

USA - OPERATION DEEP FREEZE STATION POSTAL MARKINGS 1956-2008

By: Mark Jurisich FRPSNZ, Dr. David J Larson Jr. & Scott F Smith.

Introduction

This is a study of the postal markings (cancellations) applied at postal facilities at USA Antarctic stations, from the beginning of Operation Deep Freeze to end of 2008.

1. Little America Station 01 May 1956 – 15 Dec 1959
2. Byrd Station 01 Jan 1957 -
3. McMurdo Station 01 Oct 1958 - present
4. South Pole Station 15 Dec 1956 - present
5. Christchurch Station 21 Sep 1956 - present
6. Special Expedition Cancels 1960, 1961, 1962

This study does not cover ship cancels, stamped-date cachets or other postal markings applied to mail.

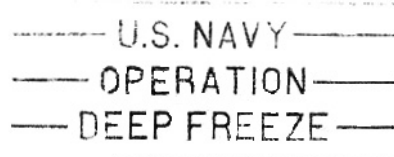
Measurements

Most rubber hand cancel impressions are circular, even if the canceller itself was rectangular. Cancel diameters were measured from clear impressions in the N-S, E-W, NW-SE & SW-NE directions where possible. Multiple impressions were sought. Many impressions became oblate over time from continued usage; i.e. 33mm diameter could eventually become 32-33mm high x 33-34mm wide. Impressions also became increasingly blurred with extensive usage or over-inking.

U.S.N. is measured from left of U to right of stop after N. Machine cancels are generally shown actual size, whereas hand cancels are reduced in size.

1. LITTLE AMERICA STATION

Part I. LA Machine Cancels



LA mc 01

LITTLE AMERICA, ANTARCTICA U.S.N.
diameter 22mm; U.S.N. width 9mm
month-date/time/year
U.S. NAVY OPERATION DEEP FREEZE, 5 killer bars
usage: 01 May 1956 – 25 Sep 1957

Part II. LA Hand Cancels



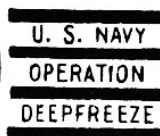
LA hc 01 INTERIM

LITTLE AMERICA, ANTARCTICA U.S.N.
diameter 33mm; U.S.N. width 13.5mm
month/date/SPACE/year
U.S. NAVY OPERATION DEEP FREEZE, 4 killer bars
usage: 01 May 1956 – 31 Oct 1956



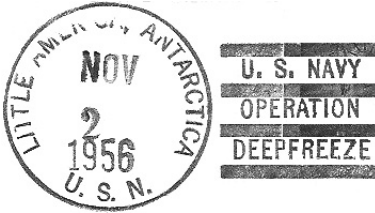
LA hc 01 INTERIM variant 1a

LITTLE AMERICA, ANTARCTICA U.S.N.
diameter 33mm; U.S.N. width 13.5mm
month/date/time/year
U.S. NAVY OPERATION DEEP FREEZE, 4 killer bars
usage: 01 May 1956



LA hc 01 INTERIM variant 1b

month/TIME MISSING/date/year
usage: 31 Oct 1956



LA hc 01 INTERIM variant 1b
variation in line positioning
usage: 02 Nov 1956



LA hc 02
LITTLE AMERICA, ANTARCTICA U.S.N.
diameter 33mm; U.S.N. width 13.5mm
month/date/time/year
U.S. NAVY OPERATION DEEP FREEZE, 4 killer bars
usage: 29 Jan 1957 – 14 Dec 1957



LA hc 01 INTERIM variant 2
LITTLE AMERICA, ANTARCTICA U.S.N.
diameter 33mm; U.S.N. width 13.5mm
month-date-year in one line
U.S. NAVY OPERATION DEEP FREEZE, 4 killer bars
usage: 08 Nov 1956 – 17 Dec 1956



LA hc 02 variant 1
time/month/date/year
usage: 25 Dec 1957



LA hc 01 INTERIM variant 2
variations on single line positioning

When the first canceller was prepared for usage, LA hc 01 INTERIM, the date mechanism was damaged to the point of being unusable. As a result, from the first day of usage, the cancellation process was a two step process.

The May 1 1956 date was used throughout the winter-over, but saw little usage because of the two-step process. As the second season opened, there was a desire to send mails out posted currently, this still required the two-step process, but spacings changed as the canceller was used. Next, they tried a single line date stamp as the second step. This was used throughout NOV/DEC.

Finally, the new canceller arrived and came into use in January 1957 as a single step process. The LA hc 01 INTERIM sequence all used the original circular ring with killer bars. The separate process to add the date lasted from May 01, 1956 through December 1956.



LA hc 02 variant 2
month/date/TIME MISSING/year
usage: 22 Nov 1957 – 24 Jul 1958



LA hc 02 variant 3
date/month/TIME MISSING/year
usage: 13 Nov 1957

Part III. LA Registration Cancels



LA hc 02 variant 4
month/date/year/TIME MISSING
usage: 19 Dec 1957 – 20 Dec 1957



LA rc 01 INTERIM
LITTLE AMERICA, ANTARCTICA
NEW YORK, N.Y. 17038 BR.
diameter 30mm; no killer bars
month/date/year
usage: 01 May 1956 – 15 Jan 1957

LA rc 01 INTERIM also required the same two-step process previously described.



LA hc 02 variant 5
month/TIME MISSING/date/year
usage: 29 Nov 1957



LA rc 02
month/date/year
usage: 04 Jan 1957 - 06 Mar 1957

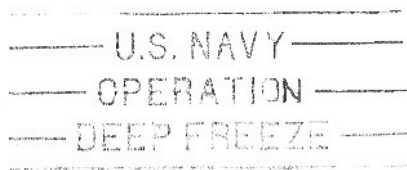


LA hc 02 variant 6
TIME MISSING/month/date/year
usage: 26 Nov 1958

2. BYRD STATION

usage: 01 Dec– 07 Dec [1961]

Part I. BS Machine Cancels



BS mc 01

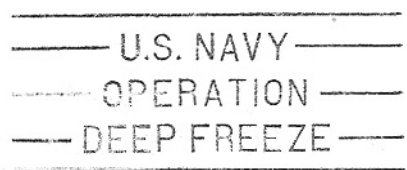
BYRD STATION, ANTARCTICA U.S.N.
distance between BYRD & STATION 2mm
month-date/time/year

U.S. NAVY OPERATION DEEP FREEZE; 5 killer bars
usage: 01 Jan 1957 (opening) – 18 Feb 1963



BS mc 01 variant 6

MONTH-DATE MISSING/time/YEAR MISSING
usage: ??



BS mc 01 variant 1

INVERTED DIAL
usage: 10 May 1957 - 30 May 1957



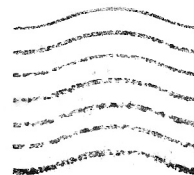
BS mc 01 variant 7

time/month-DATE MISSING/year
usage: 8 Jan 1962



BS mc 01 variant 2

time/month-date/year
usage: 24 Dec 1958 – Mar 1964



BS mc 02 INTERIM

distance between BYRD & STATION 1.5mm
seven wavy killer bars, no words
month-date/time/year
usage: 21 Jun 1964 – 21 Oct 1970



BS mc 01 variant 3

time/month-date/time BRACKET/year
usage: 01 Jan 1959



BS mc 02

distance between BYRD & STATION 1.5mm
month-date/time/year
U.S. NAVY OPERATION DEEP FREEZE; 5 killer bars
usage: 21 Jun 1964 – 21 Oct 1970



BS mc 01 variant 4

month-date/time/YEAR INVERTED
usage: 19 Jan 1962



BS mc 02 variant 1

time/month-date/year
usage: 04 Mar 1964 – 18 Apr 1971

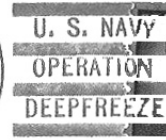


BS mc 01 variant 5

month-date/time/YEAR MISSING



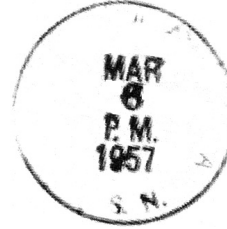
BS mc 02 variant 2
time SMUDGED/month-date/year
usage: 21 Sep 1967 – 30 Dec 1967



BS hc 01 variant 2
time/date/month/year
usage: 07 Nov 1960 - 26 Aug 1966



BS mc 02 variant 3
month-date/time/YEAR INVERTED
usage: 24 Oct 1969 - 18 Mar 1970



BS hc 01 variant 3
month/date/time/year
usage: 29 Jan 1957- 06 Mar 1957



BS mc 02 variant 4
Year/month-DATE MISSING/TIME INCOMPLETE
usage: 18 Mar 1970



BS hc 02
BYRD STATION, ANTARCTICA U.S.N.
diameter 33mm, U.S.N. width 10mm
month/date/year/time
U.S. NAVY OPERATION DEEP FREEZE; 4 killer bars
usage: 30 Dec 1965

Part II. BS Hand Cancels



BS hc 01
BYRD STATION, ANTARCTICA U.S.N.
diameter 33mm, U.S.N. width 13.5mm
time/month/date/year
U.S. NAVY OPERATION DEEP FREEZE; 4 killer bars
usage: 01 Jan 1957 (opening) – 18 Feb 1963



