Sheffield Traffic Signals Configuration Test Sheet													
	Location: Site No:						ę	Shee	t 1 o	f 3			
Controll	er Type :			Serial	Numb	er :							
Tested	By : Date :			Firmw	are	:							
🗆 Initia	alise/ Reset Controller			lssue/	Versi	on :							
	G	eneral	Data (Check	(
 Min Max Ped Inte Max 	 Set Time & Date Minimum Green Times Maximum Green Times DFM Inactive Times DFM Active Times												
		Manu	al Mo	do									
□ Mar □ Cor	nual mode selected & not enabled nual mode selected & enabled rect phases appear in each stage y permitted stage changes are allowed	Mana		Repli	ies MC ies G1 ing								
Stage	Phases	F/T	AR	1	2	3	4	5	6	7	8	9	10
AR		AR											
1		1											
2 3		2											
4		4											
5		5											
6		6										 	
7 8		7 8											

9 10

Fixed Time Mode

	Stage times	(no demands)	
-	Oldge lines	(no acmanas)	

Stage sequence (no demands)

Fixed time selected & Running Indicator on or Handset indicates FT mode running

□ Stage times (with demands)

MC & RR bits replying to UTC

Stage sequence (with demands)

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Traffic Signals Configuration Test Sheet

Location: Site No:

Sheet 2 of 3

Vehicle Actuated Mode (V.A.)

- Select V.A. mode
- Switch of ALL detection
- Check that each detector demands correct phase
- Check that each detector extends correct phase
- Check that each stage is called by the correct detector
- Check that each stage is extended by correct detector
- □ Check that Call / Cancel detectors operate correctly
- Check normal intergreen periods
- Check phase delays
- Check maximum reversion
- Check Arterial reversion

_								
Detector name								
Demands								
Extends								
Detector name								
Detector name Demands Extends								

Phase	Min	Max 1	Max 2

Cableless Linking Mode (CLF)

- Check that CLF is implemented via timetable
- Check that CLF is disabled via timetable
- Check that immediate moves operate
- Check that demand dependant moves operate
- Check that prevent except moves operate
- Check that hold stage operates

Rev: V1.1

Check that plan does not miss stages or over run cycle

time with all demands present

Traffic Signals Configuration Test Sheet



Location: Site No:

Sheet 3 of 3

Urban Traffic Control (UTC)

- Select UTC mode using F-bits
- Check that UTC mode is running
- Switch off ALL detectors and D-bits
 Check stage changes using detector
- □ Check stage changes using detector inputs
- Check stage changes using D-bits inputs

Bit	Detn	D-bit	Force	Gap
F1				
F2				
F3				
F4				
F5				
F6				
F7				
F8				
F9				
F10				

- Check non demand dependant moves
- Check gap out stage changes
- Check that time sync & reply operates correctly
- Check DX bit
- Check DF bit
- Check LF bit
- Check KSFLT

G-Bit intergreen durations

F\T	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
10										

General Tests

- Check mode priority
- □ Check SDE/SA (extensions & intergreens)
- □ Check DFM time outs
- □ Check that a green conflict causes switch off
- □ Check start up from power off
- Check start up from lamps off

- Check red lamp monitoring extends intergreens to all conflicting peds if associated traffic phases have 1 red lamp out
- Check red lamp monitoring inhibits all conflicting peds if associated traffic phases have 2 red lamps out
- □ Check RLF1 UTC reply
- □ Check RLF2 UTC reply

Faults