

1975

SARGINSON, WES: NEWSCASTER

N 25, B-6-3

COMING TO CHANNEL 4 FROM WMAL-TV, WASHINGTON, D.C. - JUDGE

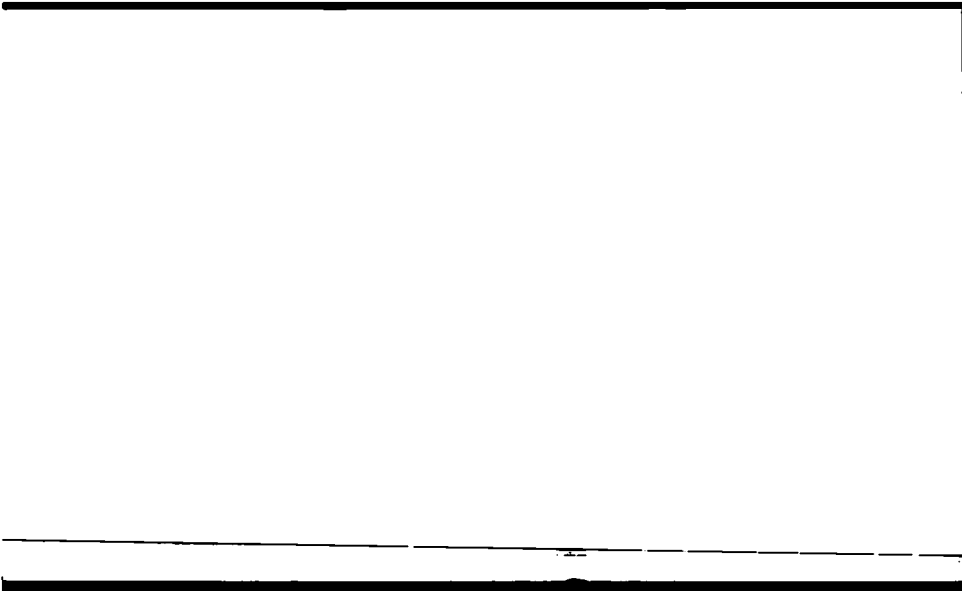
-1978-

MY 9, B-6-3

TO BECOME ANCHORMAN FOR ATLANTA'S WSB-TV AROUND THE BEGINNING OF JULY

JE 5, B-4-3

TO LEAVE JUNE 17



SARGINT, H.J.J. : NEWS WRITER

1928

Mr 25, 1-4-4 1#

London P.O. uses ^{automatic} trains to carry mail; other
devices

---1936---

D 11,1-2

1ST OF SERIES OF 6 ARTICLES ON LIVES OF KING GEORGE VI & QUEEN ELIZABETH

D 13,1-23-1

QUEEN ELIZABETH SAID "NO" TO 1ST MARRIAGE OFFER

---1937---

JE 6,1-11-1

THEORIES CONFLICT IN SINKING OF GEN. FRANCO'S BATTLESHIP ESPANA

---1938---

N 27,4-18-5

BRITAIN EMPHASIZES IMPORTANCE OF AIR RAID PROTECTION

---1939---

JE 4,1-13-1

JOS. KELLY'S REWARD FOR STEALING FACTORY PLAN FOR GERMANY

SARHAM, MOHANNED : TERRORIST

1986

My 22, A-4-2

DC-Lone terrorist survivor of Rome airport massacre was trained at camp in Bekaa Valley

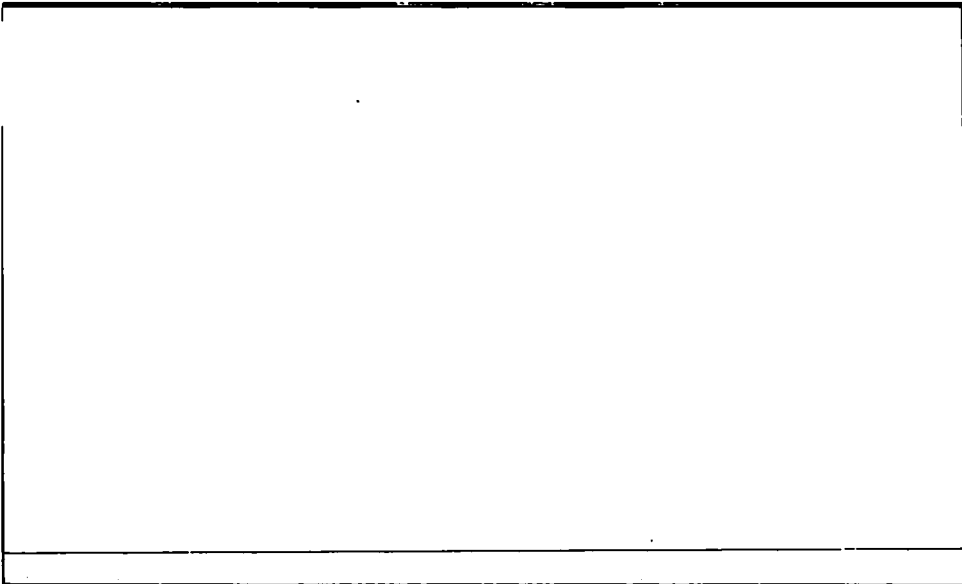


1974

SARIAN, ROBERT: RUG DEALER

0 6, G-2-1

63&EXPERT OF ORIENTAL RUGS, EXPLAINS REASONS FOR RISING PRICES
OF PERSIAN CARPETS-GAINOR



SARICH, RALPH: INVENTOR

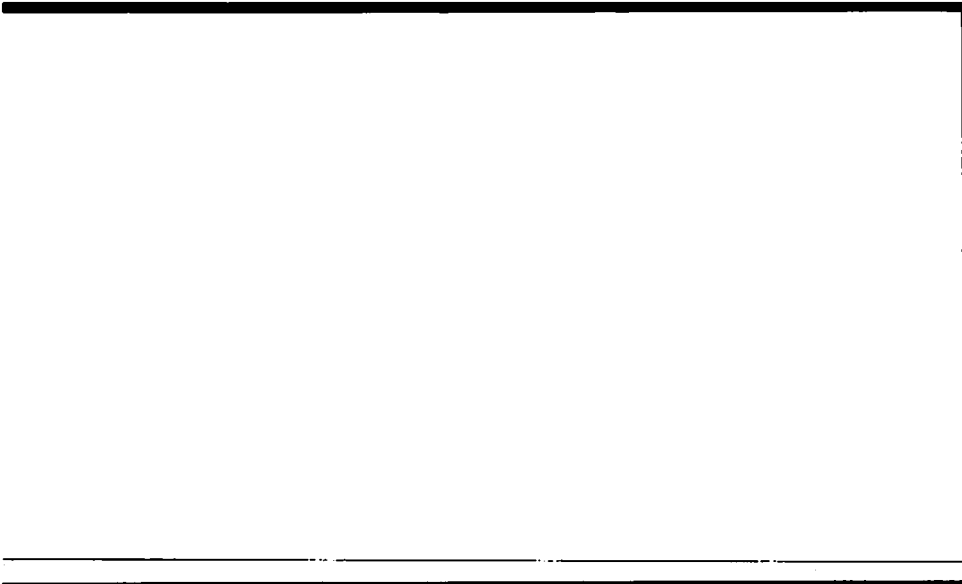
1988

Ja 27 F-1-4

Has developed a 2-stroke, 3-cylinder engine.--Wright

-1989- JI 29, D-1-2

His Orbital Engine firm to build \$250million plant in Mich-
Sedgwick



SARIDACKI, MICHAEL - DETROIT

1947

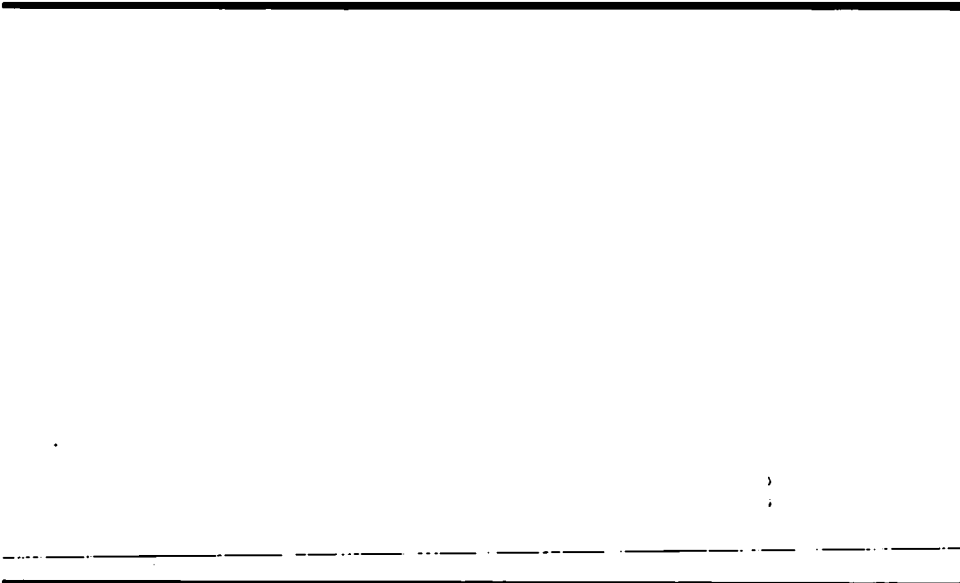
74 YRS OLD: SLAIN: STABBED 19 TIMES

ROBBED OF \$2,000

---1948---

MRS. JUANITA BOYD ADMITS MURDERING ABOVE IN 1947

S 16, 3-4
S 17, 23-6
JE 5, 2-7



SARIDIS, SAVERIO: SINGER

1962

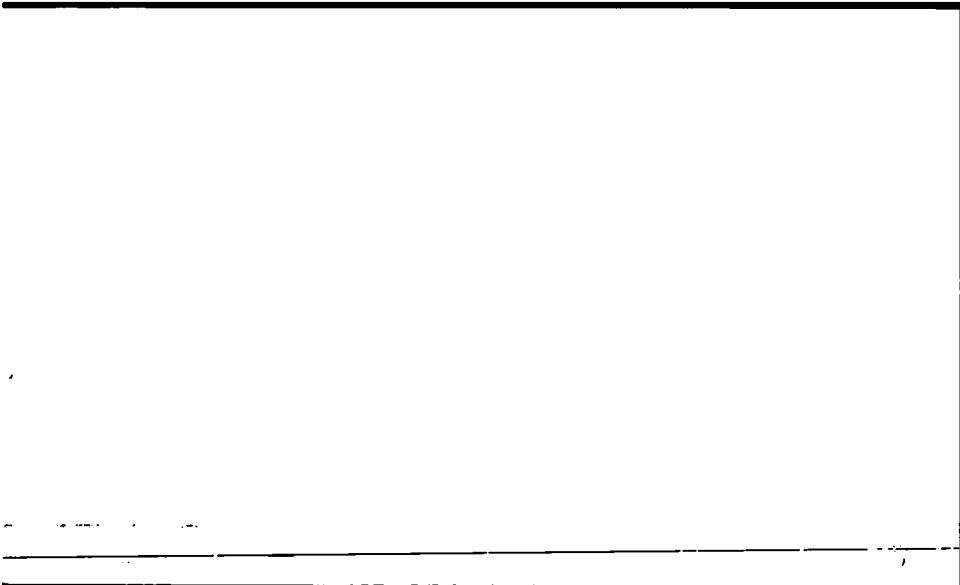
RISE TO SUCCESS FROM POLICE BEAT-McCLAIN

MY 17, C-22-6

-1973-

F 9, D-9-1

SAVERIO COPS A PLEA.McCLAIN

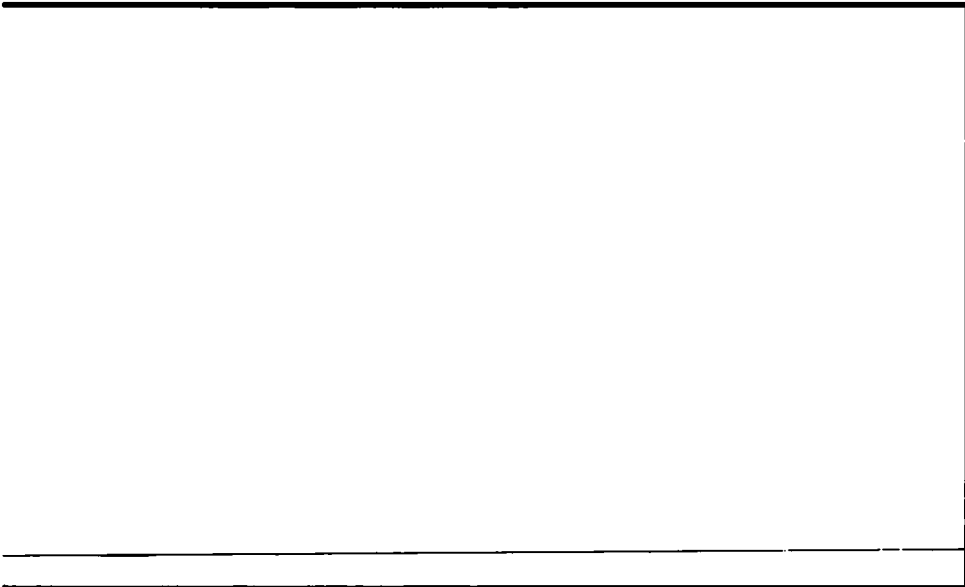


SARIN, IRVING : SYMPHONY CONDUCTOR

1980

S 24, B-6-3

**59, HOLDING AUDITIONS FOR HIS SARIN SYMPHONIC WIND ENSEMBLE
OF S'FIELD WHICH WILL CONSIST OF 45 YOUNG WIND & BRASS MUSI
CIANS-CARR**



1966

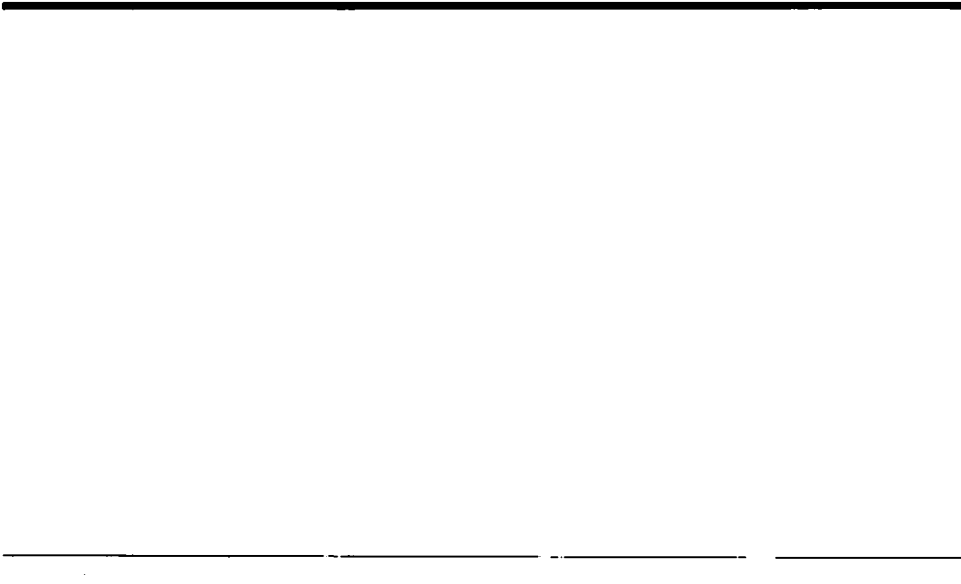
SARIN, VICTOR P - CITY OFFICIAL

JE 29, A-15-3

APPT BY MAYOR CAVANAGH TO CITY PLAN COMSN
-1990-

0 16 C 7-3

Died 0 12 at the age 82

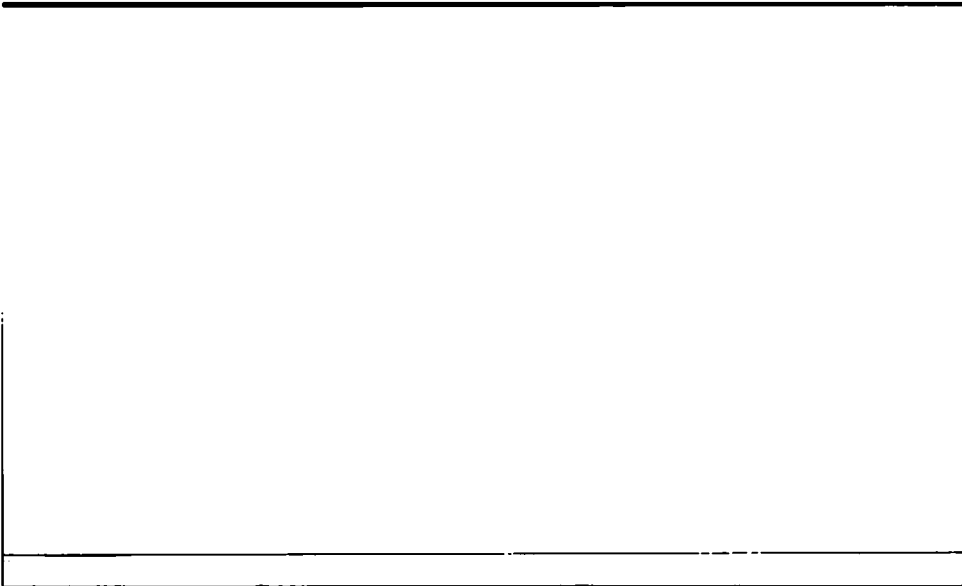


SARISOHN, FLOYD : NEW YORK JUDGE

1967

MR 22, C-13-6

NY-ABOVE SUFFOLK COUNTY JUDGE ON TRIAL FOR 9 MISCONDUCT
CHARGES-TAPE INTRO. OF ABOVE TELLING A PROSTITUTE HOW TO
AVOID ARREST DURING HER TRADE



SARIT, THANARAT : MARSHAL : THAILAND

RELIEVED FROM HIS POST AS MARSHAL

SEIZES RULE OF THAILAND IN COUPE

THAILAND TIES TO WEST CALLED SAFE DESPITE

BANGKOK, THAILAND-ABOVE HEADS RULING PART

BANGKOK, THAILAND-SUFFERS LVIER TROUBLE

SEIZES GOVT OF THAILAND

BANGKOK-IS FORMING NEW CABINET

APPT NEW 15-MAN CABINET

BANBKOK-REPORTED OK AFTER SURGERY

ELECTED PRIME MINISTER OF THAILAND

& L. NOON JOHNSON IN BANGKOK-DISCUSS RED THREAT

GEN. TAYLOR OBNFERS WITH ABOVE ON HOW TO STOP RED THRUST IN

TO SOUTHEAST ASIS

PART PLAYED IN TROUBLE IN LAOS

BANGKOK-DIED D 8 AT AGE OF 55-WAS STAUNCH FRIEND OF US-GEN

THANOM KITKACHORN NAMED TO SUCCEED HIM

MR. 13, 31-1957

S 17, 1-2

S 18, 60-3

COUP-BARNES

D 20, 15-8

JA 1, 14-7

O 20, 32-4 5*

O 23, 21-1 1H

F 11, 9-1

F 25, 2-1

F 9, 25-2

MY 17, C-8-7

026, 8-6-4

JE 24, B-8-1

D 9, A-18-5

---1963---

D 1, D-13-1

BANGKOK SUFFERING FROM DIZZINESS AND WEAKNESS-LT. GEN HEATON CALLED IN ON CONSULTATION

---1967---

MR 6, B-6-5

BANGKOK-MISSING BLUE DIAMOND WORTH \$1.5 MILLION WAS FOUND IN POSSESSION OF ABOVE WIDOW

SARJEANT, MARCUS SIMON : THREAT

1981

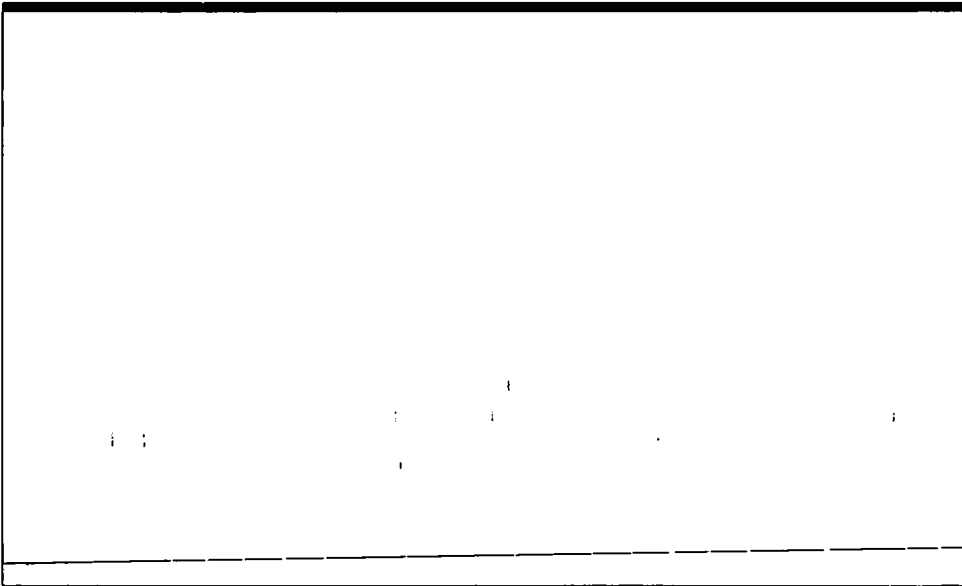
JE 14, A-2-1

LONDON-17-YEAR-OLD BRITISH YOUTH FIRED 6 SHOTS USING BLANK AMMUNITION AT QUEEN ELIZABETH YESTERDAY. JE 16, A-4-1

**ORDERED HELD WITHOUT BAIL UNTIL JE 24, ON CHARGES OF FIR-
ING 6 BLANK SHOTS AT QUEEN ELIZABETH 11 ON SATURDAY.**

S 15, A-6-1AM

LONDON-PLEADED GUILTY, SENTENCED TO 5 YRS.



SARJOLSKI, FRANK - DETROIT

1931

Form 1656

The Detroit News

Jl 21, 2-8

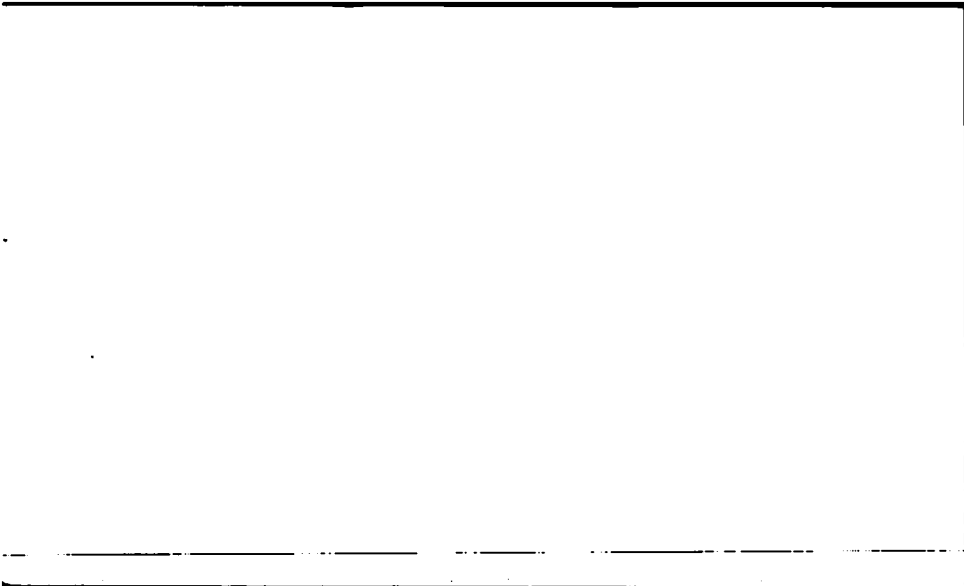
held by police on complaint of girl he offered ride and then
refused to let out of car; she jumped and was injured seriously

Jl 26, 1-1-2

Mary Mytkowski died of injuries in jump from above's car

Ag 7, 1-8

Coroner's jury finds him to blame for death.



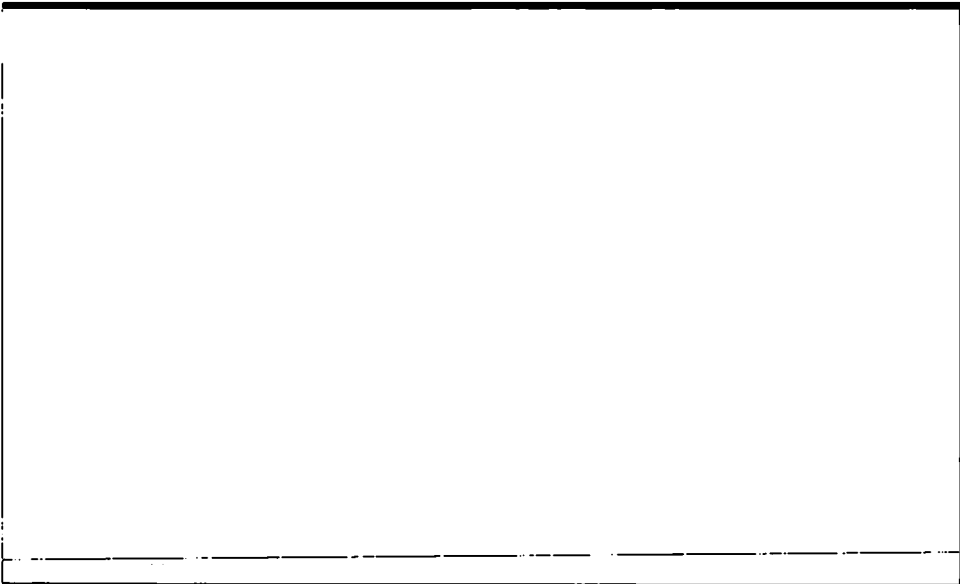
SARK, JAMES J.: POLICEMAN: DETROIT

1954

PROMOTED TO SGT.
DIED AP 15,48

---1965---

F 23, 8-1
AP 17, B-4-4

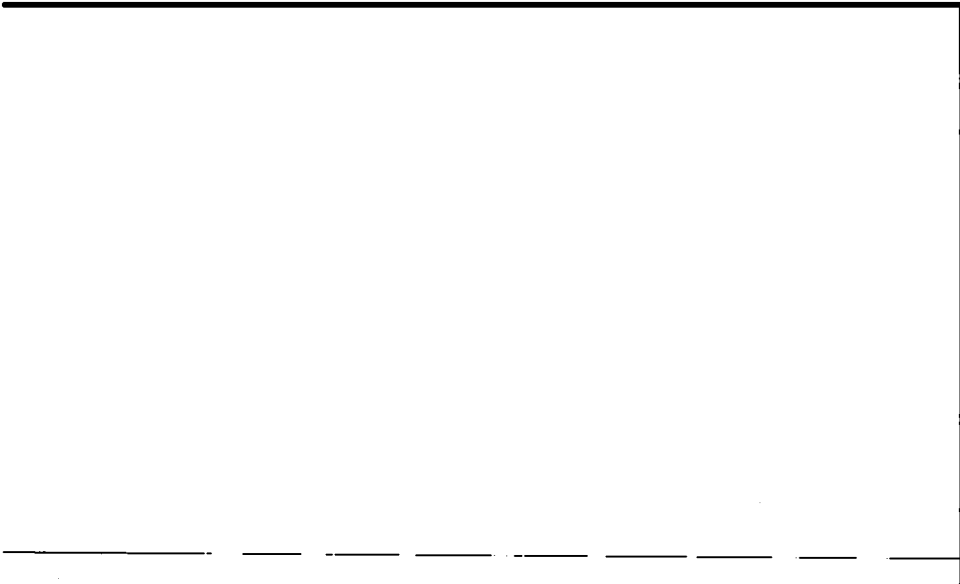


SARKAR, CHANDANA : HINDU

1987

D 25, B_4-4

Midland-Touched by Christmas spirit



SARKAR, DR FAZLULU : SCIENTIST

1994

My 26, A-1-2

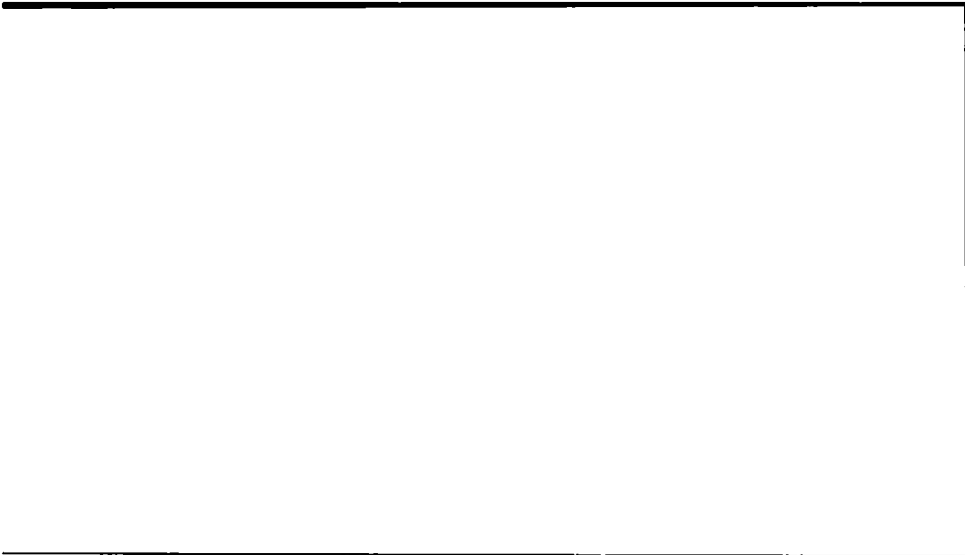
Harper Hosp sciens hopes to isolate an early detection
test for breast cancer-McCann

SARKESEAM, EDWARD : GAMBLING OPERATION

1980

S 5, B-2-1W

**GAMBLING HOUSE OPERATION RUN BY FRED SALEM & OTHERS RAIDED
IN APR. NO ONE CHGD. ATTYS SEEK TO RECOVER EVIDENCE-WALTER**



1933

SARKESIAN, EDMUND - DETROIT

Form 1656

The Detroit News

S 10, 1-2-7 3*

HELD FOR THEFT OF HAMS FROM KROGER GROCER & BAKING CO

---1934---

JE 23, 7-8

HELD IN HOLDUP OG SHOOTING OF JOS. RAFTER IN DEER GARDEN AT 3886 JEFF-
-ERSON AVE, E CORSE

---1944---

AG 17, 1-1

FOUND SHOT TO DEATH IN CAR; BOOKIES ROBERIES BLAMED.