BS hc 02 variant 1
year/month/TIME MISSING/date
usage: 23 Dec 1967 – 27 Dec 1967



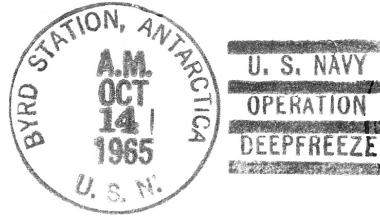
BS hc 01 variant 1
month/date/year/time
usage: 01 Feb 1958 – 08 Nov 1958



BS hc 02 variant 2
date/month/TIME MISSING/year
usage: 31 Oct 1967 – 04 Jul 1968



BS hc 02 variant 3
month/date/TIME MISSING/year
Usage: 05 Feb 1969



BS hc 04
BYRD STATION, ANTARCTICA U.S.N.
diameter 35mm, U.S.N. width 13.5mm
time/month/date/year
U.S. NAVY OPERATION DEEP FREEZE; 4 killer bars
usage: 14 Oct 1965 – 31 Oct 1965



BS hc 02 variant 4
mute cancel, no slugs
usage: 18 Apr 1971 – 13 Jan 1972



BS hc 04 variant 1
time/date/month/year
usage: 26 Aug 1966



BS hc 02 variant 5
date manuscript/month/year manuscript
usage: 15 Feb 1972 (last day of BYRD STATION)



BS hc 04 variant 2
date/month/year/TIME MISSING
usage: 3 Nov 1966



BS hc 02 variant 6
date /month INVERTED/year
usage: 22 Aug 1969

Part III. BS Registration Cancels



BS rc 01
BYRD STATION, ANTARCTICA
NEW YORK, N.Y. 17039 BR.
date/month/four digit year
diameter 31mm; no killer bars
usage: 25 Dec 1965 –



BS hc 03
BYRD STATION, ANTARCTICA U.S.N.
diameter 37mm, U.S.N. width 15.5mm
date/month/year/TIME MISSING
U.S. NAVY OPERATION DEEP FREEZE; 4 killer bars
usage: 15 Nov 1966



BS rc 01 variant 1

month/four digit year/DATE MISSING

usage: Sep 1967



BS rc 01 variant 2

month/date/four digit year

usage: 18 Dec 1963 – 25 Dec 1971



BS rc 01 variant 3

date/month/two digit year

usage: 01 Jan 1972 – 15 Feb 1972 (last mail)



BS rc 01 variant 4

date/month/two digit year

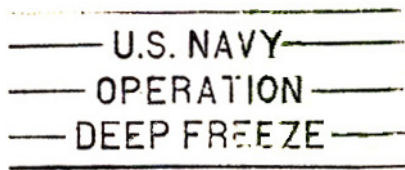
killer bars at left

usage: 19 Jan 1972

3. MCMURDO STATION

month-date/time/year
usage: 17 Jan 1961 – 18 Feb 1968

Part I. MCM Machine Cancels



MCM mc 01
U.S. NAVY 17038 BR
diameter 14mm, space between U.S. & NAVY 1.5mm
time/month-date/year
U.S. NAVY OPERATION DEEP FREEZE, 5 killer bars
usage: 31 May 1958 – 08 Dec 1972



MCM mc 01 variant 6
time/month-date/YEAR MISSING
usage: 03 Jan



MCM mc 01 variant 1
Time (minutes)/month-date/year
usage: 16 Nov 1958 – 04 Feb 1966



MCM mc 01 variant 7
month-date/time (-M) /year
usage: 11 Nov 1965 – 04 Jan 1968



MCM mc 01 variant 2
TIME MISSING/month-date/year
usage: 13 Oct 1959 – 10 Feb 1960



MCM mc 01 variant 8
TIME MISSING/month-date BRACKE /year
usage: 1 Mar 1960



MCM mc 01 variant 3
TIME MISSING/month-date/YEAR INVERTED
usage: 12 Feb 1960 – 25 Feb 1960



MCM mc 02
U.S. NAVY 17038 BR
space between U.S. & NAVY 3mm
time/month-date/year
U.S. NAVY OPERATION DEEP FREEZE, 5 killer bars
usage: 01 Mar 1972 – 09 Feb 1974



MCM mc 01 variant 4
month-date/TIME MISSING/year
usage: 19 Sep 1959 – 16 Oct 1961



MCM mc 02 variant 1
month-date/time/YEAR MISSING
usage: 06 Feb 1973 – 13 Nov 1981



MCM mc 01 variant 5



MCM mc 02 variant 2
 month-date/time/year
 usage: 19 Dec 1972 – 09 Nov 1977



MCM mc 02 variant 3
 month-date/TIME ERROR (bracket on left)/year
 usage: 13 Nov 1973



MCM mc 02 variant 4
 time/MONTH DATE ERROR (bracket on right)/year
 usage: 14 Jan 1974



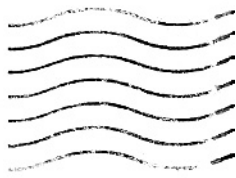
MCM mc 02 variant 7
 month-date/TIME MISSING/year
 usage: 20 Dec 1977 – 06 Nov 1978



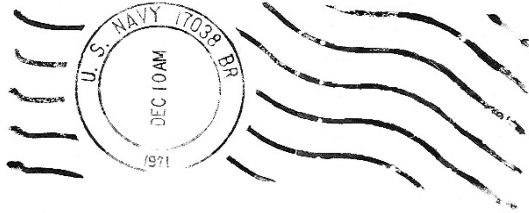
MCM mc 02 variant 8
 TIME MISSING/month-date/year
 usage: 11 Dec 1978



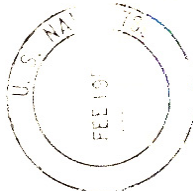
MCM mc 03
 U.S. NAVY 17038 BR.
 time/month-date/year
 no words, 7 wavy killer bars
 usage: 01 Feb 1972 – 08 Feb 1972



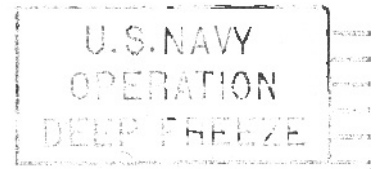
MCM mc 04
 U.S. NAVY 17038 between 4 wavy roller bars
 width 18mm
 usage: 11 Dec 1973 – 19 Feb 1974



MCM mc 05
 double ring, diameter 32mm
 U.S. NAVY 17038 BR. 1971
 single line date: month-date-time
 wavy roller bars
 usage: Dec 1971 – Oct 1972



MCM mc 05 variant 1
 YEAR MISSING
 Usage: 19 Feb 1974



MCM mc 06
 U.S. NAVY FPO 96692
 month-date/time/year
 boxed U.S. NAVY OPERATION DEEP FREEZE
 usage: 04 Jan 1980 – 15 Dec 1986



MCM mc 06 variant 1
 month-date/time/YEAR MISSING
 usage: 06 Jan 1987



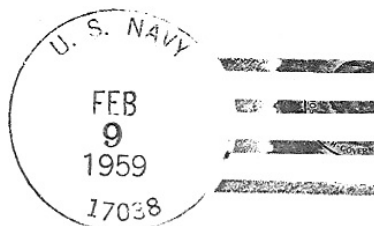
MCM mc 06 variant 2

month-date/time/YEAR INVERTED
usage: 12 Nov 1986



MCM mc 06 variant 3
time/month-date/year
usage: 16 Jan 1979

month/date/TIME MISSING/year
usage: 01 Oct 1958 – 28 Jan 1959



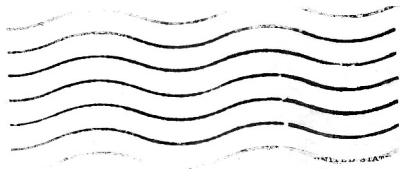
MCM hc 01 variant 2
TIME MISSING/month/date/year
usage: 04 Jan 1959 – 26 Nov 1960



MCM mc 07
U.S. NAVY FPO 96692
time/month-date/year
seven wavy bars
usage: 18 Nov 1988- 30 Dec 1988



MCM hc 01 variant 3
month/date/time/year
usage: 24 Dec 1961 – 17 Dec 1962



MCM mc 08
U.S. NAVY 17038 BR.
space between U.S. & NAVY 3mm
month-date/time/YEAR MISSING
no words, 7 wavy killer bars
usage: 1977-1982

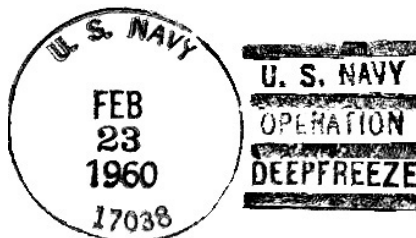


MCM hc 01 variant 4
TIME MISSING/date/month/year
usage: 02 Mar 1961 – 27 Sep 1961

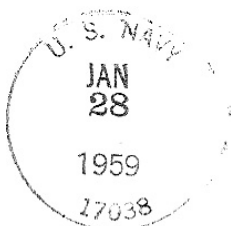
Part II – MCM Hand Cancels



MCM hc 01
U.S.NAVY 17038
diameter 33mm; no words in 4 killer bars
month/date/year/TIME MISSING
usage: 20 Dec 1957 – 02 Mar 1959



