

SHT No	SIZE	SUB-TITLE	ISSUE
	F	NUMBER ALLOCATION CHART U.A.X. N.Z. 13A (UNITS A1 & A2)	H
2	F	NUMBER ALLOCATION CHART U.A.X. N.Z. 13A (UNITS A3 & A4)	H
3	F	NUMBER ALLOCATION CHART U.A.X. N.Z. 13A (UNITS A5 & A6)	H
4	F	NUMBER ALLOCATION CHART U.A.X. N.Z. 13A (UNITS A7 & A8)	H
5	F	NUMBER ALLOCATION CHART U.A.X. N.Z. 13A (UNITS A9 & A10)	H
6	F	NUMBER ALLOCATION CHART U.A.X. N.Z. 13A (UNITS A11 & A12)	H
7	F	NUMBER ALLOCATION CHART U.A.X. N.Z. 13M UNIT	G
8	F	NUMBER ALLOCATION CHART U.A.X. N.Z. 13R UNIT	H
9	F	NUMBER ALLOCATION CHART U.A.X. N.Z. 13RM UNIT	G
10	F	NUMBER ALLOCATION CHART U.A.X. N.Z. S & P GROUPINGS M & R GROUPINGS	G
11	F	NUMBER ALLOCATION CHART U.A.X. N.Z. LEV. "O" LINE CCTS.	G
12	F	NUMBER ALLOCATION CHART U.A.X. N.Z. ALLOC. INSTRUCT.	H
13	F	NUMBER ALLOCATION CHART U.A.X. N.Z. ALLOC. INSTRUCT.	J
14	F	NUMBER ALLOCATION CHART U.A.X. N.Z. ALLOC. INSTRUCT.	A
15	F	NUMBER ALLOCATION CHART U.A.X. N.Z. ALLOC. INSTRUCT.	A
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

NOTES

DEL	CKD	APD	ORDER	DATE	ISS	CHANGE	N.Z.P.O. ENGINEER-IN-CHIEF WELLINGTON
R.E	J.D.A.	D.I.B.	46355	21-10-66	F	NEWSHT. SHTS. 3,4&10 RETRACED. SHTS. 1, 2, 5 & 9 AMEND. ORIGINAL SHT. 9 CANCELLED. SHTS. 11-13 ADDED.	NUMBER ALLOCATION CHART U.A.X. N.Z. 13 EXCHANGE (INDEX SHEET)
R.S.J.	J.C.R.		7777	6-1-69	J	RETRACED FROM ISS. H. 10-5-67 (72727) SHTS. 1-11 RETRACED TO NEW F SIZE & ADVANCED IN ISS. SHTS. 12&13 REDRAWN AS SHTS. 12-15.	

COY. No:	SIZE	F IND	24593
ORIGIN: T-EQPT.			
DWN: T-EQPT. TCD: R.E.			

FIG. A F.S. MULTIPLE ALLOCATIONS Nos. 800 - 899

Ø SEE ITEM 3.(K) ON SHT. 13
* SEE ITEM 2.(G) ON SHT. 12

809	808	807	806	805	804	803	802	801	800
819	818	817	816	815	814	813	812	811 FAULT TEST	810 SERVICE TELNE.
829	828	827	826	825	824	823	822	821	820
839	838	837	836	835	834	833	832	831	830
849	848	847	846	845	844	843	842	841	840
859	858	857	856	855	854	853	852	851	850
869	868	867	866	865	864	863	862	861	860
879	878	877	876	875	874	873	872	871	870
889	888	887	886	885	884	883	882	881	880
899	898	897	896	895	894	893	892	891	890

FIG. B L.F. AND LINE CCT. ALLOCATIONS UNIT A 1

L.F. LEV.	USE	L.F. BANK TERMINAL N°									
		1	2	3	4	5	6	7	8	9	10
2 ^o											
3 ^o											
4	SUBS										
5	SUBS										
6	SUBS										
7	SUBS										
8	JUNCS.										
9	JUNCS.										

