered. Where a Party identifies the need for an extension in timescales then this request shall initially be discussed by the Lead Person(s). If the Lead Person(s) agree that there is a need for an extension, NGESO shall submit an application to the Authority for an extension in timescales. The Affected Parties shall provide any relevant information reasonably requested by NGESO to enable NGESO to make a timely submission for such an extension to the application timescales.
- 3.3.1.4 Where a Party requires an extension to its timescales and the Lead Person(s) do not agree then that Party may submit such a request to the Authority. Any Party submitting such a request to the Authority shall inform (as appropriate) NGESO and the other Affected Parties of the request. NGESO may need to separately submit a request to the Authority for an extension to its application timescales. The Affected Party shall provide any relevant information requested by NGESO to enable NGESO to make a timely submission for such an extension to its application timescales.
- 3.3.1.5 NGESO and the Affected Parties shall work to the agreed Application Programme, unless notified by the Party making the request that the Authority has granted an extension to its application timescales. If an extension to the application timescales is granted, the Parties shall discuss the Application Programme and the NGESO Lead Person shall update the Scheme Briefing Notes as necessary and email the appropriate updated Scheme Briefing Note to each Affected Party.

3.3.2 Amendments to User Application by Applicant

- 3.3.2.1 If details of the User Application change after the User Application has been submitted, then NGESO and the Affected Parties shall assess what impact this will have on the ability of the Affected Parties to respond to the NGESO Construction Application to NGESO in the required timescales. NGESO shall then advise the Applicant on whether the changes are likely to have a Material Impact on NGESO's planned Use of System Offer in terms of use of the National Electricity Transmission System and whether the timescales need to be revised as a result of the amendment.
- 3.3.2.2 If the change will not have a Material Impact on the Affected Parties ability to respond to the NGESO Construction Application to NGESO and subsequently NGESO's ability to make the Use of System Offer to the Applicant in the required timescales, then the Affected Parties shall proceed to make their response to the NGESO Construction Application as planned.
- 3.3.2.3 If the change is to have a Material Impact on the Affected Parties ability to respond to the NGESO Construction Application to NGESO and/or NGESO's subsequent ability to make the Use of System Offer to the Applicant in the required timescales, then the relevant STC Parties have the choice of:
- requesting an extension of time (using the process set out in 3.3.1); or
 - requesting the Applicant to withdraw the original User Application and submit a new User Application with the new details.

3.3.3 Modifications to Construction Planning Assumptions

3.3.3.1 NGESO initiated modifications to Construction Planning Assumptions prior to issue of the Use of System Offer to the Applicant

- 3.3.3.1.1 At any time after providing the TO(s) with the Construction Planning Assumptions and prior to receipt of the response to the NGESO Construction Application, NGESO may decide to change the Construction Planning Assumptions.

3.3.3.1.2 NGESO may decide to convene a meeting of the Lead person(s) to discuss the revision of the Construction Planning Assumptions giving Affected Parties reasonable notice in writing.

3.3.3.1.3 NGESO shall provide the revised Construction Planning Assumptions and request confirmation from the TO that the TO will meet the Application Programme. This may be at the meeting convened by the Lead Person(s) in 3.3.3.1.2.

3.3.3.1.4 The Affected Parties shall either confirm the Application Programme timescales or request a revision to the Application Programme. Where a requested revision to the Application Programme requires an extension to the application timescales then the process under 3.3.1 will be followed.

3.3.3.2 TO initiated modifications to Construction Planning Assumptions prior to issue of the Use of System Offer to the Applicant

3.3.3.2.1 At any time prior to issuing its response to the NGESO Construction Application, the TO may submit a request to NGESO for a change to the Construction Planning Assumptions, including reasons for the request.

3.3.3.2.2 NGESO may decide to convene a meeting of the Lead Person(s) to discuss the request for revision of the Construction Planning Assumptions giving Affected Parties reasonable notice in writing.

3.3.3.2.3 NGESO shall consider how it will address the request and notify the TO and any other TO materially affected by the requested change. Where relevant NGESO shall issue revised Construction Planning Assumptions and request confirmation from the TO that the TO will meet the Application Programme. This may be at the meeting of the Lead Person(s) convened in 3.3.3.2.2.

3.3.3.2.4 The Affected Parties shall either confirm the Application Programme timescales or request a revision to the Application Programme. Where a requested revision to the Application Programme requires an extension to the application timescales then the process under 3.3.1 will be followed.

3.3.3.2.5 Notwithstanding any request submitted by the TO each Affected Party shall continue to take into account the Construction Planning Assumptions provided by NGESO.

3.3.3.3 NGESO initiated modifications to Construction Planning Assumptions after issue of the Use of System Offer

3.3.3.3.1 At any time after issuing of the Use of System Offer to the Applicant and prior to the acceptance of the Use of System Offer or the lapsing of the Use of System Offer, NGESO may decide to change the Construction Planning Assumptions e.g. due to an interactive offer being accepted, a Disconnection, a TEC increase etc.

3.3.3.3.2 In such circumstances, NGESO shall convene a meeting of the Lead Person(s) to discuss the revision of the Construction Planning Assumptions and a programme for a revised response to the NGESO Construction Application and a revised Use of System Offer to the Applicant. This will be based on relevant paragraphs from [3.2.103-2-42](#).

3.3.3.3.3 NGESO shall provide to each Affected Party the revised Construction Planning Assumptions and a new Scheme Briefing Note setting out the revised Application Programme.

3.3.3.4 TO initiated modifications to Construction Planning Assumptions after issue of the Use of System Offer by NGESO

3.3.3.4.1 At any time after issuing the Use of System Offer to the Applicant and prior to the acceptance or lapse of the Use of System Offer, the TO may make a request to NGESO to change the Construction Planning Assumptions such request shall include reasons for the request.

3.3.3.4.2 NGESO may decide to convene a meeting of the Lead Person(s) to discuss the request for revision of the Construction Planning Assumptions.

3.3.3.4.3 NGESO shall consider whether or not and, where relevant, how it intends to address the request and notify the TO and any other TO materially affected by the requested change.

3.3.3.4.4 Where NGESO decides to revise the Construction Planning Assumptions, NGESO shall convene a meeting of the Lead Person(s) to discuss the revision of the Construction Planning Assumptions and a programme for a revised response to the NGESO Construction Application. This will be based on relevant paragraphs from [3.2.103.2.12](#).