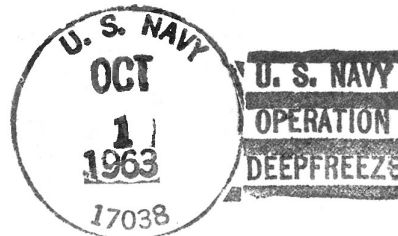
MCM hc 02
U.S.NAVY 17038
diameter 33mm
TIME MISSING/month/date/year
U.S. NAVY OPERATION DEEP FREEZE, 4 killer bars
usage: 27 Nov 1959 – 14 Dec 1964



MCM hc 01 variant 1



MCM hc 02 variant 1
date/month/year/TIME MISSING
usage: 09 Jan 1961 – 15 Feb 1961



MCM hc 02 variant 6
month/TIME MISSING/date/year
usage: 012 Oct 1963



MCM hc 02 variant 2
TIME MISSING/date/month/year
usage: 26 Feb 1961 – 11 Oct 1961



MCM hc 03
U.S.NAVY 17038 BR.
diameter 32mm; no words in 4 killer bars
month/date/time (no stops) /year
usage: 25 Feb 1967 – 29 Dec 1973



MCM hc 02 variant 3
date/month/time/year
usage: 13 Jan 1964 – 08 Jan 1965

occurs without killer bars
17 Dec 1973



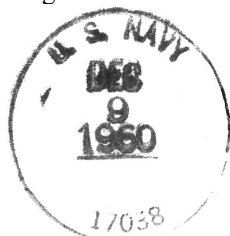
MCM hc 03 variant 1
time/month/date/year
usage: 02 Jan 1972 – 29 Nov 1972



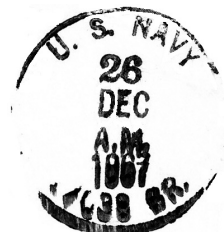
MCM hc 02 variant 4
month/date/TIME MISSING/year
usage: 01 Oct 1963 – 23 Nov 1963



MCM hc 03 variant 2
month/date/year/time
usage: 18 Oct 1977 – 09 Feb 1978



MCM hc 02 variant 5
month/date/year/TIME MISSING
usage: 29 Nov 1960 – 23 Dec 1960



MCM hc 03 variant 3
date/month/time/year

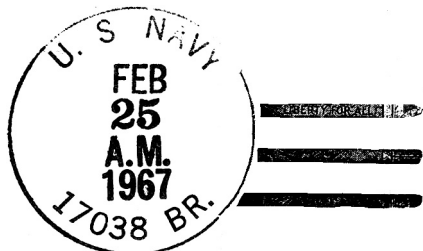
usage: 26 Dec 1967



MCM hc 03 variant 4
month/time/date/year
usage: 13 Nov 1971 – 07 Dec 1971



MCM hc 03 variant 5
month/date/time/year
usage: 17 Dec 1973



MCM hc 03 variant 6
month/date/time (stops) /year
usage: 17 Dec 1973



MCM hc 04
U.S. NAVY BR. 17038 NEW YORK, NY
diameter 32mm; no words in 4 killer bars
time/month/date/year
usage: 14 Dec 1972 - 21 Jan 1978



MCM hc 04 variant 1
date-month-year in one line
usage: 01 Aug 1973



MCM hc 04 variant 2
time/date/month/year
usage: 31 Jul 1973 – 31 Jul 1974



MCM hc 04 variant 3
date/month/time/year
usage: 03 Jan 1974 – 14 Jan 1977



MCM hc 04 variant 4
month/date/year/time
usage: 29 Nov 1974 – 09 Oct 1975



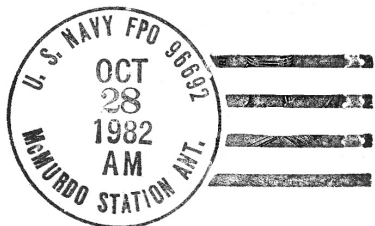
MCM hc 05 (showing TYPE I canceller)
U.S. NAVY FPO 96692 MCMURDO STATION ANT.
diameter 33-34mm; no words in 4 killer bars
month/date/year/TIME MISSING
usage:

MCM hc 05 Type I, used from 1978-1988
MCM hc 05 Type II, used from 1980-1988

MCM hc 05 appears to have had two types of rubber hand canceller – TYPE I and TYPE II:

TYPE I bottom killer bar on left side is hooked downwards;
first “T” in STATION is centered on bottom of the ring;
McMURDO STATION ANT is slightly smaller & compact

TYPE II bottom killer bar on left side is not hooked but
straight; first T of STATION is right of center on the bottom
of the ring; McMURDO STATION ANT is slightly larger
and less compact.



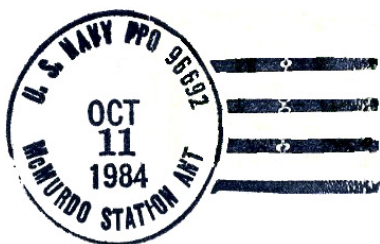
MCM hc 05 variant 1 (showing TYPE II canceller)

month/date/year/time

usage:

MCM hc 05 var 1 Type I, used from 1978-1983

MCM hc 05 var 1 Type II, used from 1982-1983

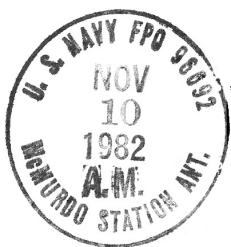


MCM hc 05 variant 2 (showing TYPE I canceller)

TIME MISSING/month/date/year

usage:

MCM hc 05 var 2 Type I, used 1984



MCM hc 05 var 3

month/date/year A.M. (stops after letters)

usage: 06 Nov 1981 – 3 Nov 1984

MCM hc 05 var 3 TYPE I, used 1982-1984

MCM hc 05 var 3 TYPE II, used 1981-1984



MCM hc 06

U.S. NAVY FPO 96692 MCM ANTARCTICA
diameter 33mm; no words in 4 killer bars
month/date/time/year
usage: 31 Oct 1978 – 21 Nov 1978



MCM hc 06 variant 1

month/date/year/time

usage: 17 Oct 1978 – 20 Jan 1983



MCM hc 06 variant 2

month/date/year/TIME MISSING

usage: 17 Oct 1978 – 11 Feb 1984



MCM hc 06 variant 3

month/date/year/BLANK SLUG

usage: 08 Nov 1983



MCM hc 07

US NAVY MCM ANTARCTICA FPO 96692
diameter 33mm; no words in 4 killer bars
TIME MISSING/month/date/year
usage: 03 Feb 1983 – 09 Nov 1996



MCM hc 07 variant 1
month/date/year/TIME MISSING
usage: 01 Nov 1985 – 09 Nov 1996



MCM hc 08
U.S. NAVY FPO AP 96599 MCM ANTARCTICA
diameter 31 mm; no words in 4 killer bars
month/date/year
usage: 30 Oct 1991 - 15 Feb 1994



MCM hc 07 variant 2
month/date/YEAR INVERTED/TIME MISSING
usage: 03 Nov 1986 - 04 Nov 1986



MCM hc 08 variant 1
date/month/year
usage: 21 Nov 1992 – 01 Feb 1993



MCM hc 07 variant 3
month/date/LINE/year/TIME MISSING
usage: 03 Oct 1990



MCM hc 08 variant 2
MONTH MISSING/date/year
Usage: 31 ... 1993



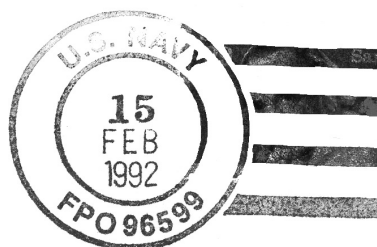
MCM hc 07 variant 4
TIME MISSING/date/month/year
usage: 06 Oct 1992 – 11 Nov 1995



MCM hc 09
US NAVY FPO 96599 2900
diameter 33mm; no words in 4 killer bars
month/date/year
usage: 13 Feb 1991 -

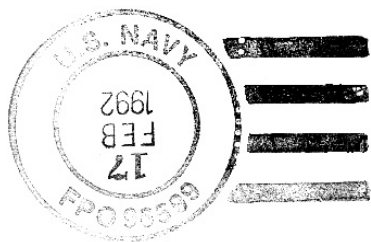


MCM hc 07 variant 5
MONTH INVERTED/date/year
usage: 29 Nov 1993



MCM hc 10
U.S. NAVY FPO 96599

double ring; diameter 35mm; no words in 4 killer bars
date/month/year
usage: 15 Feb 1992 –



MCM hc 10 variant 1
DATE/MONTH/YEAR INVERTED
usage: 17 Feb 1992



MCM hc 10 variant 2
month/date/year
usage: 07 Oct 1994



MCM hc 11
MCM ANTARCTICA FPO 96599 US NAVY
diameter 33mm; no words in 4 killer bars
month/date/year
usage: 21 Nov 1996 - 26 Jan 1998



MCM hc 12
U.S. NAVY MCM ANTARCTICA FPO 96599
diameter 28mm; no words in 4 killer bars
month/date/year
usage: 31 Dec 1996 - 04 Feb 1997



MCM hc 13
USAF ANTARCTICA APO AP 96599
diameter 28mm; no words in 4 killer bars
date/month/year
usage: 01 Sep 1998