AG 18, 1-1

MORRIS RAIDER & SAM FINAZZO HELD IN SLAYING

AG 18, 18-6

WAS STRICTLY A CONIC IN THE BOXING RING-GREENE

AG 19, 2-1

MIKE RUBINO, MORRIS RADER HELD FOR QUESTIONING

AG 20, 1-4-6

RUBINO'S NAME FOUND IN NOTEBOOK

AG 21, 4-1

HARRY FLEISHER SOUGHT FOR QUESTIONING

AG 21, 2-1 BSMO

HARRY FLEISHER RELEASED

AG 22, 4-1

MORRIS RAIDER, SAM ROSENFELD, NELLO MANTINO RELEASED ON \$10,000 BOND

AG 22, 4-3 NITE

ELMER MACKLIN QUIZZED

S 5, 10-8

RAIDER, MANTINI, ROSENFELD, RUBINO FREED

S 12, 8-5

WILLIAM BLEVINS HELD FOR QUESTIONING

---1945---

AG 12, 4-8-1

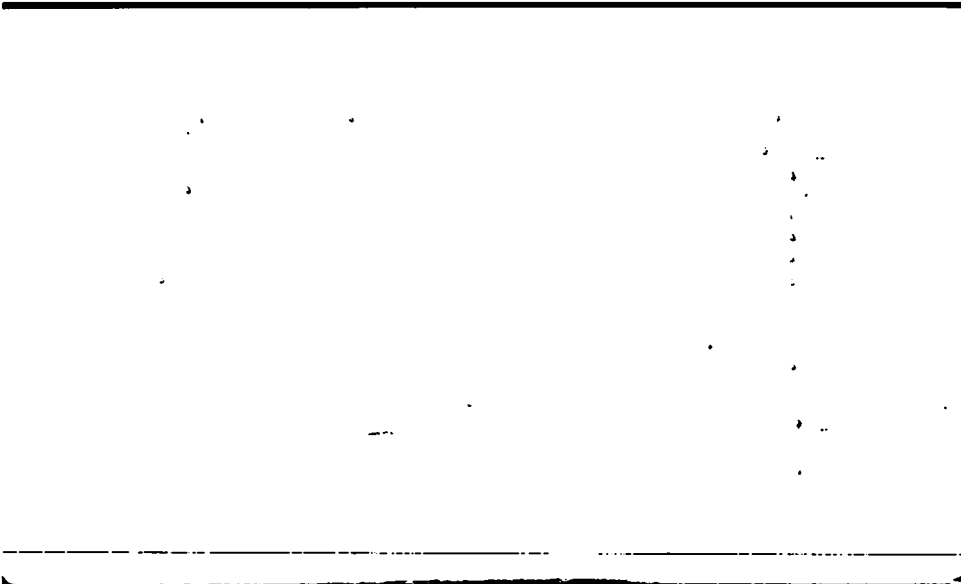
HEADS MYSTERY LIST OF DET'S 3 UNSOLVED SLAYINGS-MCMANIS

---1947---

F 26, 1-7 FINAL

MURDERER SUSPECT, MIKE RUBINO

HELD IN BLACK MARKET GAS

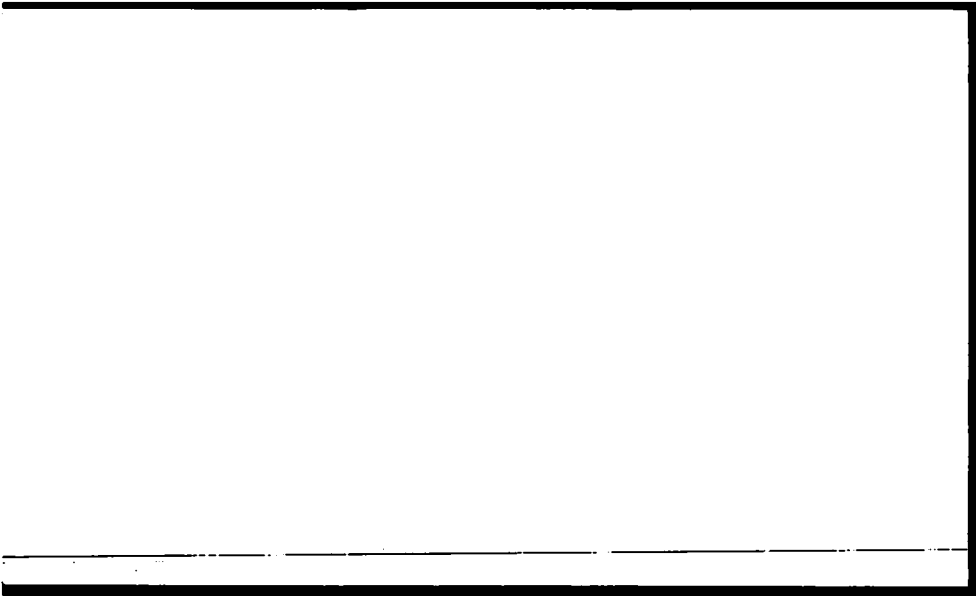


SARKESIAN, JOHN - DET SOLDIER

1945

WOUNDED, NR 3 IWO

MY 28, 15-5

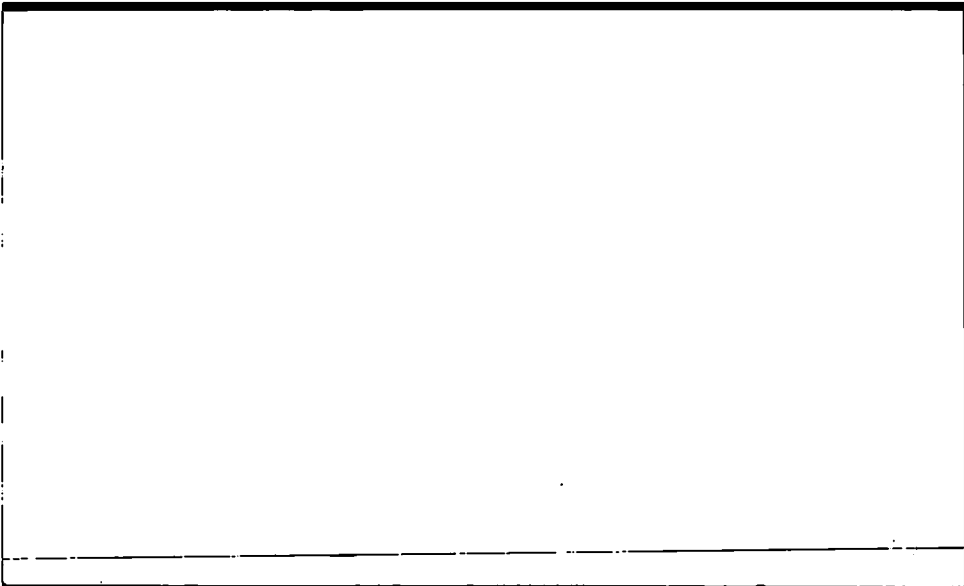


SARKESIAN, SAM : MERCHANT : DEARBORN TOWNSHIP

1961

S 10, B-10-3

STATE QUIZ ORDERED OVER DEARBORN TWP. MUN. JUDGE CAND., RICHARD DUNN'S
ATTEMPT TO GET LIQUOR LICENSE FOR ABOVE'S PHARMACY



1976

SARKIS, ELIAS: LEBANON LEADER

My9, A-2-4

BEIRUT- , CHRISTIAN, NAMED NEW PRES, BUT MOSLEMS CONTINUE FIGHTING.

My10, A-2-1

BEIRUT- APPEARED VICTOR IN FIRST CHALLENGE THAT FACED HIM IN HIS NEW POST.

My11, A15-5

BEIRUT- TRUCE IN LEBANON LIFTS HOPES OF US.

My24, A14-1

STUDYING FRENCH OFFER TO SEND TROOPS OVER TO KEEP PEACE.

Ag 31, A-10-5

BEIRUT-GOES TO SYRIA FOR PEACE TALKS

S 10, B-2-4

CAIRO-MEETS WITH SADAT

S 23, A-5-1

BEIRUT-SWORN IN

N 8, A-2-3

BEIRUT-PLEADS WITH LEBANESE PEOPLE TO ACCEPT TRUCE WITH SYRIAN

-1-978-

Je 2, A-5-1

BEIRUT-WON SYRIAN CONSENT TO USE LEBANESE REGULAR ARMY UNITS TO PATROL GUERRILLA-CONTROLLED AREAS IN S LEBANON

-1978---

JL 7, A-2-2

THREATENS TO RESIGN UNLESS CHRISTIAN & SYRIAN TROOPS FIGHT-
ING IN BEIRUT AGREE TO A CEASE-FIRE

JL 7, A-6-1-AM

SARKIS' THREAT TO RESIGN HALTS FIGHTING

JL 16, A-6-1

BEIRUT-WITHDRAWS THREAT OF RESIGNING

JL 24, A-4-3

BEIRUT-MOVES FOR PEACE

N 22, A-13-4

TUNIS-& Y. ARAFAT CLASH AT 10TH ARAB LEAGUE SUMMIT.

-1-980-

F 6, A-3-4

BEIRUT-TO MEET OVER SYRIAN TROOP WITHDRAWAL FROM CITY

-1985-

Je 27, A-8-2-3DQ

Obit-age 61, died today

Je 28, A-5-5

Obit-age 61, died in his Paris home.

SARKIS, LOUIS LA HOOD - CONSPIRACY

1962

**CHARGED WITH CONSPIRACY & FAILURE TO REPORT CRIME IN PRISON ESCAPE
OF THOMAS VIOLA**

--1965--

N 16, R-10-1

AP 14, A-6-1

**ON TRIAL FOR CONSPIRACY IN HELPING HOODLUM THOMAS VIOLA FOLLOWING
HIS ESCAPE IN '60 FROM OHIO PRISON WHERE SERVING LIFE SENTENCE FOR MURDER**

---1968--

AG 23, A-9-8 300T

ABOVE INDICTED BY FED. GRAND JURY

----1969----

AP15, A-6-1

**MISTRIAL DECLARED IN MELI COUNTERFEIT CONSPIRACY CASE 1/-
CARLISLE.**

-1986-

S 1, B-5-4

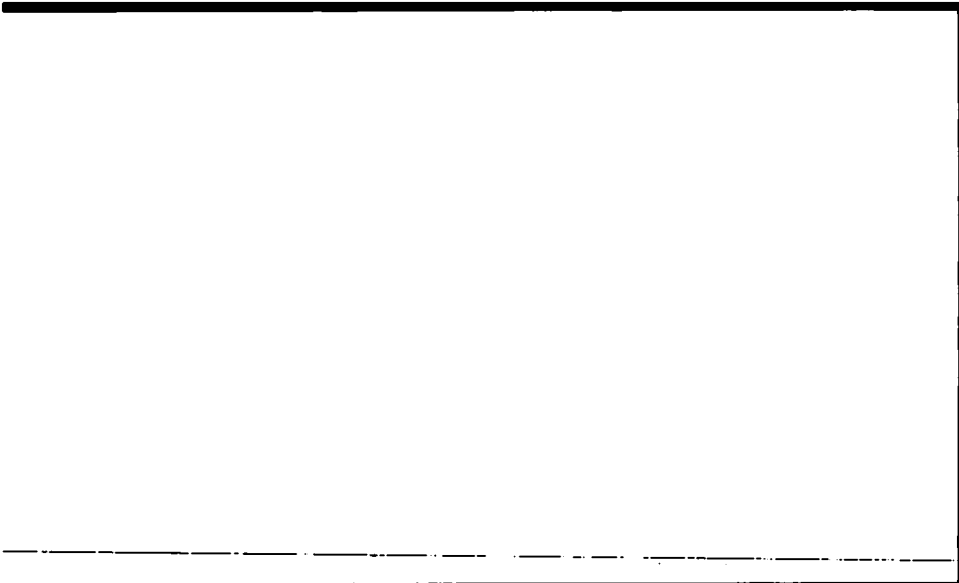
Obit-age 54, died Ag 30-Bradford

SARKIS, RUDOLPH - DETROIT

1951

ADMITS RAPE OF 25-YR OLD EXPECTANT MOTHER
SENT TO 60 DAYS -FOR MOLESTING

AP 11: 51-34
AP 13: 52-1



SARKISIAN, EDWARD "BALDY" : FRAUD

1976

JA 31, A-8-1

**51 OF SOUTHFIELD ARRESTED CHARGED WITH CASHING STOLEN
CHECK FOR \$29,921 IN LAS VEGAS**

MY 1, A-7-1 MO1

SENTENCED TO 6 MONTHS IN PRISON, & PROBATION

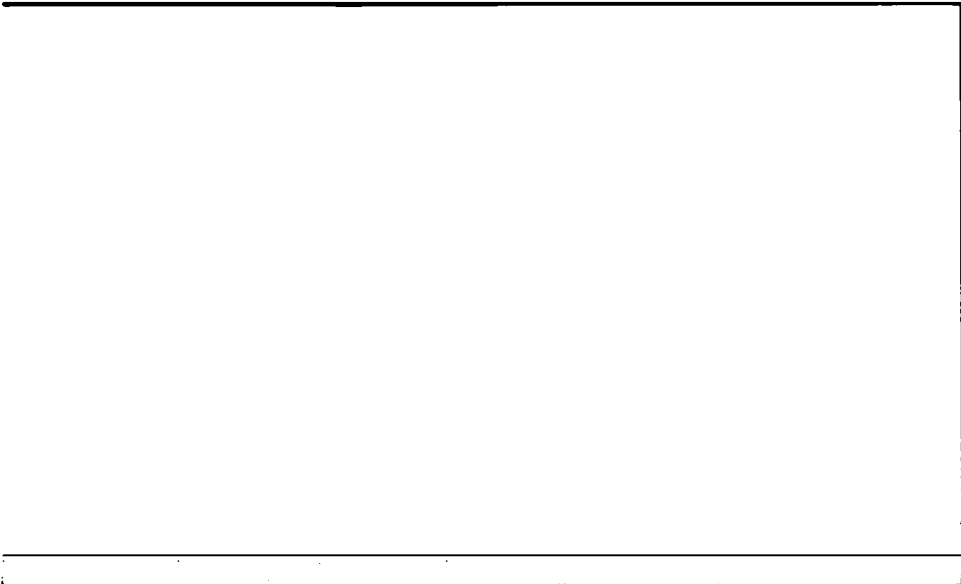
-1991-

Ja 30 A 1-3

**Starting in 1988, FBI recorded Over the Hill gang's talks
at Larco's restaurant on 12 Mile. - Sinclair & Lengel**

My 23, A-2 2

Indicted on gambling charge



1973

SARKISIAN, EDWARD : LINCOLN PARK EDUCATOR

D 18, B-2-1 W

TO BECOME DEP SUPERINTENDENT OF SCHOOLS ZJAN 1.

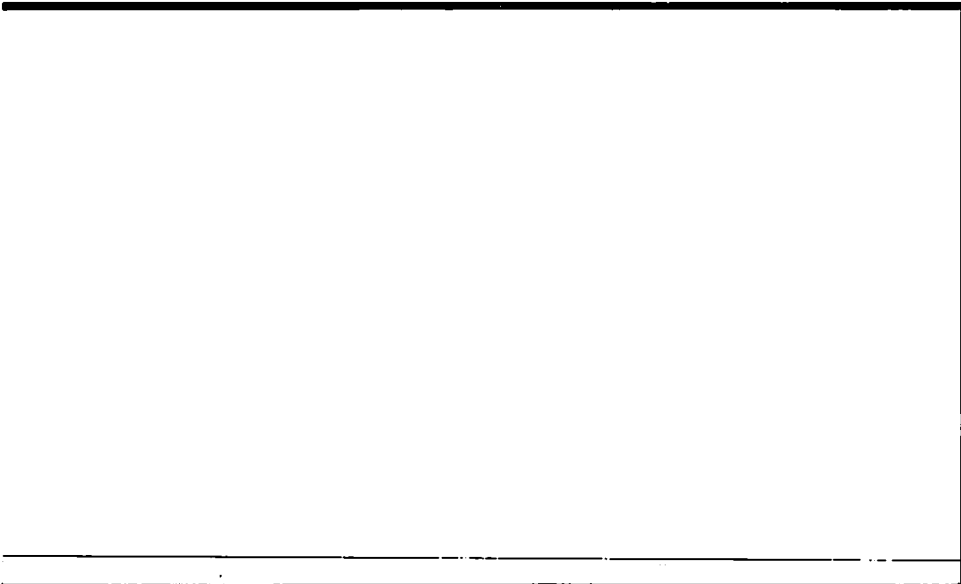
-1977-

MR 30, B-2-1 W

TO QUIT LINCOLN PK FOR SUPT JOB AT GROSSE ILE-PAYNE

--1981--

D 24,

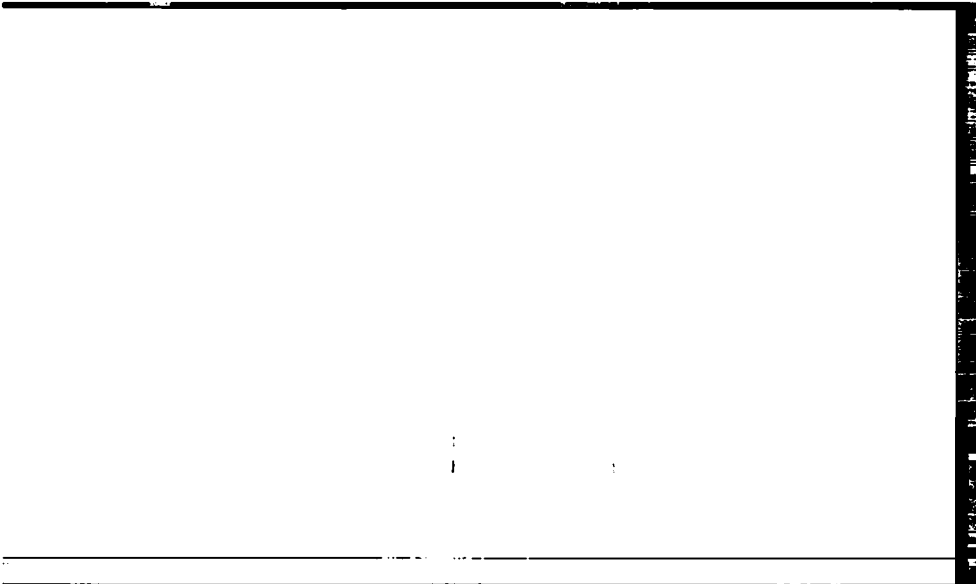


SARKISIAN, GAYLE : BUSINESS

1981

Ag 11, B-1-4

**37, PRES OF GREEN RANT DESIGN INC WHICH RENTS & MAINTAINS
PLANTS FOR CORP & INSTITUTIONAL CUSTOMERS.-LUKE**



SARKISOVA, VIRGINIA : CHESS PLAYER

1996

N 11 C 3-6nodot

Eaton Rapids,57,representing U.S. at World Senior Chess
Championship,Germany

SARKISIAN, EDWARD: GAMBLING

1992

Ap 9, B-1-2

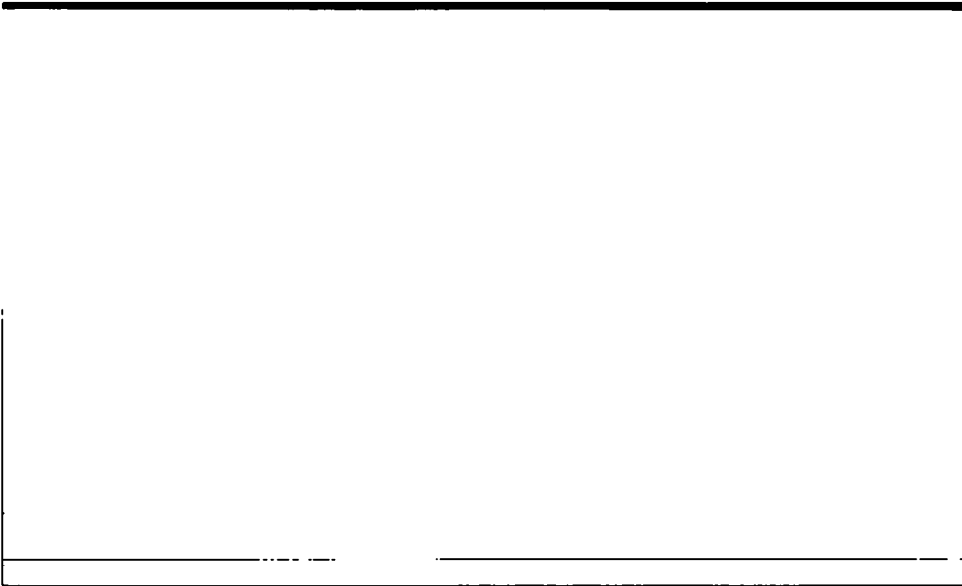
Arrested in Wolverine Golf Club in gambling raid,14 indicted

-Lengel

-1994-

Ja 14 B 6-2

Acquitted of interstate gambling charges.

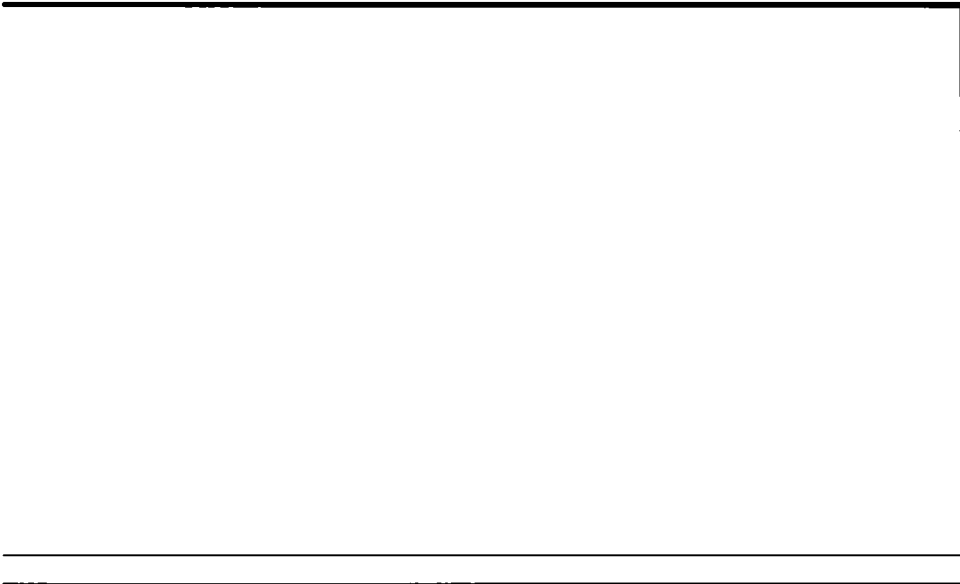


SARKISIAN, GEORGE: GAMBLING

1992

Ap 9, B-1-2

Arrested in gambling raid at Wolverine Golf Club, 14 indicted-
Lengel



SARKISIAN, SARKIS - DETROIT ARTIST

1934

DOES WALL PAINTINGS AT JULIE SHOP IN FISHER BLDG-	Form 1656	Mr 25,3-18-2
11 CANVASES TO BE SHOWN AT YOUNG ARTISTS' MART	-----1935-----	MY 12,3-15-6
TO GIVE ONE MAN SHOE N 25, UNDER AUSPICES OF DET SOC OF ARTS & CRAFTS		N 24,3-17-8
EXHIBITS ABOUT 20 CANVASES SHOWING LANDSCAPE & FIGURES	-----1936-----	AP 19,3-21-4
SHOWING AT DET ARTISTS MARKET	-----1938-----	MY 1, 1-13-3
WINS \$300 IN ARTIST COMPETITION	-----1955-----	JL 3, 3-8-6
WINS HIGH HONORS I N 48TH ANN AL MICH. ARTISTS EXHIBITION AT ART INST.-	-----1957-----	N 20, 61-1
HAKANSON		N 30, 6-8
TO DEMONSTRATE HIS PAINTING TECHNIQUE IN FREE PROGRAM D 1ST AT DET. INST		
OF ARTS	-----1958-----	O 3, 30-1
WOMEN'S CITY CLUB HONORS ABOVE-HAKANSON	-----1959-----	JE 14, ROTO 18
ABOVES "PORTRAIT OF ANNA HERBE" AT DET. INSTITUTE OF ARTS	-----1965-----	AG 22, 6-2-1
PREPARING 1ST 1MAN SHOW HERE IN 15 YRS, EXHIBIT BOOKED FOR DET ARTISTS		
MARKET NOV 24-HAKANSON		

RETIREMENT FROM DET. SOCIETY OF ARTS & CRAFTS SCHOOL AFTER
40 YRS BECAUSE OF POOR HEALTH - HAKANSON

--1967--

AG 27, B-6-1

-----1972-----

MR 26, ROTO 35

BIOGRAPHICAL SKETCH--HAKANSON

--1974--

S 9, A-2-5

WAS INCORRECTLY REFERRED TO AS DECEASED IN SBACCENT ARTICLE

--1977-----JA 24, C-6-1

OBIT AGE 67 JA 23RD.

SARK ISLAND

--1927--

1656

AG 8, 2-8-1HOME

RULED BY WOMAN, MRS. DUDLEY BEAUMONT---

--1928---

JE 23, 2-5

DAME BEAUMONT MAKES SUBJECT PAY RENT ON GRAIN

--1934--

JA 8, 11-4HOME

DEATH OF 2 STIRS FEUDAL ISLAND---

AP 29, 12-6

ROBERT HATHAWAY, ONE OF RULERS, DEPORTED TO GERMANY---

--1951--

O 23, 11-4

BAN AIRPLANES FROM LANDING IN FEUDAL GLENS--

--1959---

AG 17, 18-1

SARK-DAME, LAST OF FEUDAL RULERS, BANS DOGS AND CARS AND OTHERS FROM HER ISLAND EMPIRE---

GILMORE

--1962----

D 5, F-2-1

RULER, MRS. SYBIL HATHAWAY OUTLAWS AUTOS AND WHEELS--

--1969---

AG 6, D-18-3

A TAX HEAVEN FOR THE SHADY CITIZEN-MULLER

--1970---

JA 22, A-17-1

LONDON-DAME SYBIL HATHAWAY FEUDAL RULER DROPS HER PLAN TO ABDICATE---

---1974---

N 5, A-1U-5

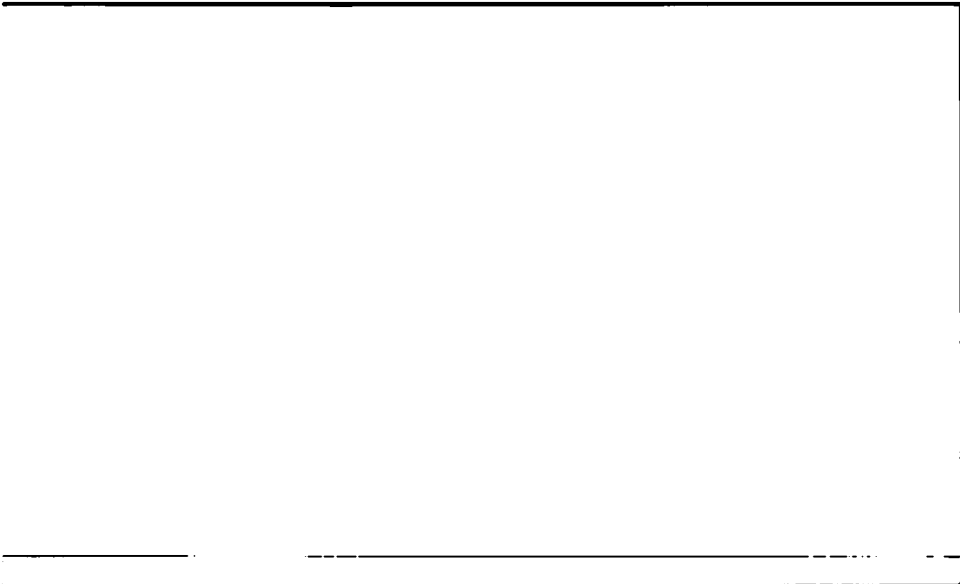
SARK, CHANNEL ISLANDS-GOVT HERE PASSED BILL TO ALLOW WOMEN
SOME FREEDOM, NOT ALL WOMEN WANT IT

SARKISSIAN, ANN GRACE : TRAFFIC VICTIM

1987

F /, B-5-1

40, of S'field & Bobbi Jean Luck 35 struck by car, killed
as they aided their disabled car on S'field Fway service dr



SARKISSON,A.THOMAS - MICHIGAN - NATURAL GAS PRODUCER.