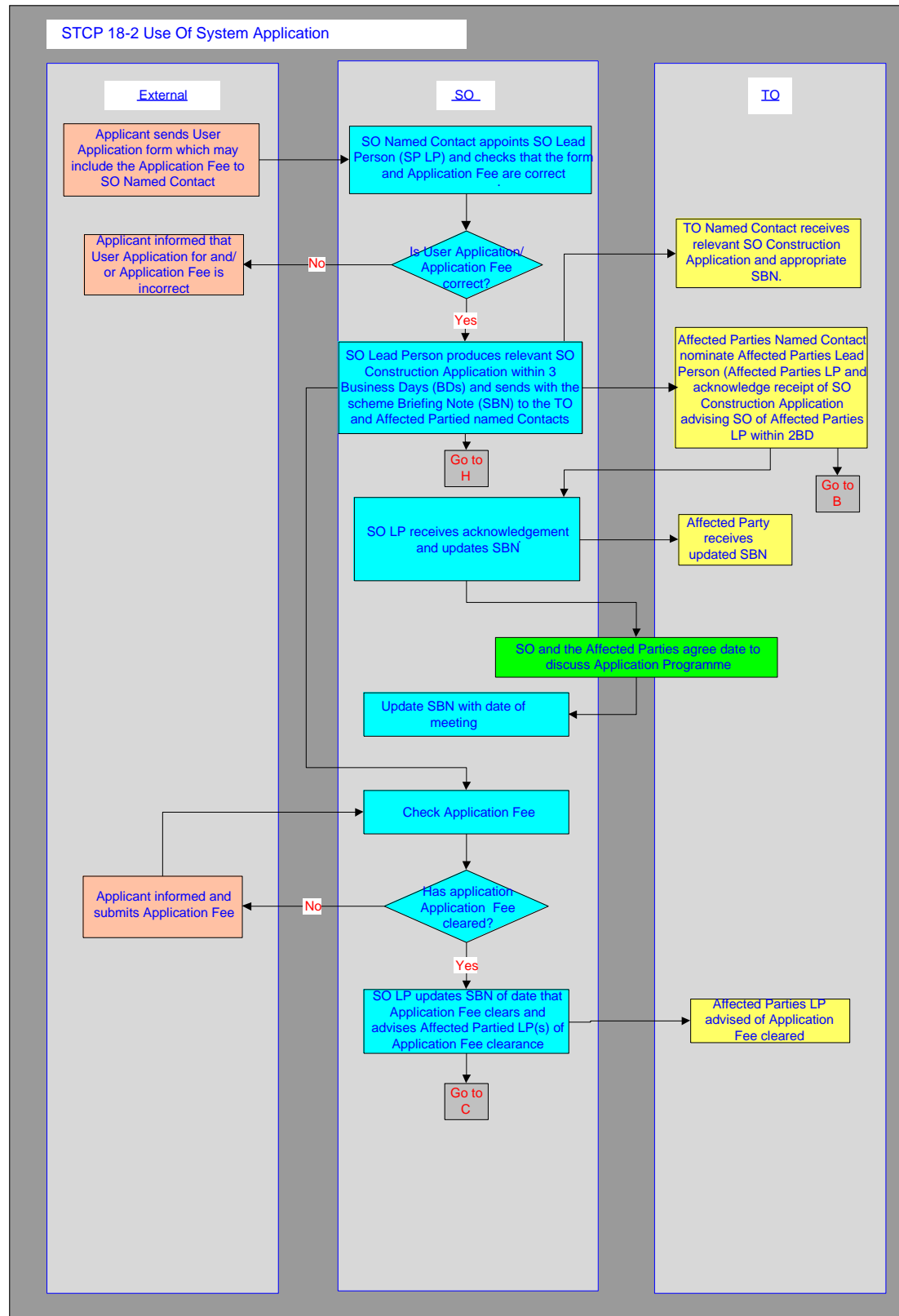
3.3.3.4.5 NGESO shall provide the revised Construction Planning Assumptions and a new Scheme Briefing Note setting out the revised Application Programme.

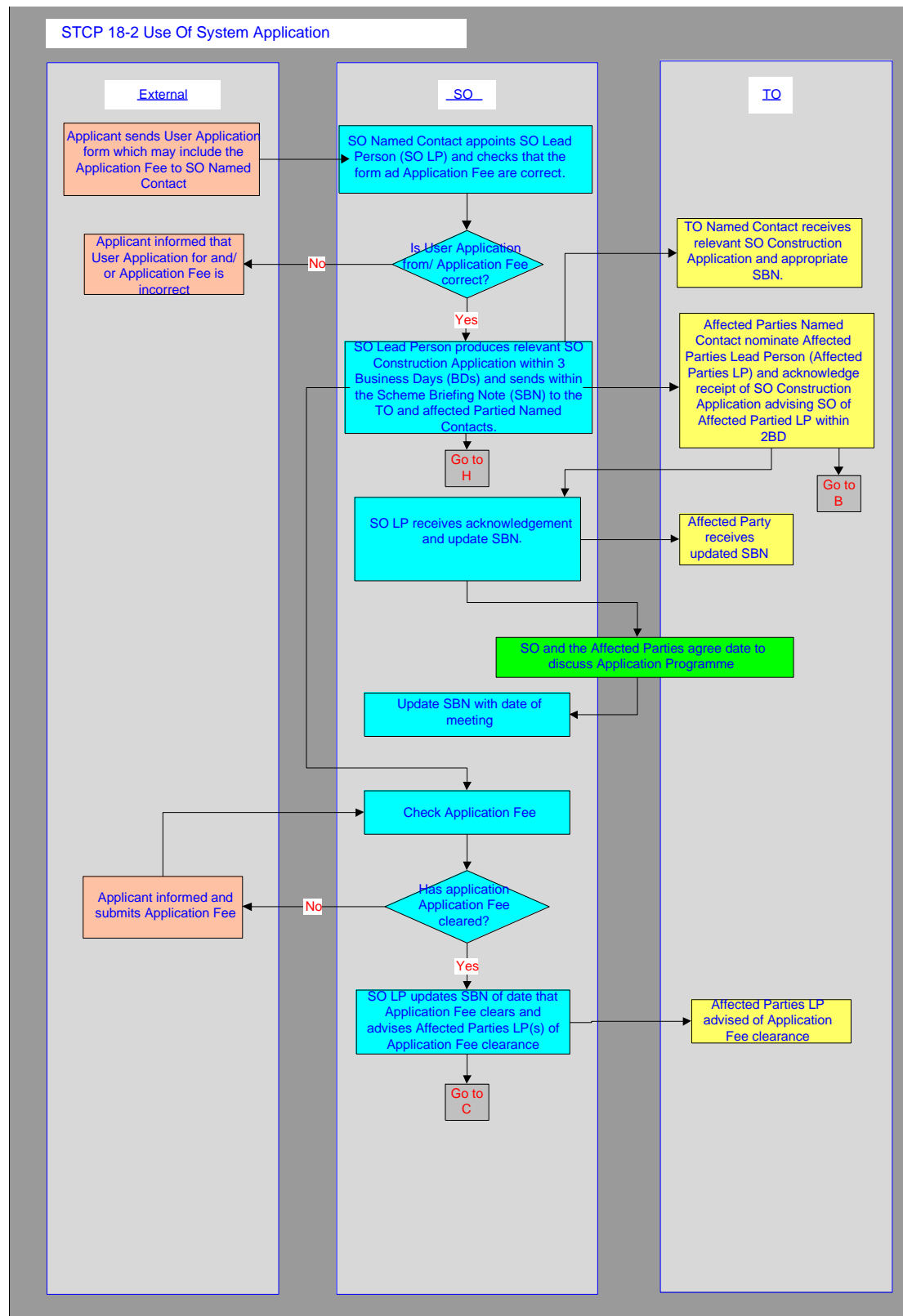
3.3.4 Withdrawal of a User Application by the Applicant