FIG. C L.F. AND LINE CCT. ALLOCATIONS UNIT A2

L.F. LEV.	USE	L.F. BANK TERMINAL N°									
		1	2	3	4	5	6	7	8	9	10
2 ^o											
3 ^o											
4	SUBS										
5	SUBS										
6	SUBS										
7	SUBS										
8	JUNCS.										
9	JUNCS.										

DATE	ISS	CHANGE	N. Z. P. O. ENGINEER - IN - CHIEF WELLINGTON
20-1-55	A		NUMBER ALLOCATION CHART U.A.X. N.Z. 13A (UNITS A1 & A2) EXCHANGE
6-1-63	H	REDRAWN FROM ISS. G. 22-3-67 TO NEW F. SIZE.	
		COY N° :	SIZE SHT.
		ORIGIN: T-EQPT.	F 1
		DWN:T-EQPT TCD: G.O.	24593

FIG. A F.S. MULTIPLE ALLOCATIONS Nos. 700-799

∅ SEE ITEM 3.(K) ON SHT. 13
* SEE ITEM 2.(G) ON SHT. 12

709	708	707	706	705	704	703	702	701	700
719	718	717	716	715	714	713	712	711 *	710 *
729	728	727	726	725	724	723	722	721	720
739	738	737	736	735	734	733	732	731	730
749	748	747	746	745	744	743	742	741	740
759	758	757	756	755	754	753	752	751	750
769	768	767	766	765	764	763	762	761	760
779	778	777	776	775	774	773	772	771	770
789	788	787	786	785	784	783	782	781	780
799	798	797	796	795	794	793	792	791	790

FIG. B L.F. AND LINE CCT. ALLOCATIONS UNIT A3

L.F. LEV.	USE	L.F. BANK TERMINAL No									
		1	2	3	4	5	6	7	8	9	10
2 [∅]											
3 [∅]											
4	SUBS										
5	SUBS										
6	SUBS										
7	SUBS										
8	JUNCS.										
9	JUNCS.										

FIG. C L.F. AND LINE CCT. ALLOCATIONS UNIT A4

L.F. LEV.	USE	L.F. BANK TERMINAL No									
		1	2	3	4	5	6	7	8	9	10
2 [∅]											
3 [∅]											
4	SUBS										
5	SUBS										
6	SUBS										
7	SUBS										
8	JUNCS.										
9	JUNCS.										

DATE	ISS	CHANGE	N. Z. P. O. ENGINEER - IN - CHIEF WELLINGTON.		
20-1-55	A		NUMBER ALLOCATION CHART U.A.X. N.Z. 13A (UNITS A3 & A4) EXCHANGE		
6-1-69	H	REDRAWN FROM ISS. G. 22-3-67 TO NEW F SIZE.			
			COY No:	SIZE	SHT.
			ORIGIN: T-EQPT.	F	2
			DWN: T-EQPT	TCD: G.O.	24593

FIG. A F.S. MULTIPLE ALLOCATIONS Nos. 600-699

Ø SEE ITEM 3.(K) ON SHT. 13
* SEE ITEM 2.(G) ON SHT. 12

609	608	607	606	605	604	603	602	601	600
619	618	617	616	615	614	613	612	611 FAULT TEST	610 *
629	628	627	626	625	624	623	622	621	620
639	638	637	636	635	634	633	632	631	630
649	648	647	646	645	644	643	642	641	640
659	658	657	656	655	654	653	652	651	650
669	668	667	666	665	664	663	662	661	660
679	678	677	676	675	674	673	672	671	670
689	688	687	686	685	684	683	682	681	680
699	698	697	696	695	694	693	692	691	690

FIG. B L.F. AND LINE CCT. ALLOCATIONS UNIT A 5

L.F. LEV.	USE	L.F. BANK TERMINAL N ^o									
		1	2	3	4	5	6	7	8	9	10
2 ^o											
3 ^o											
4	SUBS										
5	SUBS										
6	SUBS										
7	SUBS										
8	JUNCS.										
9	JUNCS.										

FIG. C L.F. AND LINE CCT. ALLOCATIONS UNIT A 6

L.F. LEV.	USE	L.F. BANK TERMINAL N ^o									
		1	2	3	4	5	6	7	8	9	10
2 ^o											
3 ^o											
4	SUBS										
5	SUBS										
6	SUBS										
7	SUBS										
8	JUNCS.										
9	JUNCS.										

