

HISTORICAL RECORD

OF

EXCHANGES

WARKWORTH

TOLL GROUP

HISTORICAL RECORD OF AUTOMATIC EXCHANGE

7

CAPACITIES AND CUT-OVER DATES (U.A.X'S)

1

MANUFACTURER I
EXCHANGE : KAIPARA FLARS

FILE REFERENCE: EIC 395/193/50
TYPE : UAX

F.C.C.
Image: Comparison of the second sec

DATE

: 7.6.92

	c/o				EQP		F			LED				
EVENT	DATE.	A UNITS	A UNIT LINES	R UNIT LINES /SUBS	M UNIT LINES /SUBS	MAR AS	A UNITS	A UNIT LINES	R. UNIT LINES /SUBS	M.UNIT	MAR RA LINES /SUBS	GROSS	TOTAL CAPACITY	REMARKS.
UMX	23.12.	}										40 e clos	ubs in ed 17.	tially connect 2.77 (166 subs
Initi UAX	al 17.12.	77					3	120		20/ 100	<i>31</i> 15	300	120/ 300	181 subs
	26.11.	34	10				3	130		20/ 100	4/ 20	300	130/ 300	
CLOSED	7.6.92													CUSTOMER XFERR SUBS PCM WW2
														· · · · · · · · · · · · · · · · · · ·
		·												
												-		
		L												
					•									
TOTA				><	\sim		3	130		20/ 100	4/ 20	300	130/ 300	

AS 20 LINES / 100 0050. 2. IN GROSS Nº COLUMN, SHOW THE TOTAL 'A' UNIT PLUS 'M'UNIT PLUS 'R'UNIT MULTIPLE EQUIPPED AT THE EXCHANGE

3. STATE WHETHER RELAY SETS ARE 'M'OR'R! e.g. 5/25M.

HISTORICAL RECORD OF AUTOMATIC EXCHANGE CAPACITIES AND CUT-OVER DATES (U.A.X'S) , EXCHANGE MANUFACTURER + : KAWAU ISLAND TYPE. FILE REFERENCE: CE 395/974/etc : UAX F.C.C. TOLL GROUP : WARKWORTH : ISSUE Nº : 9 DATE 07.11.89 EXTENSION EQPT. TOTAL INSTALLED EQUIPMENT. clo EVENT A A RUNIT MUNITIMAR NA A A RUNIT MUNITIMAR REGROSS TOTAL UNITS LINES LINES LINES UNITS LINES LINES Nº CAPACITY REMARKS. DATE. Previously served by 50 Line UMX Initial 80/ Message rate 2 80 100 C/over 6.12.71 100 on WW PS974 90/ 25.2. 100 100 90 1977 10 2 /50 Free calling to PS974 WW Toll Group 30.8.78 /50 PS974 100/ 4.2.82 10 100 100 /50 100 40 140/ ADDM320.5.83 1 140 200 3 200 150/Addm 4 14.9.87 10 3 150200 200 200*1* Addm 4 23.9.88 1 50 4 200 200 200 .

NOTES:

TOTAL

CAPACITY.

I. IN ALL CASES THE CAPACITY OF AN 'M'UNIT SHOULD BE REGARDED AS 20 LINES/100 SUBS.

4

200

2. IN GROSS Nº COLUMN, SHOW THE TOTAL 'A' UNIT PLUS 'M'UNIT A 11316 PLUS 'R'UNIT MULTIPLE EQUIPPED AT THE EXCHANGE

3. STATE WHETHER RELAY SETS ARE 'M'OR'R' e.g. 5/25M.

A.N. SHT 3 ISS A

250/

200

200

HISTORICAL RECORD OF AUTO EXCHANGE CAPACITIES

AND CUT-OVER DATES (CROSSBAR)

Q

	CTURER		95/219/1	excitrate			
TSC					ROUP : WARK		
		•	•		NO. : ^B		
				DATE			
	[TExt	ension		: 07.11		1
Event	C/O Date		ipment		NGF Capacity	Total Capacity	Remarks
		LF LLF	SI.LF	Terminal Capacity			
INITIAL LX	10.10.75	3	-	300	-	300	
EXTN 1	17.01.77	1	-	100	-	400	
EXTN 2	6.09.85	1	-	100	-	500	
	18.4.86	ļ!					STD INTRODUCED ORD + ONI + TB CATEGORIES ONLY
CLOSED	22-11-91	ļ!					CUSTOMERS X FERR TO SUES PCM PROM WARKWORTH
					4. 		
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Total	\searrow	5		\sim	\searrow	\mathbf{i}	

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HISTORICAL RECORD OF AUTOMATIC EXCHANGE

CAPACITIES AND CUT-OVER DATES (U.A.X'S)

MANUFACTURER :

