	1	2
Sheet:_/	of)

SIGNAL DEPARTMENT TEST FORM C&S L30 TRACK CIRCUITS

TRACK CIRCUITS Interlocking/Location: BROOK I Crows Sub-Division: Od Branch: Atlantic Be. Date Performing Test: AC Buss (C) (D) Track Circuit Type (A) (A) (B) (C) of Relay Voltage Freq Relay Control Relay Local Polarity Shunt Feed Shunt Relay ASC Name [Pass Pass []Pass Volts N/A Amps Volts 115V 1000 [] Fail [] Fail [] Fail 2TR Amps Pass ,76 Pass [-Pass Volts 115 V Volts Amps 115V [] Fail 1000 [] Fail [] Fail 378 Amps .71 [Pass [1Pass []Pass Volts 115V Volts 115 V Amps [] Fail [] Fail [] Fail LITE 100n 1,0 Amps .80 Pass [Pass Pass Volts N/A Amps 115Y [] Fail [] Fail [] Fail 100h 1,2 Amps Pass Pass 11 Pass .81 Volts N/A Amps [] Fail 6TR 1000 [] Fail [] Fail 1.3 **Amps** .80 Pass [1Pass [1 Pass Volts M/Amps 115V 1000 3BTR [] Fail [] Fail [] Fail 1.2 Amps [Pass .73 FPass [Pass Volts Amps 115V [] Fail [] Fail [] Fail 48TR Amps Serial # Model # Manufacturer **Test Equipment** FLUKE #87 Meter 4001 REVIEWED# 514 56-6017 AEMC Comments: AUG 11 2016 By. M.L. Signanife: E. KAESS CLIFFORD IBM: 77 Test Performed By: Signature: Foreman's Name:

	7 =
Sheet: 2	of -

SIGNAL DEPARTMENT TEST FORM C&S L30

Interlocking/Location: Blook I (Town) Sub-Division: Description: Branch: Atlantic Ba. Date Performing Test: 17/6

Track Circuit Type AC Buss (A) (A) (B) (C) (C) (D)

Name of Relay Voltage Freq Relay Control Relay Local Polarity Shunt Feed Shunt Relay ASC

Track Circuit	Type	ACI	Buss	(A)	(A)	(B)	(C)	(C)	(D)
Name	of Relay	Voltage	Freq	Relay Control	Relay Local	Polarity	Shunt Feed	Shunt Relay	ASC
2 ATR	PV250	115 V	1002	,70 Volts	115 V volts	[] Pass [] Fail	[*]Pass []Fail	[] Pass [] Fail	N/A Amps
3 ATR	Praso	115V	1000	,72 Volts	/15 V Volts	[]Pass []Fail	[·] Pass [] Fail	[] Pass [] Fail	N/A Amps
YATR	PV250	115V	1000	.68 Volts	/15 V Volts	[·] Pass [] Fail	[] Pass [] Fail	[] Pass [] Fail	if Amps
SATR	PVSO	1154	100	, 6 / Volts	115V Volts	[]Pass []Fail	[]Pass []Fail	[] Pass [] Fail	N/A Amps
				Volts	Voits	[] Pass [] Fail	[]Pass []Fail	[]Pass []Fail	Amp
				Volts	Volts	[] Pass [] Fail	[]Pass	[] Pass [] Fail	Amp
				Volts	Voits	[] Pass [] Fail	[]Pass []Fail	[] Pass [] Fail	Amps
Fest Equipment	Ma	nufacturer			Model #			Serial #	
Meter	FLUKE				1#87		514	1001	
	AMPROBE	E AEn		TEWEL	井 514		56-6	017	

Comments:	REVIEW		
Test Performed By: CLIFFOLD	E. KAESS ML Stellature:	IBM	:#
Foreman's Name: (Print)	Signature:	_ Date	: 7/15/16
PART #1 FRA MANAGER'S COPY (WHITE)	PART #2 FOREMAN'S COPY (YELLOW)	PART #3 LOCATION COPY (PINK)	ows 130 Rev. 2 10/16/02