DATE	ISS	CHANGE	N. Z. P. O. ENGINEER - IN - CHIEF WELLINGTON.
21-10-66	F	RETRACED FROM ISS. F. 18-6-62. MINOR AMENDMENT.	NUMBER ALLOCATION CHART U.A.X. N.Z. 13A (UNITS A5 & A6) EXCHANGE
6-1-69	H	RETRACED FROM ISS. G. 22-3-67. TO NEW F SIZE.	
		COY N^o :	SIZE SHT.
		ORIGIN: T-EQPT.	F 3
		DWN: T-EQPT TCD: G.O.	24593

FIG. A F.S. MULTIPLE ALLOCATIONS Nos. 500-599

Ø SEE ITEM 3.(K) ON SHT. 13
* SEE ITEM 2.(G) ON SHT. 12

509	508	507	506	505	504	503	502	501	500
519	518	517	516	515	514	513	512	511 *	510 *
529	528	527	526	525	524	523	522	521	520
539	538	537	536	535	534	533	532	531	530
549	548	547	546	545	544	543	542	541	540
559	558	557	556	555	554	553	552	551	550
569	568	567	566	565	564	563	562	561	560
579	578	577	576	575	574	573	572	571	570
589	588	587	586	585	584	583	582	581	580
599	598	597	596	595	594	593	592	591	590

FIG. B L.F. AND LINE CCT. ALLOCATIONS UNIT A7

L.F. LEV.	USE	L.F. BANK TERMINAL N°									
		1	2	3	4	5	6	7	8	9	10
2 ^o											
3 ^o											
4	SUBS										
5	SUBS										
6	SUBS										
7	SUBS										
8	JUNCS.										
9	JUNCS.										

FIG. C L.F. AND LINE CCT. ALLOCATIONS UNIT A8

L.F. LEV.	USE	L.F. BANK TERMINAL N°									
		1	2	3	4	5	6	7	8	9	10
2 ^o											
3 ^o											
4	SUBS										
5	SUBS										
6	SUBS										
7	SUBS										
8	JUNCS.										
9	JUNCS.										

DATE | **ISS** | **CHANGE**

21-10-66 F RETRACED FROM ISS. E. 18-6-62. MINOR AMENDMENT.
6-1-69 H RETRACED FROM ISS. G. 22-3-67. TO NEW F SIZE.

N. Z. P. O. ENGINEER - IN - CHIEF WELLINGTON.

NUMBER ALLOCATION CHART
U.A.X. N.Z. 13A (UNITS A7 & A8)
EXCHANGE

COY N° :	SIZE	SHT.	24593
ORIGIN: T-EQPT.	F	4	
DWN:T-EQPT TCD: G.O.			

FIG. A F.S. MULTIPLE ALLOCATIONS Nos. 400- 499

∅ SEE ITEM 3.(K) ON SHT. 13
* SEE ITEM 2.(G) ON SHT. 12

409	408	407	406	405	404	403	402	401	400
419	418	417	416	415	414	413	412	411 FAULT TEST	410 *
429	428	427	426	425	424	423	422	421	420
439	438	437	436	435	434	433	432	431	430
449	448	447	446	445	444	443	442	441	440
459	458	457	456	455	454	453	452	451	450
469	468	467	466	465	464	463	462	461	460
479	478	477	476	475	474	473	472	471	470
489	488	487	486	485	484	483	482	481	480
499	498	497	496	495	494	493	492	491	490

FIG. B L.F. AND LINE CCT. ALLOCATIONS UNIT A9

L.F. LEV.	USE	L.F. BANK TERMINAL N ^o									
		1	2	3	4	5	6	7	8	9	10
2 ^o											
3 ^o											
4	SUBS										
5	SUBS										
6	SUBS										
7	SUBS										
8	JUNCS.										
9	JUNCS.										

FIG. C L.F. AND LINE CCT. ALLOCATIONS UNIT A10

L.F. LEV.	USE	L.F. BANK TERMINAL N ^o									
		1	2	3	4	5	6	7	8	9	10
2 ^o											
3 ^o											
4	SUBS										
5	SUBS										
6	SUBS										
7	SUBS										
8	JUNCS.										
9	JUNCS.										

