

1

2

3

4

5

6

7

8

A

B

C

D

E

F

G

ISS	DATE	ORDER	DRAWN	DRG CK	REVISED	APPD
A	30-6-87	084581	TMG	RG		HE

NOTE

- 1 PHOTOGRAPHIC NEGATIVE OR POSITIVE OF ARTWORK AVAILABLE ON THE AUTHORIZATION OF THE ORIGINATING SECTION
- 2 SHEETS 2-3 ARE NOT AVAILABLE FOR COPY PRINTING

SHT NO	SIZE	SUB-TITLE	ISSUE	SHT NO	SIZE	SUB-TITLE	ISSUE
1	A1	SCHEMATIC		1	A1	SCHEMATIC	A
2		COPPER SIDE		2		COPPER SIDE	A
3		SILKSCREEN		3		SILKSCREEN	
						MASTER ARTWORK	

TELECOM CORPORATION
OF NEW ZEALAND LIMITED
CHIEF EXECUTIVE - WELLINGTON

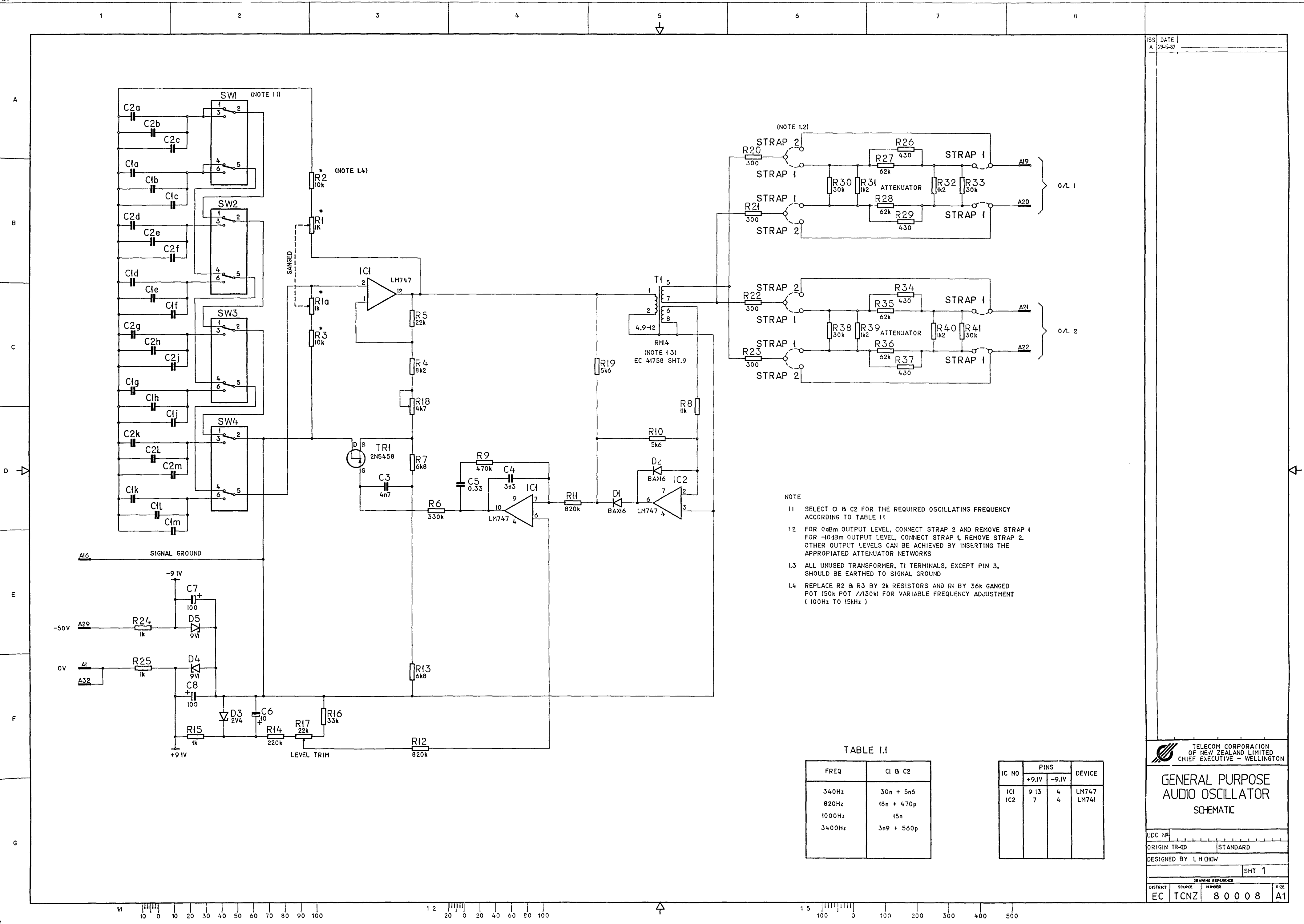
GENERAL PURPOSE
AUDIO OSCILLATOR
INDEX

UDC N ^o	
ORIGIN TR-D	STANDARD
DESIGNED BY L H CHOW	
	SHT INDEX
DRAWING REFERENCE	
DISTRICT	SOURCE
EC	TCNZ
NUMBER	SIZE
8 0 0 0 8	A1

11 10 0 10 20 30 40 50 60 70 80 90 100

12 20 0 20 40 60 80 100

15 100 0 100 200 300 400 500



- NOTE
- 1.1 SELECT C1 & C2 FOR THE REQUIRED OSCILLATING FREQUENCY ACCORDING TO TABLE 1.1
 - 1.2 FOR 0dBm OUTPUT LEVEL, CONNECT STRAP 2 AND REMOVE STRAP 1. FOR -10dBm OUTPUT LEVEL, CONNECT STRAP 1, REMOVE STRAP 2. OTHER OUTPUT LEVELS CAN BE ACHIEVED BY INSERTING THE APPROPRIATED ATTENUATOR NETWORKS
 - 1.3 ALL UNUSED TRANSFORMER, T1 TERMINALS, EXCEPT PIN 3, SHOULD BE EARTHED TO SIGNAL GROUND
 - 1.4 REPLACE R2 & R3 BY 2k RESISTORS AND R1 BY 36k GANGED POT (50k POT //130k) FOR VARIABLE FREQUENCY ADJUSTMENT (100Hz TO 15kHz)

TABLE 1.1

FREQ	C1 & C2
340Hz	30n + 5n6
820Hz	18n + 470p
1000Hz	15n
3400Hz	3n9 + 560p

IC NO	PINS		DEVICE
	+9.1V	-9.1V	
IC1	9	13	LM747
IC2	7	4	LM741

TELECOM CORPORATION OF NEW ZEALAND LIMITED
CHIEF EXECUTIVE - WELLINGTON

GENERAL PURPOSE AUDIO OSCILLATOR SCHEMATIC

UDC NO	ORIGIN TR-CD	STANDARD	
DESIGNED BY L.H.CHOW			
SHT 1			
DISTRICT	SOURCE	NUMBER	SIZE
EC	TCNZ	8 0 0 0 8	A1