MCM hc 13 variant 1
date/month/year
usage: 12 Feb 1998 – 26 Oct 1998



MCM hc 14
USAF MCMURDO ANTARCTICA APO AP 96599
diameter 28mm; no words in 4 killer bars
month/date/year
usage: 25 Nov 1998 - 24 Dec 1998



MCM hc 14 variant 1
month/date/YEAR MISSING
usage: 17 Oct 1999



MCM hc 14 variant 2
All MONTH/DATE/YEAR MISSING
usage: 23-25 Jan 2003



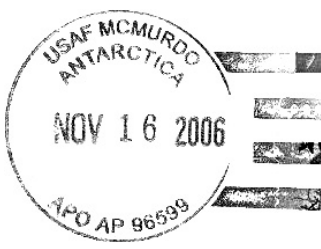
MCM hc 14 variant 3
MONTH MISSING/DATE MISSING/year
usage: 2002 - 25 Jan 2003



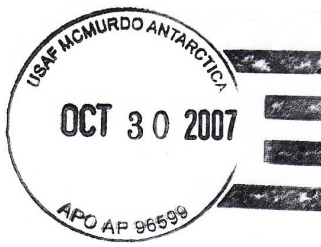
MCM hc 15
MCMURDO STATION, ANTARCTICA APO AP 96599
diameter 34mm; no words in 4 killer bars
month/date/year in one line
usage: 15 Oct 1999 - 13 Dec 2001



MCM hc 16
USAF MCMURDO ANTARCTICA APO AP 96599
diameter 33mm; no words in 4 killer bars
month/date/year in one line
usage: 01 Jan 2004 - 12 Oct 2005



MCM hc 17
USAF MCMURDO ANTARCTICA (in two lines)
diameter 33mm; no words in 4 killer bars
APO AP 96599
month/date/year in one line
usage: 16 Nov 2006 - 16 Jan 2007



MCM hc 18
USAF MCMURDO ANTARCTICA APO AP 96599
diameter 33mm; no words in 4 killer bars
month/date/year in one line
usage: 30 Oct 2007 - 11 Feb 2008



MCM hc 19
MCMURDO STATION ANTARCTICA APO AP 96599
diameter 33mm
month/date/year in one line
usage: 26 Feb 2003-

Part III. MCM Parcel Cancel



MCM pc 01
double ring; mute cancel
usage: 14 Feb 1963

Part IV. MCM Registered Cancels



MCM rc 01
NEW YORK, N.Y. 17038 BR.
double ring; diameter 28mm
month/date/year
usage: 12 Dec 1962 - 21 Jun 1972



MCM rc 01 variant 1
date/month/year
usage: 12 Nov 1965



MCM rc 02
U.S. NAVY FPO 96692
double ring; diameter 28mm
month/date/year
usage: 06 Feb 1979 – 1 Feb 1983



MCM rc 03
US NAVY FPO AP 96599
double ring; diameter 28mm
month/date/year
usage: 29 Dec 1995 – 20 Jan 1996



MCM rc 04
MCM ANTARCTICA FPO AP 96599 US NAVY
double ring; diameter 28mm
month/date/year
usage: 08 Jan 1998 –



MCM rc 04 variant 1
month/date/YEAR MISSING
usage: 30 Oct 1997



MCM rc 05
USAF ANTARCTICA APO AP 96599
double ring; diameter 30mm
month/date/year usage: 21 Oct 1998 –



MCM rc 06
USAF MCMURDO ANTARCTICA APO AP 96599
double ring; diameter 30mm
month/date/year
usage: 31 Oct 1998 – 16 Feb 1999



MCM rc 07
USAF MCMURDO ANTARCTICA APO AP 96599
double ring; diameter 30mm
month/date/year
usage: 16 Feb 1999 –



MCM rc 08
MCMURDO ANTARCTICA APO AP 96599
double ring; diameter 37mm
date/month/year in one line
usage: 16 Feb 1999 – 20 Oct 2003



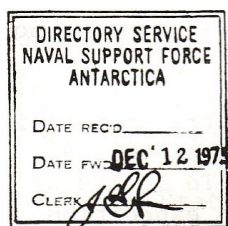
MCM rc 09
USAF MCMURDO ANTARCTICA APO AP 96599
double ring; diameter 43mm
month/date/year in one line
usage: 13 Oct 2005 – 18 Oct 2006

Part V. MCM Registry Section Cancels



MCM rs 01
 REGISTRY SECTION APO AP 96599
 double ring; diameter 34mm
 month/date/year in one line
 usage: 17 Oct 2000 – 11 Feb 2004

Part VI. MCM Directory Service Given Cancels



MCM ds 01
 DIRECTORY SERVICE NAVAL SUPPORT FORCE ANTARCTICA
 Box cachet
 month/date/year in one line
 usage: 12 Dec 1975



MCM ds 02
 DIRECTORY SERVICE GIVEN APO AP 96599
 double ring; diameter 38mm
 date/month/year in one line
 usage: 21 Feb 2000 –

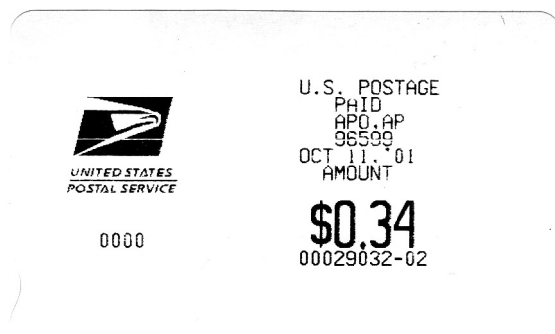


MCM ds 03
 DIRECTORY SERVICE GIVEN APO AP 96599
 double ring; diameter 34mm
 month/date/year in one line
 usage: 05 Jan 2001 –

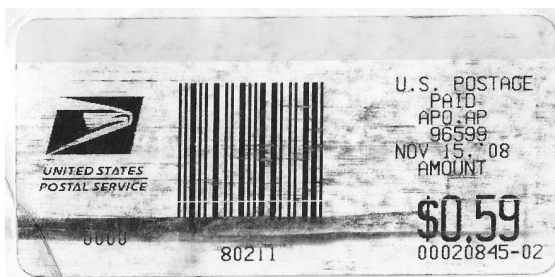
Part VII. MCM Pity Bowes Meter Franking Labels



MCM pb fc 01
 MCMURDO ANTARCTICA 96590
 usage: 24 Aug 1995 – 17 Oct 2000



MCM pb fc 02
 US POSTAGE PAID APO AP 96590
 usage: 11 Oct 2001 – 15 Feb 2007



MCM pb fc 03
 US POSTAGE PAID APO AP 96599
 usage: 05 Oct 2008 -

4. SOUTH POLE STATION

Part I. SPS Machine Cancels



SPS mc 01 Gap Between POLE and STATION

POLE STATION, ANTARCTICA U.S.N.

month-date/time/year

US NAVY OPERATION DEEP FREEZE, 5 killer bars

usage: 15 Dec 1956 – 29 Feb 1960



SPS mc 01 variant 5

time/date-month/year

usage: 07 Dec 1957



SPS mc 01 variant 1

time/month-date/year

usage: 10 Feb 1957 – 29 Feb 1960



SPS mc 02 No Gap Between POLE and STATION
INTERIM CANCEL, seven wavy killer bars, no words

POLE STATION, ANTARCTICA U.S.N.

month-date/time/year

usage: 25 Dec 1963



SPS mc 01 variant 1a

time/month-date/YEAR INVERTED

usage: 22 June 1958

This dial has no gap between Pole and Station so it was probably the new cancel used before they got the killer bars with the words U.S. Navy Operation Deep Freeze. Very limited use.



SPS mc 01 variant 2

month-date/time/year

usage: 13 Dec 1961



SPS mc 02 No Gap Between POLE and STATION

POLE STATION, ANTARCTICA U.S.N.

month-date/time/year

usage: 25 Apr 1964 – 16 Dec 1965



SPS mc 01 variant 3

time/month-date/year

usage: 08 Apr 1961 – 06 Jan 1963



SPS mc 02 variant 1

month-date/time/year

usage: 21 Jun 1965



SPS mc 01 variant 4

time/month-DATE MISSING/year

usage: 16 Jul 1959 – 29 Feb 1960



SPS mc 02 variant 2
time/month-date/year
usage: 31 Jan 1974



SPS mc 02 variant 3
month-date/TWO DIGIT YEAR
usage: 21 Jun 1972



SPS mc 02 variant 4
month-date/TIME MISSING/year
usage: 27 Nov 1964 - 31 Jan 1965

no scan available

SPS mc 03
SO.POLE BR. NEW YORK N.Y. 10090
month-date/time/year
seven wavy killer bars, no words
usage: 09 Nov 1976 - 03 Dec 1977



SPS mc 03 variant 1
month-date/TIME MISSING/year
usage: 03 Nov 1976 - 17 Dec 1978



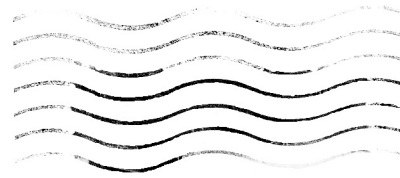
SPS mc 03 variant 1a
month-date/TIME MISSING/YEAR MISSING
usage: 1976 - 1977