DATE	ISS	CHANGE	N. Z. P. O. ENGINEER - IN - CHIEF WELLINGTON.
18-6-62	E	NEW SHEET ISS. BROUGHT INTO LINE WITH SHT. 1.	NUMBER ALLOCATION CHART U.A.X. N.Z. 13A (UNITS A9 & A10) EXCHANGE
6-1-69	H	REDRAWN FROM ISS. G. 22-3-67 TO NEW F. SIZE.	
		COY N^o :	SIZE SHT.
		ORIGIN: T - EQPT.	F 5
		DWN: T-EQPT	TCD: G.O.
			24593

FIG. A F.S. MULTIPLE ALLOCATIONS Nos. 300 - 399

SEE ITEM 3.(K) ON SHT. 13
* SEE ITEM 2.(G) ON SHT. 12

309	308	307	306	305	304	303	302	301	300
319	318	317	316	315	314	313	312	311 *	310 *
329	328	327	326	325	324	323	322	321	320
339	338	337	336	335	334	333	332	331	330
349	348	347	346	345	344	343	342	341	340
359	358	357	356	355	354	353	352	351	350
369	368	367	366	365	364	363	362	361	360
379	378	377	376	375	374	373	372	371	370
389	388	387	386	385	384	383	382	381	380
399	398	397	396	395	394	393	392	391	390

FIG. B L.F. AND LINE CCT. ALLOCATIONS UNIT A11

L.F. LEV.	USE	L.F. BANK TERMINAL No									
		1	2	3	4	5	6	7	8	9	10
2 ^o											
3 ^o											
4	SUBS										
5	SUBS										
6	SUBS										
7	SUBS										
8	JUNCS.										
9	JUNCS.										

FIG. C L.F. AND LINE CCT. ALLOCATIONS UNIT A12

L.F. LEV.	USE	L.F. BANK TERMINAL No									
		1	2	3	4	5	6	7	8	9	10
2 ^o											
3 ^o											
4	SUBS										
5	SUBS										
6	SUBS										
7	SUBS										
8	JUNCS.										
9	JUNCS.										

DATE	ISS	CHANGE	N. Z. P. O. ENGINEER - IN - CHIEF WELLINGTON.	
18-6-62	E	NEW SHEET ISS. BROUGHT INTO LINE WITH SHT. 1.	NUMBER ALLOCATION CHART U.A.X. N.Z. 13A (UNITS A11 & A12) EXCHANGE	
6-1-69	H	REDRAWN FROM ISS. G. 22-3-67 TO NEW F SIZE.		
		COPY No :	SIZE	SHT.
		ORIGIN: T-EQPT.	F	6
		OWN: T-EQPT	TCD: G.O	
			24593	

UNIT No	LINE CCT. No	M.D.F. PROTECTOR No	"M" TRUNK No	F.S. ARC. No AND LINE GROUPING T.S. No	S	A	D	M	R	← CODE RING
/	/	1	1	0	02	12	22	32	42	1st GROUP (RELAY W. OP.)
/	/	2	2	1	01	11	21	31	41	
/	/	3	3	2	00	10	20	30	40	
/	/	4	4	7	59	69	79	89	99	
/	/	5	5	8	58	68	78	88	98	
/	/	6	6	9	57	67	77	87	97	
/	/	7	7	10	56	66	76	86	96	
/	/	8	8	11	55	65	75	85	95	2nd GROUP (RELAY W. NON OP.)
/	/	9	9	12	54	64	74	84	94	
/	/	10	10	13	53	63	73	83	93	
/	/	11	11	14	52	62	72	82	92	
/	/	12	12	15	51	61	71	81	91	
/	/	13	13	16	50	60	70	80	90	
/	/	14	14	18	09	19	29	39	49	
/	/	15	15	19	08	18	28	38	48	
/	/	16	16	20	07	17	27	37	47	
/	/	17	17	21	06	16	26	36	46	
/	/	18	18	22	05	15	25	35	45	
/	/	19	19	23	04	14	24	34	44	
/	/	20	20	24	03	13	23	33	43	