Sheet: 3 of 3

SIGNAL DEPARTMENT TEST FORM C&S L30

TRACK CIRCUITS Interlocking/Location: BROOK I (TE La Sub-Division: at Branch: At Lantiz B1 Date Performing Test: 6 Track Circuit AC Buss Type (A) (A) (B) (C) (C) (D) Voltage Name of Relay Freq Relay Control Relay Local Polarity/ Shunt Feed Shunt Relay ASC [1Pass []Pass Volts [1Pass N/A Amps Volts 113,5 000 PV250 [] Fail [] Fail [] Fail ITR Amps []Pass [Pass Volts Pass Volts Amps 1000 PV250 [] Fail [] Fail [] Fail ABTR **Amps** Pass Pass []Pass Volts Volts Amps PV350 100n [] Fail [] Fail [] Fail 1ATR Amps [Pass Pass [Pass Volts Volts Amps 100n PV250 2BTR [] Fail [] Fail .97 Amps [] Fail [Pass Pass Pass Volts Volts Amps Amps 12 PUZTU 100n [] Fail [] Fail [] Fail 2CTR [] Pass Volts [] Pass []Pass Volts Amps Fail Fail / Fail Amps [] Pass []Pass [] Pass Volts Volts Amps 1] Fail [] Fail Fail Amps Manufacturer Model # Test Equipment Serial # Meter 4001 AEMORIVIE 50-6017 AUG 1 1 2016 Comments: CLIFFORD E, KAESSBY. M.L. Ellentuck IBM: ## Test Performed By: 6011) Date: Foreman's Name: Signature:

Sheet:_/ot

Rev. 3 10/1/10

SIGNAL DEPARTMENT TEST FORM C&S F32-231

TRACK CIRCUIT INTECRITY

	JABTR 2ATR 3ATR 4ATR	Pass Fail [] Pass Fail [] Pass Fail [] Pass Fail []	Pass Fail [Pass Pail [Pass Fail Pass Pail Pass Pass Pail Pass Pass	[] Pass Fail [Pass Fail [Pass Fail [Pass * Fail [Pass Fail Pass Pass Pass Pass Pail Pass Pass	[] See Comments [] See Comments [] See Comments [] See Comments
	IABTR	Pass Fail []	[V] Pass Fail [[V] Pass	Pass Fail [Pass	[√] Pass Fail []	[]Pass Fail[[]Pass	Pass * Fail [Pass	Pass Fail [Pass	[] See Comments [] See
	610						-	4	
	GTR	Fail []	Fail [Pass Fail [Fail []	Fail []	Fail [[] Pass Pail [* Fail [/ Pass * Fail [Pass Fail	[] See
	47R 57R	[Pass Fail []	Pass Fail [Pass Fail []	[✓ Pass Fail []	[] Pass Fail[[] Pass	Pass Fail		[] See Comments [] See Comments
	2TR 3TR	Fail []	Fail [[√] Pass] Fail [] [√] Pass] Fail []	[] Pass Fail [] [] Pass Fail []	Fail Fail Fail Fail	[/] Pass * Fail [[/] Pass , * Fail [[Pass *Fail[] [] Mass Fail[]	[] See Comments [] See Comments
Brook I	Track Circuit Name	Rail Connectors [Track Wires [√] Pass Fail [Rail Bonds [] Pass Fail []	Other Bond wires [Y] Pass Fail []	Impedance Bonds Pass Fail [Joints [Pass * Fail [Insulation Pass Fall[]	Defects [] See Comments

PART #2 FOREMAN'S COPY (YELLOW)

PART #1 FRA MANAGER'S COPY (WHITE)

