

STCP 4-2 Version 001 Real Time Datalink Management

STC Procedure Document Authorisation

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

STC Procedure Change Control History

Version 001 - 21/12/04

(to follow STEG agreed format)

Outstanding issues to be resolved prior to company sign-off

Outstanding issues to be resolved post company sign-off

1. Check to process required when SCS is available.
2. Dispute resolution process – further details if needed
3. Decision on referencing of Grid Code
4. Review 11-1 to ensure conformity

1. Introduction

1.1 Scope

1.1.1 The provision of a resilient Datalink is essential for the continuous transmission of real time data from the TO to NGC to enable NGC to have an overview of the TO's Transmission System. This document details the responsibilities and obligations on NGC and the TO with regard to the management and support of the Datalink.

1.1.2 This document applies to NGC and each TO.

1.1.3 for the purposes of this STCP, TOs are:

- SPT; and
- SHETL.

1.2 Objectives

1.2.1 This process specifies the responsibilities and obligations on NGC and the TOs in relation to the Datalink, including:

- infrastructure ownership boundaries;
- management in real time; and
- change management.

2 Key Definitions and Interpretations

2.1.1 Datalink means the infrastructure that enables the transfer of real time SCADA data from the relevant TO to NGC, as defined in Appendix C.

3 Procedure

3.1 Datalink Provisions

3.1.1 The diagrams in Appendix C illustrates the ownership and support boundaries of the infrastructure associated with the real-time Datalink.

3.1.2 Any changes to the configuration of the infrastructure illustrated in Appendix C shall be agreed between NGC and the relevant TO prior to implementation.

3.1.3 Each TO shall provide a resilient Datalink to interface with the NGC Datalink, in line with Good Industry Practice.

3.1.4 The specification of the TO Datalink infrastructure, it's level of resiliency, supporting services and facilities shall be included in that TO's Services Capability Specification.

3.1.5 NGC shall provide a resilient Datalink to interface with each TOs' Datalink, in line with Good Industry Practice.

3.2 Alarm & Fault Management of the Datalink

- 3.2.1 When a TO receives a Datalink alarm or is made aware of a fault that affects Datalink equipment at a TO site, the relevant TO shall notify NGC of such alarm or fault.
- 3.2.2 Where the alarm or fault is on the TO Datalink, the TO shall report any Service Reduction or Service Reduction Risk in accordance with STCP 2-1 Alarm and Event Management.
- 3.2.3 Where NGC is in receipt of an alarm, or is made aware of a fault that affects the TO Datalink NGC shall notify the relevant TO of the alarm or fault in accordance with STCP 2-1 (Alarm and Event Management).
- 3.2.4 Where the TO owns the equipment associated with the alarm of fault, it shall arrange, through communication with NGC, for resolution in line with the standing Service Restoration Proposal.
- 3.2.5 Where NGC is in receipt of an alarm, or is made aware of a fault that affects the NGC Datalink, they shall notify the relevant TO as soon as reasonably practicable and arrange for resolution in line with agreed support arrangements.

3.3 Change Management

- 3.3.1 Change management shall be carried out in line with STCP 4-1 (Real Time Data Change Management).

3.4 Outage Co-ordination

- 3.4.1 NGC shall notify the TO of any proposed outage on the NGC Datalink.
- 3.4.2 The TO shall notify NGC of any proposed outages on the TO Datalink. The TO shall advise NGC on the works duration, content, its impact on the operation of the Datalink, and any other measures to mitigate the effect of the outage.
- 3.4.3 NGC or the relevant TO shall provide the other party with sufficient notice of a planned outage on any element of the Datalink, or data communication systems, where it may effect the resiliency of its operation.

3.5 Site Access and Support Arrangements

- 3.5.1 Site access and support arrangements between NGC and the relevant TO shall allow NGC access to the NGC Datalink at TO sites for service restoration.
- 3.5.2 The TO shall ensure that there are support arrangements with associated levels of service to enable restoration or maintenance of the TO Datalink as part of the standing TO Service Restoration Proposal. NGC shall ensure that there are equivalent support arrangements with associated levels of service to enable restoration or maintenance of the NGC Datalink.
- 3.5.3 Where User consent for access is required, NGC shall procure all necessary User consents.