FIRST DIGIT No	REVERTIVE CALL No:-	995	991	992	993	994
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NOTES

1. TENS DIGITS 0-4 SELECT LINES IN GROUP 1 AND DETERMINE THE CODE RING.
TENS DIGITS 5-9 SELECT LINES IN GROUP 2 AND DETERMINE THE CODE RING. } REF. GBW 14400
UNITS DIGITS SELECTS THE PARTY LINES IN THE GROUP.
2. EACH "M" LINE CAN SERVE A MAXIMUM OF 5 PARTY SUBSCRIBERS.
3. EACH "M" TRUNK IS CROSS-CONNECTED AT THE I.D.F. TO A U.A.X. LINE CIRCUIT.

DATE	ISS	CHANGE	N.Z.P.O. ENGINEER - IN - CHIEF WELLINGTON.		
20-1-55	A		NUMBER ALLOCATION CHART U.A.X. N.Z. 13M UNIT EXCHANGE		
6-1-69	G	RETRACED FROM ISS. F. 18-6-62(57357) TO NEW F SIZE			
			COY No	SIZE	SHT
			ORIGIN: T-EQPT.	F	7
			DWN:T-EQPT. TCD: R.F.D.	24593	

M.D.F. AND LINE CCT. No	L.F. ARC. No	F.S. AVE AND L.F. GROUPING T.S. No	GROUP No 1 (RELAY "W" OPERATED)					GROUP No 2 (RELAY "W" NON-OP)				
			X	A	D	J	K	M	R	S	U	W
1	1	0	02	12	22	32	42					
2	2	1	01	11	21	31	41					
3	3	2	00	10	20	30	40					
4	8	7					NOTE 3	59	69	79	89	99
5	9	8						58	68	78	88	98
6	10	9						57	67	77	87	97
7	11	10						56	66	76	86	96
8	12	11						55	65	75	85	95
9	13	12						54	64	74	84	94
10	14	13						53	63	73	83	93
11	15	14						52	62	72	82	92
12	16	15						51	61	71	81	91
13	17	16						50	60	70	80	90
14	19	18	09	19	29	39	49					
15	20	19	08	18	28	38	48					
16	21	20	07	17	27	37	47					
17	22	21	06	16	26	36	46					
18	23	22	05	15	25	35	45					
19	24	23	04	14	24	34	44			FIRST DIGIT		
20	25	24	03	13	23	33	43			No _____		

NOTES

- TENS DIGITS 0-4 SELECT LINES IN GROUP 1 AND DETERMINE CODE RING } REF.
TENS DIGITS 5-9 SELECT LINES IN GROUP 2 AND DETERMINE CODE RING } GBW 13660
UNITS DIGIT SELECTS THE PARTY LINE IN THE GROUP.
- EACH LINE CIRCUIT NORMALLY SERVES ONE PARTY LINE OF FIVE SUBSCRIBERS ONLY. (FOR SERVING OVER 5 PARTIES PER. LINE SEE ITEM 4 ON SHEET 14)
- RESTRICTED ALLOCATION. SEE ITEM 4(e) ON SHT. 14

DATE	ISS	CHANGE	N. Z. P. O. ENGINEER - IN - CHIEF WELLINGTON.
20-1-55	A		NUMBER ALLOCATION CHART U.A.X. N.Z. 13R UNIT EXCHANGE
6-1-65	H	REDRAWN FROM 16S.G 22-3-67 TO NEW F SIZE	
			COY No:
			ORIGIN: T- EQPT.
			DRAWN: T- EQPT TRACED: R.F.D.
			SIZE SHT.
			F 8
			24593