SPS mc 03 variant 2
TIME PART MISSING/month-date/year
usage: 30 Oct 1975 - 02 Dec 1975



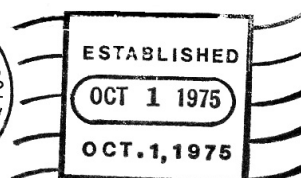
SPS mc 03 variant 3
TIME MISSING/month-date/YEAR MISSING
usage: (unknown)



SPS mc 03 variant 4
TIME PART MISSING/month-date/year
usage: 02 Nov 1975



SPS mc 03 variant 5
TIME MISSING/month-date/year
Usage: 01 Nov 1975 - 29 Nov 1979



SP mc 04 (reduced)
double ring, diameter 36mm
+ SOUTH POLE BR, 10090 + USPS N.Y.; N.Y. 10022
boxed ESTABLISHED OCT 1 1975, five wavy lines
usage: 01 Oct 1975 - 29 Oct 1975

Part II. SPS Hand Cancels



SPS hc 01
POLE STATION, ANTARCTICA, U.S.N.
single ring, diameter 33mm, U.S.N. 14 mm
month/date/year/TIME MISSING
U.S. NAVY OPERATION DEEP FREEZE, 4 killer bars
usage: 15 Dec 1956 - 23 Dec 1957

SPS hc 01a also occurs without killer bars



SPS hc 01 variant 1

Mute cancels (no inner content) occur on the front of a registered cover. Back of cover should have a registered cancel with date content.
usage: 03 Feb 1964 -



SPS hc 01 variant 5
month/date/TIME MISSING/year
usage: 14 Dec 1964



SPS hc 01 variant 2
TIME MISSING/month/date/year
usage: 20 Jan 1958

No image available

SPS hc 01 variant 6
month/date/time/year
usage: 20 Nov 1960



SPS hc 01 variant 3
time/month/date/year
usage: 20 Jan 1958 – 16 Nov 1958



SPS hc 01 variant 7
MONTH-DATE-TIME MISSING/ year
usage: 1957



SPS hc 01 variant 3a
TIME INVERTED/month/date/year
usage: 22 Jun 1958



SPS hc 02
POLE STATION, ANTARCTICA, U.S.N.
single ring, diameter 38mm, U.S.N. 16mm
month/date/time/year
usage: 01 Jan 1965 – 04 Feb 1966



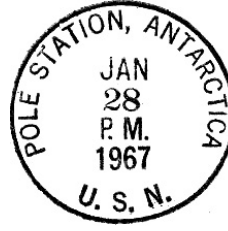
SPS hc 01 variant 4
time/month/DATE "18" INVERTED/year
usage: 18 Jan 1962



SPS hc 02 variant 1
date/month/time/year
usage: 21 Jun 1965 – 3 Dec 1965



SPS hc 02 variant 2
 month/date/TIME MISSING/year
 usage: 10 Jan 1965 –



SPS hc 04 variant 2
 month/date/time/year
 usage: 21 Oct 1966 – 28 Mar 1967



SPS hc 02 variant 3
 month/TIME MISSING/date/year
 usage: 29 Dec 1964



SPS hc 04 variant 3
 time/month/DATE INVERTED/year
 usage: 18 Jan 1972 – 07 Feb 1974



SPS hc 03
 POLE STATION, ANTARCTICA U.S.N.
 single ring, diameter 33mm, U.S.N. 11 mm
 month/date/year/time
 usage: 30 Oct 1965 - 30 Dec 1965



SPS hc 04 variant 4
 time/date/month/year
 usage: 10 Dec 1970



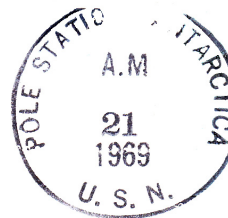
SPS hc 04
 POLE STATION, ANTARCTICA U.S.N.
 single ring, diameter 36 mm, U.S.N. 15 mm
 date/month/time/year
 usage: 23 Oct 1965 - 24 Jun 1974



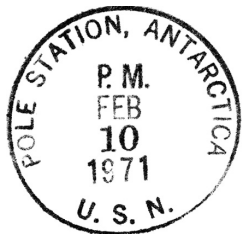
SPS hc 05
 single ring, diameter 37 mm, U.S.N. 15 mm
 usage: 25 Nov 1966 – 13 Nov 1968



SPS hc 04 variant 1
 time/month/date/year
 usage: 06 Jan 1972 – 17 Nov 1972
 “2” digit in year has different typeface



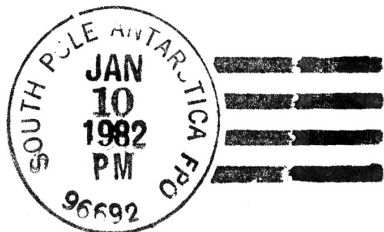
SPS hc 06
 single ring, diameter 36 mm, U.S.N. 14.5 mm
 usage: 21 Dec 1969 – 08 Apr 1970



SPS hc 07
single ring, diameter 35 mm, U.S.N. 15 mm
usage: 15 Feb 1971 – 15 Jan 1974



SPS hc 08 variant 4
month/date/year/TIME MISSING
usage: 25 Dec 1980 – 06 Oct 1989



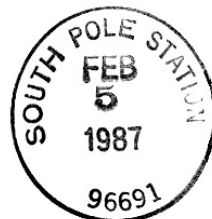
SPS hc 08
SOUTH POLE ANTARCTICA FPO 96692
single ring, diameter 32mm; 4 killer bars
month/date/year/time
usage: 01 Dec 1980 - 29 Jan 1991



SPS hc 08 variant 5
year/month/date/TIME MISSING
usage: 1 Nov 1985



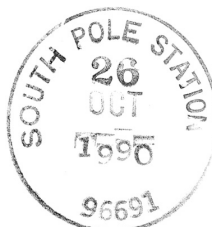
SPS hc 08 variant 1
TIME MISSING/month/date/year
Usage: 18 Jan 1983 – 01 Nov 1985



SPS hc 09
SOUTH POLE STATION 96691
single ring, diameter 32mm; 4 killer bars
month/date/year
usage: 25 Nov 1985 – 25 Dec 1998



SPS hc 08 variant 2
TIME MISSING/month/year/date
Usage: 17-19 Jan 1991



SPS hc 09 variant 1
date/month/year
usage: 27 Nov 1989 – 07 Nov 1996



SPS hc 08 variant 3
date/month/year/TIME MISSING
usage: 20 Dec 1990 - 25 Dec 1990



SPS hc 10
U.S.NAVY FPO 96598
double ring, diameter 35mm; 4 killer bars
month/date/year
usage: 08 Nov 1991 – 10 Dec 1991

This was the first time US Navy FPO used a double ring

cancel for regular mail. Cancel type was also used at Christchurch, McMurdo and South Pole. Its use was limited to part of one season.



SPS hc 11
SOUTH POLE ANTARCTICA FPO AP 96598
single ring, diameter 32mm; 4 killer bars
date/month/year
usage: 05 Nov 1992 - 10 Feb 1996



SPS hc 11 variant 1
month/date/year
usage: 10 Nov 1995 – 10 Feb 1998



SPS hc 11 variant 2
year/date/month
usage: 17 Jun 1995



SPS hc 12
U.S. NAVY NSFA FPO AP 96598
single ring, diameter 28mm; 4 killer bars
month/date/year
usage: 27 Aug 1997 -



SPS hc 13
SOUTH POLE ANTARCTICA APO AP 96598
single ring diameter 28mm, 4 killer bars
month/date/year

usage: 09 Feb 1999 – 02 Nov 2003

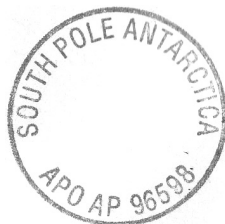


SPS hc 13 variant 1
month/date/year
usage: 29 Nov 1999 – 04 Dec 2000

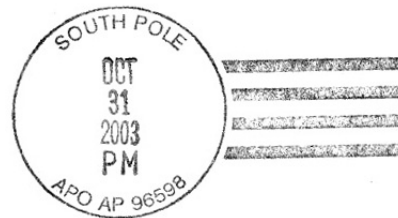


SPS hc 13 variant 2
date/month/year INVERTED
usage: 31 Dec 2001

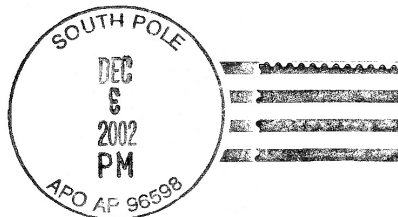
The above cancel was made when the postal clerk was asked to double cancel a cover 31 Dec 2001 and 1 Jan 2002; he forgot to change the day/month and accidentally inverted the year slug. The 2001 cancel from the same cover is shown.