1935

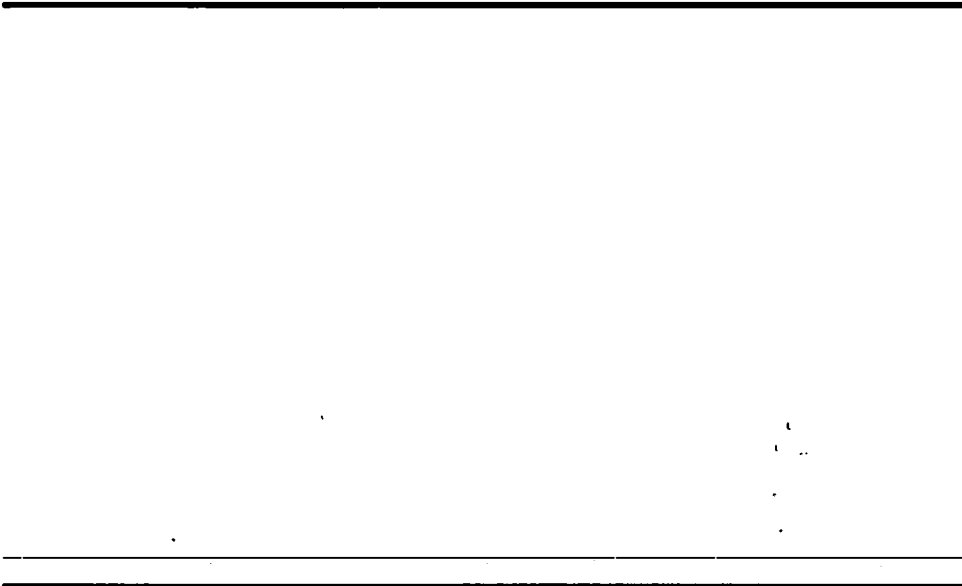
Form 1656

TELLS DETROIT COUNCIL OF PLANS TO PIPE GAS TO DETROIT FROM MICHIGAN
FIELDS;READY TO DEFY MICH P U C
MICH PUC IRKED BY ABOVE;SEEKS TO QUESTION HIM
SOUNDS NATURAL GAS DEFY

0 8,5-1

0 9,4-8 C M

0 13,1-5-3

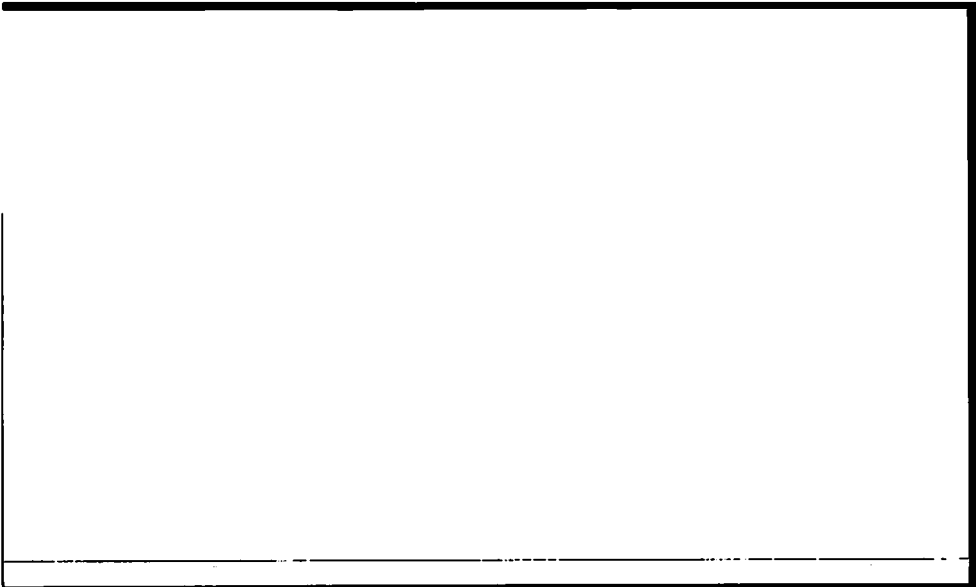


SARKISSIAN, ELI - DET SOLDIER

1945

WOUNDED

F 9, 21-6

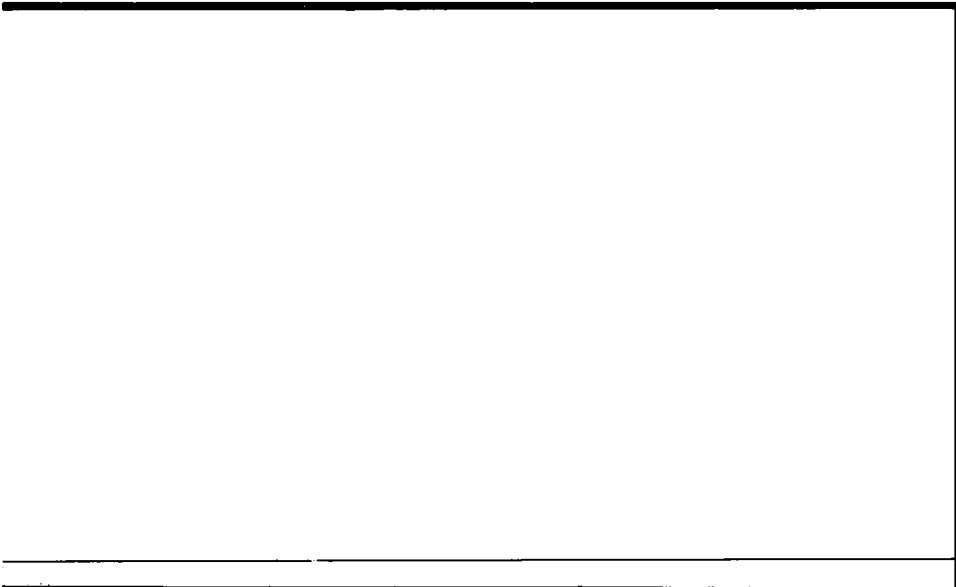


SARKKINEN, ESCO : FOOTBALL

1978

COLUMBUS-RETIRE AS LONGTIME ASST COACH AT OHIO STATE

MR 21, D-3-5

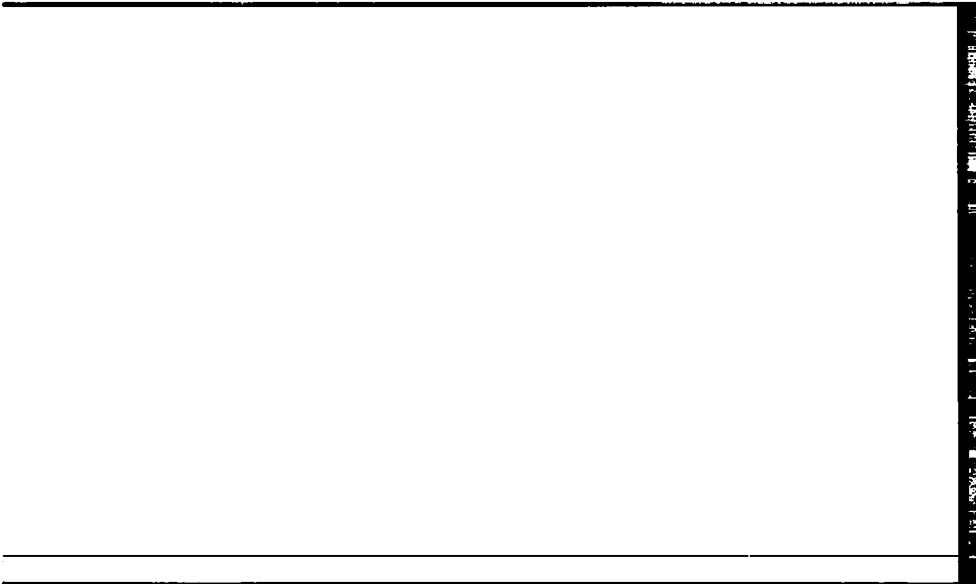


SARKO, ALAN : BRIBE

1981

O 22, B-18-1 D

**DEARBORN CONSTRUCTION EXEC PLEADS INNOCENTS OF OFFERING
BRIBE TO FLINT-AREA LABOR OFFICIAL**



SARKO, HAROLD S. : DETROIT BUILDER

1949

APPT. TO BD. OF DIRECTORS BUILDERS ASSN. OF METRO. DET.

JL 9, 5-4

--1969--

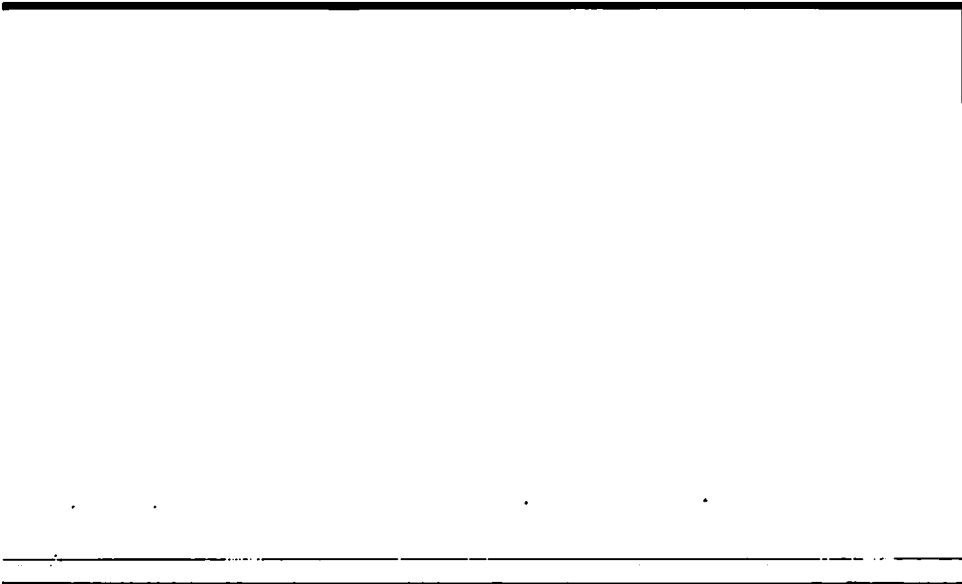
JL 18, D-6-6

ABOVE TO PAY \$2.5 MILLION IN DIVORCE SETTLEMENT WITH WIFE-

----1979----

Ag 23, C-1-1

**& WIFE MARY HAVE HOME USED FOR WOMEN TO CREATE OWN 'MINI-LA
COSTA' FOR REDUCING PROGRAMS-BREITMEYER**



1957

SARKO, LOUIS - DETROIT WRECKING FIRM

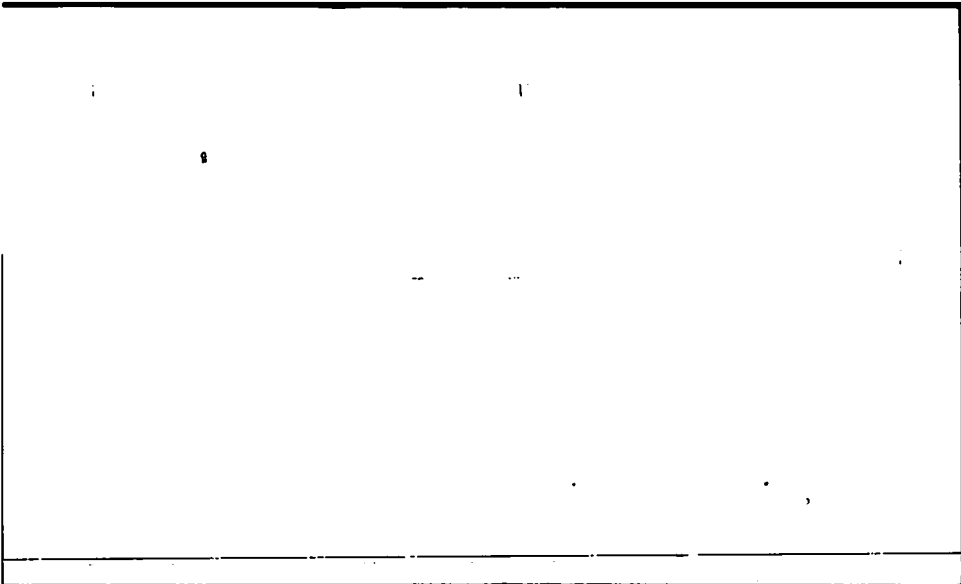
SAYS WRECKING BUSINESS TREME-DOUS IN DET. IN LAST 5 YRS. - SALSINGER
JL 28, B-6-6

TELLS OF PLAN FOR GIANT SHOPPING CENTER ON SITE OF OLD HUDSON MAIN
AUTO PLANT ON E. JEFFERSON --1969-- D 15, A-1-2
DENIES CIVIC HOSPITAL LINK-NEHMAN MY 11, A-8-1

INDICTED FOR INCOME TAX EVASION OF \$279,000 ON CORPORATE
AND PERSONAL INCOME FOR 63064-65. CARLISLE.
D12, A-1-2

CONFIRMED PURCHASE OF SUBMARINE CERO BY ARROW WRECKING INC
FOR \$10,676--JACKSON S 26, A-3-3
PLEADED GUILTY TO CHARGE OF INCOME TAX EVASION IN FED. CT.
029, A-6-5

SENTENCED TO 2 YEARS PROBATION & \$10,000 FINE FOR INCOME
TAX EVASION JA 22, D-7-1
FIGHTING WITH STATE OFFICIALS OVER POLLUTION ON
ROUGE RIVER KERWIN N19, A-16-2



SARKODY, JOSEPH -

EXTORT SUSPECT

1936

PLEADS GUILTY

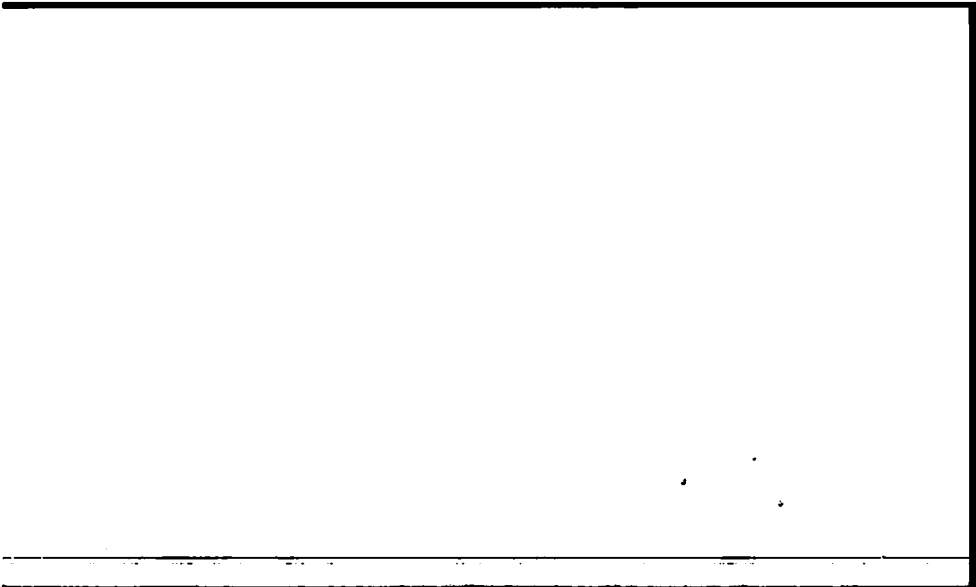
Form 1656

JA 17,19-2 BL STR

~~RECORDED~~ ATTEMPT TO EXTORT FROM DR BERNARD SEYBURN HELD FOR EXAM

F 2,1-20-8 3*

SENT TO NATL TRAINING SCHOOL AT WASHINGTON UNTIL HE BECOMES OF AGE



SARKODY, WILLIAM - RIVER ROUGE SOLDIER

1945

MY 24, 25-8

KILLED, PACIFIC

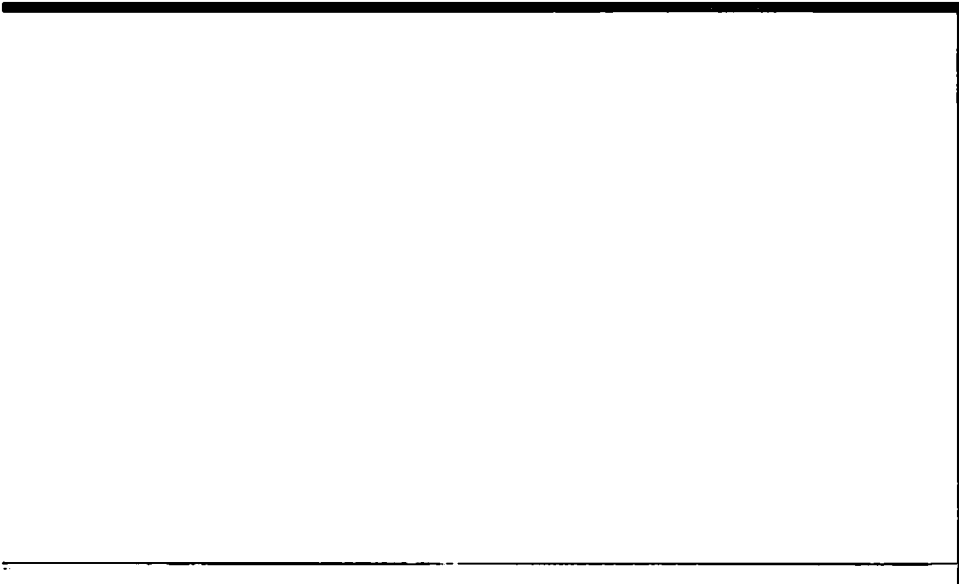


SARKOZY, KEN : BAKER

1978

JL 7, C-1-2

**KALAMAZOO-DESPITE A DOCTORAL DEGREE, ENJOYS BAKING BREAD &
DOUGHNUTS IN RENOVATED QUARTERS-RUSSELL**



SARKOVICH, LT. LEWIS M.: MARAUDER BOMBER PILOT, DETROIT

1944

MISSING OVER EUROPE
INTERMED IN SWITZERLAND

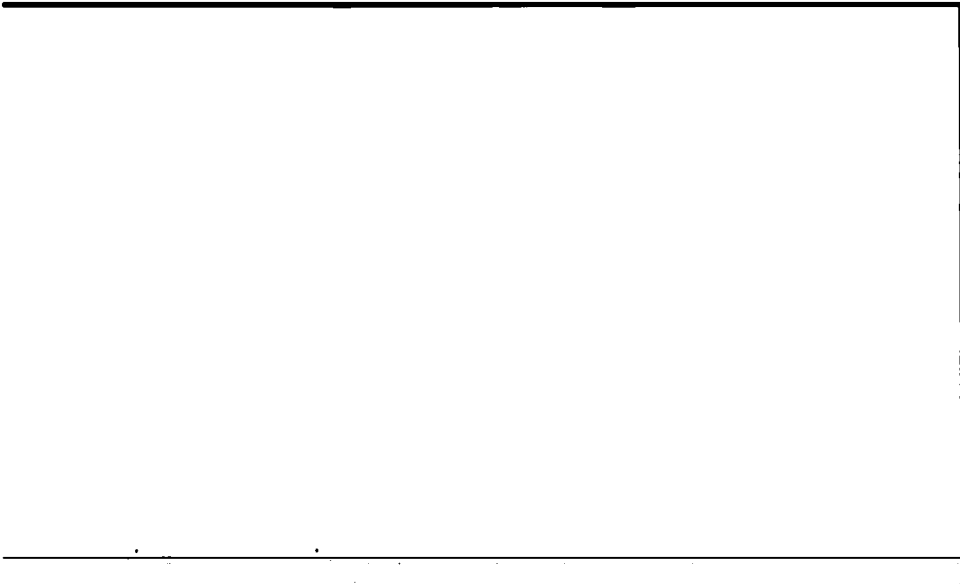
Form 1656

JE 4, 1-6-5
JE 10, 5-1

---1945---

JE 23, 6-3

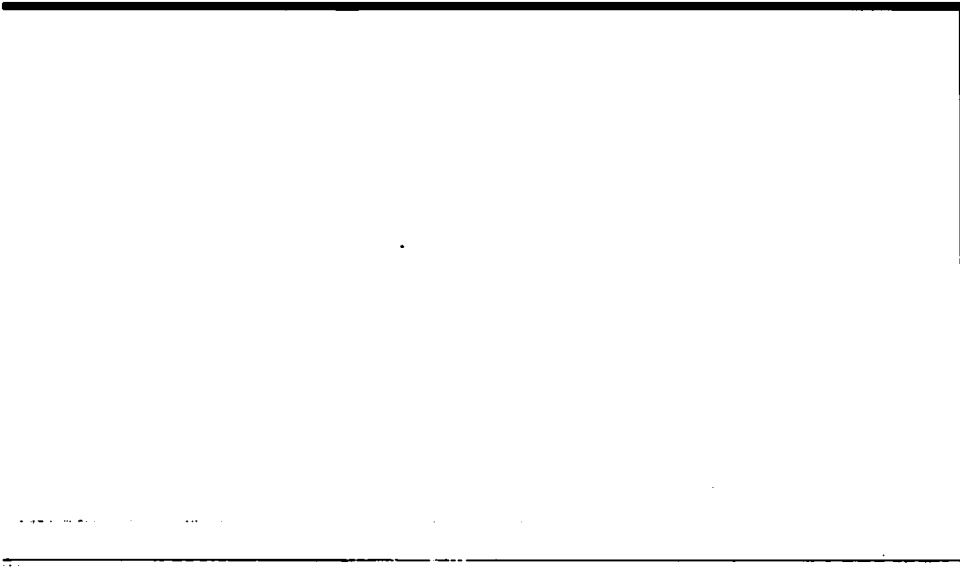
RETURNED TO US; TO BE STATIONED ROMULUS AIR BASE



SARLES, REV. DALE - EPISCOPAL MINISTER .

1965

JE 21, A-19-6
& NEW BRIDE, FORMER JOYCE MACDONALD TO LIVE IN MINTO, ALASKA WHERE
DOING MISSIONARY WORK-SMITH



SARLES, HUGH E. - WAYNE STATE UNIVERSITY

1957

S 5, 19-1

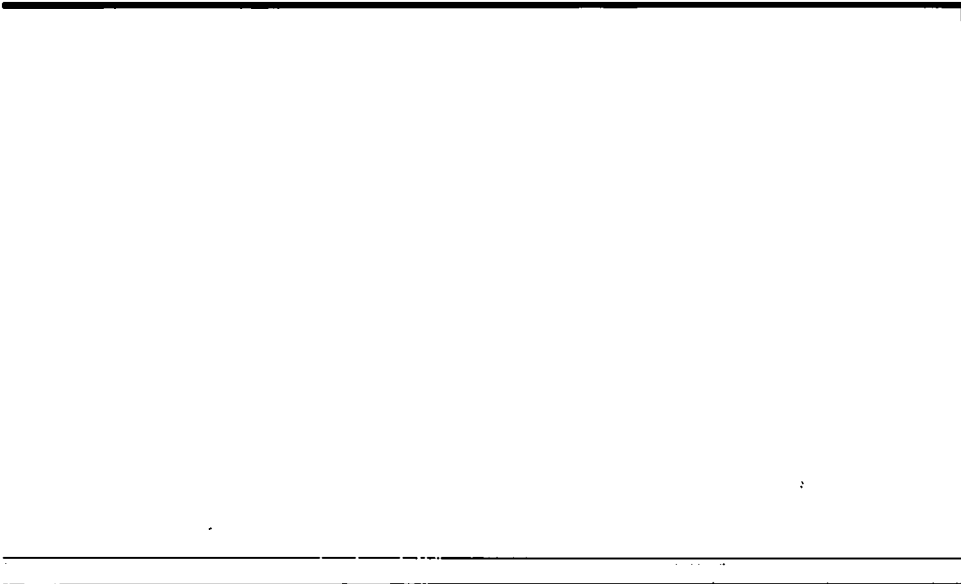
NAMED DIRECTOR OF ADMISSIONS AT WAYNE STATE

-----1958 ---- Ap 2, 1-5

BLAMES POOR STUDY IN COLLEGE FAILURES-DIDZU"

--1962- S 22, B-7-1

& OTHER COLLEGE HEADS WORRY OVER INCREASED ENROLLMENTS OF FRESHMEN IN
COLLEGES-S_ALSINGER



SARLES, LISA ANNE: ACCIDENT VICTIM

1993

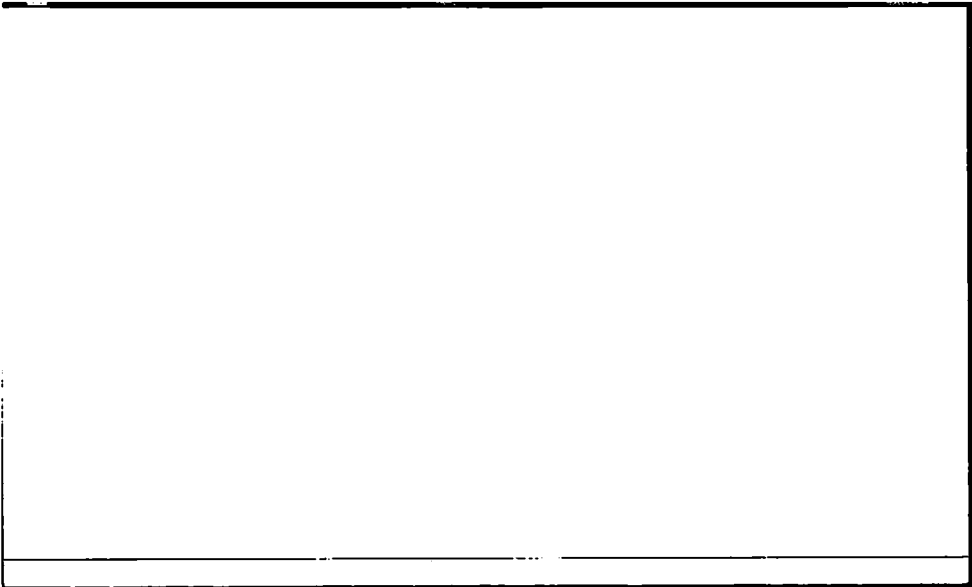
Jl 26 B 1-5E

Nichole Thibodeau, 3 daughter of Lisa died aft her mother's car was rammed by a car fleeing police-Martindale

-1994-

Jl 13 B 3-5 N

Warren - Calvin Billingslea, 45, of Det sentenced to life in prison & Donald J Gimotty, 31, of Westland also sentenced to life in the death of Lisa.