M.B.F. AND LINE CCT. N ^o	L.F.ARC. N ^o	F.S. AVE AND L.F. GROUPING T.S. N ^o	GROUP N ^o 1 (RELAY "W" OPERATED)					GROUP N ^o 2 (RELAY "W" NON-OP ^o)				
			S	A	D	M	R	S	A	D	M	R
1	1	0	02	12	22	32	42					
2	2	1	01	11	21	31	41					
3	3	2	00	10	20	30	40					
4	8	7					NOTE 3	59	69	79	89	99
5	9	8						58	68	78	88	98
6	10	9						57	67	77	87	97
7	11	10						56	66	76	86	96
8	12	11						55	65	75	85	95
9	13	12						54	64	74	84	94
10	14	13						53	63	73	83	93
11	15	14						52	62	72	82	92
12	16	15						51	61	71	81	91
13	17	16						50	60	70	80	90
14	19	18	09	19	29	39	49					
15	20	19	08	18	28	38	48					
16	21	20	07	17	27	37	47					
17	22	21	06	16	26	36	46					
18	23	22	05	15	25	35	45					
19	24	23	04	14	24	34	44			FIRST DIGIT		
20	25	24	03	13	23	33	43			N ^o _____		

NOTES

- TENS DIGITS 0-4 SELECT LINES IN GROUP 1 AND DETERMINE CODE RING } REF. N.Z. P.O. 31693
TENS DIGITS 5-9 SELECT LINES IN GROUP 2 AND DETERMINE CODE RING }
UNITS DIGIT SELECTS THE PARTY LINE IN THE GROUP.
- EACH "M" LINE CAN SERVE A MAXIMUM OF FIVE PARTY SUBSCRIBERS ONLY.
- RESTRICTED ALLOCATION. SEE ITEM 4(e) ON SHT. 14

DATE	ISS	CHANGE	N. Z. P. O. ENGINEER - IN - CHIEF WELLINGTON.
21-10-66	F		NUMBER ALLOCATION CHART U.A.X. N.Z. 13RM UNIT EXCHANGE
6-1-69	G	REDRAWN TO NEW F. SIZE	
			COY N ^o :
			ORIGIN: T- EQPT.
			DRAWN: T-EQPT TRACED: DCW.
			SIZE SHT. F 9
			24593

UNIT Nº	L.F. BANK TERMINAL Nº									
	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

NOTE. 1. LEVEL "O" LINE LINE CIRCUITS CAN BE INSTALLED TO TERMINATE "M" UNIT LINES.

DATE	ISS	CHANGE	N. Z. P. O. ENGINEER - IN - CHIEF WELLINGTON.		
21-10-66	F		NUMBER ALLOCATION CHART U.A.X. N.Z. 13 (LEV. O LINE CCTS) EXCHANGE		
6-1-69	G	REDRAWN TO NEW F SIZE			
			COY Nº :	SIZE	SHT
			ORIGIN: T-EQPT.	F	11
			DRAWN: T-EQPT TRACED: DCW		

1. MISCELLANEOUS

- (a) I.D.F. jumpers are to be equipped for working lines and junctions only and dead jumpers are to be withdrawn when subscribers relinquish.
- (b) I.D.F. jumpering between the FS multiple and the LF multiple plus line circuits need not necessarily be in straight sequence although if possible this is preferred - i.e., 800 to A1 level 7 cct 1; 899 to A2 level 2&3 cct 10.
- (c) All unallotted numbers should be jumpered to the NU tone circuits provided.
- (d) New subscribers should be allotted with due regard to the loading of each "A" unit in relation to the number of selectors equipped.

2. F.S. MULTIPLE

- (a) The subscriber's name is to be entered in pencil in the appropriate F.S. multiple square in Fig. A of sheets 1 - 6. The symbols and nomenclature used in auto-exchange Traffic Status Records are to apply.
- (b) Insert in the upper left-hand corner of the F.S. multiple square one of the following suffix letters:-

- "I" if the number is individual.
- "S" if the number is one party of a shared service line (see 2d & 3c).
NB. Shared service usually only at metering U.A.X.s
- "P" if the number is one party of a two-party line (see 2e & 3d).
NB. "P" service used only at non-metering U.A.X.s.
- "X" if the number is part of a P.B.X. stepping group.
- "C" if the number is C.C.B.
- "M" if the number is connected to an M relay set.
- "R" if the number is connected to an R relay set.