C&S F32-231

Sheet:_	2	of 2

SIGNAL DEPARTMENT TEST FORM C&S F32-231

TRACK CIRCUIT INTEGRITY

Interlocking/Location:	Brook I		Branch: A	Hantic	1 3	Subdivision: _	02	Date: 10/3	71/16
Location:	Track Circuit	Rail Connectors	Track Wires	Rail Bonds	Other Bond wires	Impedance Bonds	Insulated Joints	Switch Insulation	Defects
		[√] Pass	[V Pass	[√] Pass	[] Pass	Pass	[V] Pass	[V] Pass	[]See
BrookI	SATR	Fail []	Fail [Fail []	Fail []	Fail [/	* Fail [* Fail []	Comments
13100		Pass	[V] Pass	[V] Pass	[V] Pass	[]\Pass /	[Pass	[] Pass	[]See
	4BTR	Fail []	Fail [Fail[]	Fail [Fail/[]	* Fail [* Fail []	Comments
	B. Y	[V] Pass	[V] Pass	[Pass	[V] Pass	[] Pass	[✓] Pass	[Pass	[]See
	3 BTR	Fail []	Fail [Fail []	Fail [Fail[]	* Fail [* Fail []	Comments
		[V] Pass	[V] Pass	[V] Pass	[Pass	[] Pass	[Pass	[V Pass	[] See
	2BTR	Fail [Fail [Fail []	, Fail [/ Fail]	* Fail []	Comments
		[/ Pass	[Pass	[] Pass	[V] Pass	[/ Pass \	[Pass	[Pass	[] See
	IATR	Fail [/ Fail [Fail [Fail [/ Fail [\]	* Fail [* Fail []	Comments
		[Pass	[V] Pass	[√] Pass	[] Pass	[Pass	[Pass	[] Pass	[]See
	12CTR	Fail [Fail [Fail [Fail [Fail [* Fail [* Fair[]	Comments
		[Pass	[Pass	[Pass	[v] Pass	[Pass	[Pass	[] Pass	[] See
V	IBTR	Fail [Fail [] Fail [] Fail [Fail [* Fail [] /* Fail	Comments
		[] Pass	[] Pass	[] Pass	[] Pass	[] Pass	[] Pass	[] Pass	[]See
		Fail [] Fail [] Fall[] Fail [] Fall[]	* Fail [) * 5ail [Comments
		[] Pass	[] Pass	[] Pass	[] Pass	[] Pass	[] Pass	[]Pass	[]See
		Fail [] Fail	Fail [] Fail	Fail [* Fail [_	* Fail [] Comments
		[] Pass	[] Pass	[] Pass	[] Pass	[] Pass	[] Pass	[] Pass	[] See
		Fail [Fail [] Fail [] Fail [] Fail [Fail [] * Fail [] Comments
	Enter	Test Equipmen	nt information	when electric	ally testing ins	sulated joints:		Ž.	
Test Faulament	Manufa	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED	1 1 1 1 1	Model			Ser	ial#	
Test Equipment			260			64			
Meter	n electrical measurement is	20			w and report to	Signal Control	& Section For	eman.	
* If IJ or switch insulation	n electrical measurement is	Zuma or more,	note in comme	nts section belov	w and report to	organia control			
Comments:								W W W W W.	
	, the					FVERN			
Test Performed By:	1 Tolinson		Signature		A	EVIEW	EDIBM:		1541
rest i citorined by.	(Print)	X		. //	//	NOV 1 8 201	. 3 # / _ :	11/0-	100
Test Reviewed By:	26017 F-1201	10-	Signature					11/09/	10
	(Foreman - Print)				L Dy	: S. PERNICIA	RO	PART #3 LOCAT	TION COPY (PINK
PART #1 FRA MANAGER'S CO	PY (WHITE)		PART #	2 FOREMAN'S COP	((FELLOW)		- 173 - 5		Rev. 3 10/1/1

C&S F32-231

Sheet:	1_0	f 2	
			-

SIGNAL DEPARTMENT TEST FORM C&S F33-104 FOULING CIRCUITS ON SWITCHES

Interlocking/Section:	Brook I	Branch: Atlantic	Subdivision: O2	Date: 11/4/16
Test Frequency: Test sh	all be performed when fouling win	es are installed, modified or disarranged and period	ically at least once every 90 days.	
Reason for Test:	Periodic Test	[] New Installation	[] Modification/Replaceme	ent

