G.P.Evans	27.12.1993	File Name = HISTO	RY
the gun was thatched roo naval/milita 1807 Noon Gur Used to rate	fired from the Cas of of the dragoon s ry rations in the sto n fired from Imhoft ships chronomete	f Battery , Cape Town Cers. (3)	n the ed and all .) astle.
	istol and powder	nination erected at the magazine purchased fo (2)	` '
30 Sep 1836 Time-I Oct 1853 Observa Repeating ti 1857 Time-Ball	Ball erected to S E story time ball not me-ball on Lions R in Simons Town. <i>F</i>	of the Observatory visible from whole of T	·
21 May1860 Obser Sep 1861 Electric Jun 1863 Observa 1864 Gun fired	rvatory time-ball h release of 3 time- story time-ball onc electrically from R gnal from Port Eliza	idden by trees, re-locat balls from Observatory. e again moved	ted N (8) . (8) (8) (3)
1878 Noon ball 13:00:00 : Ti Observatory 1883 17 foot til Clock to be c	me ball tower erectory	for shipping. at :- ort Elizabeth, Kimberle)(17)
13:00:00 Tir Time B Time B Gun fir Govt. telegra	drops time ball at me Ball dropped at all dropped at Por all dropped at Eas ed at Imhoff batte aphic system distri	t Simon's Bay t Elizabeth t London ery. buted a time signal for	
07 Feb 1892 Arrang Previously O purposes thi used local tii W railway sy longitude fo that the unif	bservatory mean to be a servatory mean to be a servatory mean servatory mean servatory mean to be a servatory mean	nd Tvl. (9) changing civil time of countries time was used for telegony and different railway tation. At junction of Extended to adopt 22.5 degrees. This worked so well that ape Colony was adopte (10)	raphic v systems and ees E as hat

08 Feb 1892 Time signals at Observatory mean time noon and 1pm discontinued in favour of a single signal at Greenwich mean

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noon which corresponds to 13 30 00 of
      Uniform South African time.
                                                   (10)
    1893 Daily signals from Observatory at GMT noon :-
      1. Disc dropped at Simon's Bay for shipping.
      2. Gun fired at Imhoff Battery for shipping and town.
      3. Time ball dropped at docks in Cape Town.
      4. Disc dropped at Lighthouse in Port Elizabeth
      5. Ball dropped at East London.
      6. Ball dropped at Port Alfred.
      7. Signal to all telegraph offices in Cape, O.F.S. and Tvl
      A clock in the Harbour Tower at the C.T. docks is
      electrically controlled from the observatory.
                                                         (11)
    1894 Daily signals from the Observatory at GMT noon :-
      Same as 1893.
      New Time-Ball erected in a conspicuous position near Resident
      Engineer's Office of the Cape Town Docks.
                                                         (12)
    1895 Daily signals from the Observatory at GMT noon :-
      Same as 1894.
20 Mar 1895 Two return signals from C.T. time ball
      1. at the instant the ball begins to fall
      2. at the bottom of its drop.
                                                  (13)
    1896 Daily signals from the Observatory at GMT noon :-
      Same as 1895.
      Simon's Bay disc failed often from old age.
                                                        (14)
    1897 Daily signals from the Observatory at GMT noon :-
      Same as 1896
      Simon's Bay disc dropped up to 11 Dec 1898
                                                           (15)
01 Jan 1898 Simon's Bay disc being replaced by time-ball.
                                                               (15)
02 Feb 1898 to 09 Feb 1898 Cape Town gun under repair.
                                                                 (16)
14 Apr 1898 Simon's Bay time-ball operational.
                                                           (16)
    1898 Daily signals from the Observatory at GMT noon :-
      Same as 1897 except for the Port Alfred ball which was
      discontinued. Telegraphic signals also go to Rhodesia. (16)
18 Dec 1900 Cape Town time-ball position :-
      74.83 ft above l.w.o.s.t.
      30 ft above ground level (ball drops 10 ft)
      Latitude 33 deg 54'24" S
      Longitude 18 deg 25' 10.4"E
                                                   (18)
    1901 Daily signals from the Observatory at GMT noon :-
      Same as 1898.
      Failures at P.E. and E.L. partly due to interruption
      of the lines by the Boers.
                                                (19)
01 Nov 1901 Hourly signal sent to Wynberg station-set clocks every hr(19)
      1902 Daily signals from the Observatory at GMT noon :-
      Same as 1901.
04 Aug 1902 Noon Gun to Lion Battery on Signal Hill.
      Gun now fired from Signal Hill battery.
                                                     (3)(20)
28 Feb 1903 Midnight. The whole of South Africa adopts longitude 30
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degrees E for time determination. That is 2 hrs ahead of Greenwich time. (21)1903 Ramrod shot over city. (2) 1904 Second floor added to time-ball building. (17)1914 Daily signals from the Observatory at 10 00 00 GMT:-1. Ball dropped at Simon's Bay for shipping. 2. Gun fired from battery on Signal Hill. 3. Time ball dropped at docks in Cape Town. 4. Disc dropped at Lighthouse in Port Elizabeth. 5. Ball dropped at East London. (22)01 Sep 1914 Daily transmission of wireless time signal for shipping on Union Government wireless station at Slangkop. 14 May 1918 Midday pause for 2 min - war rememberance (3) 17 Jan 1919 Midday pause discontinued (3) 06 Feb 1925 Broadcast of time but Noon Gun retained (3) 1925 Daily signals from the Observatory at 10 00 00 GMT:-1. Ball dropped at Simonstown dockyard for shipping. 2. Gun fired from battery on Signal Hill. 3. Time ball dropped at docks in Cape Town. 4. Disc dropped at Lighthouse in Port Elizabeth. 5. Ball dropped at East London. Time signal sent to telegraphic system and railway services. A clock in the Harbour Tower at the C.T. docks is electrically controlled from the observatory. Daily transmission of wireless time signal for shipping on Union Government wireless station at Slangkop. (23)06 Feb 1925 Time signal from the Observatory consisting of 4 dashes, the commencement of the last being on the hour, was transmitted by Local Broadcasting Association 3 times per day (23) 1926 Daily signals from the Observatory at 10 00 00 GMT:-1. Ball dropped at Simonstown dockyard for shipping. 2. Gun fired from battery on Signal Hill. 3. Time ball dropped at docks in Cape Town. 4. Disc dropped at Lighthouse in Port Elizabeth. 5. Ball dropped at East London. Time signal sent to telegraphic system and railway services. A clock in the Harbour Tower at the C.T. docks is electrically controlled from the Observatory. Time signal also received at meteorological stations in Bulawayo and Salisbury. Daily transmission of wireless time signal for shipping on Union Government wireless station at Slangkop. 1927 Daily signals from the Observatory at 10 00 00 GMT:-Same as 1926. (25)1928 Daily signals from the Observatory at 10 00 00 GMT:-Same as 1927. (26)Aug 1928 Automatic control of clock in Harbour Tower discontinued as Harbour Administration considered it unnecessary. (26)