FILE REFERENCE: C.E. 395/992/etc. F.C.C. : WARKWORTH

EXCHANGE	:	MAHURANGI
TYPE	•	U.A.X.
TOLL GROUP	:	WARKWORTH
ISSUE Nº	:	9
DATE	ł	5.7.83

														Į
EVENT	c/0		TENS					AL IN						
	DATE.	A UNITS	UNIT	RUNIT	M. UNIT LINES /SUBS	MAR NO LINES /SUBS	A UNITS	A UNIT LINES	R UNIT LINES /SUBS	M.UNIT LINES /SUBS	IMAR RE LINES /SUBS	GROSS Nº (NOTE2)	TOTAL CAPACITY	REMARKS.
<u></u>				i 										Previously served by WW UMX.
Initi							5	200			4/	300	200/	Flat rate on
PS 992/50	10.12. 5.12.		50		-1/5		5	250			20 3/ 15	300	300 250/ 300	
Addm 2	13.9.7	<u></u>	50	••			6	300			³ / ₁₅	300	7007	
	17.6.7	7 1	50				7	350			³ / ₁₅	400	350/ 400	
5	22.9.7						8	400			3/ ₁₅	400	400/ 400	
6	26.3.		50				9	450			3/ 15	500	500	
Addm 7	6.4.81	1	50				10	500			3/ 15	500	500/ 500	
-8	2.12.8		50				11	550			3/ 15	5 0 0	550/ 600	
lose	i 6.5.	83										-		Replaced by TLX DTY 83
														-
ATOT													· · · · · · · · · · · · · · · · · · ·	
CAPAC	ITY.						· · ·						<i>,</i> `	· · · · · · · · · · · · · · · · · · ·

NOTES:

1. IN ALL CASES THE CAPACITY OF AN 'M'UNIT SHOULD BE REGARDED AS 20 LINES / 100 SUBS.

2. IN GROSS Nº COLUMN, SHOW THE TOTAL 'A' UNIT PLUS 'M'UNIT PLUS 'R'UNIT MULTIPLE EQUIPPED AT THE EXCHANGE

3. STATE WHETHER RELAY SETS ARE 'M'OR'R! e.g. 5/25M.

5K A 20/72 253

HISTORICAL RECORD OF AUTO EXCHANGE CAPACITIES AND CUT-OVER DATES (CROSSBAR)

MANUFACTURER	:	NEC		EXCHANGE	;	MATAKANA	
FILE REFERENCE	:	EIC	395/238/109	TYPE	:	LX (NC230ZA)	
TSC	:	•	2 P 😽	TOLL GROUP	:	WARKWORTH	
		:	$V_{i} = V_{i}$	ISSUE NO.	:	8	

DATE

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i					11.7ت ا	.09	
Event	C/O Date	1	ension ipment		NGF Capacity	Total Capacity	Remarks
	,	LF LLF	SLLF	Terminal Capacity			
INITIAL LX	10.10.75	4		700		700	FLAT RATE ON WW REPLACED U.M.X.
	18.4.86	-	-	-	-		STD INTRODUCED ORD + ONI + TB CATEGORIES ONLY
PART A OF EXTN 1	19.12.86	-	-	100	-	800	+ one ELRU
PART BOF	27.5.88	1	-	100	_	900	+ one LLF
CLOSED	22-11-91						CUSTOMERS X FERRED To SUBS PCM FROM
					•		WARKWORTH
							•
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					·		<u> </u>
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Total		5		>	>	\times	······

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ЕР/АК 9

HISTORICAL RECORD OF AUTOMATIC EXCHANGE CAPACITIES AND CUT-OVER DATES (U.A.X'S) , EXCHANGE : PUHOI MANUFACTURER : TYPE : FILE REFERENCE: CE 395/430/etc UAX . TOLL GROUP : WARKWORTH F.C.C. : ISSUE Nº : 9 DATE : 5.4.91 TOTAL INSTALLED EQUIPMENT. EXTENSION EQPT. clo EVENT DATE A A RUNITIM UNITIMER NE A A RUNIT MUNITMER REGROSS TOTAL REMARKS.

		UNITS	LINES	1/5085	/SUBS	/SUBS	JUNUIS	LINES	/SU83	/SUBS	<u>!/SUBS</u>	(HOTT 2)	LAPALIN	
													ĺ	Subs served fr WW UMX prior t C/O
			•											
nitial C/O	10.12.71						2	90	-	-	6/ 30	100	90/ 100	Flat rate on W
Ext	9.8.78	1	50				3	140	-	_	6/ 30	200	140/ 200	
	18.8.8	2	10				3	150	-	-	6/ 30	200	150/ 200	
PS 430/ 50 ADDM 7	18.3.8	3 1	40				4	190	-	-	6/ 30	200	190/ 200	
<u></u>	10.8.8	7 1	, 50				5	240	-	_	6/ 3.0	300	240/ 300	
	5.4.69		10				5	250	-	-	6/30	300	250/300	
CLOSURE	5.4.91													SUBS XFERRED 170 FUHOI 2 RLU
					·									•
														-
								 ·						
TOTAL			>	l			-5	250	_		67 30	300	250/ 1 300	

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UP AN M DNIT SHOULD BE REGARDED AS 20 LINES/100 SUBS.