				Visual In	spection			
Location:	Switch Number	Track Circuit Name	Fouling Wires	Series Shunt	Track Shunt	Rail Bonds	Shunt Test	Defects
Brook I	57	SATR	[V] Pass [] Fail	Pass Fail	[N]Pass	[Pass [] Fail	[√] Pass [] Fail	[] See Comments
	476	4ATR	Pass	Pass Pail	[NPass	[] Pass	[] Pass	[] See Comments
	47E	4BTR	[V] Pass [] Fail	M Paes	[AlPass	[] Pass [] Fail	[] Pass [] Fail	[] See Comments
	33 W	3ATR	[] Pass [] Fail	N) Dass	M Pass Pail	[√] Pass [] Fail	[Pass [] Fail	[] See Comments
	33 E	3BTR	[Pass [] Fail	IN Pass	M Pass	[] Pass [] Fail	[\int Pass [] Fail	[] See Comments
	32	2ATR	[Pass [] Fail	M Pass	M Pass	[] Pass [] Fail	-[√] Pass [] Fail	[] See Comments
	425	3ATR	[Pass [] Fail	[//Pass	[W Pass	[] Pass [] Fail	[\sqrt{Pass}	[] See Comments
V	23W	2ATR	[Pass [] Fail	[/ Pass	[/l/Pass	[] Pass [] Fail	[Pass [] Fail	[] See Comments

Comments:			
		REVIEWED	
	1 20 10 10 10 10 10 10 10 10 10 10 10 10 10		
Test Performed By: A Johnson	Signature:	NOV 1 8 2016 Date: 1/4/16	
(Print)		By: S. PERNICIARO / /	
Test Reviewed By: 1860 y). TABLA	Signature	Date: 11/09/16	
(Foreman - Print)		7	

PART #1 FRA MANAGER'S COPY (WHITE) C&S F33-104

Part # 2 FOREMAN'S-COPY (YELLOW)

PART #3 LOCATION COPY (PINK) Rev. 1 (6-30-09)

	7		7
Sheet:	do	of	4

Rev. 1 (6-30-09)

SIGNAL DEPARTMENT TEST FORM C&S F33-104

Interlocking/Section: Br	ok I			Hantic		Subdivision: _	02	Date: ///4//6
Test Frequency: Test shall be		wires are installed,			periodically at le			nt
Reason for Test:	[V Periodic Test	[] New Installation [] Modification Visual Inspection				on/Replacement		
Location:	Switch Number	Track Circuit Name	Fouling Wires		Track Shunt	Rail Bonds	Shunt Test	Defects
Bank T	238	2 RTD	[v] Pass	N Pass	[NDass	[V] Pass	[Pass	[] See Comments

Location:	Switch Number	Track Circuit Name	Fouling Wires	Series Shunt	Track Shunt	Rail Bonds	Shunt Test	Defects
Brown I	23E	3BTR	[√] Pass []Fail	Pass Pail	[No ase	[] Pass [] Fail	[/ Pass [] Fail	[] See Comments
- \	_//-	1ABTR	[] Pass [] Fail	V Pass	[]Pass	[√] Pass [] Fail	[Pass [] Fail	[] See Comments
	12W	/ATR	[V] Pass	N] Pass AFail	[Mbass	[] Pass [] Fail	[] Pass [] Fail	[] See Comments
п	12E	2 BTR	[] Pass	N) Pass	M Pass	[/ Pass [] Fail	[v] Pass [] Fail	[] See Comments
	210	2BTK	[√] Pass [] Fail	N Dess VFail	Dass Mail	[v] Pass [] Fail	[v] Pass [] Fail	[] See Comments
	21 E	IATR	[/ Pass [] Fail	[Pass Fail	[N/Pass	[/] Pass [] Fail	[] Pass [] Fail	[] See Comments
			Pass Fail	[] Pass [] Fail	[] Pass Fail	[]Pass	[]Pass []Fail	[] See Comments
		/ /	[] Pass [] Fail	Pass [] Fail	[]Pass []Fail] Pass [] Fail	Pass [] Fail	[] See Comments

Comments:		
	grante in	REVIEWER
		THE VIEW ED
Test Performed By: 1 Tohuson	Signature:	1 8 2016 Date: 11/4/16
Test Reviewed By: 12601 9. Freches	Signature:	Date: 11/09/16
PART #1 FRA MANAGER'S COPY (WHITE)	Part # 2 FOREMAN'S COPY (YELLOV	N) PART #3 LOCATION COPY (PINK)

C&S F33-104