SPS hc 13 variant 3
mute cancel
usage: 14 Nov 2004-31 Dec 2005

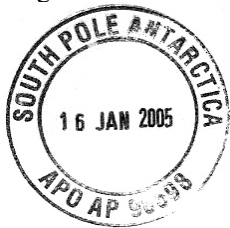


SPS hc 14
SOUTH POLE APO AP 96598
single ring, diameter 34mm; 4 killer bars
month/date/year/time
usage: 04 Nov 2001 - 09 Feb 2003



SPS hc 14 variant 1

month/DATE INVERTED/year/time
usage: 03 Dec 2002

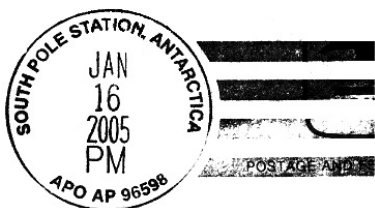


SPS hc 15
SOUTH POLE ANTARCTICA APO AP 96598
double ring, diameter 37mm; no killer bars
date-month-year in one line
usage: 01 Dec 2001 – 16 Jan 2005

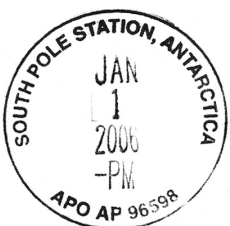
This double ring cancel was mainly used for receipts, customs & insurance forms and official documentation; sometimes also for cancelling regular mail. A similar canceller was used as a registered canceller at McMurdo and Christchurch.



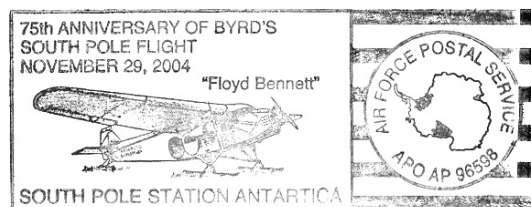
SPS hc 16
USAF SOUTH POLE STATION ANTARCTICA
APO AP 96598
single ring, diameter 34mm; 4 killer bars
month-date-year in one line
usage: 20 Nov 2003 – 11 Nov 2004



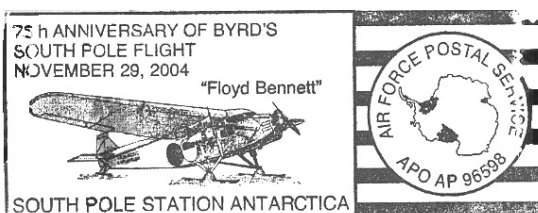
SPS hc 17
SOUTH POLE STATION, ANTARCTICA
single ring, diameter 33mm; 4 killer bars
APO AP 96598
month/date/year/time LARGE LETTERS
usage: 14 Nov 2004 – 29 Jan 2006



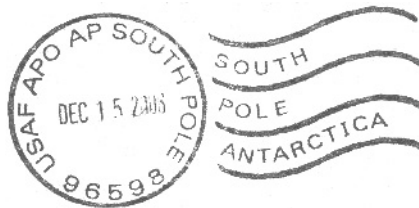
SPS hc 17 variant 1
month/date/year/time SMALL LETTERS
usage: 1 Jan 2006 -



SPS hc 18 ERROR CANCEL
75th ANNIVERSARY OF BYRD'S SOUTH POLE FLIGHT NOVEMBER 29, 2004 "FLOYD BENNETT"
SOUTH POLE STATION ANTARCTICA
Air Force Postal Service APO AP 96598
usage: 29 Nov 2004 – 20 Dec 2004



SPS hc 19 CORRECTED CANCEL
75th ANNIVERSARY OF BYRD'S SOUTH POLE FLIGHT NOVEMBER 29, 2004 "FLOYD BENNETT"
SOUTH POLE STATION ANTARCTICA
Air Force Postal Service APO AP 96598
usage: 29 Nov 2004 – 20 Dec 2004



SPS hc 20
USAF APO AP SOUTH POLE 96598
month-date-year in single line
SOUTH POLE ANTARCTICA, 4wavy killer bars
usage: 15 Dec 2005 – 16 Nov 2008



SPS hc 21
SOUTH POLE ANTARCTICA USAF APO AP 96598
SOUTH POLE STATION INTERNATIONAL POLAR YEAR 01 JANUARY 2007 50 YEARS OF SCIENCE
3 killer bars
usage: 01 Jan 2007 – 01 May 2007



SOUTH POLE STATION
INTERNATIONAL POLAR YEAR

02 MAY 2007

50 YEARS OF SCIENCE

SPS hc 22
02 MAY 2007
usage: 02 May 2007 – 02 Sep 2007



SOUTH POLE STATION
INTERNATIONAL POLAR YEAR

03 SEPTEMBER 2007

50 YEARS OF SCIENCE

SPS hc 23
03 SEPTEMBER 2007
usage: 02 May 2007 – 02 Sep 2007



SOUTH POLE STATION
INTERNATIONAL POLAR YEAR

04 DECEMBER 2008

50 YEARS OF SCIENCE

SPS hc 24 ERROR (2008 should be 2007)
04 DECEMBER 2008
usage: 04 Dec 2007 – 05 Dec 2007



SOUTH POLE STATION
INTERNATIONAL POLAR YEAR

04 DECEMBER 2007

50 YEARS OF SCIENCE

SPS hc 25 CORRECTED
04 DECEMBER 2007
usage: 04 Dec 2007 – 09 Jan 2008



SPS hc 26 ?

Part III. SPS REGISTRATION CANCELS



SPS rc 01
double ring, diameter 30mm
POLE STATION, ANTARCTICA
NEW YORK, N.Y. 17040 BR.
month/date/year
Usage: 06 Jan 57 – 07 Feb 1972



SPS rc 01 variant 1
month/date/year in manuscript
usage: 02 Feb 1964



SPS rc 01 variant 2
date/month/year
usage: 30 Dec 1961



SPS rc 01 variant 3
date/month/year INVERTED
usage: 13 Dec 1963



SPS rc 02
US NAVY FPO 96692
usage: 06 Feb 1979 – 22 Dec 1979

Part IV. SPS DIRECTORY SERVICE GIVEN CANCELS



SPS ds 01

double ring, diameter 30mm, no killer bars
 DIRECTORY SERVICE GIVEN APO AP 96598
 year/month/date
 usage: 4 Nov 2001 – 1 Jan 2003



SPS ds 01 variant 1

ALL SLUGS INVERTED
 usage: 12 Feb 2004



SPS ds 01 variant 2

ALL SLUGS MISSING
 usage: 09 Jan 2008



SPS ds 02

double ring, diameter 44mm, no killer bars
 DIRECTORY SERVICE GIVEN APO AP 96598
 month-date-year in one line
 usage: 06 Dec 2006 – 09 Jan 2008



SPS ds 02 variant 1

month-DATE MISSING-year in one line
 usage: Feb 2009

Part V. SPS OFFICIAL USE CANCELS



SPS oc 01

double ring, diameter 44mm, no killer bars
 AIR FORCE POSTAL SERVICE APO AP 96598
 month-date-year in one line
 Usage: 06 Dec 2006 – 09 Jan 2008

Part VI. SPS FRANKED (METER) CANCELS

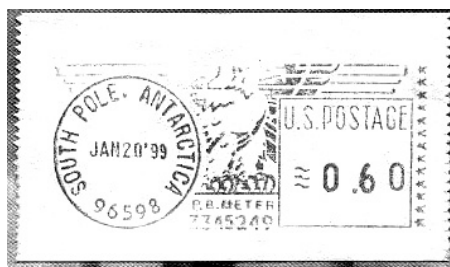
These were directly imprinted on covers or imprinted on label then attached to parcels or large covers.

Pitney Bowes Franking Machine markings



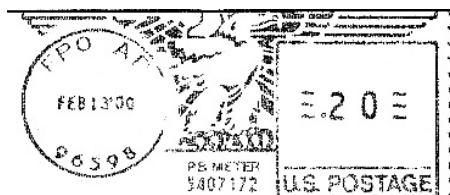
SPS pb fc 01

SOUTH POLE, ANTARCTICA 96692
 month-date-year (two digit) in one line
 usage: 3 Dec 1988 – 04 Feb 1991

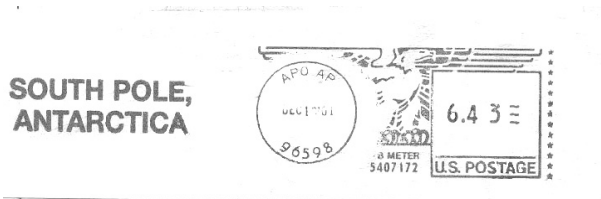


SPS pb fc 02

SOUTH POLE, ANTARCTICA 96598
 month-date-year (two digit) in one line
 usage: 21 Oct 1994 – 20 Jan 1999



SPS pb fc 03
FPO AP 96598
month-date-year (two digit) in one line
usage: 21 Jan 2000 – 13 Feb 2000

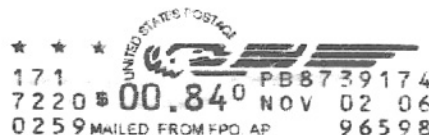
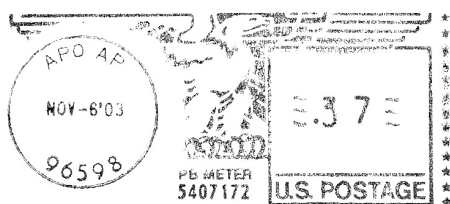


usage: 09 Feb 2003



SPS pb fc 05
MAILED FROM ZIP CODE 96598
usage: 27 Oct 2005 – Feb 2006

SPS pb fc 04
APO AP 96598
SOUTH POLE, ANTARCTICA on left
month-date-year in one line
usage: 01 Dec 2000 – 5 Dec 2004



SPS pb fc 06
MAILED FROM FPO AP 96598
usage: Oct - Dec 2006

SPS pb fc 06 was an ERROR cancel. Pitney Bowes got the designator wrong, the cancel read "Mailed from FPO AP"; FPO was the Fleet Post Office.