1950

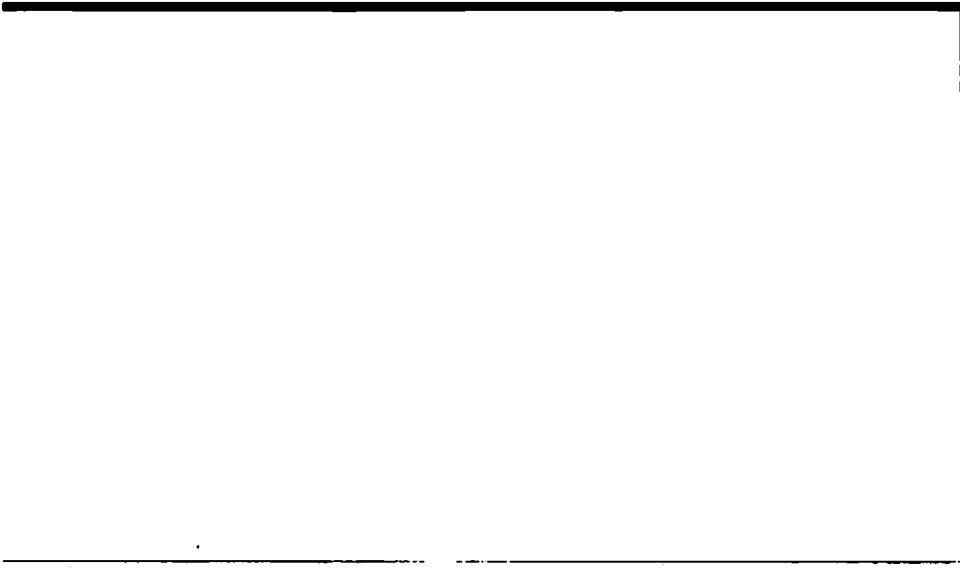
SARLES, PAUL H. - FORMER US SOLDIER

JA 6, 4-7

JA 10, 31-3

BELIEVED SLAIN WITH PAL IN LUZON WITH OUTLAWS

BODIES ABOVE & FRANK JIRGL FOUND IN PHILIPPINES; HEADLESS



SARLES, DR. PHILIP W. - MINISTER

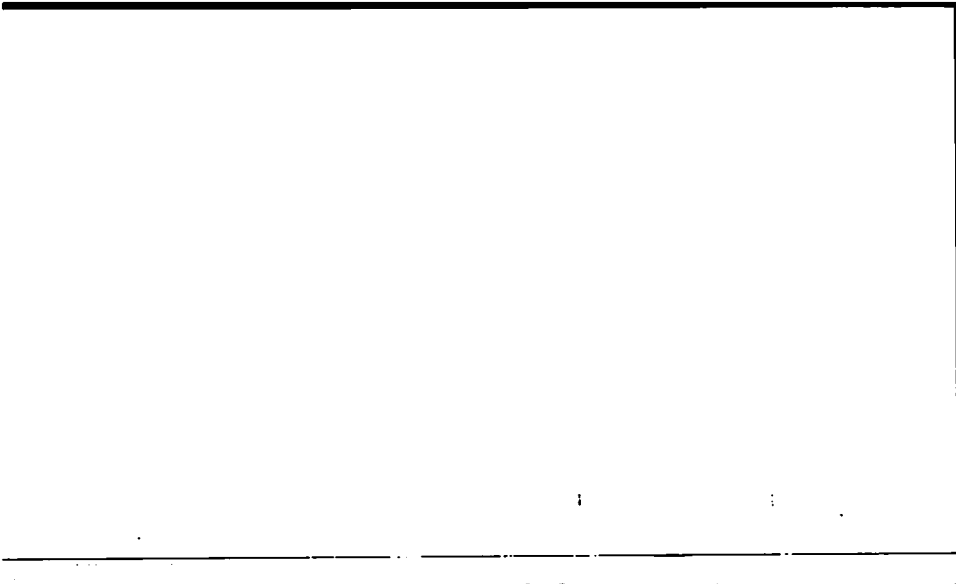
1957

N 28, 1-6

THANKSGIVING DAY SERMON SAYS WE SHOULD THINK OF OTHERS IN OUR
THANKS-SCHACHERN

----1959---- MR 14, 14-1

COMMENTS ON MERGER STEP OF RELIGIONS-SCHACHERN



CHARLIE, JACQUES - FINANCIER

1957

**BUYING PENN-TEXAS STOCK
STOCK SALE UNDER FIRE**

AP 16, 30-8 5*
AP 17, 34-4

FILES \$5.6 MILLION DAMAGE SUIT AGST FAIRBANKS-WHITNEY CORP

~~---1959---~~ JL 9, 40-6

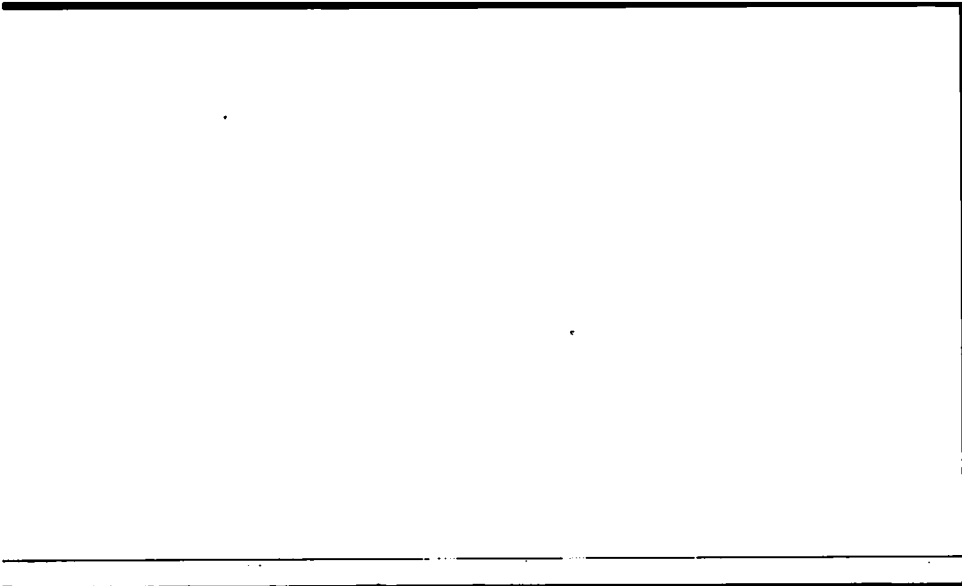
**SUED BY NY FIRM OF McDONNELL & CO. INC. FOR FLEEING TO FRANCE LEAVING
A \$754,000 STOCK ORDER UNPAID**

~~---1962---~~

JE 22, A-3-3-

JE 25, A-17-8 FIN3

NY-RETURNED FROM PARIS-DENIES HE LEFT U.S. TO DEFRAUD CREDITORS

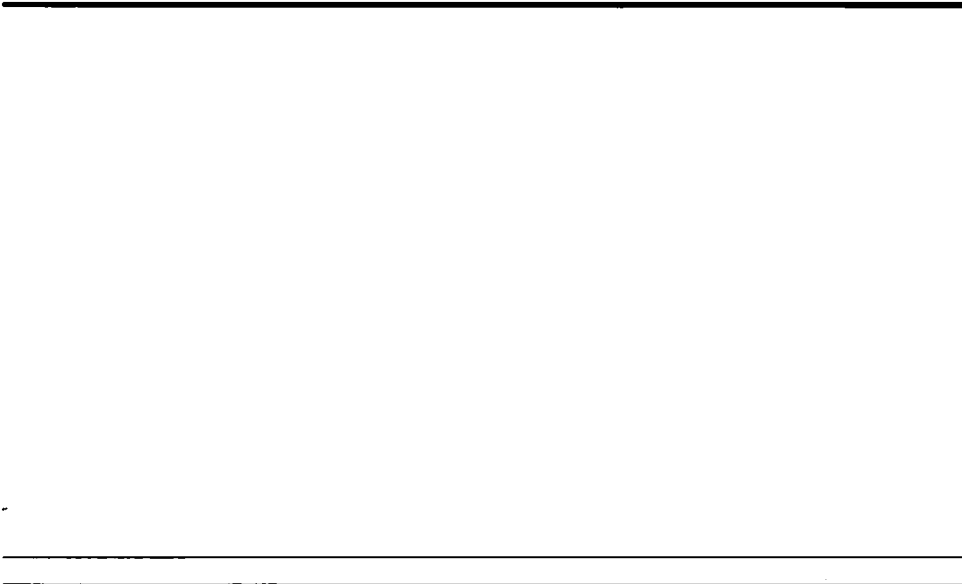


SARLOS, ZOLTON: POLICE OFFICER

1992

F 25, B-2-5

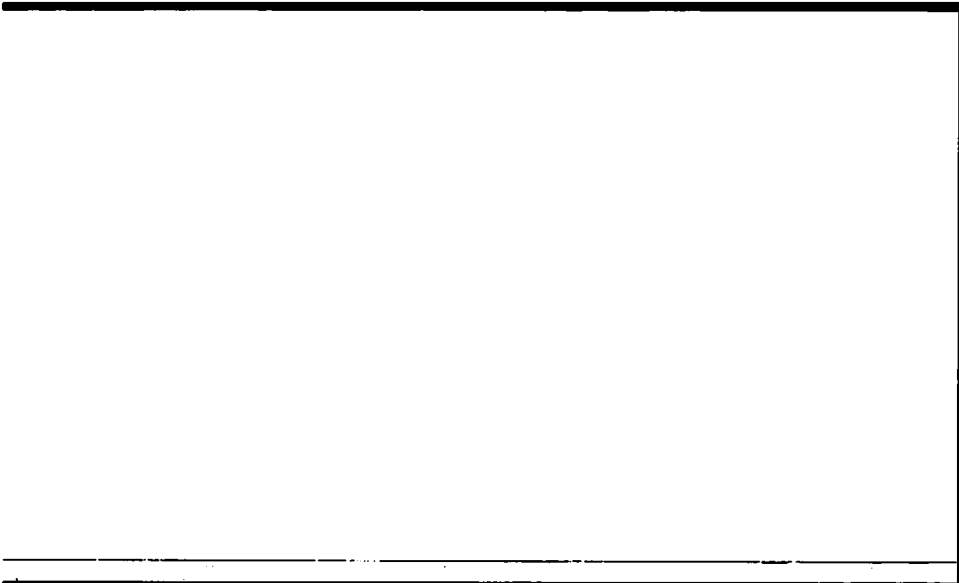
Head of Hungarian Natl. Police, spoke in St. Claire Shores, is
styng traffic control & patrol car video recording system-
Greenwood



SARLOW, ROSE: IONIA, MICH OFFICIAL

1954

BIOG. SKETCH OF ABOVE, SECRETARY OF IONIA, MICH FREE FAIR-HAKANSON
JA 20, 37-1



1965

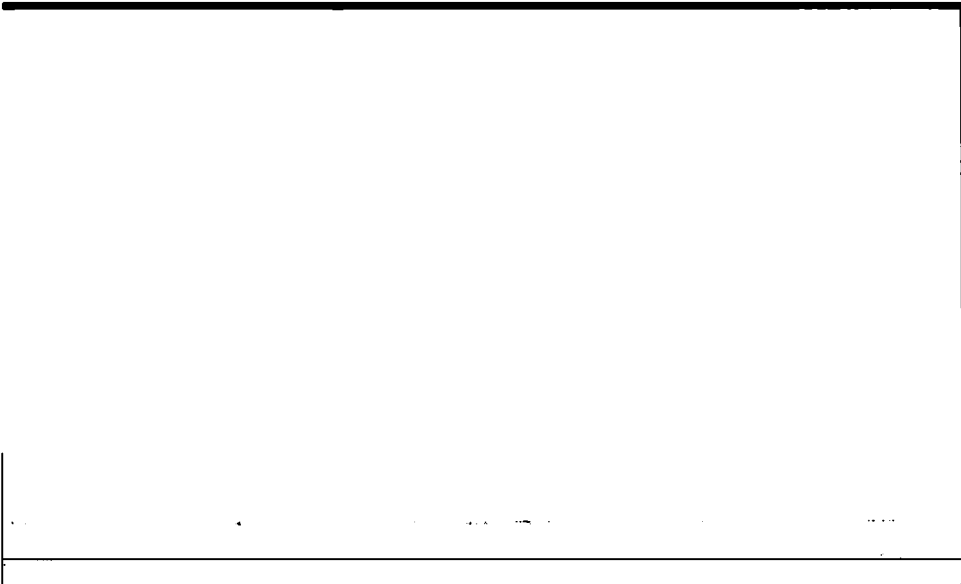
SARMENTO, MAJ. GEN. SYSENO - BRAZIL

JA 24, A-16-1 7*

NY UN SEC. GEN. U THANT APPOINTS ABOVE AS COMMANDER OF UN EMERGENCY
FORCE IN MIDDLE EAST

F 9, R-7-4

BEIRUT, LEBANON - ARRIVES IN BEIRUT FOR TALKS WITH FOR. MIN. PHILIP TAKLA
& ARMY COMMANDER MAJ. GEN. ADEL CHEHAB



SARMI, FERDINANDO: ITALIAN DESIGNER

1962

IN DET. TO SHOW FALL COLLECTION AT JULIE'S -TO GIVE FASHION LECTURE
AT WOMEN'S CITY CLUB 0 22-PETRIE

---1967---

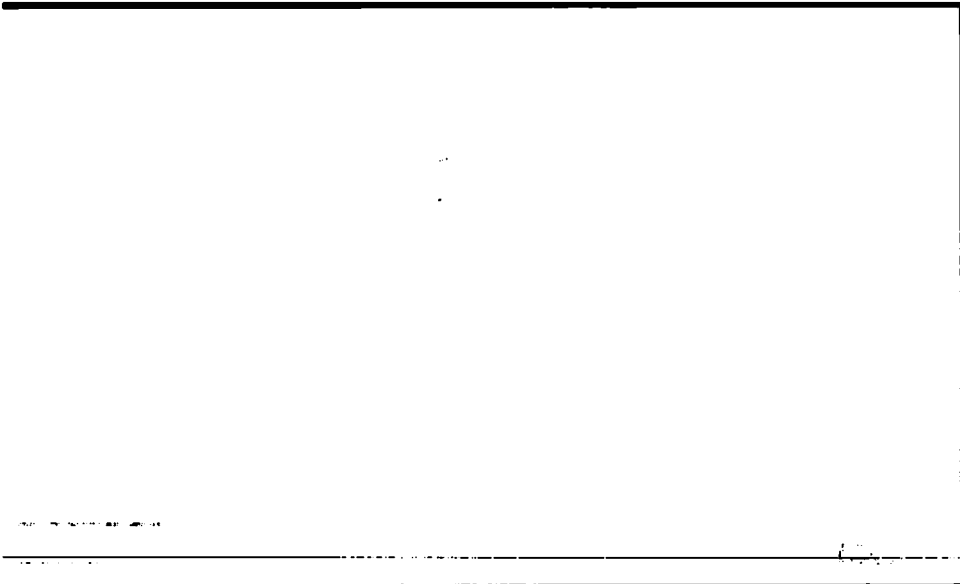
S 6, E-1-4

DISCUSSES TREND TOWARDE ROMANTIC CLOTHES

--1971--

S 24,D-2-1

ELEGANCE IN AGAIN--QUINET



SARMIENTO, ALBERTO M : SLAIN

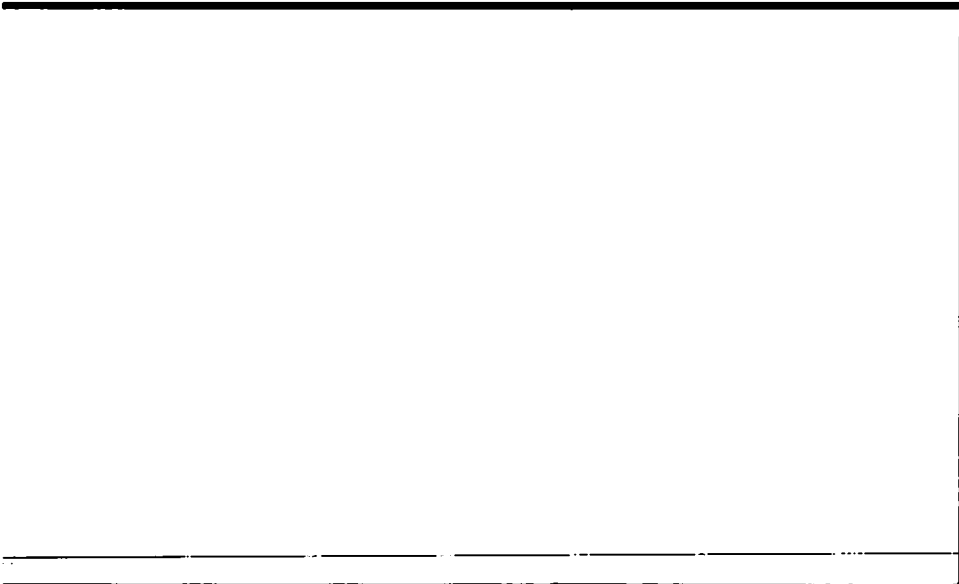
1981

AP 24, A-10-3

MIAMI-AGE70, CUBAN BORN CANDIDATE FOR MAYOR SHOT

AP 25, A-6-3

\$50,000 REWARD OFFERED

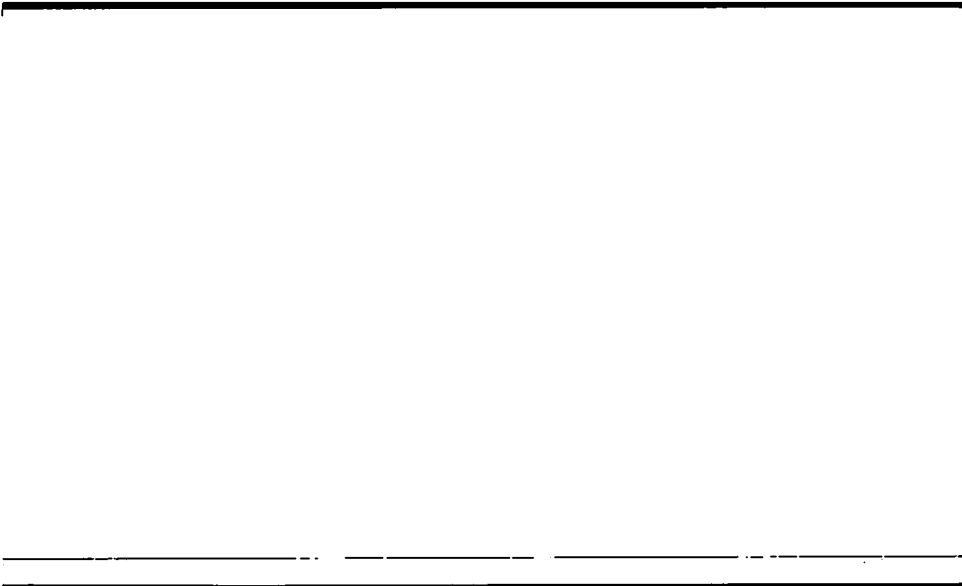


SARMIENTO, FREDERICK M. : HIGHLAND PARK; AWARD WINNER

1963

JA 17, A-13-8 FIN3

OF 167 LABELLE, GIVEN \$50 FOR NOTIFYING POLICE OF BURGLARY AT 13910
THIRD, HIGHLAND PARK-AWARD FROM ASSOCIATED PETROLEUM INDUSTRIES OF MICH



SARMIENTO, MRS. YOLANDA : CHILEAN DRUG CHARGES

1972

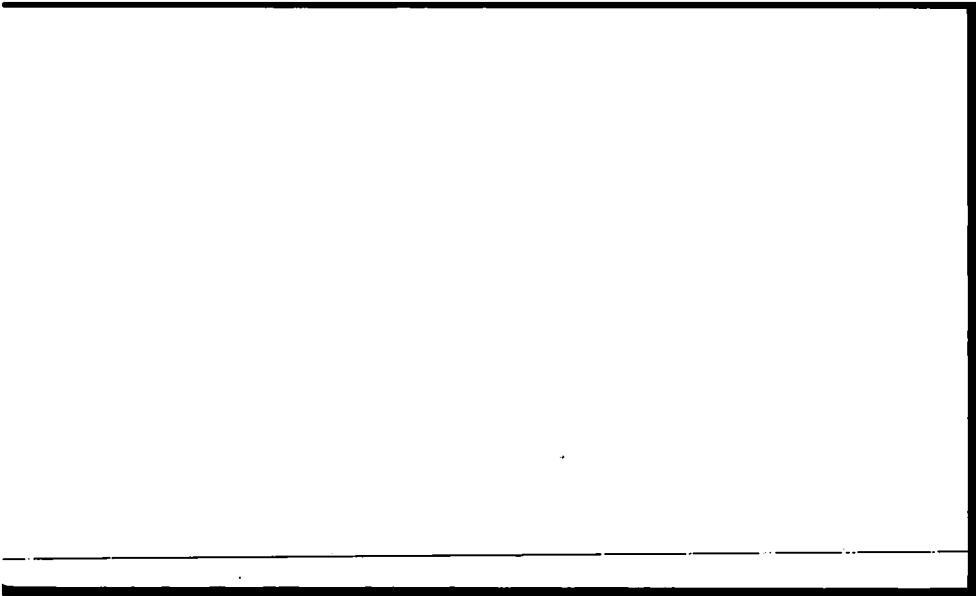
D 15, A-22-1

INDICTED IN BROOKLYN WITH 11 OTHERS IN INTERNATIONAL HEROIN
AND COCAINE SMUGGLING RING; AGE 43.

--1976----

MY 28, A-11-1 ST

NY-& 2 OTHERS ARRESTED AT KENNEDY AIRPORT AFTER THEY FLEW
SECRETLY FROM ARGENTINA, WHERE HIDING OUT



SARTR, JOHN - MT. PLEASANT, MICHIGAN

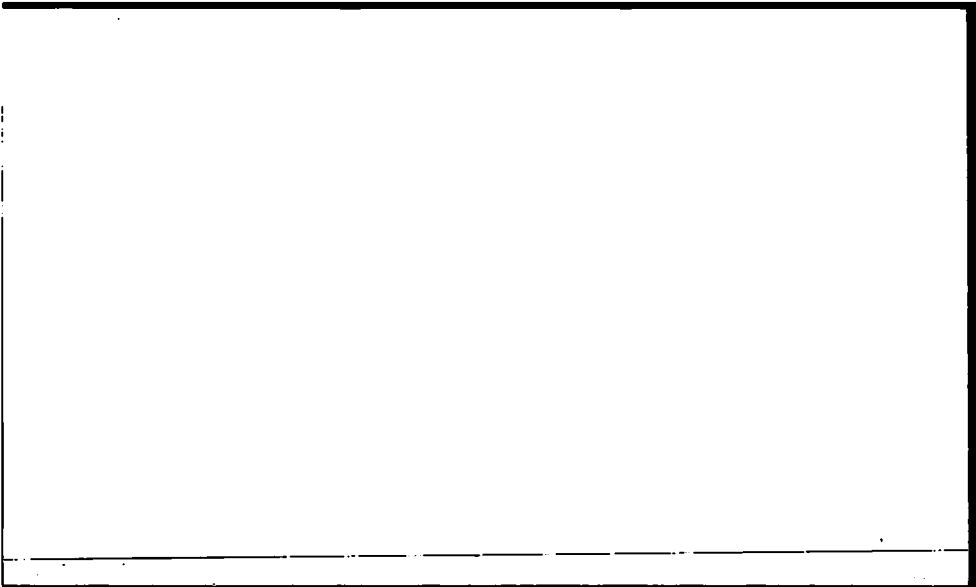
1947

KILLED BY AX; MURDERER SOUGHT

JA 13, 19-3

JA 22, 28-5

MICHAEL KRISTIAN DIES SHOTGUN WOUND WANTED IN MURDER ABOVE -



SARMONT, EAGLE : FLYER

1980

JL 19, A-4-3

AGE 28 HOPES TO MAKE TRANSATLANTIC FLIGHT IN HIS MOTORIZED
GLIDER

JL 24, D-6-3 AM

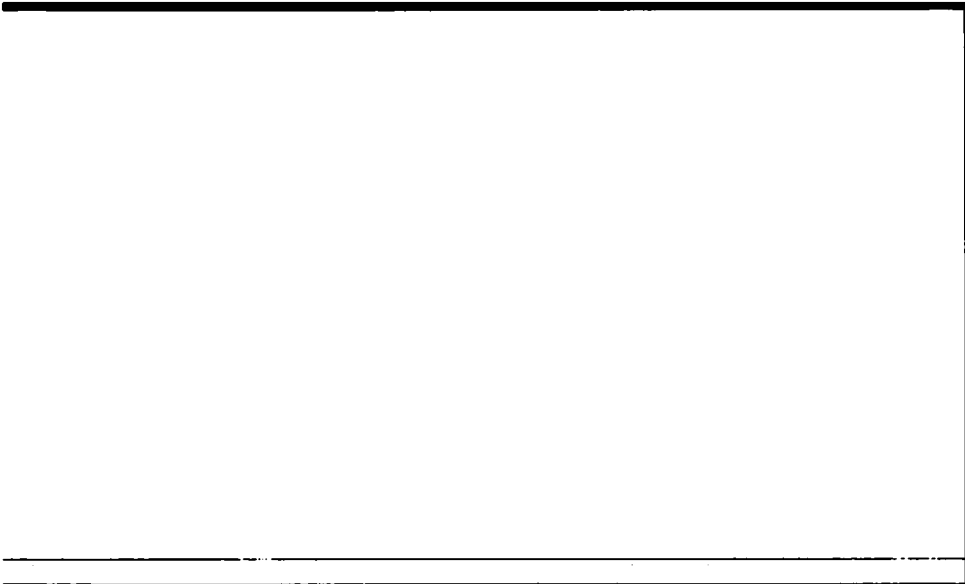
FERRISBURG-TO TRY TO CROSS ATLANT9C

JL 22, A-5-1

SOARS OVER QUEBEC

JL 23, A-20-1

QUEBEC-CANADIANS BAR HIS FLIGHT

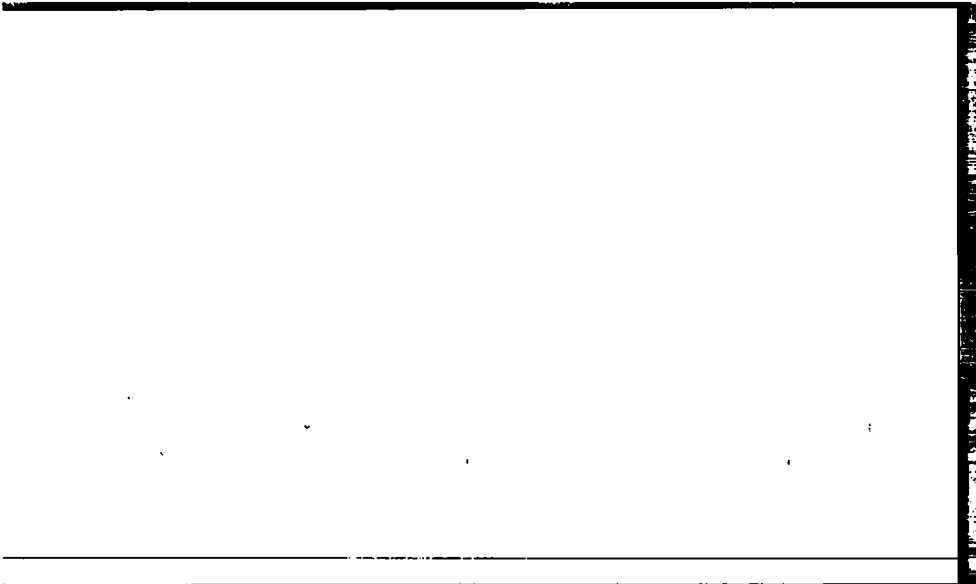


SARNA, MARK J. : MURDER CHARGE

1981

JE 7, B-4-3

**32 OF DET., CHGD WITH MURDERING HARRY J. PUSTELNIK JR 19
& WOUNDING DAVID L. SHRUT 22. SUSPECTED OF BREAKING INTO
GARAGE.**

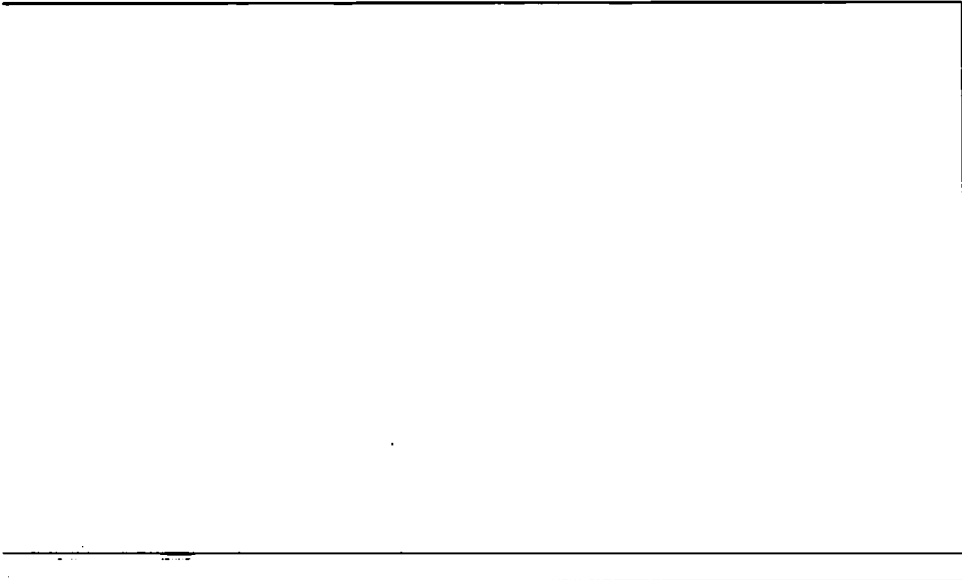


SARNA, STANLEY - DET SOLDIER

1945

AP 6, 21-5

WOUNDED

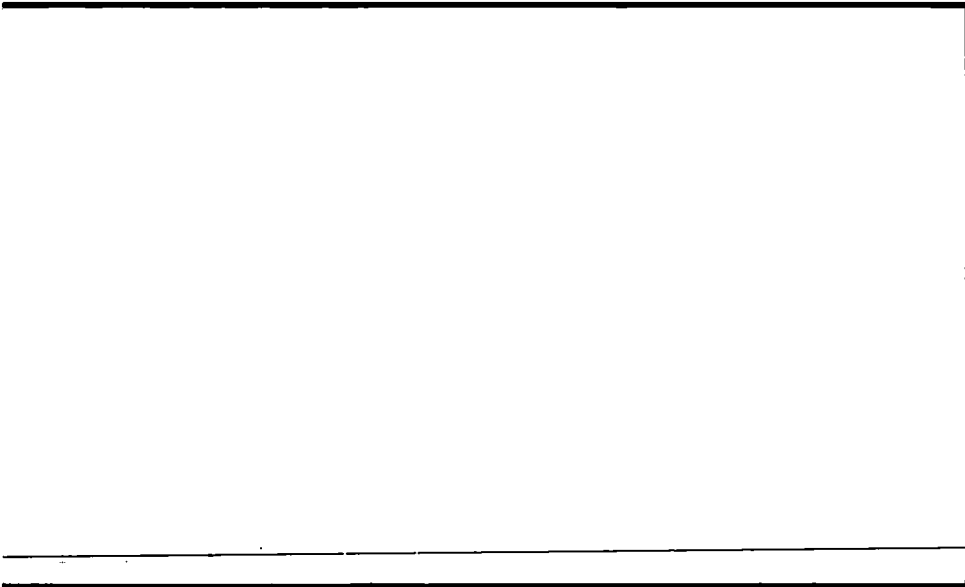


SARNACKI, EDWARD J.: DETROIT MARINE

1944

AG 24, 25-2

WOUNDED ON SAIPAN JE 28



SAPNER, SIDNEY: BUILDER: NEW JERSEY

1954

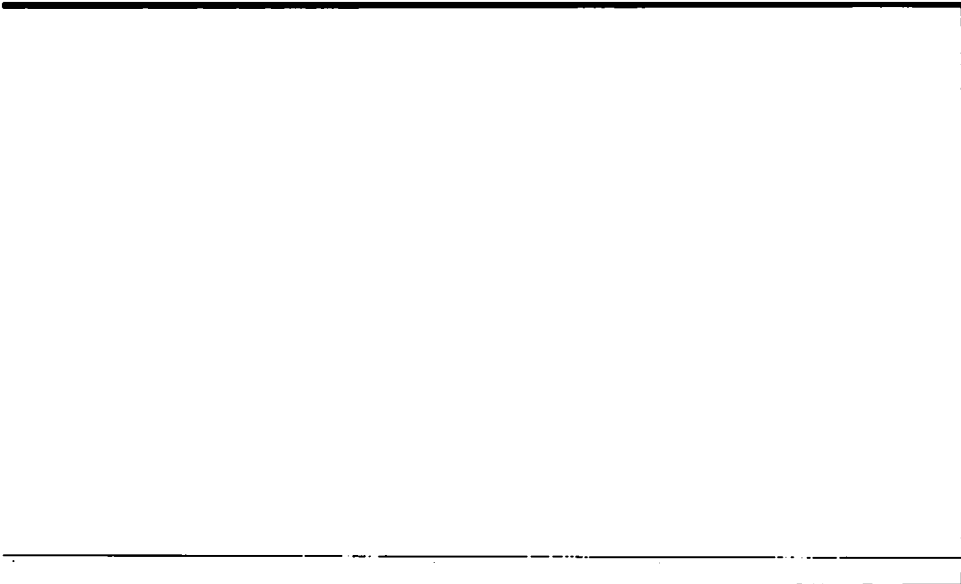
BLAKS SENATE QUIZZ OF HIS FHA DEALINGS
SENATORS MAY ACCUSE ABOVE OF PERJURY

JL 12, 4-3 5*
L 13, 13-3

-----1955-----

AP 26, 19-2

PLANS TO APPEAL A FED.CT.RULING THAT HIS FT.LEE HOUSING PROJECT IN N.
J. RANKED IN HUGE "WINDFALL" PROFITS



SARNES, EDNA MAE:

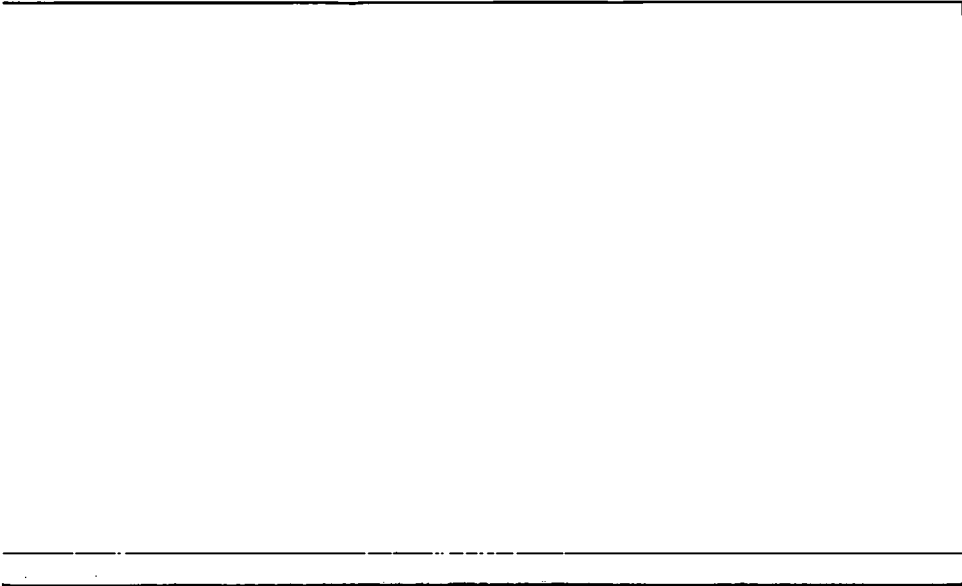
DETROIT

1937

Form 1656

0 3,1-4-4

HELD FOR TRIAL CHARGING CONSPIRACY TO DEFRAUD & CHEAT STUDENTS AT THE
BERNARD STATE SCHOOL OF COSMETOLOGY & THE STATE



SARNES, LOWELL F. : DEARBORN ARMY OFFICER

1944

PROMOTED TO CAPTAIN

---1946---

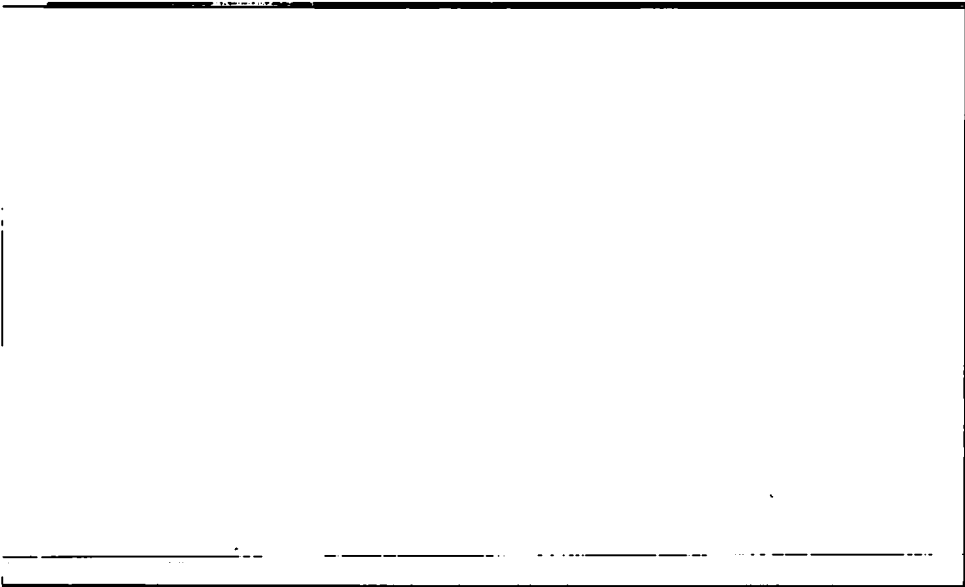
U 19, 5-1

AWARDED LEGION OF MERIT MEDAL

MR 29, 4-2

AWARDED LEGION OF MERIT

S 24, 5-1



1927

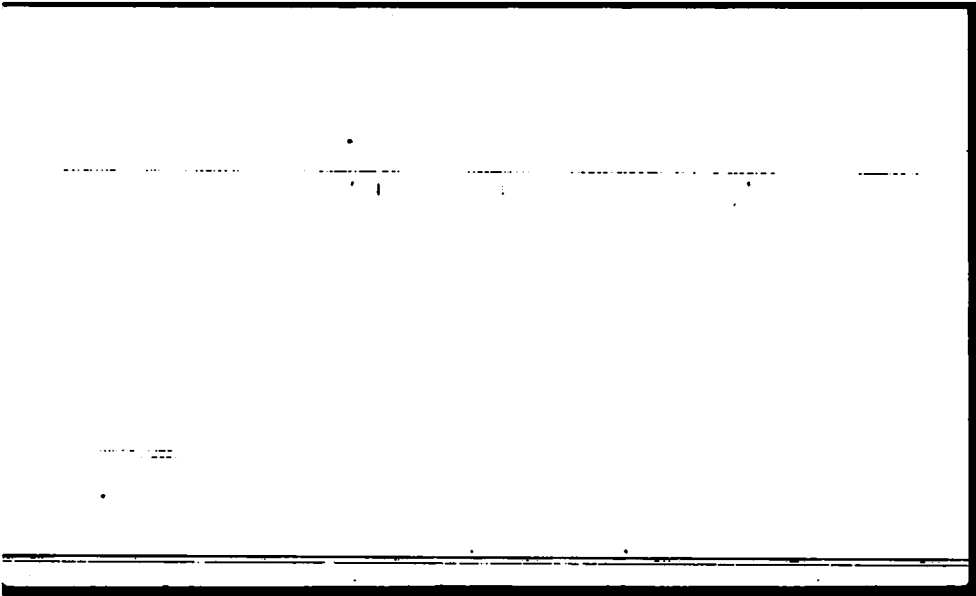
F 7, 6-4

Ordered to appear in court to answer complaints made by Viola Griffith, Maude Hamel, Lucy Webb, Carol Hadsell, Lydia Humphrey, Eva Penwarden that she charged them \$100 each for course in beauty college and \$9 each for instruments used

---1937---

AG 19,11-3-BnST

OBTAINS WRIT FOR NORMAN H. HILL & OFFICIALS OF STATE BD. OF COSMETOLOGY
TO SHOW CAUSE WHY THEY SHOULDN'T BE RESTRAINED FR INTERFERING WITH
BUSINESS OF DERMAWAY MICH. STATE SCHOOL OF COSMETOLOGY O 3,1-4-4
HELD FOR TRIAL ON CONSPIRACY TO DEFRAUD CHARGES



SARNEY, JOSE : RIO DE JANEIRO POLITICIAN

1966

N 10, A-6-6

ABOVE GOV. MARANHAO STATE ESCAPED DEATH BY ASSASSINATION
AT POLITICAL RALLY-HIS UNCLE PUSHED HIM TO SAFETY

-1985-

Ap 23, A-2-1

Brasilia-sworn in as new pres, 1st civilian in 21yrs,
pledges to uphold legacy of Tancredo Neves

Ap 24, A-18-1

Obit of Neves-Edit

-1986-

N 18, A-2-3

Rio DeJaneiro-coalition wins easily

-1987-

F 21, A-3-5

Brasilia-suspends payments to foreign banks until he gets
a better interest deal

SARNL, WILLIAM - BB

1943

Form 1656

AGED 15 IS CATCHER FOR LOS ANGELES CLUB

Ag 13, 22-3

-----1956-----

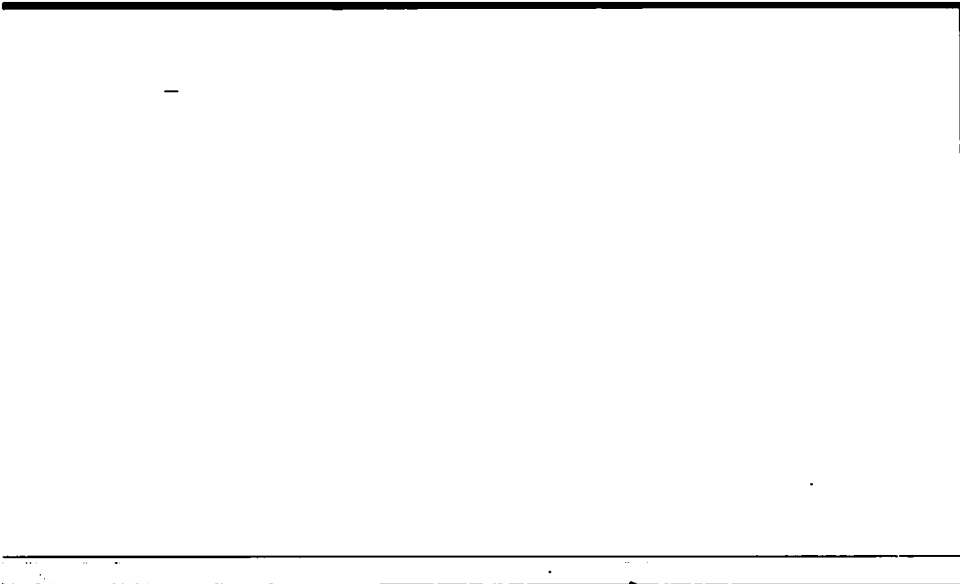
Je 15, 49-5

CARDINALS TRADE ABOVE TO GIANTS

-----1957-----

F 28, 49-4

BAD HEART ENDS CAREER ABOVE-



██████ - SARNIA BREWING & DISTILLING CO.

1927

O 28, 35-3

To erect million dollar ~~brewery at Sarnia~~

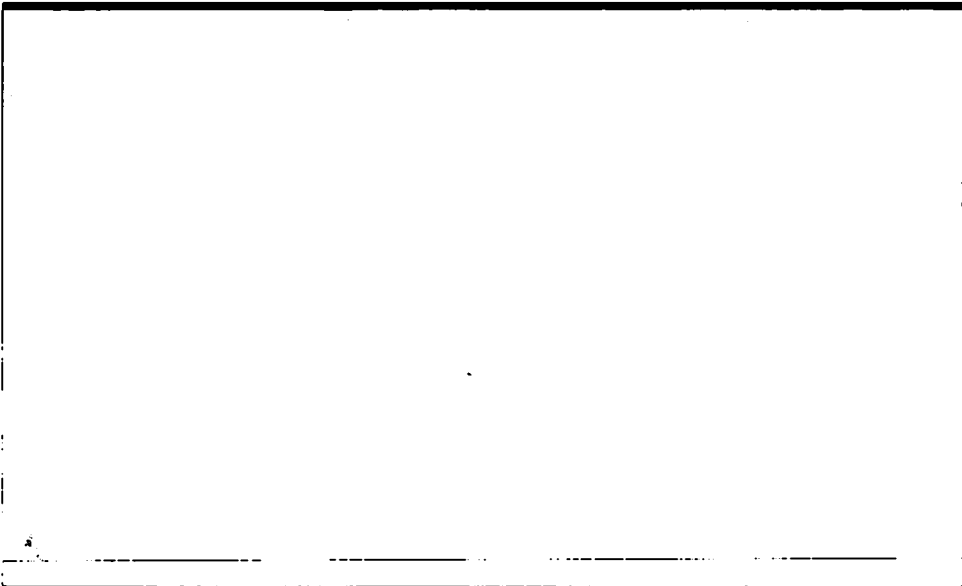
1929.

My 14, 2-6

No connection established between Casimer Kocat, head
of above, and slaying of Wm. W. Gunn, My 6

N 30, 4-6

1932
PURCHASED BY GROUP OF DETROITERS



SARNOFF , DAVID - RADIO CORP.OF AMERICA

1929

Form 1656

The Detroit News Ja 28, 30-8

Appointed director of Tri-Continental Corp.

1930

My 5, 20-5

Viewed as a career, radio offers the advantages of 3 distinct fields of activity

1931.

F 11, 16-5

To flash wireless appeal for Red Cross to

ships at sea F 11 ---1935---

G 10,4-15-1

ASKS RIGHT TO HEAD 2 RADIO UNITS-RCA COMMUNICATIONS, INC & RADIO MARINE CORP OF AMERICA

MR 6, 14-7

TELLS OF PROGRESS IN TELEVISION, NOT YET READY FOR HOMES

D 8,1-21-1

SAYS 25 MILES IS PRESENT LIMIT OF TELEVISION;SEES ADVANCES-KELLY

	-----1935-----	D 29, 4-13-1
CITES PROGRESS IN RADIO	-----1936-----	JE 30, 16-3
DISCUSSES FUTURE OF TELEVISION BEFORE ADVERTISING FEDERATION OF AMER-		
ICA-FULLER	-----1937-----	JA 6, 6-4
MADE \$75,000 SALARY IN 1935	-----1938-----	AP 25, 4-2
WINS MARCONI MEMORIAL AWARD FOR 1939		NY 9, 25-5-BLST
URGES CONGRESS TO DECLARE A NATL. RADIO COMMUNICATIONS POLICY		N 14, 1-7 B S
ASKS SELF-REGULATION OF RADIO INDUSTRY	-----1939-----	AP 20, 2-8-CM
WINS AWARD OF NATL. INST. OF IMMIGRANT WELFARE	-----1940-----	N 16, 1-2
TO CONTINUE AS HEAD RCA FOR ANOTHER 6 YRS.	-----1941-----	NY 6, 30-5 CM
SAY RCA'S CONSTRUCTION OF DEFENSE EQUIPMENT "ON SCHEDULE"	-----1942-----	D 20, 6-4-1
TELLS HOW RADIO CARRIES OUT ITS DOUBLE WAR MISSION		D 28, 16-2
PREDICTS MULTIPLE USE OF RADIO AFTER WAR	-----1943-----	O 15, 31-8
PAID \$7 MILLIONS BY EDWARD J NOBLE FOR BLUE NETWORK, INC.	-----1944-----	AP 27, 10-1 BS
NAMED SPECIAL CONSULTANT TO COMMUNICATIONS BRANCH OF PUBLIC RELATIONS	-----1947-----	JL 12, 15-7
OFFICE OF AEF		
NAMED BOARD CHAIRMAN OF RADIO CORP. OF AMER.		

1656

S14, 1-1-4

SAYS TELEVISION WILL ALWAYS BE FREE TO THE RECEIVER

----1948----

D26, 1-12-6

SAYS TELEVISION IS 2 YRS AHEAD OF MOST PREDICTIONS MY3, 45-3 BS 2

SAYS TELEVISION ONE OF SAFEGUARDS VS. SERIOUS ECONOMIC RECESSION

07, 1-4 BS 2

SUCCEEDED AS CHAIRMAN OF Bd. OF NBC BY NILES TRAMMELL

----1950----

MR30, 36-1

DENIES RCA IS COOL TO COLOR TELEVISION

030, 9-7

TO HEAD AM-R RED CROSS FUND-RAISING DRIVE NEXT YR

----1951----

AG16, 27-7 NITE

SAYS VOICE OF AMERICA NOT WINNING PROPAGANDA BATTLE WITH RUSSIANS

----1952----

MY6, 15-4BS2

PREDICTS GLOBAL TV IN 5YRS.

MY28, 23-3

~~NAMED FATHER OF YEAR BY NATL FATHER'S DAY COMM~~ 022, 16-5

MAY BE NAMED TO HEAD OF DEFENSE DEPT. STUDY OF USE OF MANPOWER IN ARMED FORCES

N25, 31-6

TO HEAD GRP OF CITIZENS COMMITTEE TO STUDY USE OF MANPOWER IN ARMED FORCES

D29, 28-1

TELLS OF NEW PROGRESS IN TRANSISTORS

D29, 10-3

TELLS OF DEFENSE DEPT. COOPERATION IN MANPOWER STUDY

-----1953-----

AP29, 1-5

TELLS OF RCA SYSTEM WHERE VIEWER CAN TELL PROGRAM OF LIKES & DISLIKES

013, 38-4

SELLS 3/4THS OF HIS STOCK IN RCA

-----1954-----

D15, 72-6

ORDERED TO ANSWER PRE-TRIAL QUESTIONS IN DAMAGE SUIT BY ZENITH RADIO

-----1955-----

MR16, 13-2

SPEAKS WITH PRES. IKE ON PROPAGANDA WARFARE

MY16-8-4

TELLS OF PLAN BEHIND A "GENERAL STAFF FOR COLD WAR"

JE6, 24-2

NYC-SAYS THAT PAY AS YOU SEE TV WOULD DEGRADE & ULTIMATELY DESTROY
THE PRESENT SYSTEM OF TV

S21, 63-5

URGES PAY VS FREE TV BE MADE ISSUE OF 1956 ELECTION

N11, 2-5 LF

ASKS DROPPING OF PHONOGRAPHS BEHIND IRON CURTAIN

-----1956-----

02, 35-3

GETS NOISELESS REFRIGERATOR AS GIFT ON BIRTHDAY

D28, 22-1

SON, ROBERT, FOLLOWS ABOVE'S FOOTSTEPS-LUBECK

-----1957-----

F5, 2-1

PROPOSED 3PT PROGRAM FOR INDUS. TO HELP END RAIL DISCRIMINATION IN
EMPLOYMENT

D26, 38-4

NYC-CALLS U.S. LEADER IN ELECTRONICS

-----1958-----

JA14, 29-6

SAYS BILLIONS TO SPEND TO MEET SOVIET CHALLENGE IN SPACE

MY26, 7-1

WASH-SAYS DAMAGED HUMAN ORGANS TO BE REPLACE BY ELECTRONIC SUBS.

SARNOFF, DAVID : RADIO CORPORATION OF AMERICA

1958

VOICES PLEA FOR STRENGTH OF US IN VETS DAY TALK IN DC

N 11, 1-7 LF

GENOA, ITALY-ITALIAN GOV'T HONORS ABOVE ON COLUMBUS DAY

---1959--- O 12, A-6-1

**NYC-GIVEN AWARD FROM DEAFNESS RESEARCH FOUNDATION
TOKYO-EN-ROUTE BACK TO U.S.**

---1960--- S 20, C-11-4FIN5

O 30, A-1-8 1*

**NYC-SAYS THAT BY 1970 TV & RADIO COMMUNICATION SYSTEM USING EARTH
SATELLITES AS RELAY STATIONS**

D 27, A-3-6

COMMENTS ON U.S. TRAILING RUSSIA IN MISSILES

---1961---

MR 5, AW 6

**DEM & GOP HONOR ABOVE AG 30TH ON 55TH ANNIV. OF HIS ENTRY INTO FIELD
OF COMMUNICATIONS & ELECTRONICS**

AG 31, C-11-4FIN3

SEES POT OF GOLD AT END OF SPACE RAINBOW

--1962--

O 1, R-13-2 2*

NY-STRICKEN WITH GASTRO-INTESTINAL UPSET & PUT IN HOSPITAL

JL 26, C-10-2

JL 25

NY-OPERATED ON FOR REMOVAL OF GALLSTONES

JL 27, B-5-5

N 9, C-5-7

IN SATISFACTORY CONDITION AFTER OPERATION FOR GALL BLADDER REMOVAL

--1963--

F 14, C-15-4 LF

**NY-SOLD 20,000 SHARES OF RCA COMMON STOCK TO DISCHARGE A PRIVATE DEBT
& ADJUST PERSONAL AFFAIRS-HAS 30,745 SHARES LEFT**

---1963---

JE 20, C-10-6

PRES. ITT HAROLD S. GENEEN, CRITICIZES ABOVE'S PLAN TO PLACE ALL INTERNATIONAL COMMUNICATIONS UNDER QUASI-GOVERNMENTAL COMMUNICATIONS SATELLITE CORP.

JL 15, A-12-1

THE FABULOUS PROMISE OF THE 1980S-ABOVE PREDICTS WORLD FILLED WITH ELECTRONIC MARVELS-ROGERS

---1965---

JE 28, R-9-1

WASH.-SUGGESTS THAT SINGLE, PRIVATELY OWNED CO. BE ORGANIZED IN THIS COUNTRY TO HANDLE ALL INTERNATIONAL COMMUNICATIONS

S 5, D-6-6

TO REMAIN WITH RADIO CORP. OF AMER. AS CHAIRMAN OF BOARD

D 16, E-3-5 Z 2

NY-AT DINNER OF ADVERTISING COUNCIL SAID SEES UNIFICATION OF ALL PRESENT MEDIA-RADIO, TV, NEWSPAPER, ETC INTO SINGLE NEW INTEGRATED ELECTRONIC MEDIUM SERVING WORLD-KASELOW

---1966---

JA 16, B-9-3

NY-NAMED TO RECEIVE THE 1966 CONCERT ARTISTS GUILD AWARD FOR HELPING ESTABLISH MUSICAL HERITAGE OF NATION

---1970---

JA 7, A-1-5 LF

NY-RESIGNED AS CHAIRMAN OF BOARD OF RCA CORP.

---1971---

DIED IN MANHATTAN HOME D 12 AT 80

D 13, C-11-1

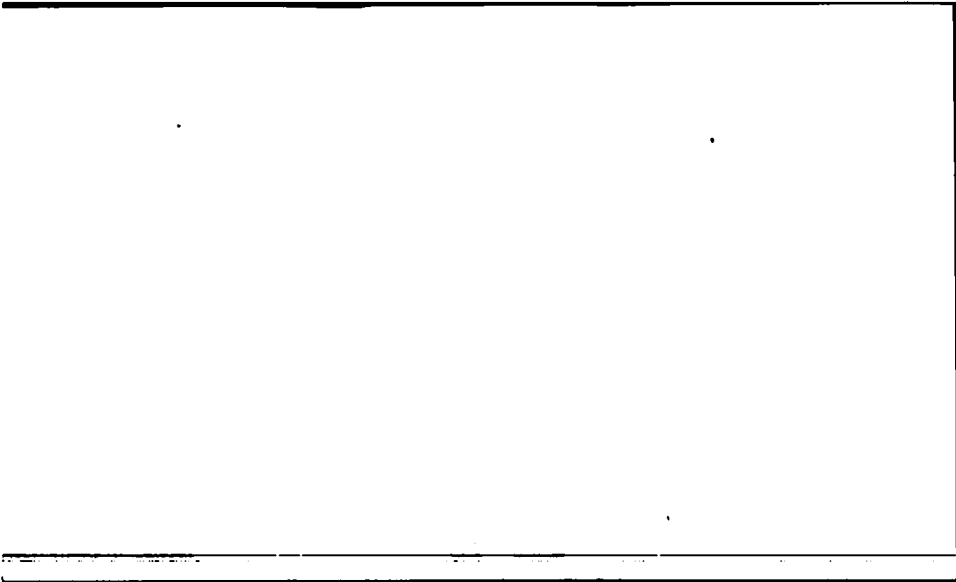
D 13, C-11-B

NIXON EULOGIZED ABOVE

SARNOFF, DOROTHY - SINGER

1948

HAIR BURNED DURING SHOW OF "MAGDALENA" BY EXPLODING LIGHT N 19, 1-3
---1956--- AP 1, 3-15-1
SHARES BILL WITH LILLY DACHE AT UF SUGAR BOWL JUBILEE
---1959--- N 6, A-3-7
REFUSES TO DO SHOW AGAIN ON BROADWAY-STINSON ---1963--- D 11, E-1-2
APPEARING AT DET. ATHLETIC CLUB-PETRIE
---1967--- 23, D-1-5
SPEAKS AT DET TOWN HALL F 22 ON ART OF CONSERVATION-LAMARRE
---1971--- MR 12D-4-1E
TALKS ABOUT SPEECH PSYCHIATRY. "LANE"



Form 1656

SENTC. TO 25 DAYS FOR RENTING AN INSANITARY BLDG.

N 3,2-5

SENTC. TO 25 DAYS FOR VIOLATING BLDG. CODE

N 3,1-4-BLST

PLEA FAILS, MUST SERVE 25 DAYS

N 4,4-7

SENTENCING OF ABOVE INDUCES JOHN W. SMITH TO PUSH SURVEY IF SANITARY CONDITIONS IN AREA INSIDE GO. BLVD.

N 6,25-2

ABOVE CASE PROMPTS SEN. CHAS. C. DIGGS TO ASK COUNCIL FOR INQUIRY INTO INSANITARY DWELLINGS IN DET.

N 7,25-5

RELEASED ON APPEAL ACTION

---1941---

N 19,1-12-3

CHGD. VIOL. SANITARY PROVISIONS OF DET. ORDINANCE

JA 14, 26-4

PLEADS INNOCENT 16 VIOLSS OF HEALTH ORDINANCE

F 4, 22-8 BS

SAME

F 5, 29-7

FOUND GUILTY IN BUILDING CODE VIOLATION, SENTC. F 27

F 20, 4-3

SENTENCE POSTPONED: TO BE GIVEN SANITY EXAM

F 27, 37-3 BS

GUARDIAN SOUGHT FOR ABOVE

F 28, 9-7

MR 14, 23-1

SPECIAL GUARDIAN TO MANAGE PROPERTIES ABOVE

JE 13, 1-1 CM

SENTC. TO 90 DAYS FOR FAILURE TO REMEDY UNSAFE & INSANITARY CONDITIONS IN HIS PROPERTIES

S 27, 2-5

JUDGE THOS. F. MAHER TO MAKE TOUR OF ABOVE'S CONDEMNED HOMES

O 7, 9-5

COURT MAKES INSPECTION TOUR OF 18 HOMES OF ABOVE & EDITH WEINSTEIN

SENTC. TO 60 DAYS ON EACH OF 2 NUISANCE CHARGES	--- 1941---</td <td>O 24, 1-6 BS</td>	O 24, 1-6 BS
SAME		O 25, 1-7
APPEALS 60 DAY NUISANCE SENTC.		O 26, 1-11-6
FREED ON \$1,000 BOND		O 27, 7-2
DENIED PETITION FOR WRIT OF CERTIORARI		N 15, 3-7
WINS ANOTHER ADJOURNMENT TO REMAIN FREE DESPITE SENTENCES		N 20, 14-1
APPEAL FOR REVIEW DENIED BY COURT	--- 1942---</td <td>N 27, 51-4</td>	N 27, 51-4
CONVICTION UPHOLD BY ST. SUPR. CT.		JE 11, 17-5
STATE SUP. CT. DECISION HIGHLY COMMENDABLE-EDIT.		JE 13, 12-1
PLEA DENIED, RETURNED TO JAIL TO SERVE 60 DAY SENTC.		JE 22, 1-6
	--- 1947---</td <td>AP 26, 2-7</td>	AP 26, 2-7
WIFE, DORA, DIED AP 25, 61 YRS. OLD		

1942

SARNOFF, ROBERT: ^{W.} SON OF DAVID SARNOFF

MR 5, 9-4

ENGAGED TO ESME O'BRIEN, NBC SECRETARY
WEDS ESME BEATRIX O'BRIEN

MR 25, 18-8 BS

ELECTED VICE-PRES. NAT'L BROADCASTING CO.

JE 6, 52-7

ELECTED EXECUTIVE VICE-PRES. OF NAT'L BROADCASTING CO.