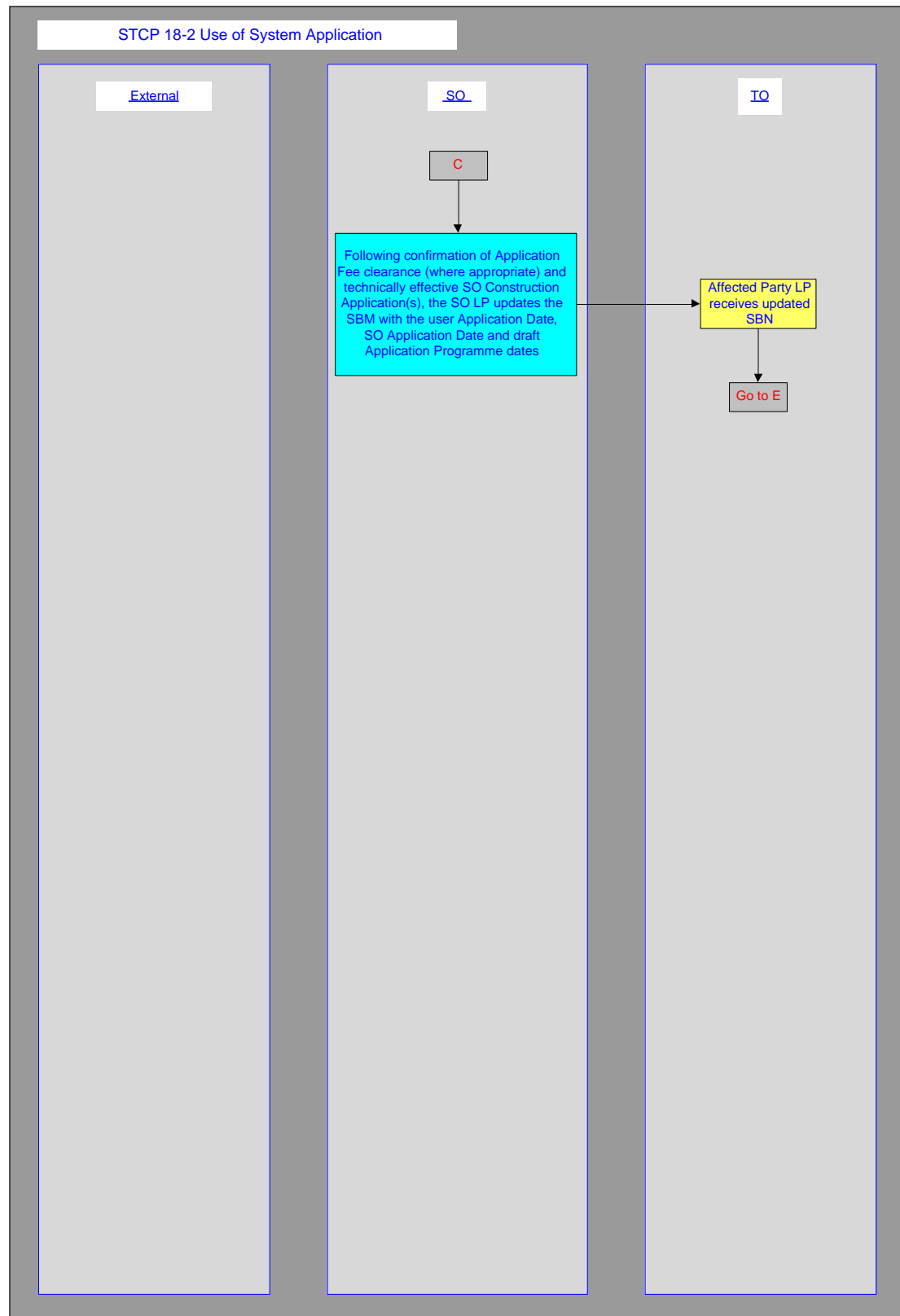
3.4 Where an Applicant withdraws ~~his~~their User Application, NGESO shall update the Scheme Briefing Notes and shall email the appropriate Scheme Briefing Notes to the Affected Parties within 2 Business Days.

