



Dear Carl,

QSL

CAPE TOWN RADIO / ZSC
REPUBLIC OF SOUTH AFRICA

CONFIRMATION OF YOUR RECEPTION
REPORT DATED *May 15. 1993*.....

Springbok, Kalahari Gemsbok National Park
Springbok, Kalahari Gemsbok National Park
Springbok, Parc National Kalahari Gemsbok
Springbok, Parque Nacional Kalahari Gemsbok

POSTCARD
FROM
SOUTH
AFRICA



Time: 1655 - 1706 UTC
Frequency: 22455
Program: Time Signal
Transmitter: DS10
Antenna: Quad
73's

rufus + joubert

ADDRESS

Carl Mann

6711 South 139 Avenue Circle

Omaha, Nebraska

68137

U.S.A.




Telkom SA Beperk
Privaatsak X9700
8000 KAAPSTAD

Telkom SA Limited
Private Bag X9700
8000 KAAPSTAD

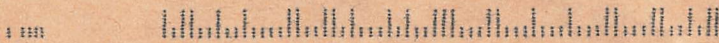
CAPE TOWN
2-VII
9.00
1993
KAAPSTAD

KAAPSTAD
30 6 93
CAPE TOWN

Republiek van Suid-Afrika
Posgeld Betaal
R 01,70
Postage Paid
Republic of South Africa

Carl Mann
6711 South 139 Avenue Circle
Omaha, Nebraska 68137
U. S. A.

INTERNASIONALE DIENSTE
INTERNATIONAL SERVICES
RADIO
KOSRADIO



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C A P E T O W N R A D I O / Z S C

(A Short History)

Cape Town Radio was established in 1910 at the old lighthouse site at Kommetjie on the western seaboard of the Cape Peninsula.

The first call-sign allocated was VNC and the station operated on the 400 kHz frequency using Spark transmitters. The operators had to work with the windows of the station wide open to the elements, summer and winter, to release the sulphur odours created by the apparatus.

In 1928 the call-sign ZSC was allocated and is still in use today.

During World War Two Cape Town Radio played a valuable role intercepting distress messages from allied ships under Axis submarine attack or being shelled by German pocket battleships. It is recorded that on one occasion the station monitored eight distress calls in ten minutes.

Towards the middle of the war, the station moved to Wireless Road, in Kommetjie where it shared premises with the Royal Navy until 1960.

In September 1965 the station moved to its present location in Koeberg Road, Milnerton, to premises that had recently been vacated by the South African Broadcasting Corp. The main operations room is in the only sound studio. Nearby is the building in which Marconi established the Wireless and Telegraph Co. in 1919.

Cape Town Radio established itself on the world maritime map from June 1967 when the Suez Canal was closed by the Arab/Israeli conflict. The station played a vital role in controlling communication traffic of the thousands of ships that diverted to the cape route. Congestion on the airways was chronic at times with as many as 27 ships waiting in turn on the various circuits for service. (CRY)

Congestion was just as bad at the ports. Frequently there were more than 100 ships at anchor in Table Bay roadstead seeking bunkers, stores and water. The reputation earned by Cape Town Radio during the eight years that Suez was closed has been maintained to this day. It is common practice for ships passing through the Suez Canal to communicate with Europe via Cape Town Radio.

The station is today manned by an operating staff of 70, plus technicians maintaining the transmitters at Klipheuwel 50 km north east of the station

Klipheuwel has long been the preferred site for radio transmitters. On relatively high ground clear of mountains, it is far enough from the Milnerton operations centre to prevent transmitted signals interfering with Reception at Milnerton. Marconi erected 245 m high radio masts at Klipheuwel in 1923. This was part of a plan to establish long-wave radio links between London and the entire British Empire. These high masts were never used, because in 1924 Marconi introduced shortwave radio which cost 1/20th of the longwave system, used only 1/50th of the power and trebled the transmission capability.

It's been a long walk from those sulphur-laden rooms and the Spark transmitters. Today's Capetown Radio operator sits at his computer console and works morse, telex and radio-telephone from the one position. Marconi would have been very proud indeed.

Cape Town Radio Radio-Telex Frequencies				Mode A.R.Q	Selcall 4331.
BAND	CHAN NR's	CALLSIGN	ZSC	SHIP	HOURS OF SERVICE
4Mhz	8	ZSC 60	2850	2502	1600-0600 UTC
8Mhz	25	ZSC 61	4214	4176	H-24
12Mhz	44	ZSC 62	8428,5	8388,5	H-24
16Mhz	19	ZSC 63	12601,0	12498,5	H-24
22Mhz	64	ZSC 64	16816,0	16692,5	0600-1800 UTC
		ZSC 65	22408,0	22316,0	0600-1600 UTC
Navigation Warnings.		Weather Forecasts.		Traffic Lists.	
0615, 0900, 1700 UTC		0930 and 1730 UTC		--FEC MODE-- Even hour plus 15 mins	

Radio-Telephone Frequencies.

International call and answer. (24Hrs).				Working Frequencies.			
CHAN	NRS	ZSC	SHIP	CHAN	NRS	ZSC	SHIP
DSC 2		4125	4125	405		4369,0	4077,0
421		4417	4125	424		4426,0	4134,0
821		8779	8255	801		8719,0	8195,0
1221		13137,0	12290	803		8725,0	8201,0
1621		17302,0	16420	805		8731,0	8207,0
2221		22756,0	22060	1209		13101,0	12254,0
				1608		17263,0	16381,0
				1633		17338,0	16456,0
				2204		22705,0	22009,0
				2206		22711,0	22015,0

Remote M.F. Stations along coast operated from Cape Town Radio.

Ships Transmit:- 2182, 2191, 2045, 2051, 2023, 2356.

2182 RX's:-	Mode	2182 TX's	Mode.	Working TX's	Mode.
Port Nolloth	H3E	Cape Columbine	H3E	2594	J3E
Cape St Martin	"	Cape Town	"		
Constantia Berg	"				
Milnerton	"				
Struisbaai	"	Cape Agulhas	"	2783	"
Mossel Bay	"				

Remote VHF Stations along Coast operated from Cape Town Radio.

Alexander Bay	CH 16	CH 23
Port Nolloth	16	25
Doringbaai	16	26
Cape St Martin	16	23
Malgaskop (Sda)	16	27
Milnerton	16	25
Constantia Berg	16	24 & 26 & 28
Franskraal	16	27
Struisbaai	16	27
Albertinia	16	26 & 28

Nav Warnings. Wx Forecasts. Coastal Wx. Reports. Tfc Lists
 0918,1718 UTC. 0948,1748 UTC. 1333 UTC. On receipt, 0003,0603,
 0948z,1403z et 1748z

First announced on VHF 16 & 2182 Khz, then up 24 or 26 or 28, 1764, 4435khz

Wireless-Telegraphy Service.

Frequencies:-

Hours of Service.

Frequencies:-		Summer.	Winter.
ZSC 33	4317	H-24	H-24
ZSC 6	8688,5	H-24	H-24
ZSC 9	12698	0500-2200 UTC	0500-2000 UTC
ZSC 7	17164,75	0500-2000 "	0500-1800 "
ZSC 20	22659,0	0600-1600 "	0600-1600 "

Nav Warnings. Weather Forecasts. Traffic Lists. Time Signal
 0630,0900,1700z 0930 and 1730 UTC. Even hour plus 30 Mins. 0755-0800z
1655-1700z

<u>Frequencies:-</u>	ZSC 5	418	ZSC 46	4291	ZSC 42	8461
	ZSC 38	12772,5	ZSC 44	17018	ZSC 40	<u>22455</u>