15 Sep 1928 Belin apparatus to send international (ONOGO) time signals installed. Transmission from Slangkop once a day. Local Broadcasting Association transmits last group of ONOGO signal (6-pips) at 1500 and 1800 GMT. Beginning of 6th pip is on the hour. (26)1929 Daily signals from the Observatory at 10 00 00 GMT:-Same as 1928. (27)08 Feb 1929 Simonstown time-ball dismantled. (27)1930 Daily signals from the Observatory at 10 00 00 GMT:-Same as 1929. (28)30 Sep 1930 Disc in Port Elizabeth dismantled. (28)1933 Daily signals from the Observatory at 10 00 00 GMT:- Gun fired from battery on Signal Hill. 2. Time ball dropped at docks in Cape Town. Time signal sent to telegraphic system and railway services. Time signal also received at meteorological stations in Bulawayo and Salisbury. Daily transmission of wireless time signal for shipping on Union Government wireless station at Slangkop. 31 Oct 1933 6-pip signal transmitted by African Broadcasting Company changed from 1700 and 2000 SAST to 1300, 1700, 1800, 1900, 2000, 2100 SAST. (29)1934 Daily signals from the Observatory at 12 00 00 SAST :-1. Gun fired from battery on Signal Hill. 01 Feb 1934 Time ball at docks in Cape Town discontinued. Time signal sent to telegraphic system and railway services. Time signal also received at meteorological stations in Bulawayo and Salisbury. Daily transmission of wireless time signal for shipping on Union Government wireless station at Slangkop. 07 Sep 1934 Removal of the Time Ball at the Docks. The ball was made in 1932 from thin steel plate. (31)1935 Daily signals from the Observatory at 12 00 00 SAST :-Same as 1934. 20 Sep 1942 Summer Time introduced with clocks advanced by 1hr during the summer months until 21 March 1943. (33)(34)20 Sep 1943 Summer Time (clocks advanced 1hr) until 21 March 1944 when the use of summer time was dropped. (33)(34)Miscellaneous Information Noon Gun: " H M King George III (1760 - 1820)" 18-pounder 42 CWT smooth bore charged with 1.3 Kg black powder (3) The report of the Noon gun on Signal Hill is not always audible at the Observatory. When conditions allow it is heard 18.5 seconds after detonation. (35)

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- (30) Report of H.M. Astronomer at the Cape of Good Hope for the year 1934
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- (32) Report of H.M. Astronomer at the Cape of Good Hope for the year 1935
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