D 6, 4-17-7

TO SPEAK AT ADCRAFT CLUB OF DET. 3 15TH

O 12, 8-1

PRASIES AUTO INDUSTRY FOR ITS HELP FOR COLOR TV IN SPEECH TO ADCRAFT CLUB OF DET.

O 16, 8-2

URGES TV MANUFACTURERS TO PRODUCE COLOR SETS AND SPONSOR COLOR PROGRAMS "NOW"

F 4, 37-4

DENIES CHGS THAT NBC DOMINATES ITS AFFILIATES
SAYS NAB LEADS NETWORKS IN 2 OF 3 RATINGS

S 27, 55-3

FOLLOWING IN FATHER'S FOOTSTEPS-LUB ECK

D 15, 5-3
D 28, 22-1

HITS PAY TV AS PERILOUS TO NETWORKS

MR 22, 37-3 1H

NYC-AMER.LEGION SAYS ABOVE TO GET ITS AMERICANISM AWARD
PITTS-SAYS PUBLIC LOSES ON PAY TV

S 11, 79-3

O 23, 39-2

ASKS U.S. BAN ON PAY TV
ELEC CHAIRMAN NBC BOARD
SAME

---1958--- JA 22, 21-3
JL 12, 1-8 MAIL
JL 13, C-21-5
S 2, 40-1

URGES NETWORKS TO ROTATE "LIVE" NEWS-HYPE

---1959--- MR 16, 15-4

CHICAGO-URGES BROADCASTING INDUSTRY TO BELIEVE ITS RIVALRIES LONG EN-
OUGH TO SELL ITSELF TO CRITICS WHO HAVE BRANDED IT MEDIOCRE
N 19, C-18-4

STATES THE CASE FOR TV INDUSTRY-JUDGE

---1960--- JA 23, A-8-4

MICH. COUNCIL, AMER. ASSN OF ADVERTISING AGENCIES, TO HEAR ABOVE SPEAK A
MEETING F 3RD IN DETROIT F 4, D-8-4
SPEAKS IN DETROIT TO MICH. COUNCIL OF AMER. ASSN OF ADVERTISING AGENCIES
IN DEFENSE OF TV-JUDGE Ap 22, A-17-4

NYC-TO HAVE RIVAL PRES. NOM. MEET FACE TO FACE ON TV SHOW "MEET THE PR-
ESS" AG 14, A-1-6

TO SPEAK AT LUNCHEON IN WHICH WWJ MARKS 40 YEARS ON AIR
AG 22, A-8-3

ADDRESS 40TH ANNIV. LUNCHEON OF WWJ-SAYS POLITICAL DEBATES TO AID VOTER
S-JUDGE O 6, C-14-3

SAYS BLAIR MOODY 1ST WHO THOUGHT UP PRESIDENTIAL CANDIDATES TV-RADIO
DEBATES N 18, B-6-6

ATTACKS AMERICAN BROADCASTING CO. PROGRAMING SYSTEM

SARNOFF, ROBERT W. : BROADCASTING EXECUTIVE: SON OF DAVID 1960

NYC-SEES DEMAND FOR FUTURE TV DEBATES BY PRESIDENTIAL CANDIDATES N 22, B-9-6
URGES CUT IN PRESIDENTIAL CAMPAIGN ---1961--- D 15, A-10-5
PROPOSED ADVERTISING RESEARCH FOUND. ESTABLISH TV RATINGS OFFICE AP 21, A-2-1
NYC-NRC'S RD. CHAIRMAN URGES SHORTER POLITICAL CONVENTIONS & PRESIDENTIAL CAMPAIGNS AG 24, C-11-3
BLASTS FCC CHR. NEWTON N. MINOW ON TV STATEMENT-J. HAYDEN D 11, A-22-7
RAPS WALL STREET JOURNAL PUBLISHER BERNARD KILGOREE FOR HIS VIEWS ON FREEDOM D 31, A-4-4
OPPOSES REGULATION OF NETWORKS ---1962--- JA 29, A-9-3
NY-URGES FREEDOM IN TV ENTERTAINMENT AT MEET OF NBC-TV AFFILIATES D 6, C-9-3
TO SPEAK S 16 TO DET TOP CORP. LEADERS AT ANNUAL DINNER OF TORCH DRIVE CORPORATE LEADERSHIP DIV AT COBO HALL S 12, D-9-3
SPOKE S16 AT UNITEF FOUNDATION BANQUET IN COBO HALL AT ANNUAL CORPORATE LEADERSHIP DINNER-LOCHBILLER S 17, B-1-1

	--1964--	D 3, A-7-1
TO ADDRESS ECONOMIC CLUB OF DET. DEC.7		D 8, C-10-3
SPOKE TO ECONOMIC CLUB OF DET D7, DET- SAID TV JOURNALISM MUST BE FREED		
OF "GOVT SHACKLES" UNDER WHICH IT NOW OPERATES--	JUDGE	
		D 9, B-22-1
ARNOFF'S TV NEWS' COVERAGE PLEA--	WHY SPECIAL TREATMENT?	EDIT.
	--1965--	S 5, D-6-6
BECOMES PRESIDENT OF RCA		D 14, C-9-4
NY-TO BE SUCCEEDED JAN 1 BY ROBERT E KINTNER		
	--1967--	O 15, F-5-1
LOS ANGELES--SAYS COMPUTER BASED INSTRUCTIONAL SYSTEMS WILL		
HELP PROVIDE BASIC EDUCATION FOR EVERYONE		
	--1969--	JE 8, A-17-4
LOS ANGELES--URGES MASSIVE REHABILITATION EFFORT BY AGENCY,		
INDUSTRY AND GOVERNMENT TO HELP THE JOBLESS--		
	--1974--	N 5, A-3-3
TO MARRY METROPOLITAN OPERA SINGER ANNA MOFFA, N14, IN NYC		
	--1975--	F 20, D-8-2
INTERVIEWED WHILE IN DET. F19 TO DEDICATE ARTS & CRAFTS SOCIETY		
BLOGS.--WILLCOX		
	---1975---	N6, D-9-1
TO RESIGN AS HEAD OF RCA.		

SARNDFF, SAUL:

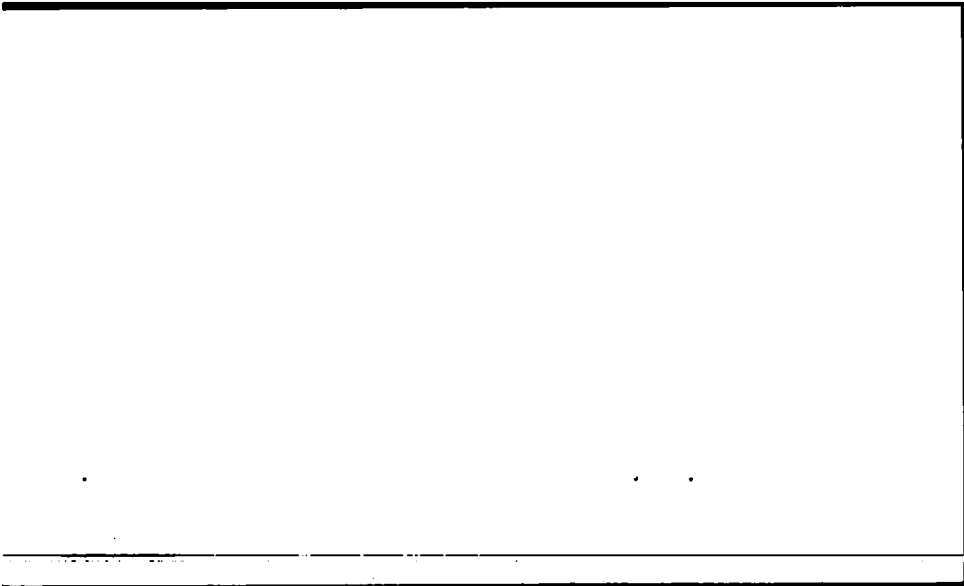
DETROIT ATTORNEY

1938

Form 1656

S 24,2-8

SENTC.FR 1 TO 14 YRS FOR FORGING CHECK FOR \$1,710.89



SARNOFF, THOMAS WARDEN:

NBC OFFICIAL

1955

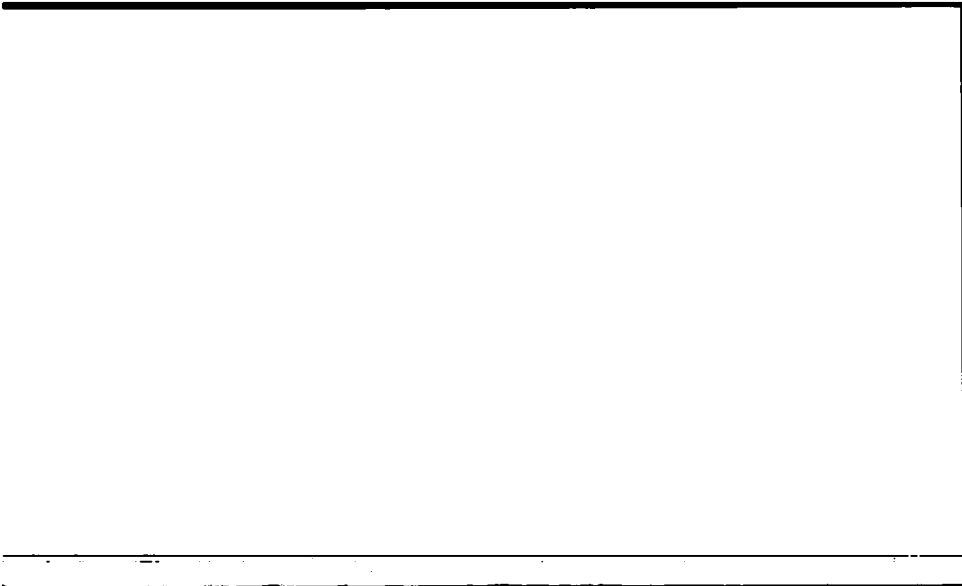
ABOVE & HIS NEW BRIDGE THE FORMER JANICE LONDON, SAIL FOR HAWAII FOR
HONEYMOON

MY 23, 24-1

-----1957----

JA 13, D-14-5

ELECTED VICE PRES. NBC



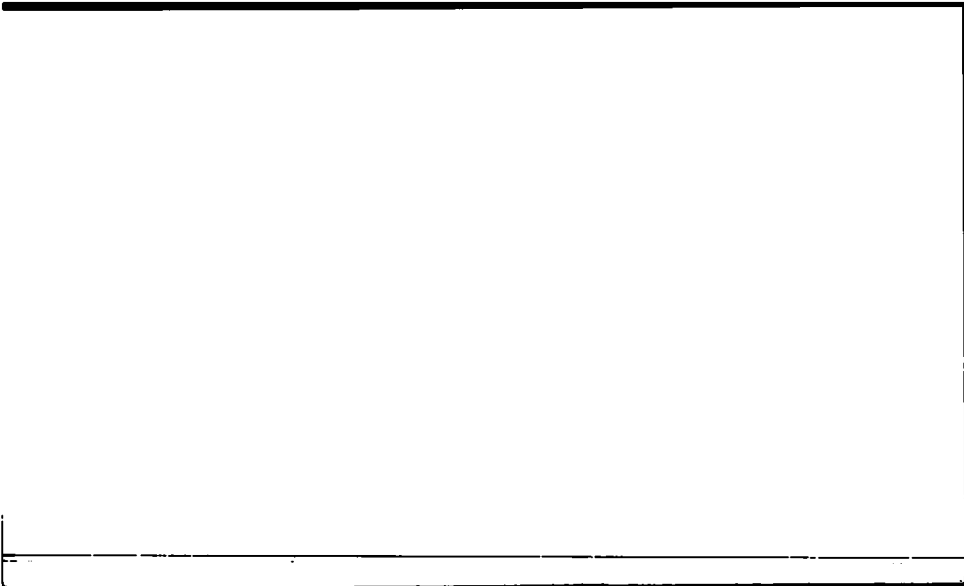
SARNOL, FRANK:

ROBBERY: FLINT, MICH.

1955

0 28, 54-6 1H

HELD FOR THEFT OF \$2,243 FR. REGENT THEATER



SARNOWSKI, BEN - DETROIT - SUSPECT

1934

Form 1656

0 7,1-1-3

HELD FOR B & E AS POLICE FOND STOLEN GOODS GROCERY
WARRANTS DUE

0 8,10-8 1 HOME

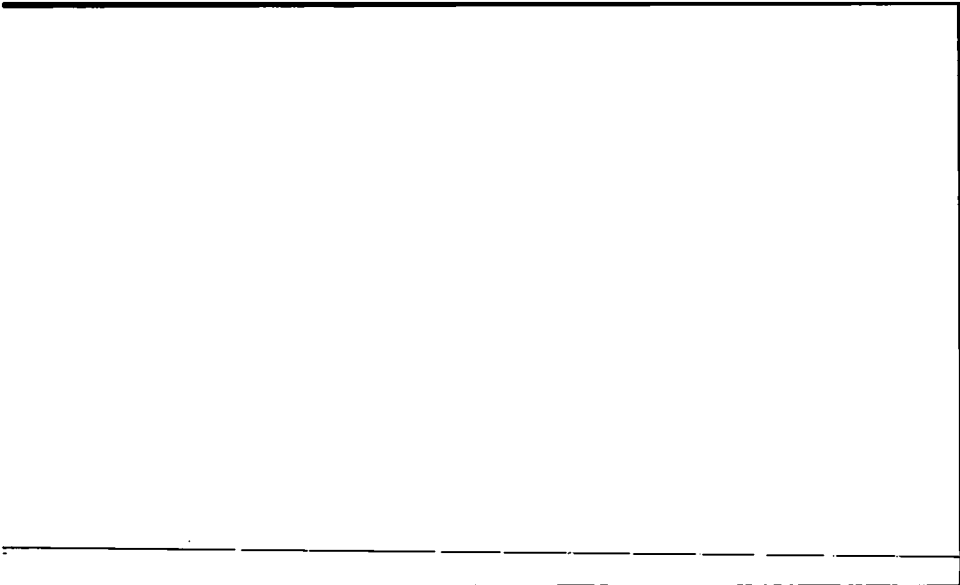


SARNOWSKI DENNIS: STABBED

1972

J A 13, A-11-1

STABBED TO DEATH DURING BAR DISPUTE ON MICHIGAN AVE.



SARNOWSKY, DENNIS F. : DETROIT : ROBBER

1967

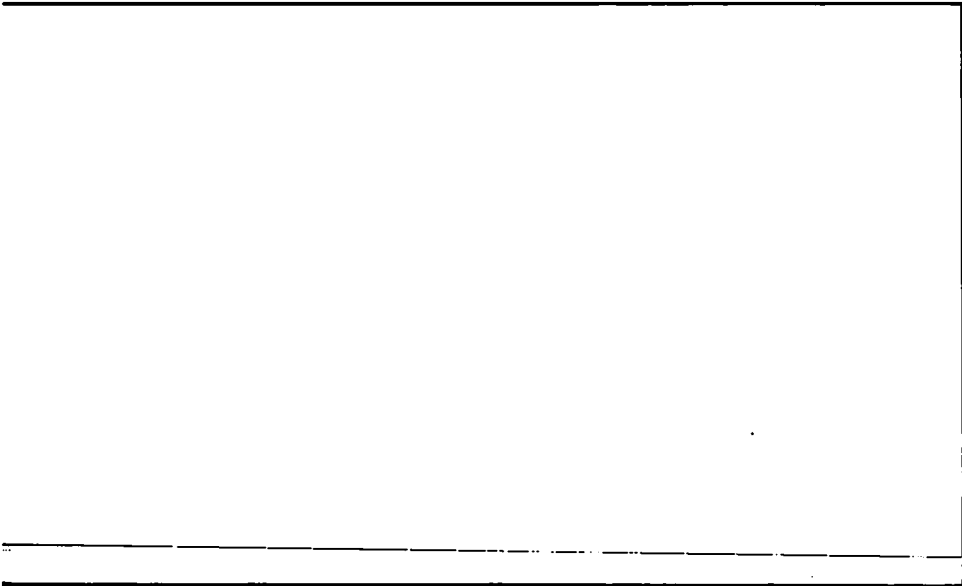
AP 18, A-12-1

BOUND OVER IN CIRCUIT CT.ON CHG. BREAKING INTO OFFICE OF
DR.KARL HANYI IN WESTLAND OFFICE

--1971--

JE 30,B-2-3 N

ARRESTED AT DODGE PARK NO 4 BY UNDERCOVER OFFICERS FROM
WATERFORD TWP ROB POLICE DEPT



SARNOWSKI, FRED - DETROIT - SUSPECT

1934

Form 1656

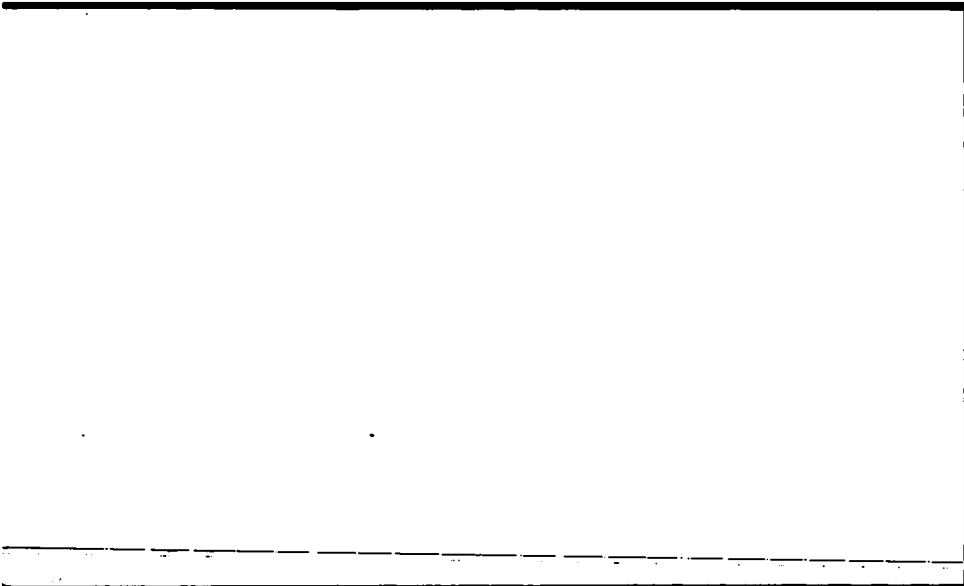
HELD FOR B & E AS POLICE FIND STOLEN GOODS GROCERY

O 7,1-1-3

---1935/---

JA 26, 21-5

SENTC. TO 5 TO 10 YRS, DET. HOUSE OF CORRECTION

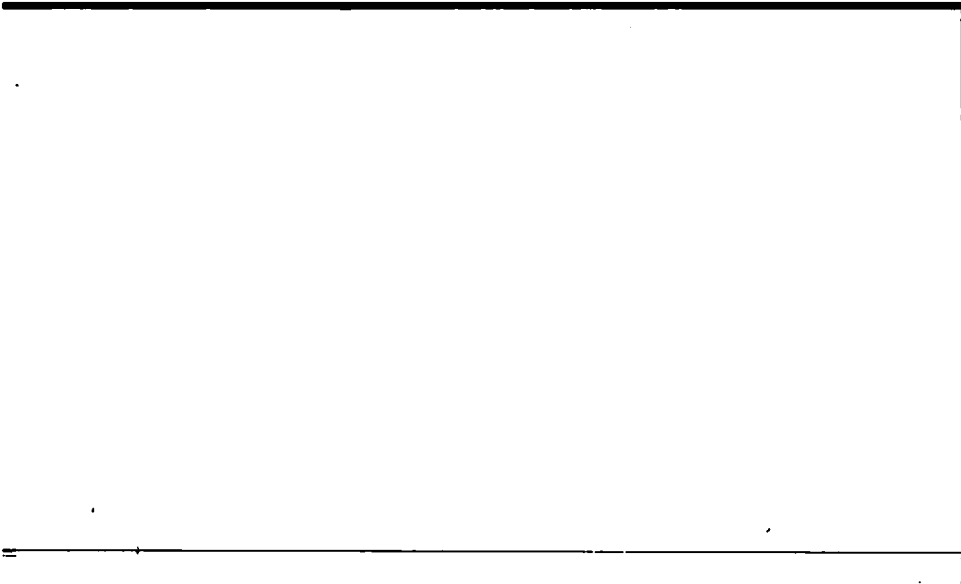


SARNOWSKI, LEONARD - DET SOLDIER

1944

KILLED, FRANCE

0 1, 4-9-5



1954

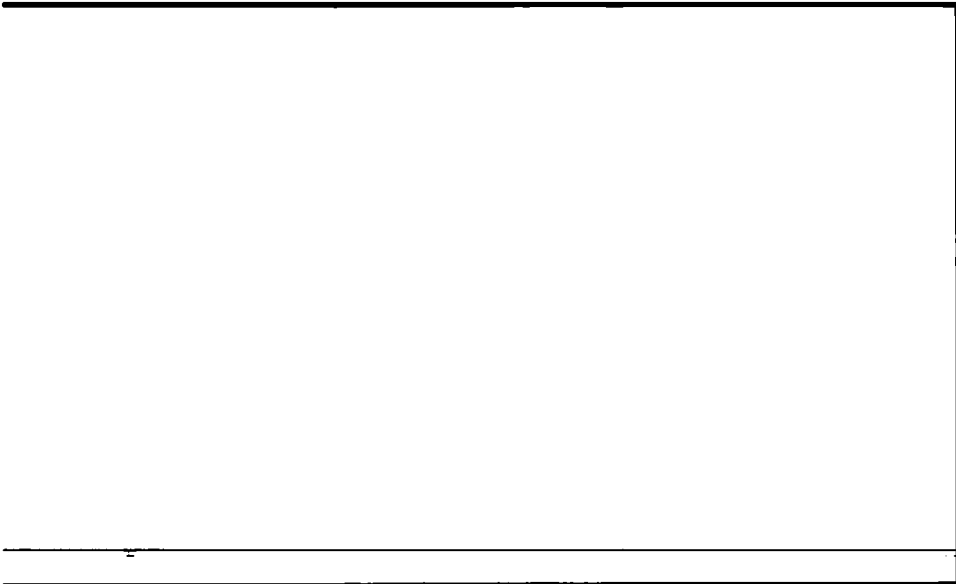
SARNOWSKI, WILLIAM: AUTO DEATH: MONROE, MICH.

My 16, 1-4-4

HELD FOR AUTO DEATH OF JAS. NUTT & HIS SON WM. IN AUTO CRASH

My 17, 49-6

HELD FOR DEATH OF 4 PERSONS IN 3 CAR CRASH NR MONROE

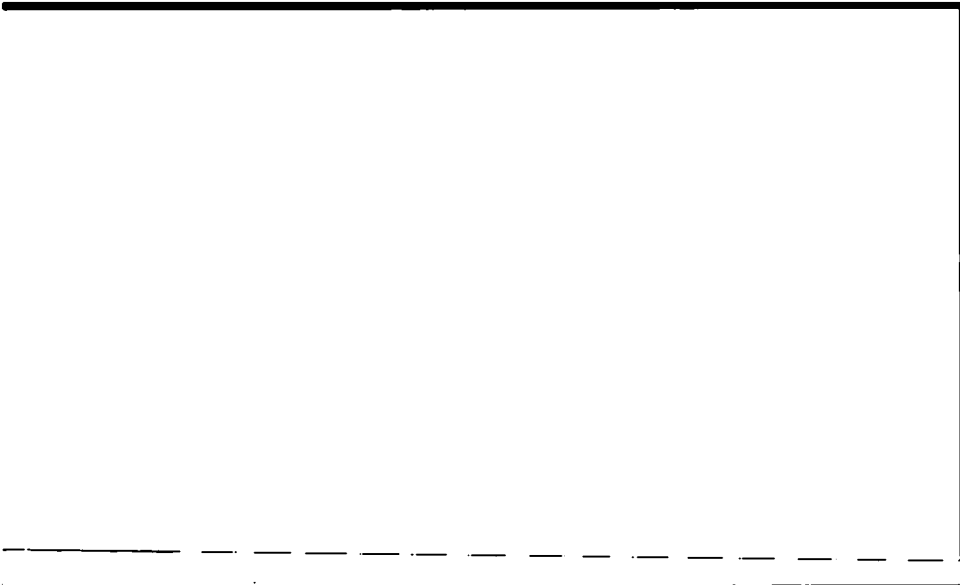


SARNS, DORIS : SKI RESORT OWNER

1984

JA 19, F-4-1D

HARBORSPRINGS-75, CO-FOUNDER OF SKI RESORT, NOW TEACHES HAN
DICAPPED TO RIDE HORSES-DAMMANN



SARNS, ROBERT:

POLIO VICTIM: REDFORD TWP, MICH

1958

ABOV'S "WALKING MACHINE" ENABLING HIM TO GET AROUND

N 2, ROTO 23

SAROKI, DAWOOD TOMA: STORE OWNER

1989

Je 20 B-3-1 N

Owner of liquor store in Farmington Hills, arrested for
distributing hard-core porn to kids

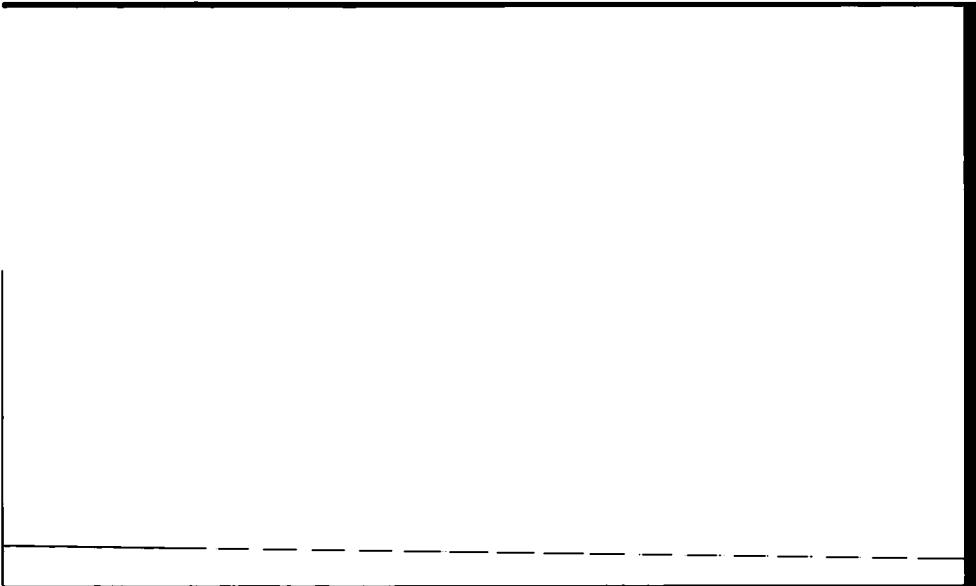


SAROKI, DOUG : GROCER

1983

S 21, F-8-1

LEADS DRIVE TO SAVE BRANCH LIBRARIES-SAWYERS

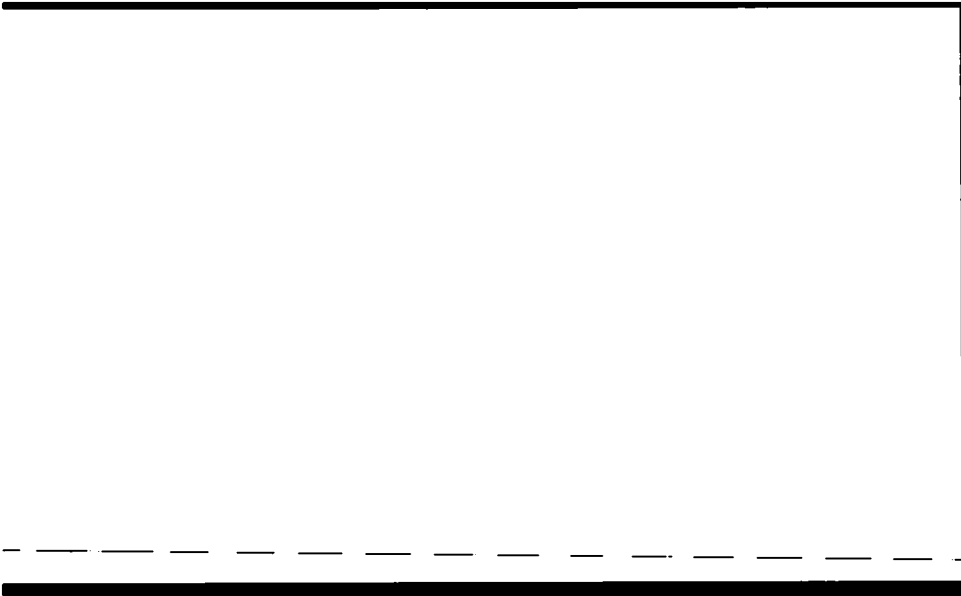


SAROLI, ARMAND DAVID : SHOOTING

1991

JL 26, B_3-2E

Age18 of Warren charged with attempted murder for shootin
6 shots at motor home with 20 aboard, at Lakeshore & 8Mi-
Greenwood



SAROLI, MARVIN: MURDERED

1968

WARREN-FOUND SHOT TO DEATH IN HOME OF PARENTS AFTER THEIR RETURN-HEMM
MEN
POLICE INWARREN SEEKING ABOVE FRIENDJUDY WHO COULD PROVIDE INFORMATION
ON HIS OTHER ACQUAINTANCES

0 21, A-3-1

0 22, A-19-1

0 23, A-6-4

WARRE-POLICE SEEKING GIRL NAME JUDY IN HOPES SHE CAN PROVIDE INFORMA-
TION IN SOLVING ABOVE KILLING

0 25, B-13-3

FRIEND JUDY QUIZZED CONCERNING DEATH

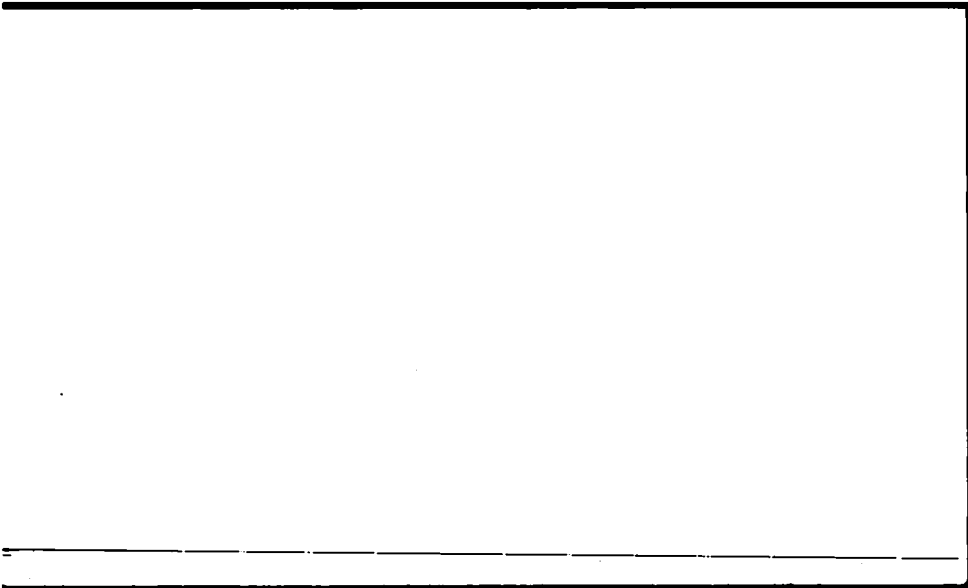
----1969----

JA 30, E-1-1 26

WARREN- PEOPLE WHO ATTENDED ABOVE'S PARTY NITE BEFORE HIS
DEATH ARE SOUGHT FOR QUESTIONING FOR MURDER CLUES.-HEMMEN.