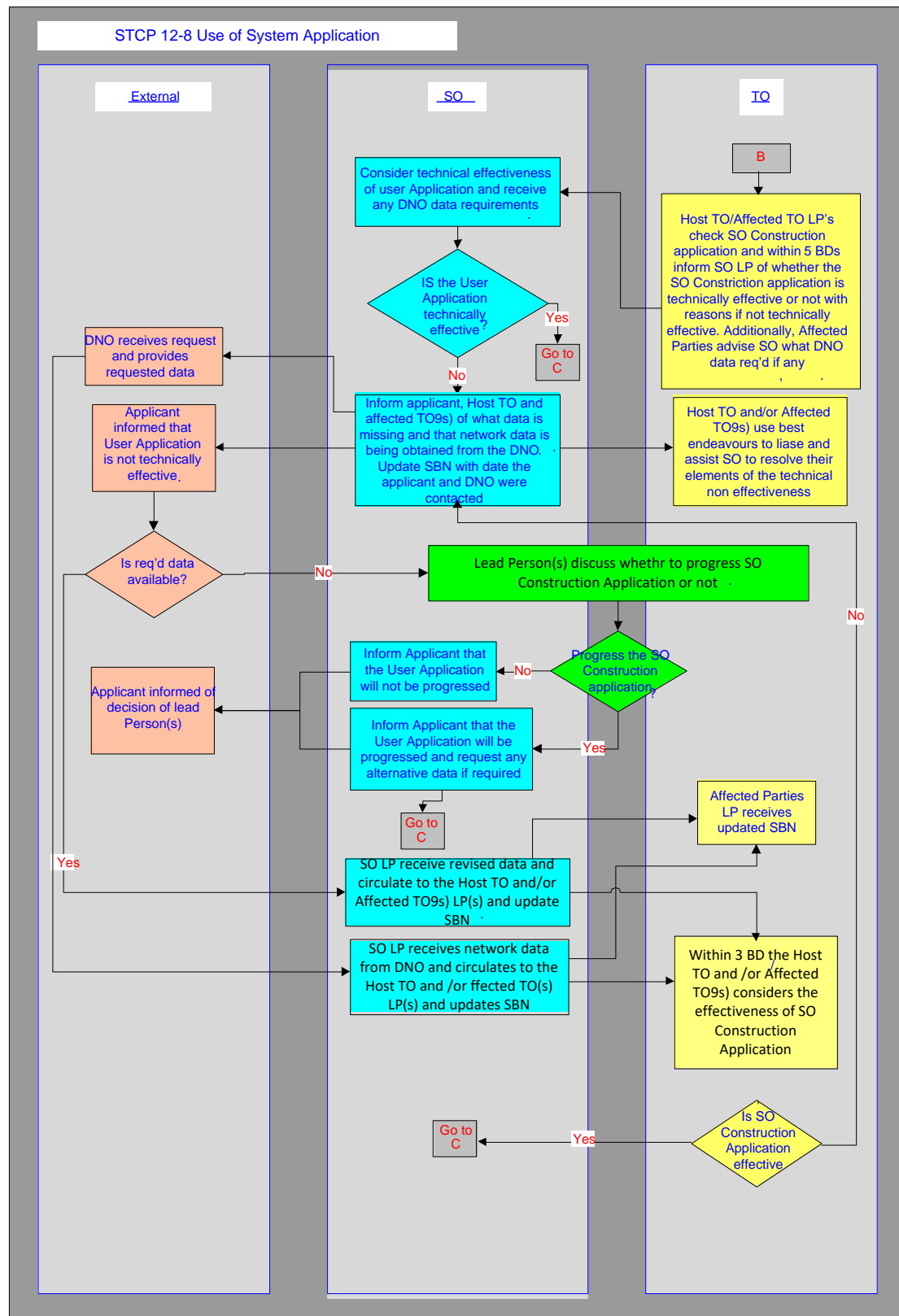
Appendix A: Flow Diagram

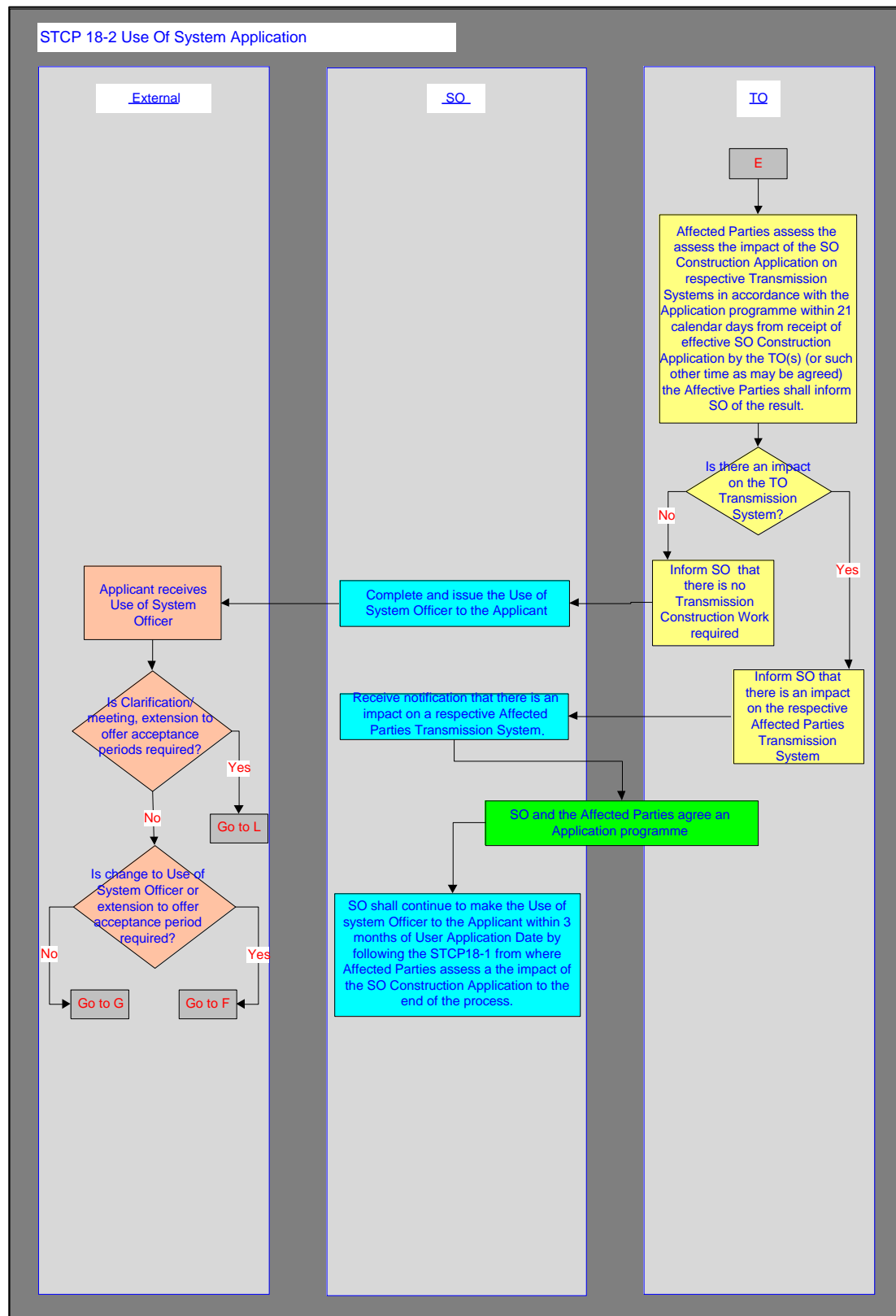
Note that the Process Diagrams shown in this Appendix A are for information only. In the event of any contradiction between the process represented in this Appendix A and the process described elsewhere in this STCP, then the text elsewhere in this STCP shall prevail.