3.6 Datalink Reporting

- 3.6.1 Failures of the Datalink may be assessed and reported in line with STCP 3-1 (Post Event Analysis and Reporting) and may include the following:
- Faults on the TO Datalink that causes loss of integrity or resiliency of the Datalink
 - Faults on the NGC Datalink that causes loss of integrity or resiliency of the Datalink

4 Dispute Resolution

4.1.1 Dispute resolution procedure inline with STC XXXXXX

Appendices

Appendix A: General Terms/Conditions

A1: Terminology/Abbreviations

NGC National Grid Company
TO Transmission Owner
SPT Scottish Power Transmission Ltd
SHETL Scottish Hydro Electric Transmission Ltd

A2: Definitions

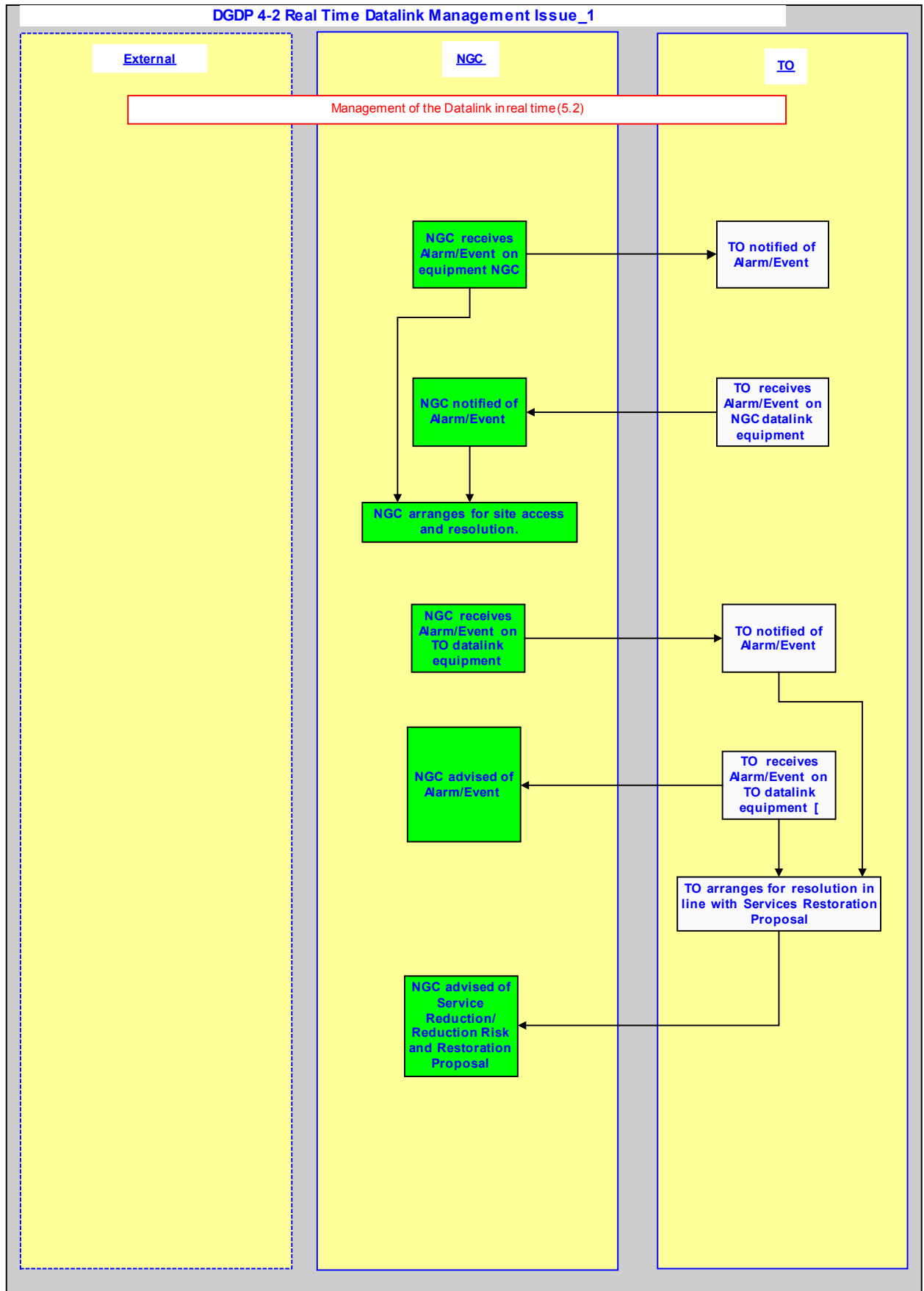
STC definitions used:

- User
- Transmission System
- GB Transmission System
- Good Industry Practice
- Services capability Specification
- Service Restoration Proposal
- Service Reduction
- Service Reduction Risk

CUSC definitions used:

- Plant Apparatus

Appendix B: Flow Chart



Appendix C

This Appendix has been removed from this version of the STCP on the grounds of Confidentiality, in accordance with the decision taken by the STC Committee in February 2005.

For further information please email STC.Team@uk.ngrid.com

Appendix D

This Appendix has been removed from this version of the STCP on the grounds of Confidentiality, in accordance with the decision taken by the STC Committee in February 2005.

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