F 24, B-3-2

MM F MAKIN JR HUNTED IN DEATH ABOVE-HEMMEN



1975

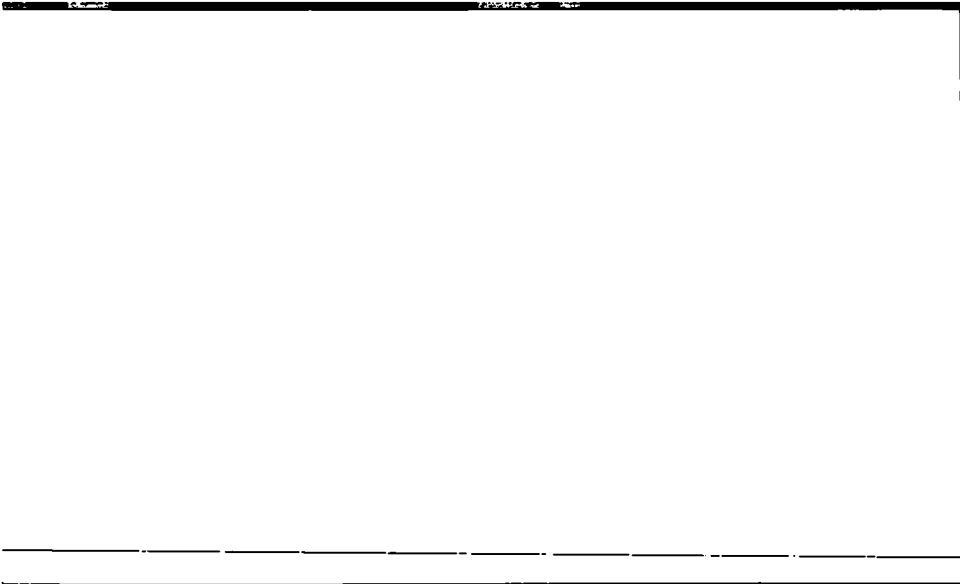
SAROS, JAMES: LAWSUIT

JE19, D-2-1

INJURED IN CAR ACC. IN 71' DUE T O MISPLACED CITY TRAFFIC
SIGN.WILL COLLECT \$125,000 FR.CITY IN OUT OF CT. SETTLE-
MENT.-ASHEFELTER.

JE 21, A-7-1

PAID BY CITY



SAROS, JAMES - AMERICAN FEDERATION OF PHYSICALLY HANDICAPPED 1951

NAMED PRES OF DET LODGE, 72, ABOVE

F 27, B-4

--1960--

F 8, A-1-1LF

**BRANDS AS VENGEFUL" RECENT RASH OF BUILDING INSPECTIONS
IN GREEK COFFEE HOUSE AREA ORDERED BY MAYOR MIRANI-SIMMONS.**

F9, A-15-1

**SAYS HE BACKS CITY WAR ON GAMBLING BUT NOT HARSH TREAT-
MENT OF GREEK TOWN. SIMMONS.**

---1977--- JE 30, A-14-2

**HIS SPECIAL CUSTOMIZED VAN WITH ELECTRIC WHEELCHAIR LIFT
STOLEN FROM BEHIND HIS OFFICE, RECOVERED STRIPPED-SINGLAIR**

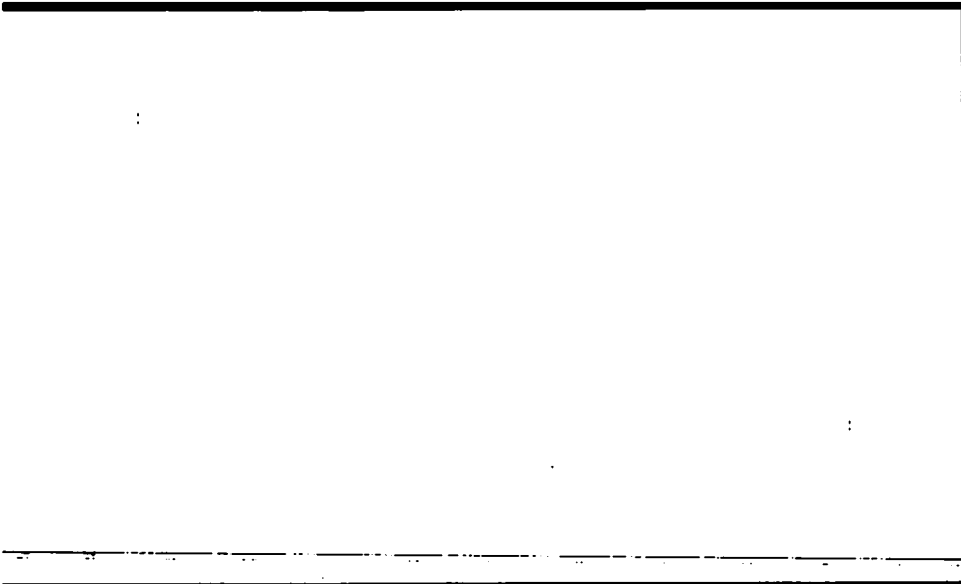
JL 10, A-2-2

VAN BEING REFITTED WITH SPECIAL GEAR AFTER XENX THEFT JE 18

-1983-

S 14, F-8-1

AGE 69 DIED S 11

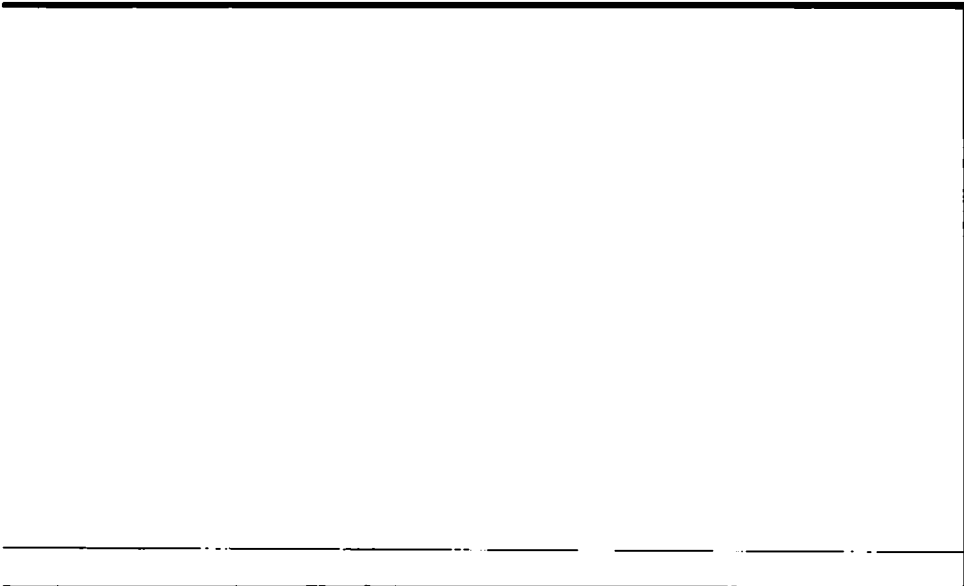


SAROS: JIM: REAL ESTATE DEVELOPMENT

1989

Jl 24 D 1-1

Kirk Gibson expands holdings of real estate in Met Det
Saros is his Grosse Pointe real estate development partner
-Markiewicz

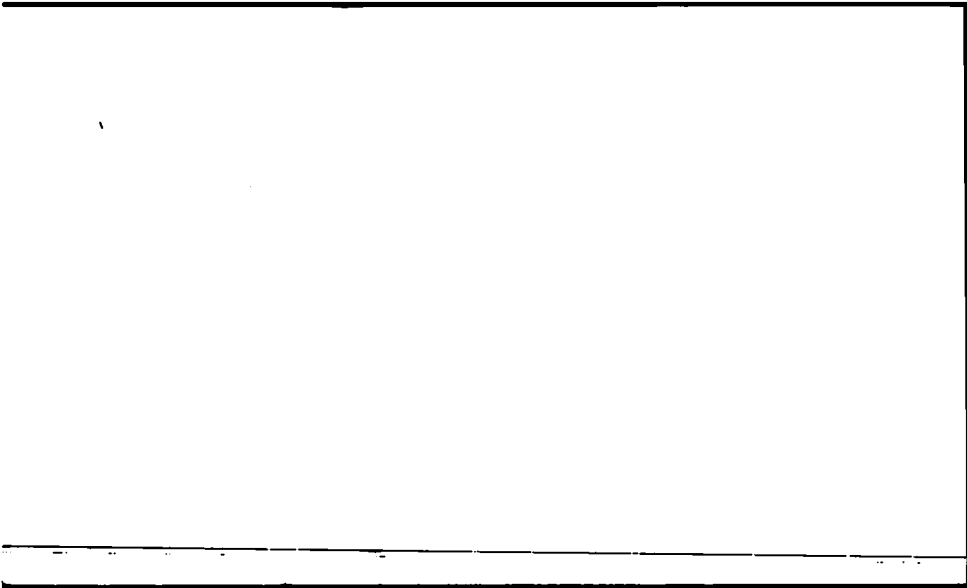


SAROS, PVT. NICK G. : DETROIT SOLDIER

1943

KILLED IN ACTION IN NEW GUINEA Form 1656
---1948---
BODY RETURNED FOR REBURIAL JULY 3

F 28, 5-23-7
JE 30, 41-2

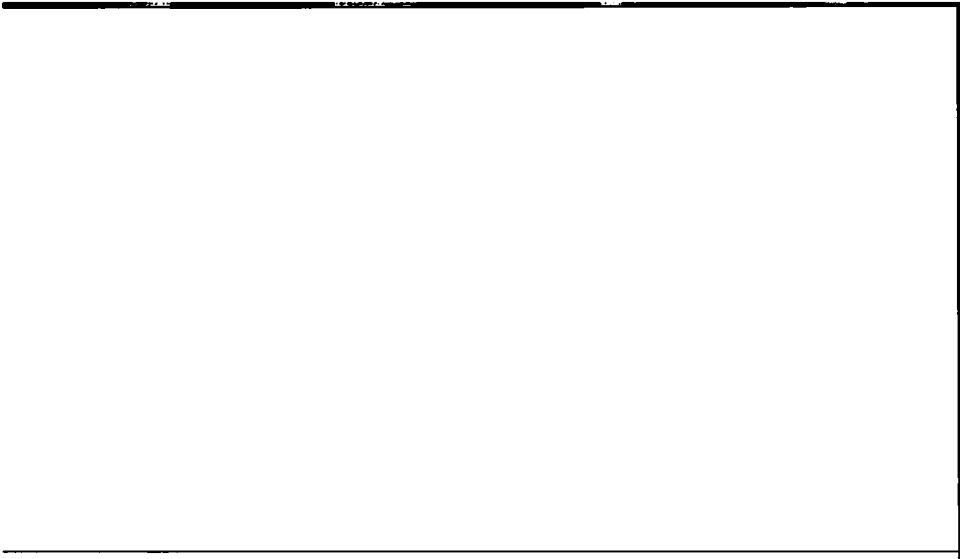


SARO_WIWA, KEN : PLAYWRIGHT

1995

N 12 A-5-4

Western and African leaders denounced Nigeria's military rulers for execution of above and eight other anti-government activists

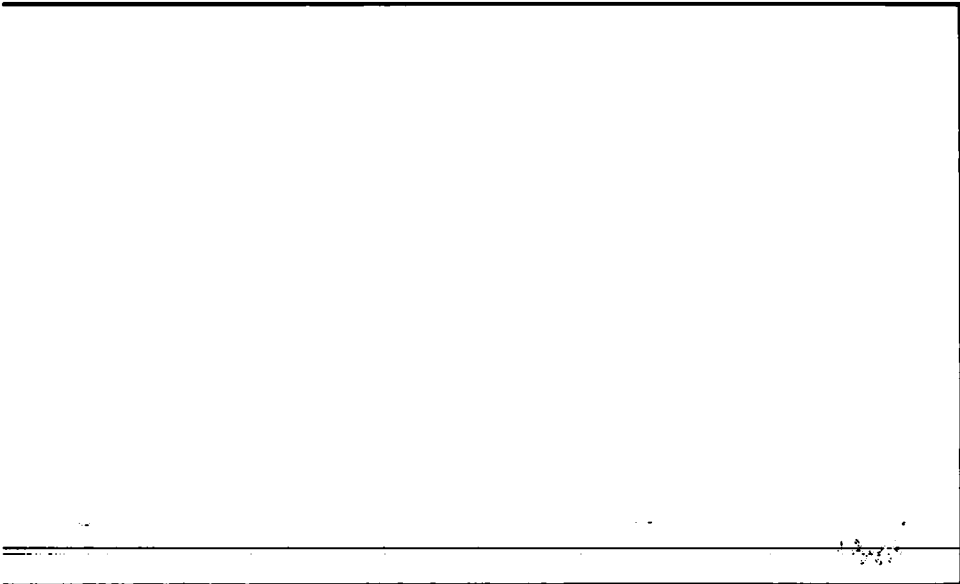


SAROYAN, DON - ACTOR

1962

S 26, A-3-8

LAS VEGAS-COMEDIENNE CAROL BURNETT GRANTED DIVORCE FROM ABOVE



SAROYAN, WILLIAM - PLAYWRIGHT

1940

Form 1656

AWARDED \$1,000 PUTLITZER PRIZE FOR PLAY "THE TIME OF YOUR LIFE"

MY 7, 12-4

---1941---

JA 12, 1-4-8

NAMED BY FUTURE MAGAZINE AS 1 OF 10 OUTSTANDING YOUNGMEN OF 1940

JA 13, 14-1

WRITES ARTICLE IN VARIETY IN HIS ACCUSTOMED VEIN ON ITALY-EDIT

AG 6, 8-7

OFFERS PLAY "THE TIME OF YOUR LIFE" MOVIE RIGHTS TO ANY COMPANY WILLING TO FILM IT WITH SERVICES DONATED, FOR NATL. DEFENSE

---1942---

JL 21, 2-4 BSMD

PLACED IN CLASS 1-A BY DRAFT BOARD

JL 22, 1-7 NIF

SEEKS DRAFT DEFERMENT FOR ART, AFTER 1-A CLASSIFICATION

JL 30, 11-2

PASSES PHYSICAL TEST OF DRAFT BD. DOCTOR

N , 1-11-7 2*

SAYS ARMY LIFE WILL PERMIT HIM TO WRITE GREATEST WAR NOVEL

---1943---

F 25, 38-5

MARRIES CAROL MARCUS, DAU. OF CHAS., OF SENDIX CORP.

---1945---

JE 14, 23-3

IN TACOMA ARMY HOSPITAL WITH LEG INJURY

---1948---

JE 20, 1-11-3

WRITES CANDID STYLE AD RER TO SELL HIS RANCH

JL 11, 1-1-1

SUED FOR DIVORCE BY WIFE, CAROL

---1948--- JL 15, 18-2
 WIFE DROPS DIVORCE ACTION N 14, 15-8
 ---1949--- N 17, 11-8
 WEEKS DIVORCE FR WIFE CAROL-LAS VEGAS-
 WIFE OBTAINS DIVORCE FR ABOVE ON CRUELTY CHG
 ---1951--- MR 22, 17-7
 TAKES OUT LICENSE TO REVED CAROL STUART "ARCUS"
 ---1952--- JA 5, 13-7
 WIFE AGREES ON PROPERTY SETTLEMENT IN DIVORCE ACTION JA 12, 13-7
 SLAPPED BY ACTOR JAMES MASON IN HOLLYED MOVIE HOUSE JA 27, 1-10-5
 PREPARED TODAY FOR 2ND DIVORCE PAPERS FR CAROL MARCUS MR 7, 15-3
 WIFE GRANTED DIVORCE AP 28, 26-3
 & FORMER WIFE SUED BY MARTA EGGERT FOR DAMAGES TO RENTED HOUSE
 ---1953--- MR 26, 37-2
 JOINS WITH DIVORCED WIFE, CAROL, TO ANSWER CHARGES OF ERNEST SECHY
 THAT THEY LEFT RENTED HOUSE IN TERRIBLE CONDITION
 ---1959--- F 19, 52-2
 NYC-TO LEAVE FOR YUGOSLAVIA, OWNS \$30,000 IN INCOME TAX, MAY QUIT U.S. FOR
 GOOD AG 11, 23-7
 LOS ANGELES-GOV'T SUES ABOVE FOR \$20,000 IN INCOME TAXES P 7, A-12-2 1H
 ---1960---
 LONDON-PRESENTS NEW COMEDY HERE ENTITLED "SAM-THE HIGHEST JUMPER OF THEM
 ALL"-POUTREAU D 2, 9-7-7
 ---1961---
 LAFYETTE, IND.-PLAY PREMIERED HERE CALLED "HIGH TIME ALONG WABASH"

1969

SAROYAN, WILLIAM - PLAYWRIGHT

EXCERPTS FROM "LETTERS FROM 74 REU TAITBOUT" APPEAR IN DET.
NEWS -1981- AP 13, ROTO 27
AP 23, A-3-1

SUFFERED STROKE IN HIS HOME.

OBIT-AGE 72, DIED MY 18-COOK

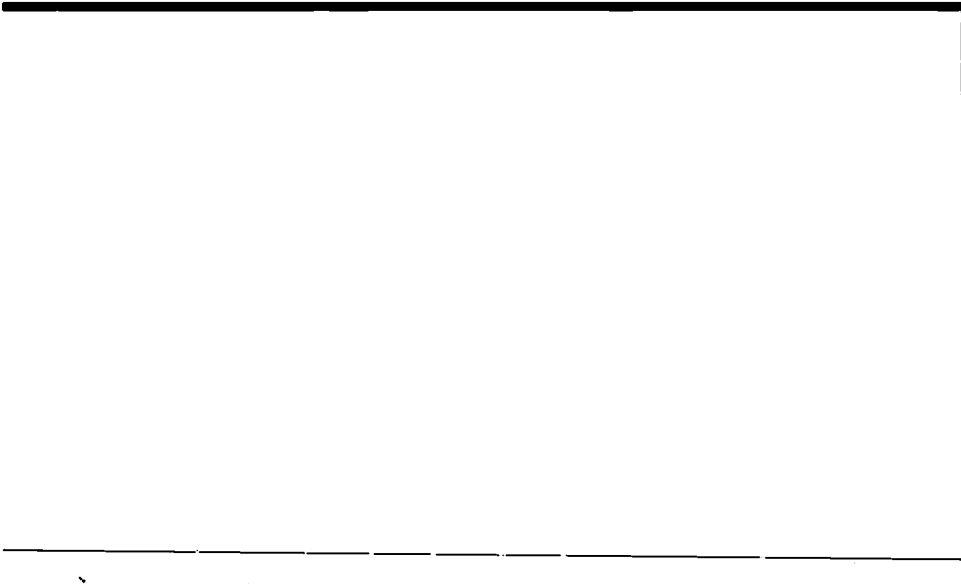
WILLIAM SAROYAN-EDIT

PROLOGUE TO THE TIME OF YOUR LIFE

MY 19, A-1-5

MY 20, A-14-1

MY 24, E-1-1

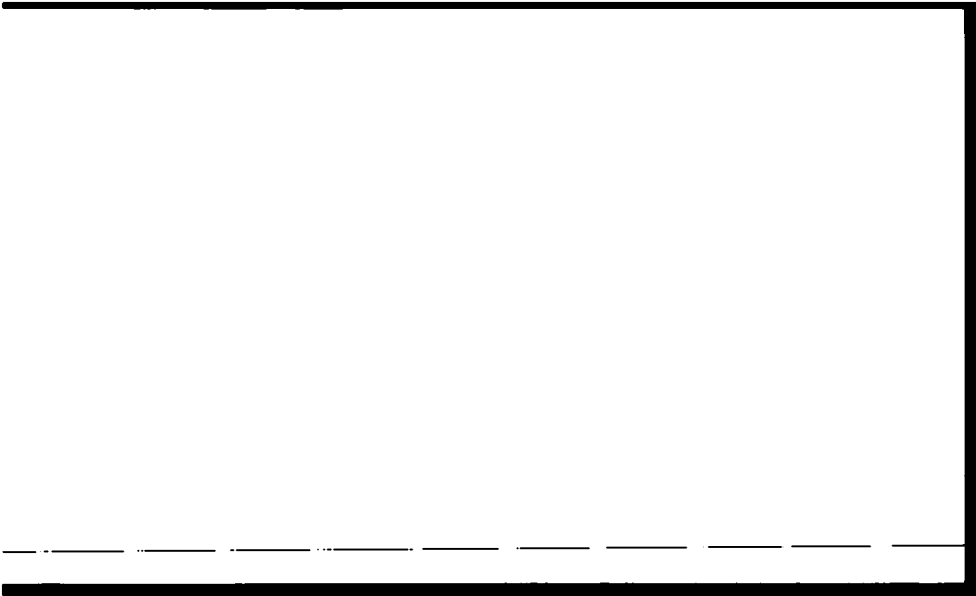


1982

SAROZEK, NARCY : ROBBERY VICTIM

JL 30, A-3-2

CAR STOLEN FROM WISCONSIN COUPLE DURING VISIT TO RENCEN. FINE
DETROITERS COME TO THEIR AID-MYERS



1972

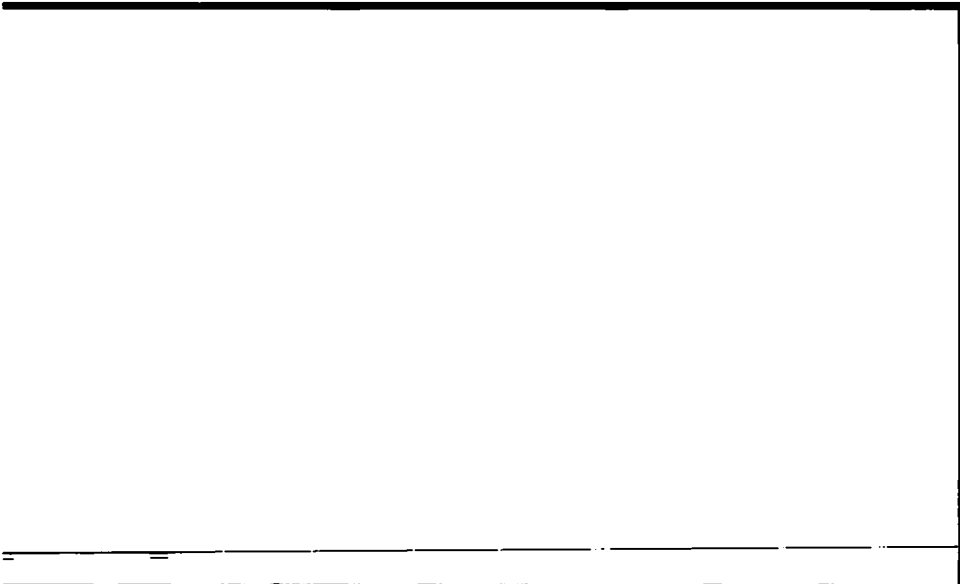
SARP, MONIKA - BEAUTY

JE 21, A-8-1

LISBON-NAMED MISSEUROPE OF 1972

JE22, A-12-4

CROWNED MISS EUROPE OF 1972 IN COMPETITION WITH TWO
DOZEN ENTRANTS ~~BR~~ AT LISBON



SARPOLUS, SAM : ST. CLAIR, MICHIGAN: ARMY AIR FORCES

1943

Form 1656

MR 19, 10-4

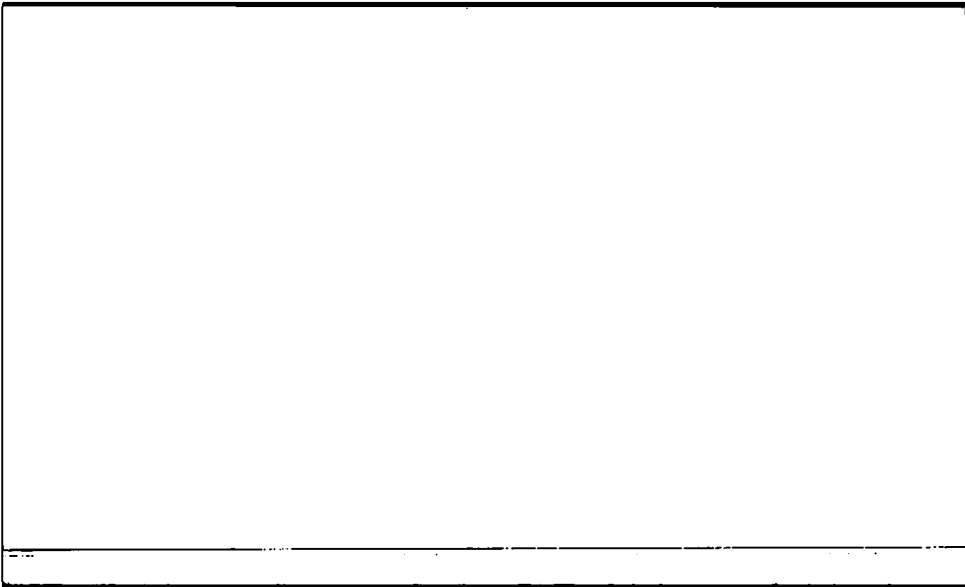
STUCK TO GUNS IN TAIL OF FLYING FORBRESS AFTER NAZI PLANE CUT REAR
FUSELAGE IN HALF
WOUNDED IN ACTION

JE 19, 19-1

---1945---

AP 18, 8-5

NOW DISCHARGED FROM SERVICE; RECEIVES AIR MEDAL AT SELFRIDGE FIELD CEREMONY



SARPOLUS

SEE

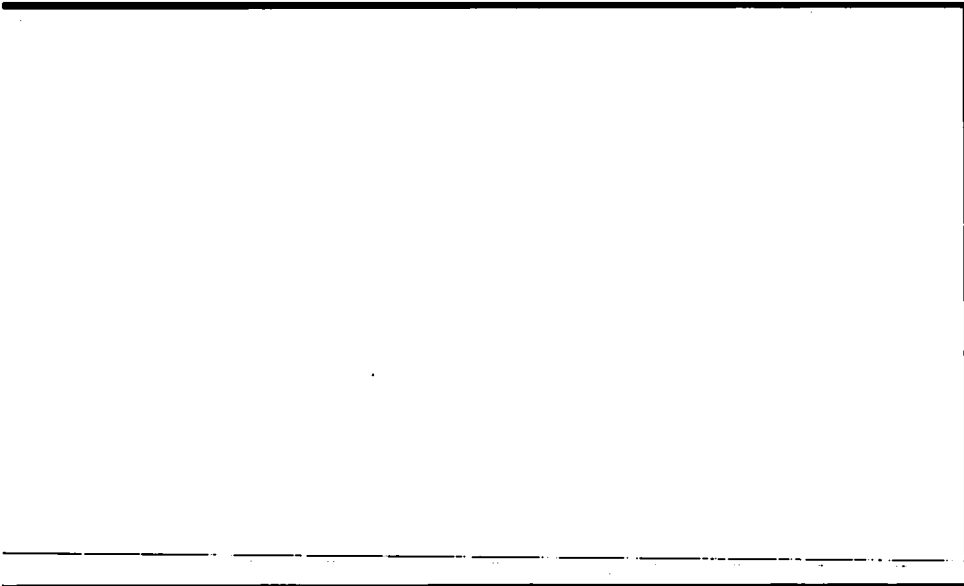
SARPOLIS

SARRA, PETER - DET SOLDIER

1945

AP 12, 25-5

WOUNDED



1949

SARRACH, JEROME : MEMBER WHITE CAP GANG

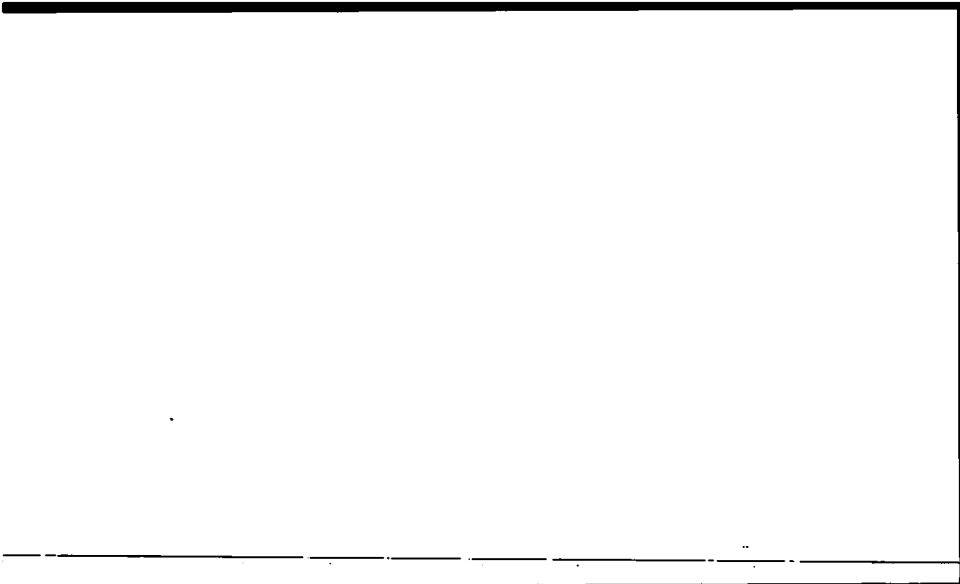
AG 9, 16-2

PUT ON 6 MOS.PROBATION FOR DISTURBING PEACE

---1950---

JL 18, 19-2

ARRESTED FOR AUTO THEFT



SARACINI, GERALD.