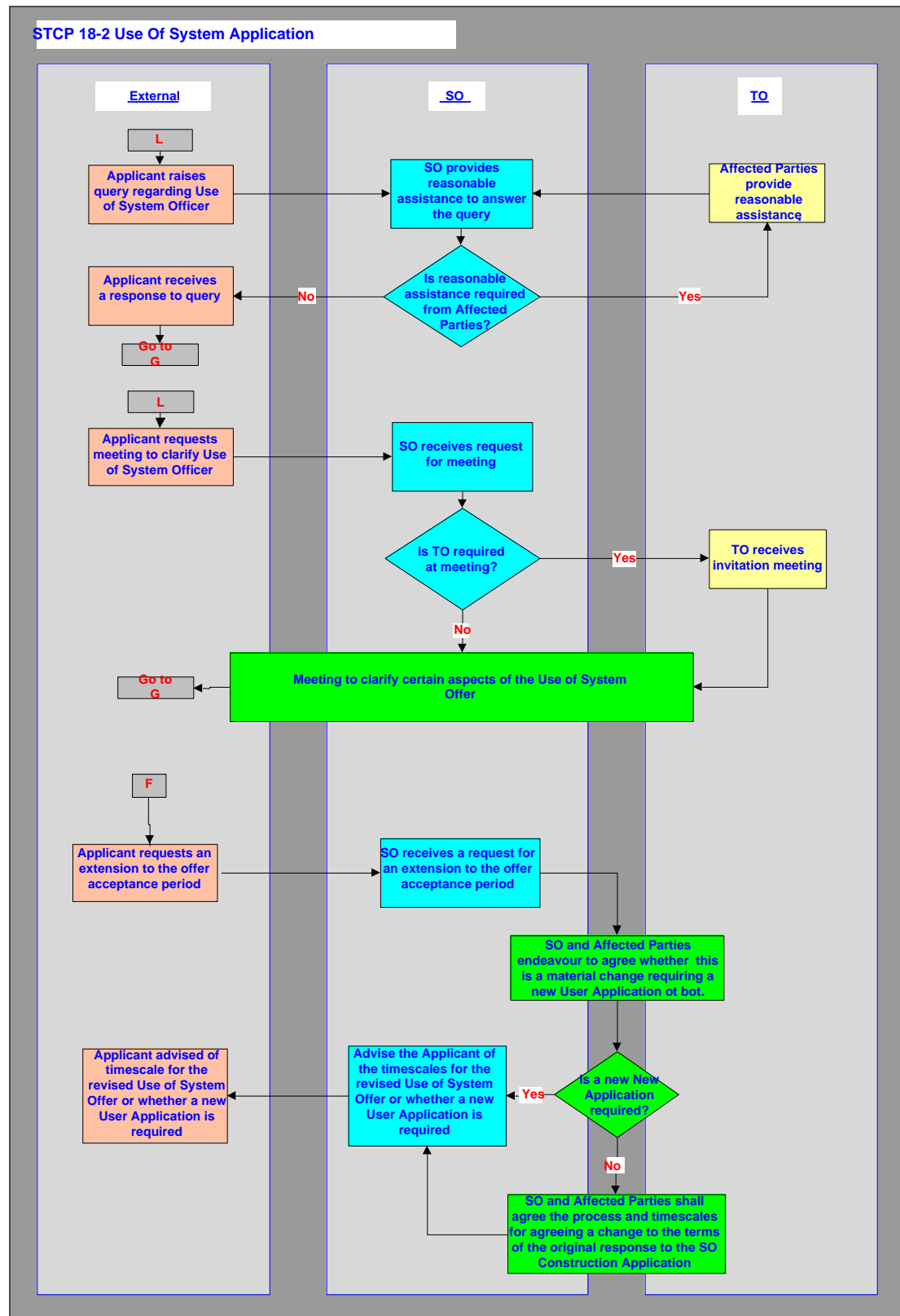




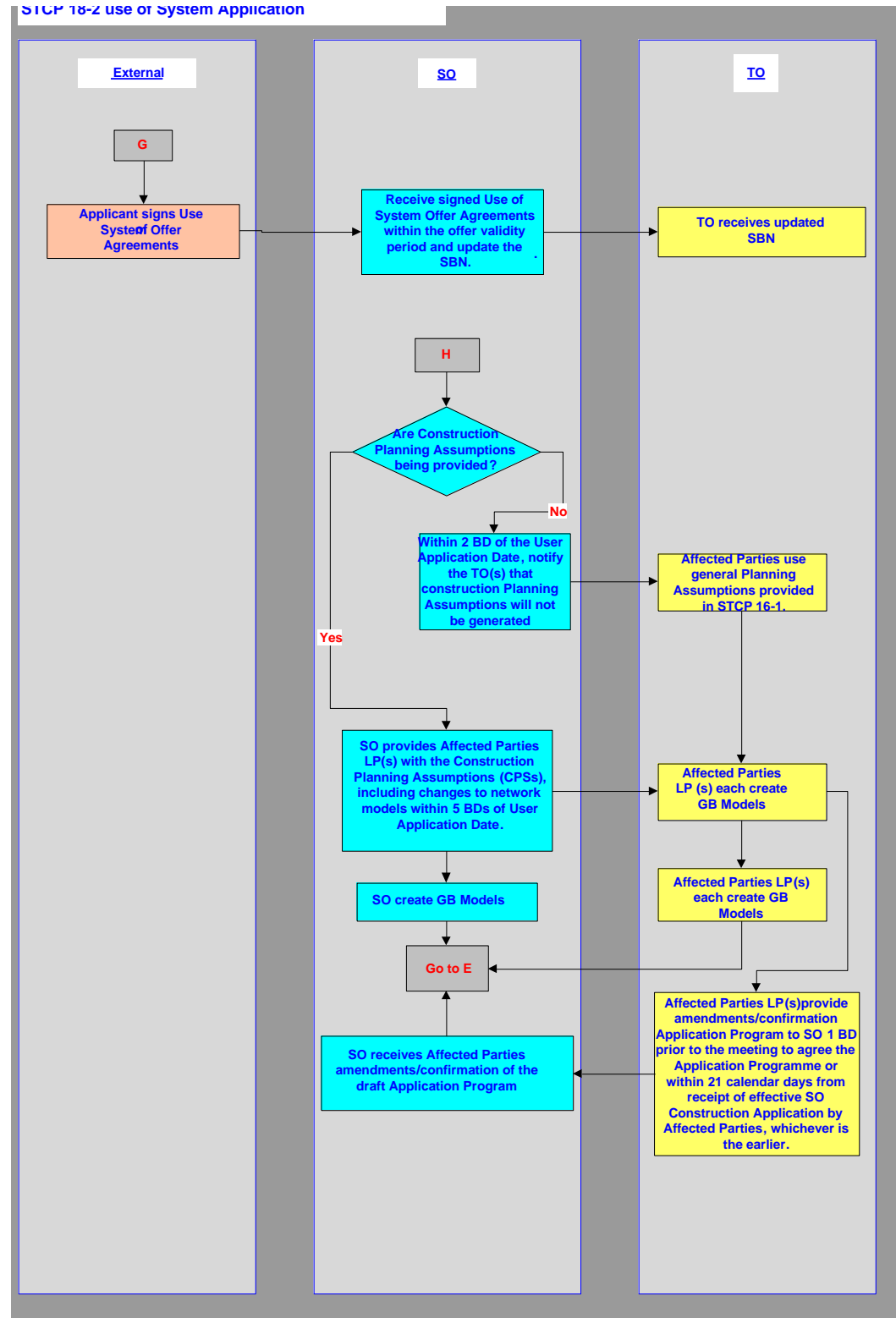


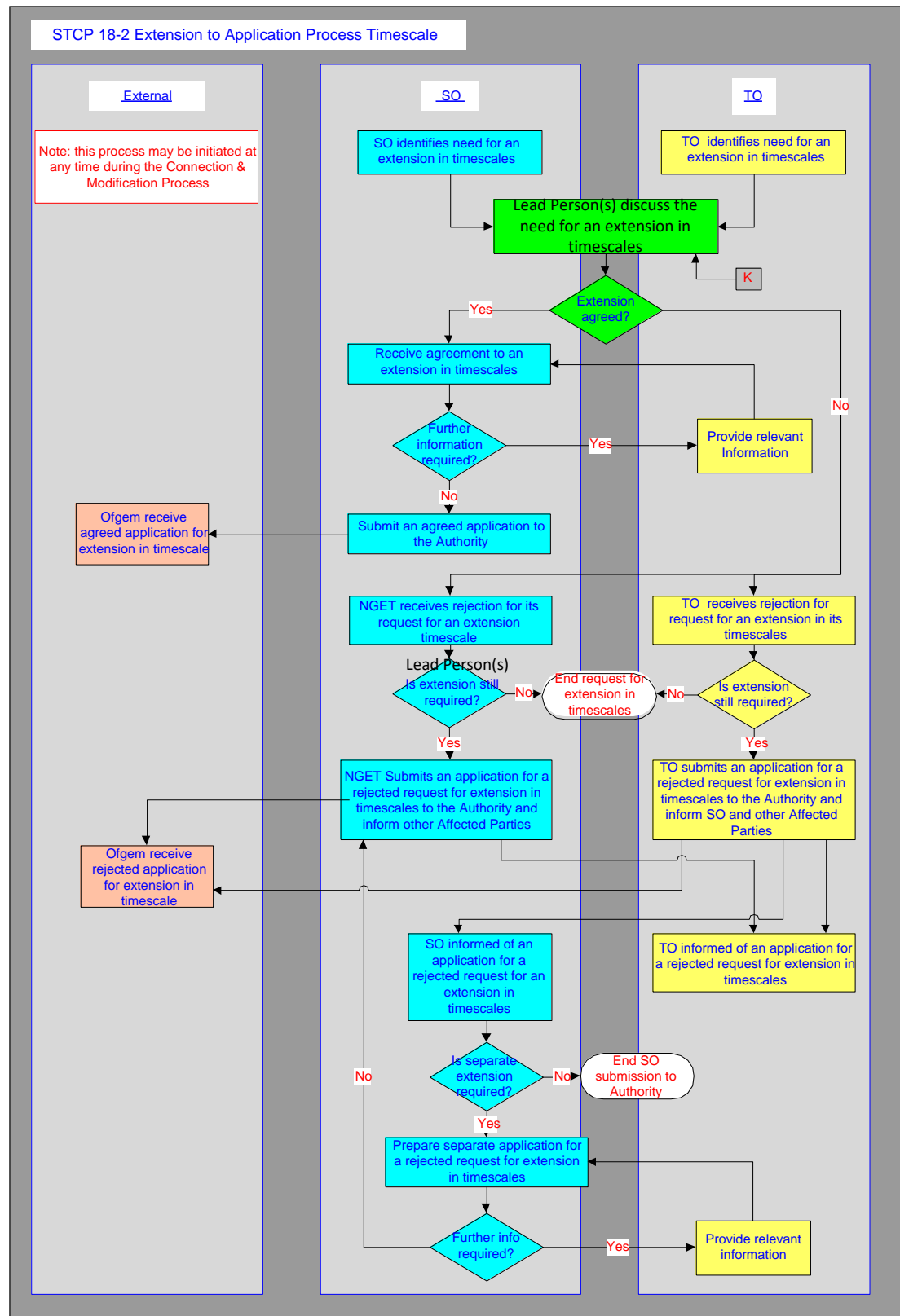


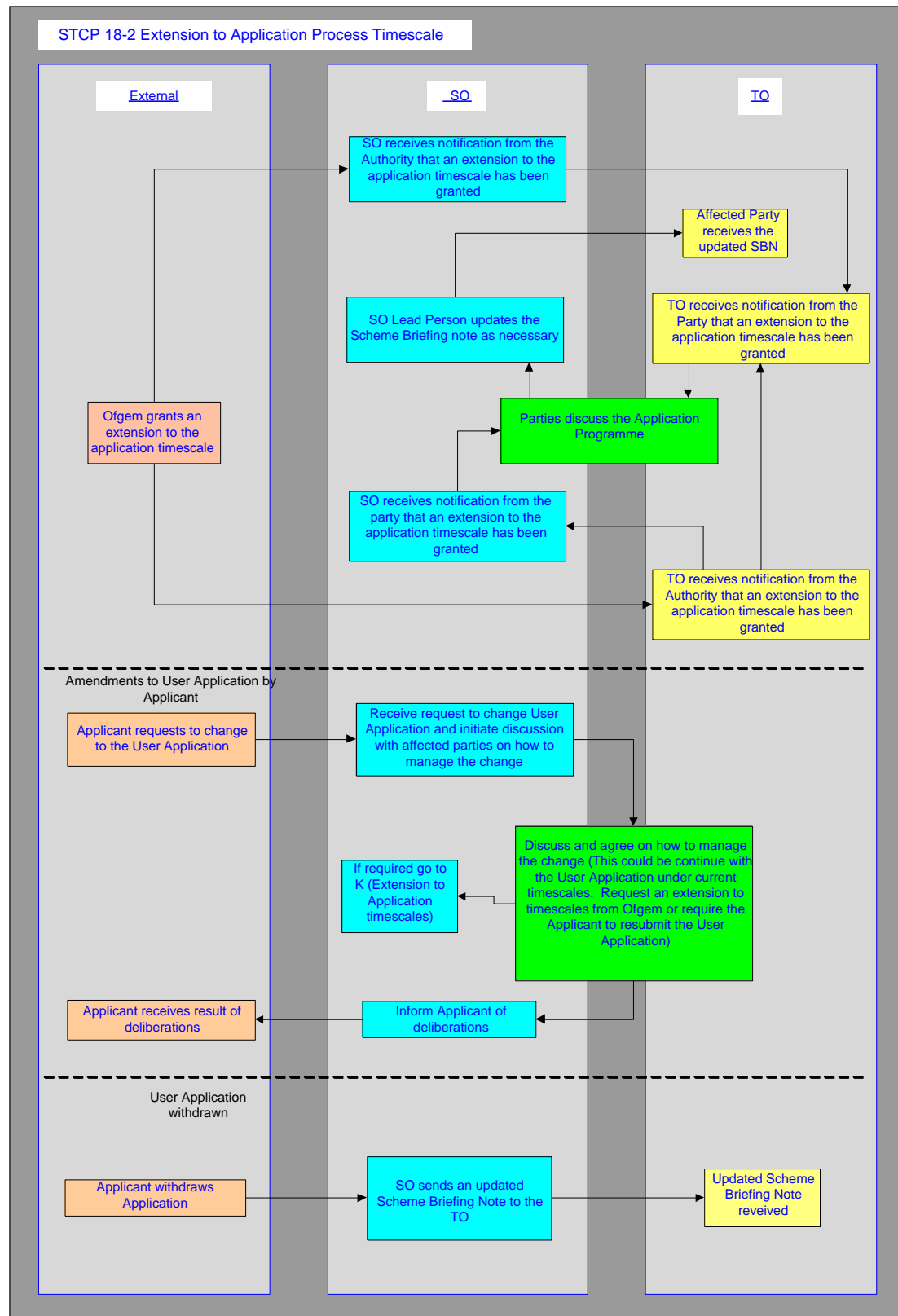


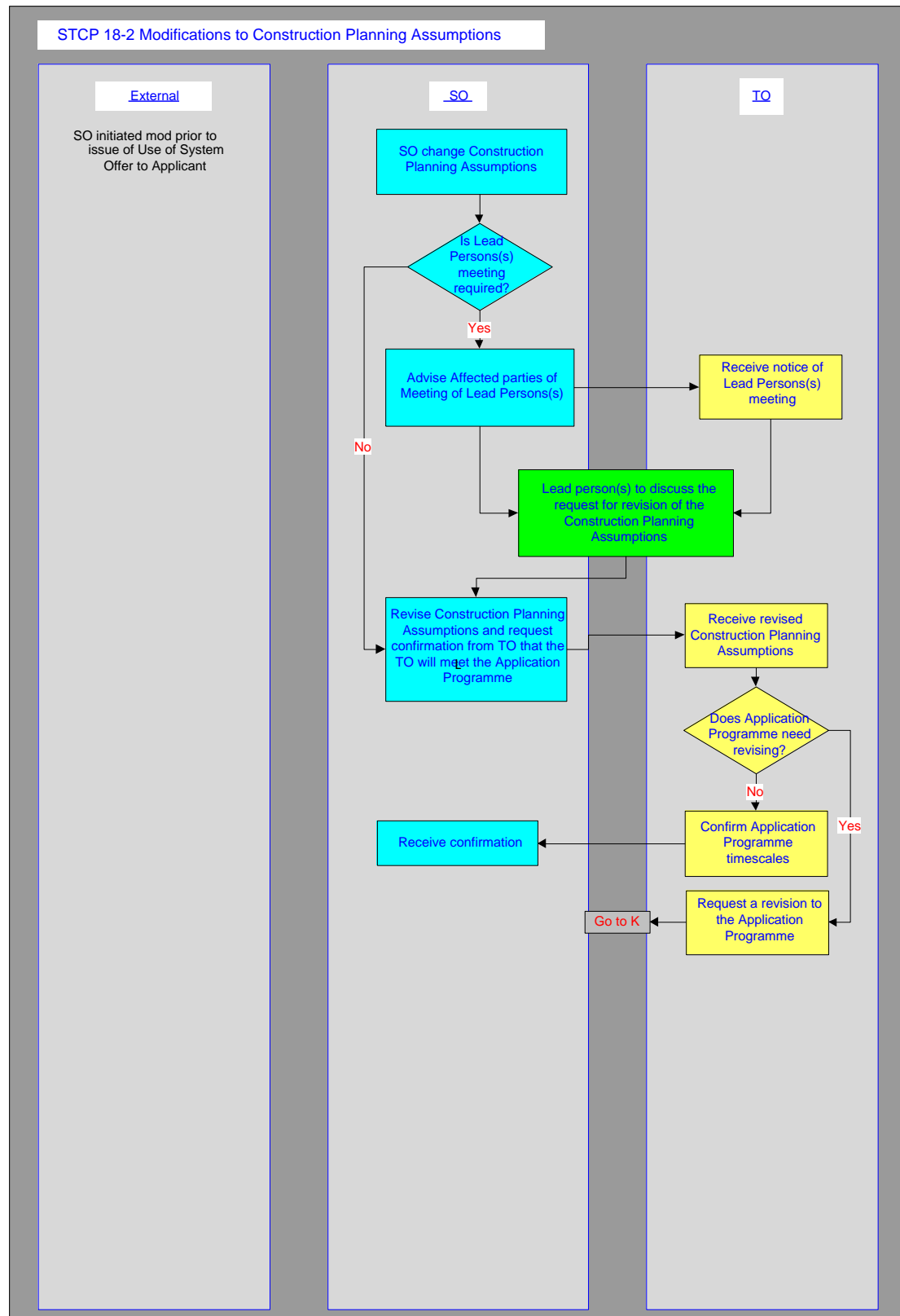


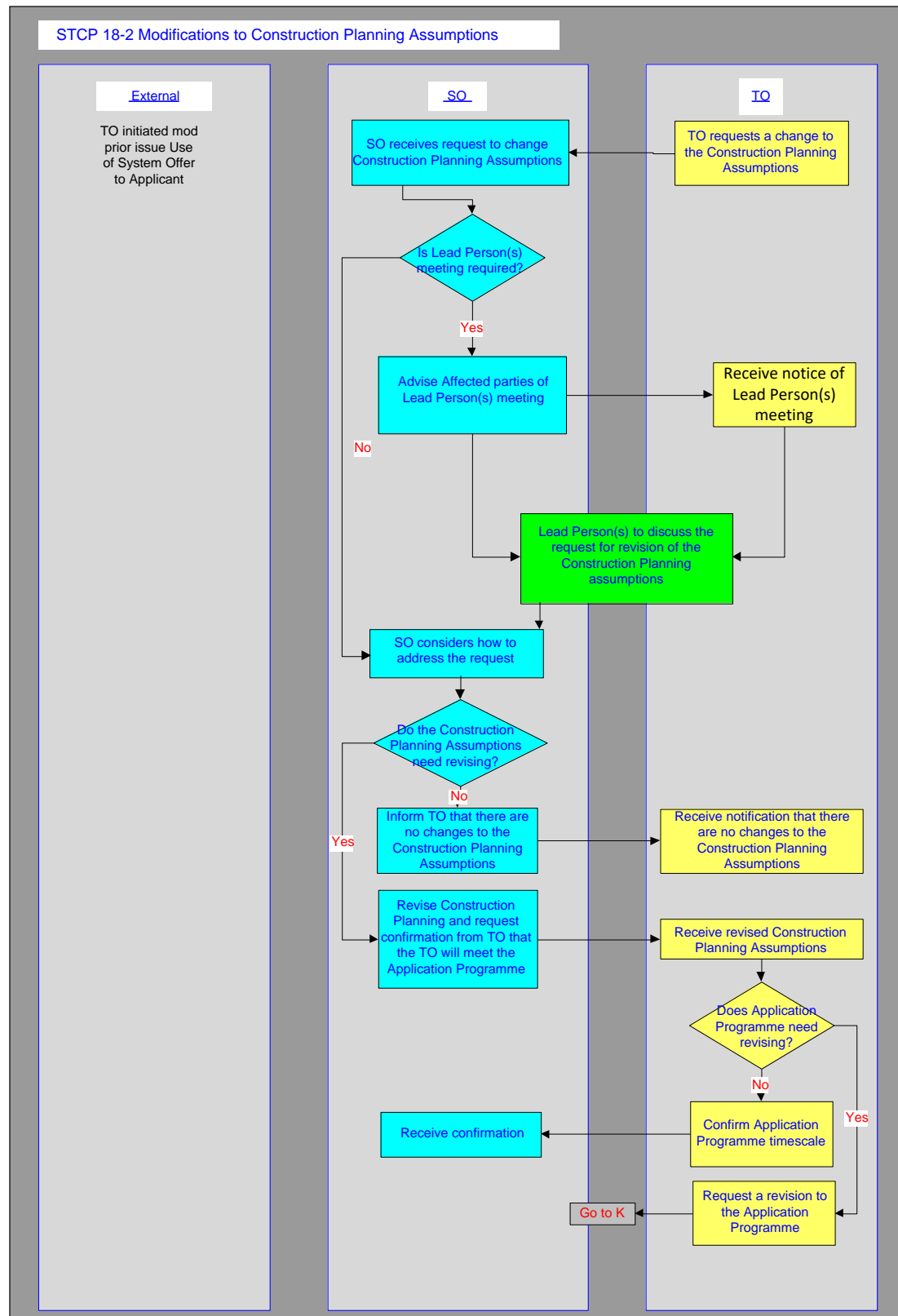
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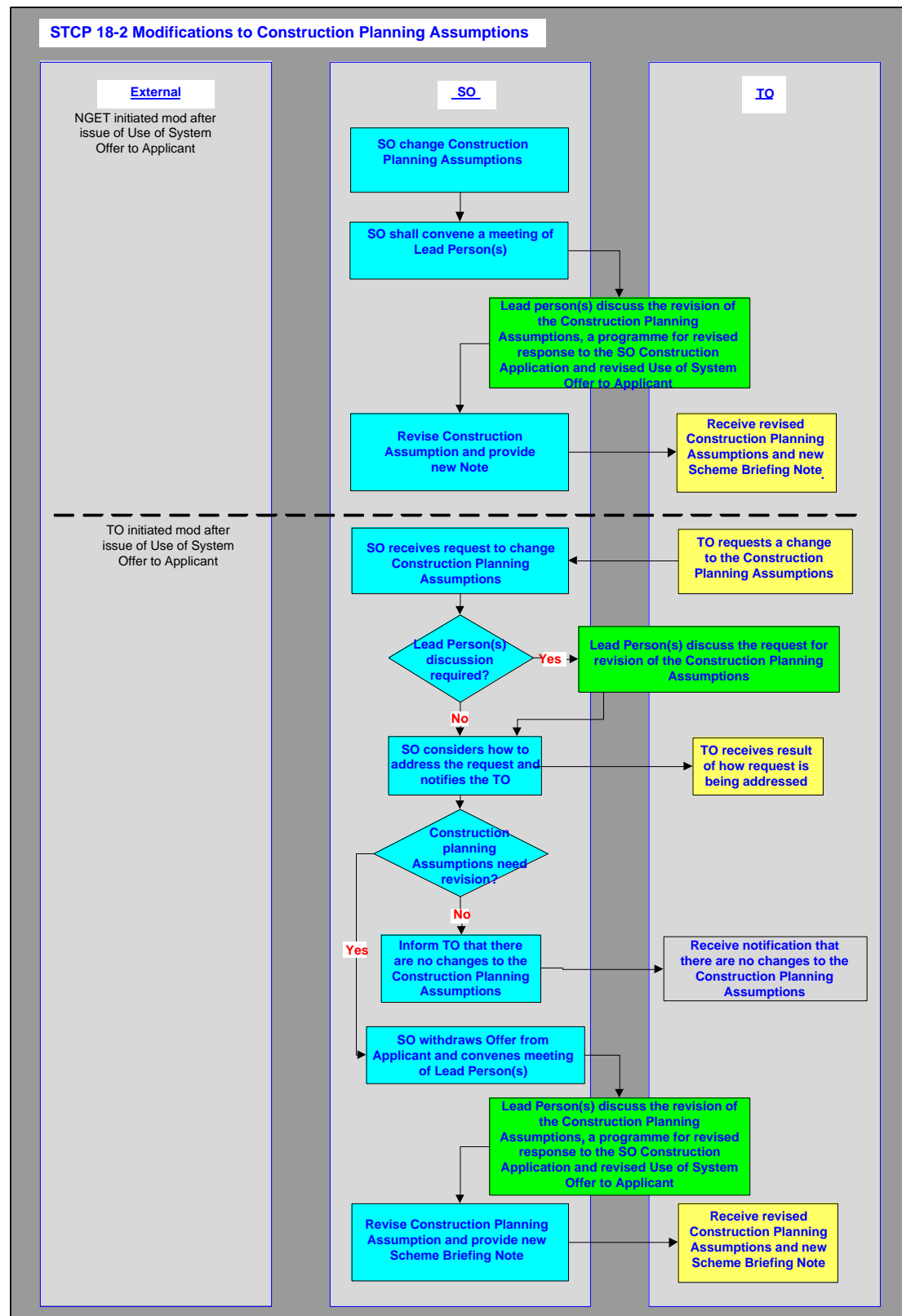












Appendix B: Abbreviations & Definitions

Affected TO	Affected Transmission Owner
DNO	Distribution Network Operator