2. IN GROSS Nº COLUMN, SHOW THE TOTAL 'A' UNIT PLUS 'M' UNIT PLUS 'R' UNIT MULTIPLE EQUIPPED AT THE EXCHANGE

3. STATE WHETHER RELAY SETS ARE 'M'OR'R' 2.9.5/2514.

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A 11316

	•			••••	•				600 V	-60 Krd			. X ,e	9
	UFACI										NGE	:	TAPORA	
FILE F.C.	REFE	REN	CE:			′869/e ⊛ <u>≊⊒</u>					פורי		UAX WARKWC	្រការ
· . Q.	.		· .	·		· _	•				N5 1		7	
		;							DAT	E		:	07.11.8	9
	c/0		TENS		EQP		ļ					IPMEN		
EVENT	DATE.	A	UNIT			MAR RE	A		R.UNG	M.UNES	LIVES	GROSS Nº	TOTAL CAPACITY	REMARKS.
·				1506.	13020	10050		<u> 1901 0</u>	118000	1200				Previously served by
				<u> </u>		[<u> </u>			 	rural lines from WFD
Initi			 	<u> </u>				50		 	8/		50/	Message rate trunking
Addol	10.12 2.3.73		40	<u> </u>			2	90			40 8/	100	100 [°] 90/	
PS869/	50 16.12.										40		100	Free calling t
	10.12.											<u> </u>		
					ļ	 	<u> </u>				<u> </u>		· ·	
Close		-6 -	21	>										
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TOTAL	L JIY.		<u> </u>	>~<	I		2	90			8/ 40	100	90/. 100	

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HISTORICAL RECORD OF AUTO EXCHANGE CAPACITIES

MANUFACTURER : STC FILE REFERENCE : CE 395/464/etc F.C.C. : Warkworth

EXCHANGE	:	Warkworth
TYPE	:	CAX
TOLL GROUP	:	Warkworth
ISSUE Nº	:	12
DATE	:	03.11.89

EVENT	C/O DATE.		EG	UIPMEN	<u>۱۲.</u>		TOTAL CAPACITY.	REMARKS.
i		ССВ.	FBX.	REG.	2-P.	M PTY R/Set		
Initia C/O	1 10.12.7	1 25	375	600			1000/ 1000	2PL from INDV GRPF.R wit WFD, PUH, MHG
	10.10.	75						Flat rate extended to Matakana, Leigh
Extn l	۱ <u> </u>	p		+200			1200/ 1200	
PS 464/5 Addm 1	15.1.82					1/5 Note 1	1200/ 1200	
\$464/51 Addm 4	25.11.	83		200			1400/ 1400	
28.9.84								111 intro (WW Toll Grp) Free calling to KWK & MKI (WR)
	1.11.85							STD introduced ORD + 'ONT categories only
Extn 3	14.2.86			400	l		1800/ 1800	
Extn 4	28.8.87		200				2000/ 2000	
CLOSED	3.11.89	-25	-575	-1400		-1/5		REPLACED BY WU TX
								_
		·						
TOTAL.	\ge	o	0	O		0	$>\!\!<\!\!$	

Note 1: M PTY R/Set mounted in UAX B Unit.

HISTORICAL RECORD OF AUTO EXCHANGE CAPACITIES 14

AND CUT-OVER DATES (STEP BY STEP)

MANUFACTURER : ATE FILE REFERENCE : CE 395/467 F.C.C. :

EXCHANGE	:	WELLSFORD
TYPE	:	AMX
TOLL GROUP	:	WARKWORTH
195UE Nº	:	14
DATE	: .	07.11.89

EVENT	C/O DATE.		EG	UIPME	NT.		TOTAL CAPACITY.	REMARKS.		
		PBX Note 1	REG	S/S Note 3	RUR Note 2	'N' Party				
Initial UMX	16.1.29									
Initial AUTO	29.2.64	200	100 /0	300/ 400	100/ 1000		700/ 1600			
SxS Extn 1	28.4.69		200				900/ 1800	S/S subs being reduced by upgrading		
Add 'B'	10.12.71					100/ 500	1000/ 2 3 00	Free calling to Warkwor		
Add 'B'	19.11.72					+10/ 50	1010/ 2 350	UAX 'M' Unit provided Note 4		
Extn 2	2.3.73	200					1210/ 2550			
Extn 2	19.4.74		•			-10/ 50	1200/ 2500	UAX 'N' unit withdrawn Directory '74. Note 4.		
Extn 3-	15.5.84		300⁄ 400				1500/ 2900	20/40;2 Pty allocated from regular multiple.		
	23.11.84				-100/ 1000	-100/ 500	1 · ·	'Rur' and 'M' equipment withdrawn		
	1.11.85							STD introduced ORD + ONI categories only		
Extn 4	4.8.86		300/ 200		[1600/ 1600	• •		
DIR 91	5.4.91				 			ama closed sub aperred wpd2 RLU		
										
. 										
<u> </u>					 					
TOTAL.	$\mathbf{\mathbf{X}}$	400	900 / 800	300/ 400		-1				

An AMX 100/500 'M' unit replaced UAX 'M' unit at Directory 11316.

1974.