SPS pb fc 04 variant 1
Missing SOUTH POLE ANTARCTICA designator
usage: 06 Nov 2003



SPS pb fc 07
MAILED FROM APO AP 96598
Usage: Dec 2006 – Feb 2009

This cancel is almost identical to SPS pb fc 06 other than the designator has been corrected to read "Mailed from APO AP" (Air Post Office).

SPS pb fc 04 variant 2
DATE SLUG MISSING
usage: 24 Nov 2003



SPS pb fc 04 variant 3
date and year by rubber stamp
usage: 05 Dec 2004



SPS pb fc 04 variant 4
date and year in manuscript

usage: 03 Oct 1967 -



CHC mc 01 variant 4

time NUMERAL MISSING – AM /month-date/year
usage: 12 Dec 1966 -

5. CHRISTCHURCH STATION

Part I. CHC Machine Cancels



CHC mc 01

U.S. NAVY 17046 BR.
month-date/time with minutes/year
seven wavy killer bars, no words
usage: 13 Nov 1962 – 03 Mar 1964



CHC mc 02

U.S. NAVY, FPO 96690
month-date/time/year
seven wavy killer bars, no words
usage: 15 Dec 1976 – 04 Sep 1977



CHC mc 01 variant 1

month-date/time no minutes/year
usage: 15 Feb 1972 – 05 Jan 1976



CHC mc 02 variant 1

SPACE/month-date/year
usage: 01 Sep 1978 -



CHC mc 01 variant 2

month-date/time NUMERAL MISSING /year
usage: 18 Nov 1964 – 02 Jan 1965



CHC mc 02 variant 2

month-date/SPACE/year
usage: 29 Aug 1979 – 27 Aug 1981



CHC mc 01 variant 3

time NUMERAL MISSING –M /month-date/year



CHC mc 02 variant 3
month-date/NUMERAL MISSING/year
usage: 07 Oct 1982 -

usage: 06 Nov 1956 – 22 Mar 1960



CHC hc 01 variant 1
month/date/year/time
usage: 22 Oct 1956 – 07 Sep 1968



CHC mc 02 variant 4
time/month-date/year
usage: 17 Feb 1978 -



CHC hc 01 variant 2
month/date/year/TIME MISSING
usage: 30 Sep 1957 – 22 Mar 60



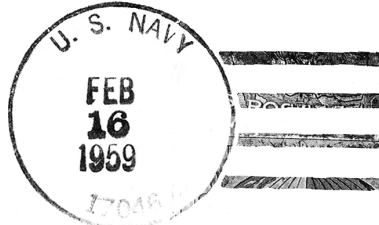
CHC mc 03
U.S. NAVY FPO 96690
month-date/time/year
boxed U.S.NAVY OPERATION DEEP FREEZE
seven short killer bars
usage: 13 Nov 1985 –



CHC hc 01 variant 3
month/date/time/year
usage: 27 Oct 1969 –



CHC mc 04
U.S. NAVY FPO 96690
4 wavy killer bars
usage: 27 Feb 1988 -
This canceller was mainly used for parcels



CHC hc 01 variant 4
TIME MISSING/month/date/year
usage: 16 Feb 1959 –

Part II. CHC Hand Cancels



CHC hc 01
U.S. NAVY 17046
single ring, diameter 33mm, 4 killer bars
date/month/year/time



CHC hc 02
U.S. NAVY BR. 17046
single ring, diameter 30-32mm, 4 killer bars
month/date/time/year
usage: 10 Feb 1973 – 01 Jun 1977



CHC hc 03

U.S. NAVY 17046 BR.

single ring, diameter 31-34mm, 4 killer bars

month/date/year/time

usage: 25 Apr 1978 -



CHC hc 06

US NAVY FPO 96690 2900

single ring, diameter 33mm, 4 killer bars

month/date/year

usage: 22 Feb 1986 – 20 Oct 1986

CHC hc 06 cancel is similar to CHC hc 07 but the letters are bigger and US NAVY is shifted to the left.



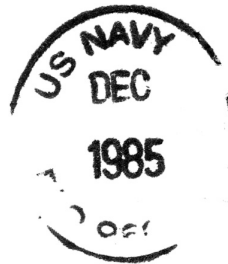
CHC hc 04

U.S. NAVY FPO 96690

single ring, diameter 33mm, 4 killer bars

month/date/year/time

usage: 04 Sep 1978 – 12 Jan 1981



CHC hc 06 var 1

US NAVY FPO 96690 2900

month/DATE MISSING/year

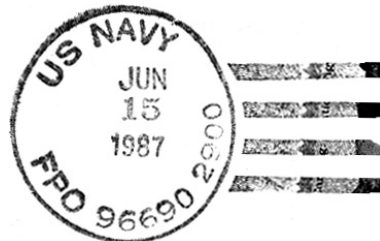
usage: Dec 1985



CHC hc 04 variant 1

date/month/year/time

usage: 03 Sep 1979 - 09 Oct 1979



CHC hc 06a

US NAVY FPO 96690 2900

single ring, diameter 36mm, 4 killer bars

month/date/year

usage: 20 Feb – 15 June 1987



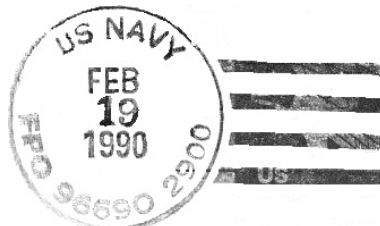
CHC hc 05

U.S. NAVY FPO 96690

single ring, diameter 33mm, 4 killer bars

month/date/year/time

usage: 26 Aug 1982 – 27 Aug 1984



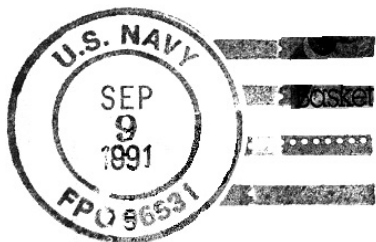
CHC hc 07

US NAVY FPO 96690 2900

single ring, diameter 33mm, 4 killer bars

month/date/year

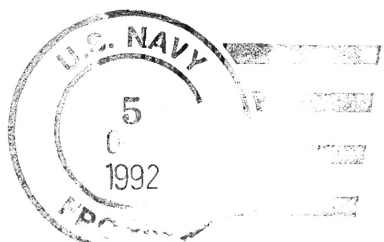
usage: 19 Dec 1987 – 25 Feb 1991



CHC hc 08
U.S. NAVY FPO 96531
double ring, diameter 35mm, 4 killer bars
month/date/year
usage: 09 Sep 1991 – 25 Nov 1993



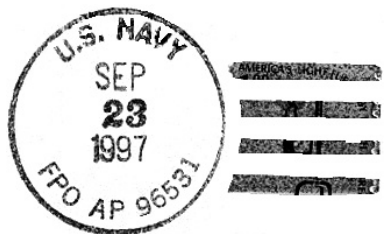
CHC hc 11
AIR FORCE POSTAL SERVICE APO AP 96531
single ring, diameter 29mm, 4 killer bars
date/month/year
usage: 12 Feb 1999 – 18 Jan 2005



CHC hc 08 variant 1
month/date/year
usage: 05 Oct 1992 –



CHC hc 11 variant 1
AIR FORCE POSTAL SERVICE APO AP 96531
single ring, diameter 29mm, 4 killer bars
date/month/YEAR IN MANUSCRIPT
usage: 12 Feb 1999 – 18 Jan 2005



CHC hc 09
U.S. NAVY FPO AP 96531
single ring, diameter 31mm, 4 killer bars
month/date/year
usage: 10 Dec 1996 - 23 Sep 1997



CHC hc 12
U.S. AIR FORCE POSTAL SERVICE APO AP 96531
single ring, diameter 34mm, 4 short killer bars
month/date/year
usage: 21 Jun 1999 – 15 Oct 2002



CHC hc 10
USAF CHRISTCHURCH APO AP 96531
single ring, diameter 28mm, 4 killer bars
date/month/year
usage: 10 Aug 1998 – 19 Aug 1998



CHC hc 13
CHC APO-AP 96531
single ring, diameter 30mm, 4 attached killer bars
month/date/year
usage: 05 Oct 2005 – 26 Oct 2007



CHC hc 13 variant 1
 CHC APO-AP 96531
 month/date/SPACE/year
 usage: 04 Sep 2008



CHC rc 01
 NEW YORK, N.Y. 17046 BR.
 double ring, diameter 29mm
 month/date/year
 usage: 16 Mar 1961 – 18 Mar 1974



**60th ANNIVERSARY OF
 THE U.S. AIR FORCE**

CHC hc 14
 CHRISTCHURCH AIR STATION APO AP 96599
 single ring, diameter 23mm
 60th ANNIVERSARY OF THE U.S. AIR FORCE
 month/date/year
 usage: 18 Sep 2007 -

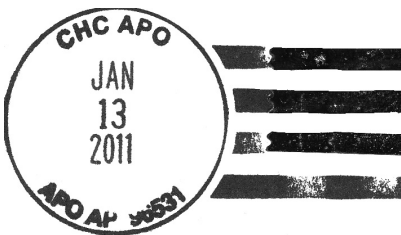
Error in Christchurch's APO AP number; correct AP number is 96531 NOT 96599.