Host TO	Host Transmission Owner
Other Affected TO	Other Affected Transmission Owner
SBN	Scheme Briefing Note (see STCP18-1 Connection and Modification Application)
SHET	Scottish Hydro Electric Transmission plc
SPT	SP Transmission Limited plc
TO	Transmission Owner

Definitions

STC definitions used:

Business Day
Connection
Connection Site
Construction Planning Assumptions
CUSC
Dispute
National Electricity Transmission System
Generator
Grid Code
Modification
NGESO
NGET
NGESO Application Date
NGESO Construction Application
Party
Relevant Connection Site
System
TO Construction Agreement
TO Construction Offer
Transmission
Transmission Connection Assets
Transmission Construction Works
Transmission Licence
Transmission Owner
Transmission System
User Application
User Application Date
User Equipment

CUSC definitions used:

Applicant
Authority
Bilateral Connection Agreement
Connection Site
Construction Agreement
Demand
Distribution Interconnector Owner
Embedded
Modification Application
Modification Notification
Modification Offer
Small Power Station Trading Party

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Transmission Licence

Use of System

Use of System Offer

Definition used from other STCPs:

Application Fee STCP19-6: Application Fee

Scheme Briefing Note STCP18-1: Connection and Modification Application

Material Impact STCP18-1: Connection and Modification Application