- (c) On sheet 10 enter the multiple numbers of all S, P, M and R lines.
- (d) For an "S" line any two consecutive F.S. multiple numbers should be used, the even number being made the X party (with ringing on the "b" line) and the odd number the Y party (with ringing on the "a" line).
- (e) For a "P" line any two F.S. multiple numbers can be used.
NOTE. Apply Note 17 of GBW 13910.
- (f) Any five numbers in the same F.S. multiple may be connected to an "M" or to a 1-5 pty. "R" relay set although it is preferred that they be adjacent and have the last digits 1 - 5 inclusive.
Where a 6-10 pty. "R" relay set is used a similar arrangement should apply with each subscriber preferably given the same second digit.
- (g) The symbol on sheets 1-6 (*) means :- number used for routine test - defer allocation to subscribers until no other number is available.

3. LINE CIRCUITS AND LF TERMINALS

- (a) "A" units are supplied equipped with 40 line circuits and without subscribers meters. The line circuits are connected to line finder levels 7, 6, 5 and 3-2.
- (b) Meters in multiples of 10 and an additional 10 line circuits can be wired to line finder level "4" as required.
- (c) For "S" lines two line circuits are required. They should be adjacent on the same mounting plate and served by the same control relay set. (Apply Note 17 of GBW 13910.)

DATE	ISS	CHANGE	N.Z.P.O. ENGINEER - IN - CHIEF WELLINGTON.		
21-10-66	F	NEW SHT WAS PART SHT. 10	NUMBER ALLOCATION CHART U.A.X. N.Z. 13. ALLOCATION INSTRUCTIONS		
5-1-69	H	REDRAWN FROM ISS. G. 22-3-67. TO NEW F SIZE.			
		COY. NO	SIZE	SHT	24593
		ORIGIN: T-EQPT.	F	12	
		DWN: T-EQPT/TCD: -			

(d) For "P" lines only one line circuit is required and to economise in line circuits they should be grouped in tens into specific "A" units. The ideal arrangement is for such A units to be equipped with 40 line circuits - i.e., 30 used for individual lines and 10 used for two-party lines.

(e) For "M" and "R" relay set lines only the first number of the group requires an associated line circuit. To give an even distribution of traffic the "M" unit lines, "M" relay set lines, "R" relay set lines and attached "R"/"RM" unit junctions (non-metering U.A.X.s) should be evenly distributed over all "A" units. However, if a worthwhile saving can be made in line circuit plates consideration should be given to grouping into specific "A" units as for "P" lines.

NOTE 1. "M" unit lines may be terminated on a group of 10 line circuits specially mounted in each A unit in addition to the normal 50 and wired to line finder level "O" (see sheet 11 of this drawing).

(f) P.B.X. lines can only be connected to "A" units equipped with finals to GBW 13900. They should preferably be connected to the lower levels of the line finders (e.g., 809, 808 859, 858). The numbers being allotted in normal stepping order with adequate reserves for future expansion of each group.

NOTE.- C.C.B. lines may be temporarily connected to the "reserved" numbers.

(g) Subscribers can be allocated to LF levels in the following manner:-

At non-metering U.A.X.s

C.C.B. lines to level 2

I, P, M relay set lines, R relay set lines and M unit lines to any level from 3 to 7

At metering U.A.X.s

(1) C.C.B. lines to level 2; I and S to any level from 3 to 7

(2) C.C.B. lines to level 2; M and R to level 3; "I" and "S" to any level 4 to 7

(3) M and R lines to level 2; I and S to any level from 3 to 7

The VMB of GBW 13910 should be strapped accordingly.

(h) L.F. levels 8 and 9 are used for incoming junctions only including junctions from local R units at a metering U.A.X., remote R and remote M units.

NOTE.- At a non-metering U.A.X. incoming junctions from a local R unit are connected to "A" unit subscribers line circuits.

(i) On figures B and C of Sheets 1 to 6 enter in the LF terminal square the associated A unit F.S. multiple number, R relay set number, M relay set number, or M unit line number.

(j) Under special circumstances line circuits can be connected to level "O" of the L.F.s to terminate "M" unit lines (ref. T.R. 1048).

(k) The symbol ϕ on sheets 1-6 means:- insert "subs" "C.C.B." or "M.P." as required (ref. Note 6 GBW 13910).