CHC rc 02
 US NAVY FPO 96690 2900
 double ring, diameter 28mm
 month/date/year
 usage: 07 Sep 1985 – 27 Feb 1988



CHC rc 03
 REGISTRY SECTION APO AP 96531
 double ring, diameter 34mm
 month-date-year in one line
 usage: 26 Jan 2001 – 05 Nov 2004



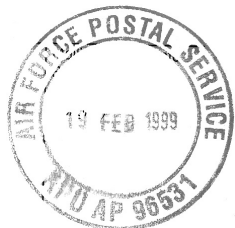
CHC hc 15
 CHC APO-AP 96531
 single ring, diameter 34mm, 4 killer bars
 month/date/year
 usage: 6 Dec 2010-7 Feb 2014



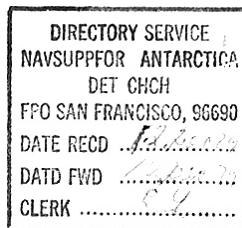
CHC rc 04
 U.S. AIR FORCE POSTAL SERVICE APO AP 96531
 double ring, diameter 34mm
 month-date-year in one line
 usage: 11 Oct 1999 – 02 Feb 2005

Part III. CHC Registration Cancels

usage: Feb 1977 – Jan 1979



CHC rc 05
AIR FORCE POSTAL SERVICE APO AP 96531
double ring, diameter 38mm
date-month-year in one line
usage: 18 Feb 1999 - 26 Oct 2007



CHC ds 02 INTERIM
DIRECTORY SERVICE NAVSUPFOR ANTARCTICA
DET CHCH FPO SAN FRANCISCO, 96990
Box cachet
usage: Dec 1979 -



CHC rc 06
U.S. NAVY FPO 96531
double ring, diameter 32mm
month/date/year
usage: 25 Jan 1996 -



CHC ds 03
DIRECTORY SERVICE GIVEN APO AP 96531
double ring, diameter 38mm
date-month-year in one line
usage: 07 Apr 1999 -

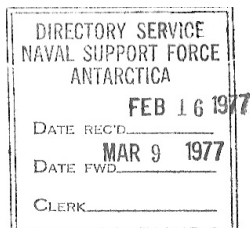


CHC rc 07
USAF CHRISTCHURCH APO AP 96531
double ring, diameter 30mm
date/month/year
usage: 27 Jan 1999 –



CHC ds 04
DIRECTORY SERVICE GIVEN APO AP 96531
double ring, diameter 34mm
month-date-year in one line
usage: 26 Feb 2001 – 23 May 2007

Part IV. CHC Directory Service Cancels



CHC ds 01 INTERIM
DIRECTORY SERVICE NAVAL SUPPORT FORCE
ANTARCTICA
Box cachet

Part V. CHC FRANKED (METER) CANCELS Pitney Bowes Franked Cancels

No scan available

CHC pb fc 01
US Navy period of occupation; Zip Code 96690

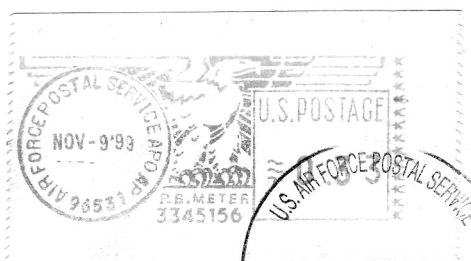
CHC pb fc 01 should exist as both McMurdo and South Pole had PB machines that produced labels with zip code 96692 and it is therefore likely that Christchurch Post Office should have had one with zip code 96690. However it has not yet been found.



CHC pb fc 02
CHRISTCHURCH NEW ZEALAND FPO AP 96531
33mmx67mm
PB METER serial number 3345156
usage: 18 Feb 1999



CHC pb fc 05
U.S. POSTAGE PAID APO, AP 96531
35mmx72mm; ZIP bar code on label
PB METER serial numbers
00028226-01
00028226-02
00043652-01
00043652-03
usage: 7 Feb 2008



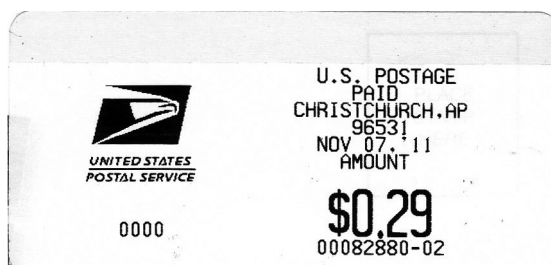
CHC pb fc 03
AIR FORCE POSTAL SERVICE APO AP 96531
33mmx67mm
PB METER serial numbers 3345156 and 954319
usage: 09 Nov 1999



CHC pb fc 06
U.S. POSTAGE PAID CHRISTCHURCH, AP 96531
35mmx72mm; ZIP bar code on label
PB METER serial number 00082880-02
usage: 6 Dec 2010



CHC pb fc 04
U.S. POSTAGE PAID APO, AP 96531
35mmx72mm; without ZIP code on label
PB METER serial numbers
00028226-02
00043652-01
00043652-02
00029032-02
usage: 04 Oct 2001



CHC pb fc 07
U.S. POSTAGE PAID CHRISTCHURCH, AP 96531
35mmx72mm; without ZIP code on label
PB METER serial number 00082880-02
usage: 7 Nov 2011

single ring, diameter 31-32mm; U.S.N. width 11mm
 SPACE/month/date/year
 U.S. NAVY OPERATION DEEP FREEZE, four killer bars
 usage: 04 Mar 1961



ASC hc 02 variant 1
 SPACE/month/date/year
 Date slugs positioned to the right

It is possible that a fresh set of slugs were inserted into the canceller, and repositioned to the right at that time.

6. EXPEDITION STATIONS

Part I. Eights Coast Antarctica, 1960

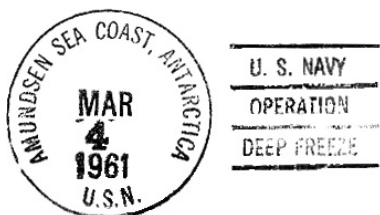
USS *Burton Island* and USS *Glacier* explored the Bellingshausen Sea coastline during February 1960. There was only one expedition canceller, of rectangular rubber hand cancel design, aboard USS *Glacier*. Some covers were flown by helicopter and cancelled ashore. Most were cancelled on board both ships during the period 17-25 February 1960, but only one date, 17 Feb 1960, occurs on all recorded covers so it appears to have been a fixed date.



EC hc 01
 EIGHTS COAST, ANTARCTICA U.S.N.
 single ring, diameter 32mm; U.S.N. width 11mm
 date/month/year/SPACE
 BELLINGSHAUSEN SEA EXPEDITION U.S. NAVY
 four killer bars
 usage: 17 Feb 1960

Part II. Amundsen Sea Coast, 1961

USS *Glacier* and USS *Staten Island* explored the coastline of the Amundsen Sea area during February 1961. There was only one expedition canceller, of rectangular rubber hand cancel design, aboard USS *Glacier*.



ASC hc 01
 AMUNDSEN SEA COAST, ANTARCTICA U.S.N.

Part III. Marie Byrd Land Coast, 1962

USS *Glacier* explored the Hobbs Coast of Marie Byrd Land during February 1962. Amory Waite, U.S. Army SCART, Deep Freeze IV, had a rectangular rubber date-stamped cachet with fixed date 14 FEB: 1962 (his birthday) made in New Zealand prior to the trip south.

However, the USS *Glacier* arrived at 74°21' South, 132°07' West, off Shepard Island on the Hobbs Coast of Marie Byrd Land, on 4 Feb 1962.

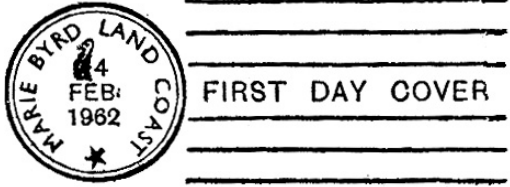
Waite eliminated the "1" of "14", initially by obliterating impressions in manuscript, then by obliterating impressions with his "signature" drawing of a penguin, then finally by cutting the "1" out of the cachet.



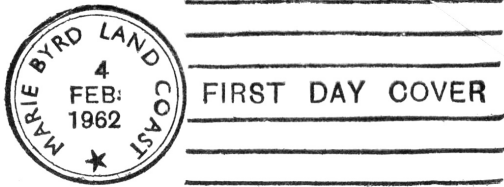
MBL 01
 MARIE BYRD LAND COAST
 double ring, diameter 28mm
 date/month/year
 FIRST DAY COVER, six straight killer bars



MBL 01 variant 1
 "1" in "14" obliterated in manuscript



MBL 01 **variant 2**
"1" in "14" obliterated by hand-drawn penguin



MBL 01 **variant 3**
"1" in "14" cut out