4. U.A.X. N.Z. 13R UNIT

Lines on "R" units will normally serve a maximum of five subscribers line. In exceptional cases when the number of subscribers exceeds five, two lines may be associated as follows to serve up to 10 subscribers:-

DATE	ISS	CHANGE	N.Z.P.O. ENGINEER - IN - CHIEF WELLINGTON		
22-10-66	F	NEW SHT. WAS PART SHT. 10.	NUMBER ALLOCATION CHART U.A.X. N.Z. 13. ALLOCATION INSTRUCTIONS		
6-1-69	J	REDRAWN FROM ISS. H 16-5-67 TO NEW F SIZE. PART OF SHT. 12 ISS. G 22-3-67 INCLUDED.			
			COY. No	SIZE	SHT.
			ORIGIN: T-EQPT.	F	13
			DWN: T-EQPT	TCD: D.C.W.	24593

- (a) One line must be in Group 1 and the other in Group 2.
See Sheet 8 of this drawing.
- (b) Remove the jumper connection for the Group 2 line between the line grouping T.S. and the line circuit T.S.
- (c) Jumper together the + - and PF terminals of the two lines at the line grouping T.S.
- (d) Remove the heat coils from the M.D.F. protector of the line in Group 2.
- (e) Where access from the Alarm Testing Centre is via A.C.3 or carrier signalling junctions, subscribers numbers X99-X59 are not available for allocation.

5. U.A.X. N.Z. 13 RM UNIT

Lines on "RM" units can serve a maximum of five subscribers per line (ref. sheet 9 of this drawing).

6. U.A.X. N.Z. 13M UNIT

Lines on "M" units can serve a maximum of five subscribers per line (reference sheet 7 of this drawing). One "A" unit subscribers line circuit is required for each "M" unit line (see 3(e) Note 1).

7. JUNCTIONS

- (a) As stated in 3(h) incoming junctions are connected to L.F. levels 8 and 9.
- (b) Each junction group should be evenly distributed over all A units.
- (c) Junctions on odd number LF contacts should have No. 1 control as first choice whereas junctions on even number 1st LF contacts should have No. 2 control as first choice.
- (d) At the local U.A.X. the bothway junctions should be selected in the reverse sequence to that at the distant exchange.
- (e) In each A unit the number of group selectors on each shelf should be equal (or one extra on the first shelf if the quantity is an odd number). The 1st and 2nd contacts on levels 1 and 0 of the second shelf should be transposed so that on the first shelf No. 1 junction of both levels is the first choice, and on the second shelf junction No. 2 is the first choice. If a grading is used this transposition is unnecessary.
(NOTE.- It is expected that the application of partially slipped gradings, details of which will be issued in due course, will supersede the above method.)
- (f) The junction designation should be entered on Fig. B and C of sheets 1-6 in the appropriate LF terminal square.

8. FAULT CARDS

- (a) Fault cards should record the unit number, LF level and bank terminal number used - e.g., A3/4/1.
- (b) In respect of S, P, M and R lines the full particulars of all subscribers grouped should be recorded on the fault card corresponding to the first subscriber on the line. The fault cards for all other subscribers should merely cross reference to this "master" card.

DATE	ISS	CHANGE	N. Z. P.O. ENGINEER - IN-CHIEF WELLINGTON			
6-1-69	A	WAS PART SHT. 13 ISS. H 16-5-67	NUMBER ALLOCATION CHART U.A.X. N.Z. 13. ALLOCATION INSTRUCTIONS			
		COY. N ^o		SIZE	SHT.	24593
		ORIGIN: T-EQPT.		F	14	
		DWN: T-EQPT TCD: R. ST. J.				

9. REFERENCES

T.R. 1048 Basis of Design for U.A.X. N.Z. 13
 T.R. 1054 Basis of Provision for U.A.X. N.Z. 13
 I.S. 1130 Installation Specification for U.A.X. N.Z. 13

DATE	ISS	CHANGE	N.Z.P.O. ENGINEER - IN-CHIEF WELLINGTON.		
4-1-69	A	WAS PART SHT 13 ISS. H 16-6-67	NUMBER ALLOCATION CHART U.A.X. N.Z. 13 ALLOCATION INSTRUCTIONS		
COY. No		SIZE	SHT.	24593	
ORIGIN: T - EQPT.		F	15		
DWN: T-EQPT TCD: R.ST.J.					