ACTOR: CANADA

1957

D 26, 1-5 5*

NYC-QUIT; DIES TODAY OF INJURIES SUFFERED IN CHRISTMAS EVE BEATING

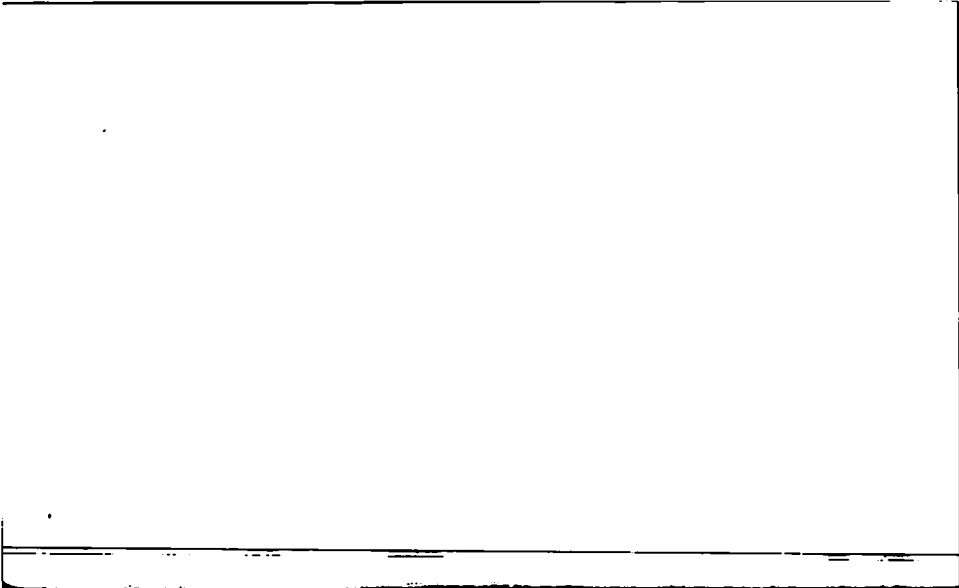
D 27, 19-2

NYC-MONROE GIBSON HELD IN FATAL BEATING OF ABOVE

-----1958-----

JA 21, 14-6

NYC-GRAND JURY HOLDS MONROE GIBSON BLAMELESS IN MURDER OF ABOVE



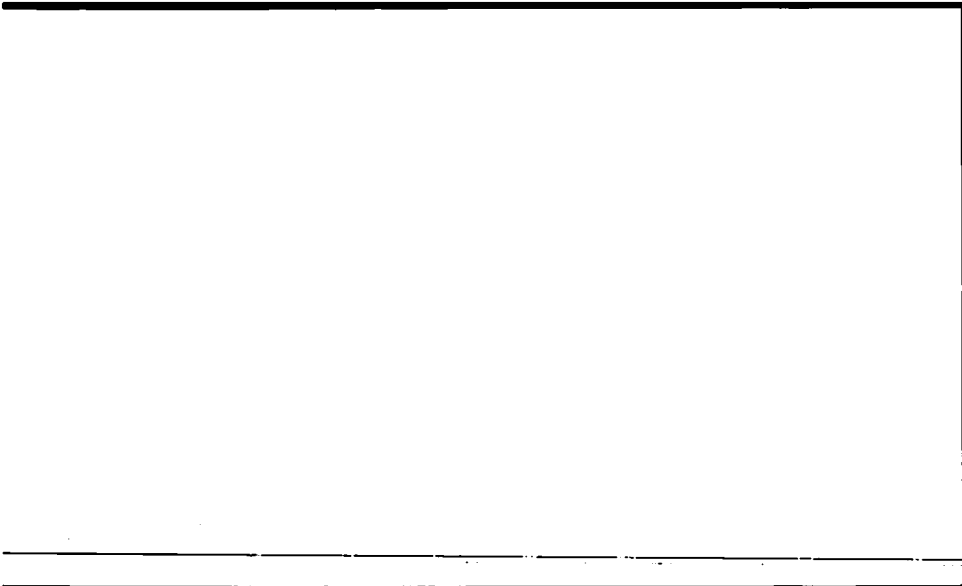
SAPPACINO, ROBERT

GAMBLER: DETROIT

1957

D 11, 13-1

JAILED IN DETROIT POLICE GAMBLING RAID



SARRAUT, ALBERT - FRENCH STATESMAN

1928

Form 1656

The Detroit News

S 9,12-7-2

PREDICTS TROUBLE WHITE & COLORED RACES IN THIS CENTURY

---1933---

O 25,15-2

ACCPETS APPT AS PREMIER OF FRANCE; STARTS WORK ON NEW CABINET

O 26,2-8 WSC

NAMES OF NEW CABINET MEMBERS, AS UNOFFICIALLY ANNOUNCED

O 29,1-3-1

STORY OF LIFE-PLAYER

N 3,1-5

NEW POLICY LEANS TO NRA IDEA

N 24,31-1

OVERTHROWN BY CHAMBER IN VOTE ON TRIVIAL ISSUE; SEEK NEW PREMIER

---1934---

O 11,37-2-CS

RESIGNS AS MINISTER OF THE INTERIOR

---1936---

JA 24,4-6

FORMS CABINET TO SUCCEED LAVALL

JA 30,2-5

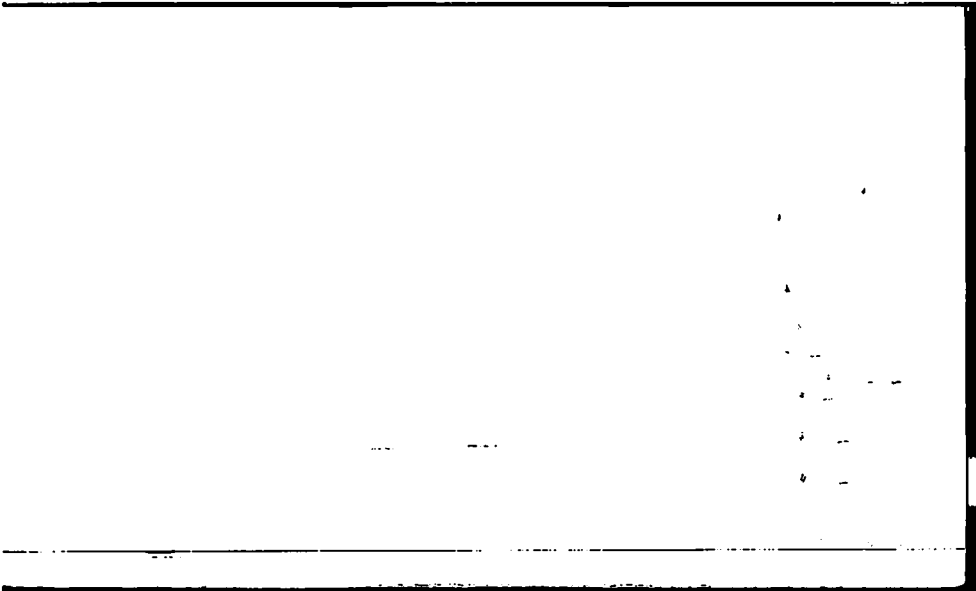
SAYS FRANCE WILL STAND BY BRITAIN ON PEACE OF EUROPE

K JA 31,1-2 BLS

WINS VOTE OF CONFIDENCE JA 31

AG 27,12-1

SKYS NOW WHOLE WORLD IS IN DANGER OF WAR



1933

SARREJANI, GEORGE A - FRENCH SLAYER

Form 1656
CONVICTED OF 5 MURDERS

The Detroit News

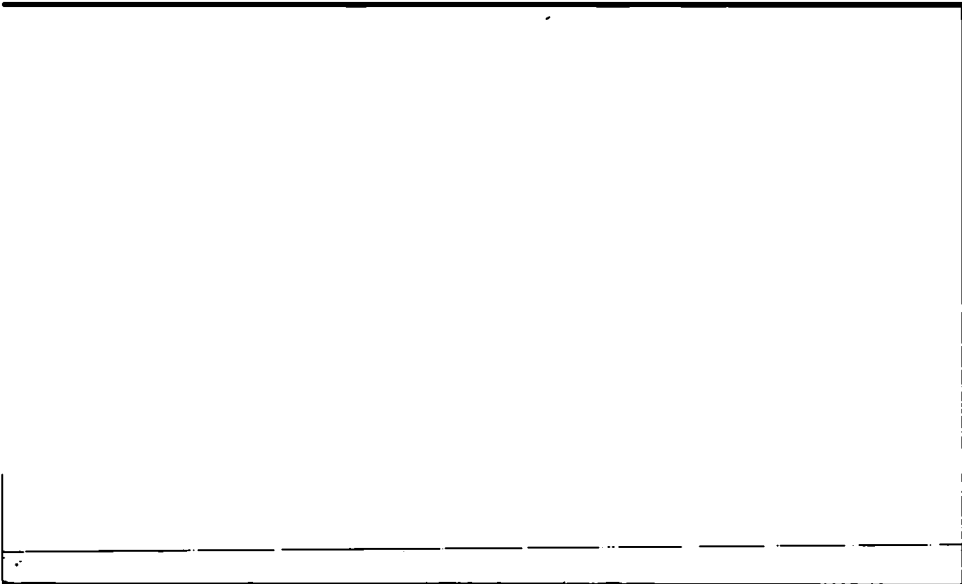
O 31, 1-6 CS

SARREL, JOHNNY: ROBBER

1969

F12. B-18-1

ABOVE AND 2 COMPANIONS NABBED BY POLICE MINUTES AFTER
ROBBING A CENTER LINE HARDWARE STORE.

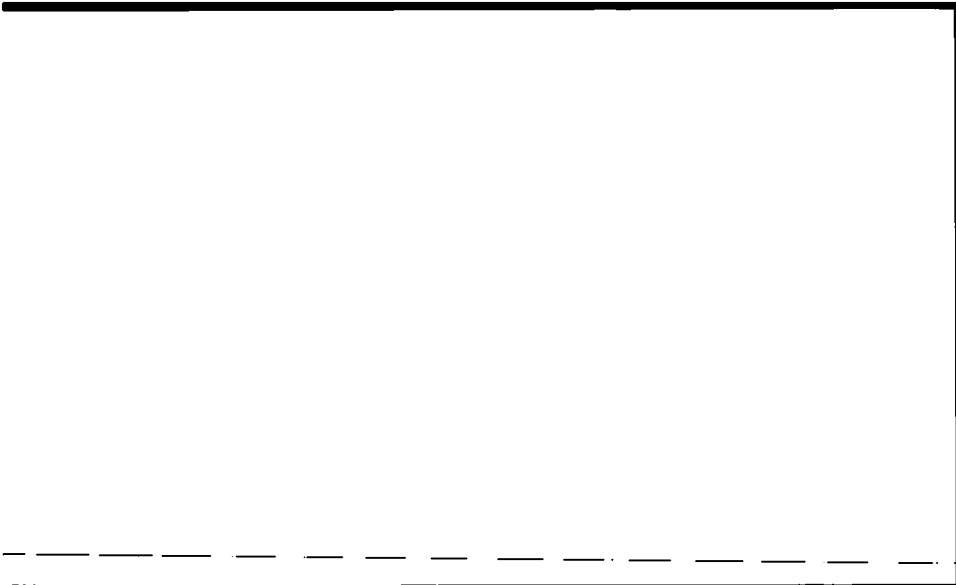


SARREL, DR PHILLIP M : PROFESSOR

1984

JE 17, F-2-3

SEX EXPERT DISCUSSES NEW SEX STANDARDS AND MORES



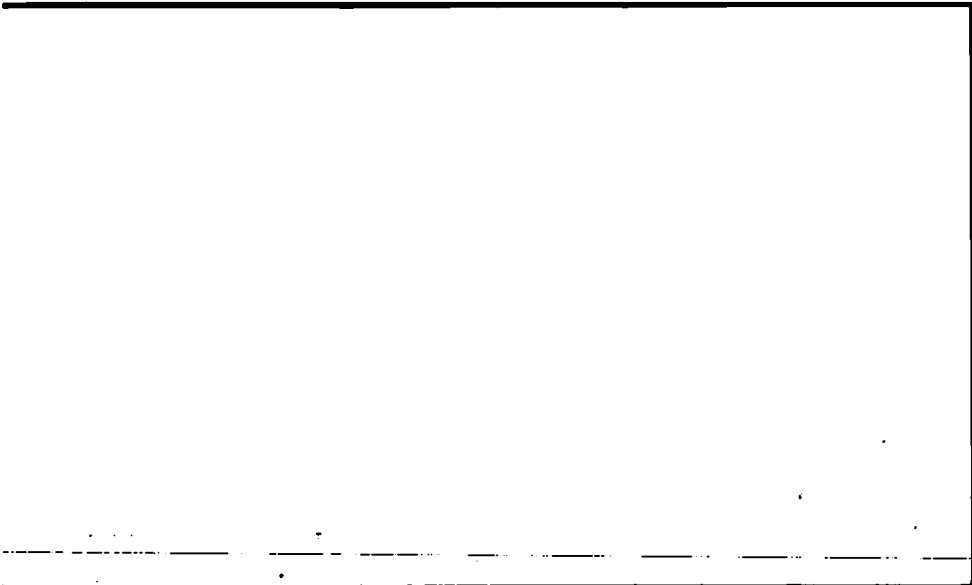
SARRETT, GEORGES - FRENCH BLUEBEARD

1934

Form 1656

AP 9,1-6

TO BE EXECUTED AT DAWN AP 10



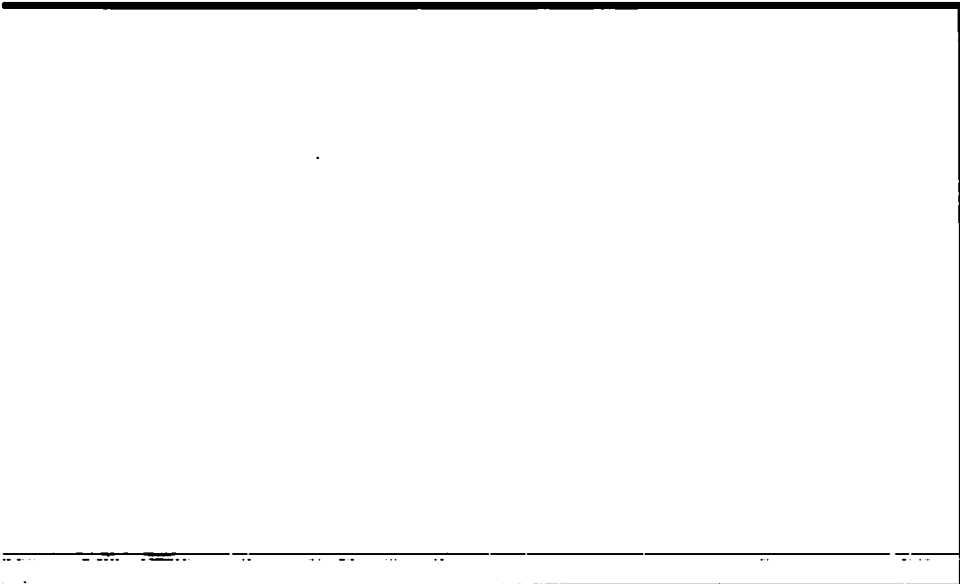
SARPI, GILBERT M.: ASSAULT CHG.: DETROIT

1954

ABOVE, 20, JAILED FOR STREET FIGHT
SENT TO 6 MOS PROBATION FOR STR ET FIGHT

MY 3, 1-3-6

JE 24, 21-2



SARRI, DR. ROSEMARY C.: EDUCATOR

1973

AP19, A-28-1

**IS DIRECTOR OF UOFM PROGRAM CALLED NATIONAL ASSESSMENT OF
JUVENILE CORRECTIONS---CRAIG**

JE 11, A-7-1

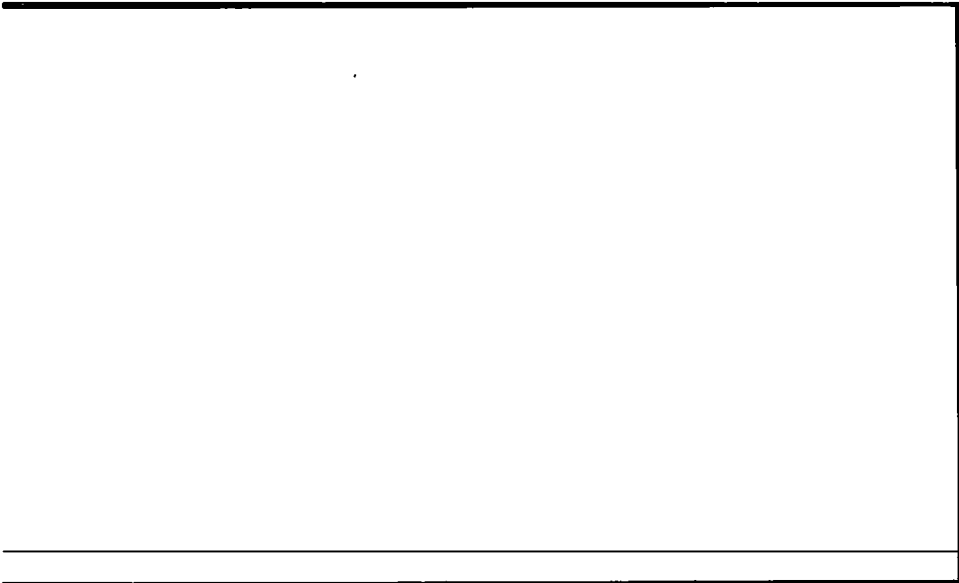
U-M SOCIOLOGIST ATTACKS JAILING OF JUVENILE OFFENDERS.

S 11, A-1-2

**& GIRL LYNN, 16, TESTIFY BEFORE SENATE SUBCOMM PROBING FREQUE
NCY AND ASSOCIATED PROBLEMS OF PUTTING JUVENILE DELINQUENTS
INTO ADULT JAILS. RYAN --1975--**

JE 8, D-2-1

**WY-REPORTS OF JAILING OF CHILDREN ON INCREASE, GIRLS FOR
LONGER PERIODS OF TIME THAN BOYS-WYKERT**

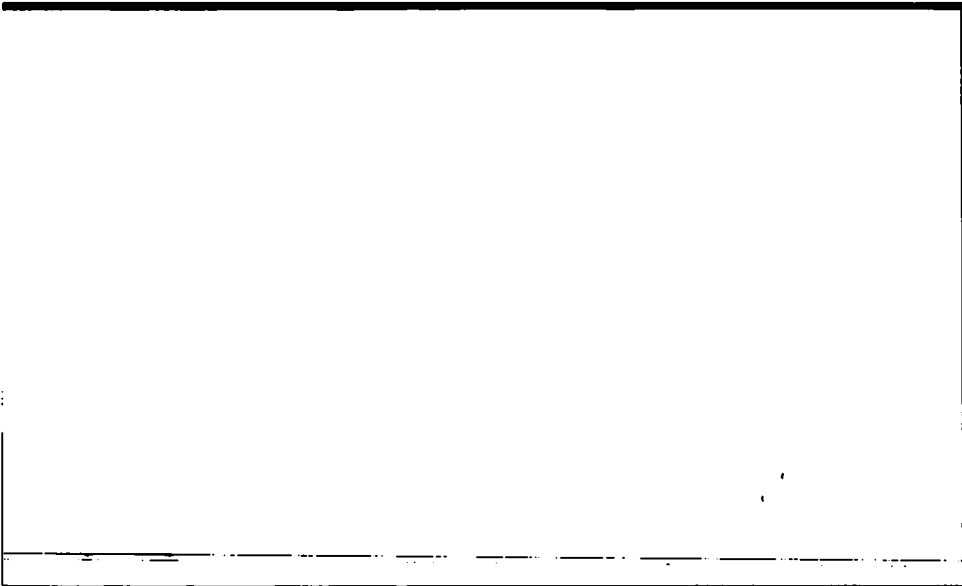


1946

SARRINGHAUS, PAUL - FOOTBALL

ACQUIRED BY DETROIT LIONS
DET LIONS ASKS WIVERS FOR ABOVE-GREENE

0 8, 21-4
0 13, 21-4

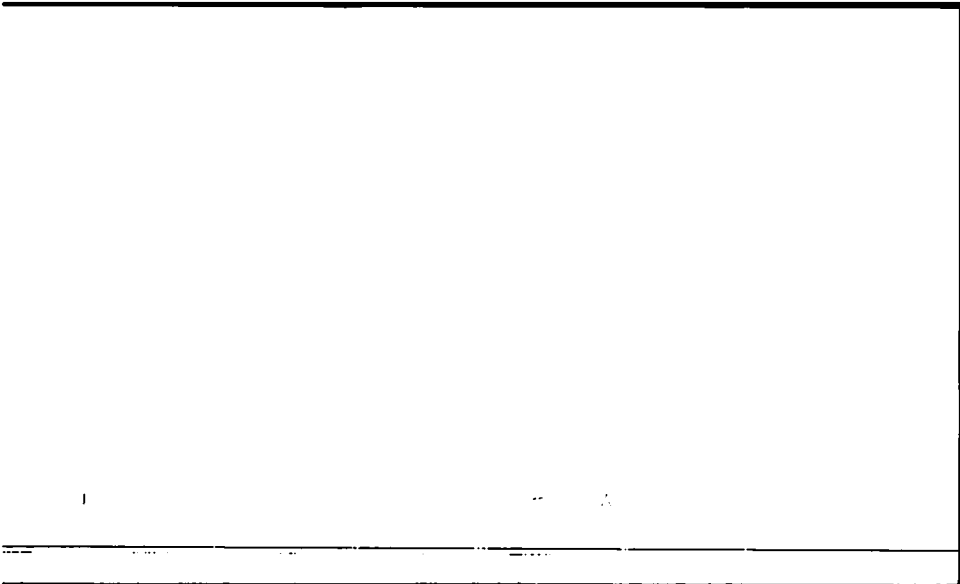


SARRIS, CHRIS - LINCOLN PARK MERCHANT

1957

AP 20, 6-4

OLD MINERAL SPRING SMELLS UP HIS STORE-DOWDY



SARRIS, HARRY: BANK ROBBER CHARGE

--1948---

1656

JE 10, 60-1

ARRESTED NEAR JACKSON FOR ROUGE BANK ROBBERY---JE 11, 3-2

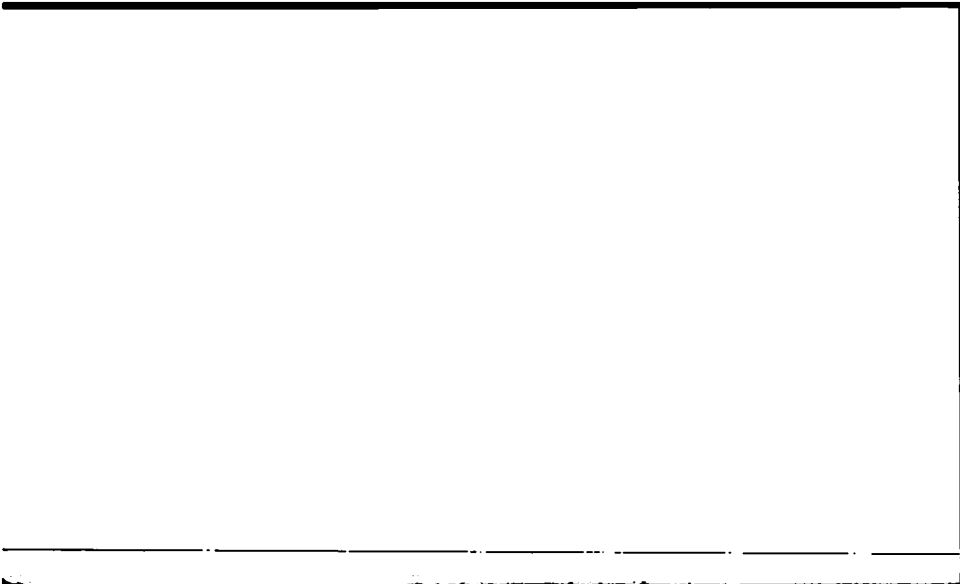
HELD IN HOLDUP DOWN RIVER FEDERAL SAVINGS BANK

JE 18, 4-ARS2

PLEADS GUILTY TO ROUGE BANK ROBBERY---

JE 30, 9-3

SENTENCED TO 20YRS. IN FEDERAL PRISON---



SARRIS, JAMES - DETROIT TRUCK DRIVER

1951

FIRE HOME TAKES LIVES HIS 3 SMALL DAUGHTER: ABOVE HELD

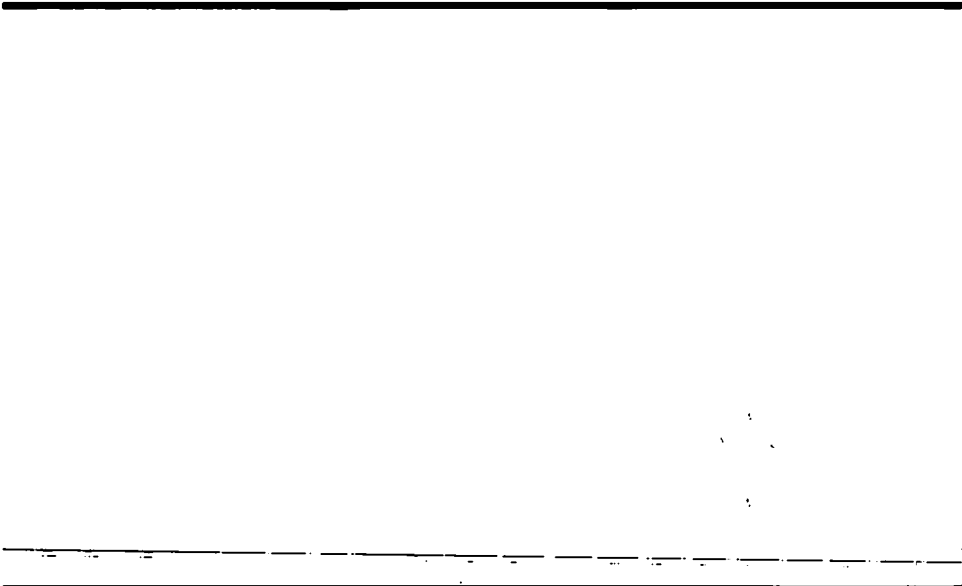
AG 1, 1-8

REVEALS STORY OF DRINKING PRIOR TO FIRE
FLAT IRON MAY HAVE CAUSED FIRE SAYS WIFE ABOVE
DEATHS LAID TO IRON, PLUGGED IN BY MISTAKE

AG 2, 21-2

AG 3, 8-3

AG 4, 1-4



SARRIS, SHARON : GM EXECUTIVE

1994

J1 7 B 3-6 NE

Was removed from Warren's DDA by Mayor Bonkowski when GM
land deal didn't come about.

1744

SARRON, PETER: BOXER

1936

Form 1656

MY 12,21-4

DEEATED FREDDIE MILLER FOR WORLD'S FEATHERWEIGHT TITLE MAY 11

--1937--

S 5,4-5-6

DEFEATS FREDDIE MILLER TO RETAIN TITLE

O 24,4-1-8-1 *-MO

GIVES BOXERS A TIP, GO TO SOUTH AFRICA TO GET RICH QUICK

--1939--

AG 2,23-8

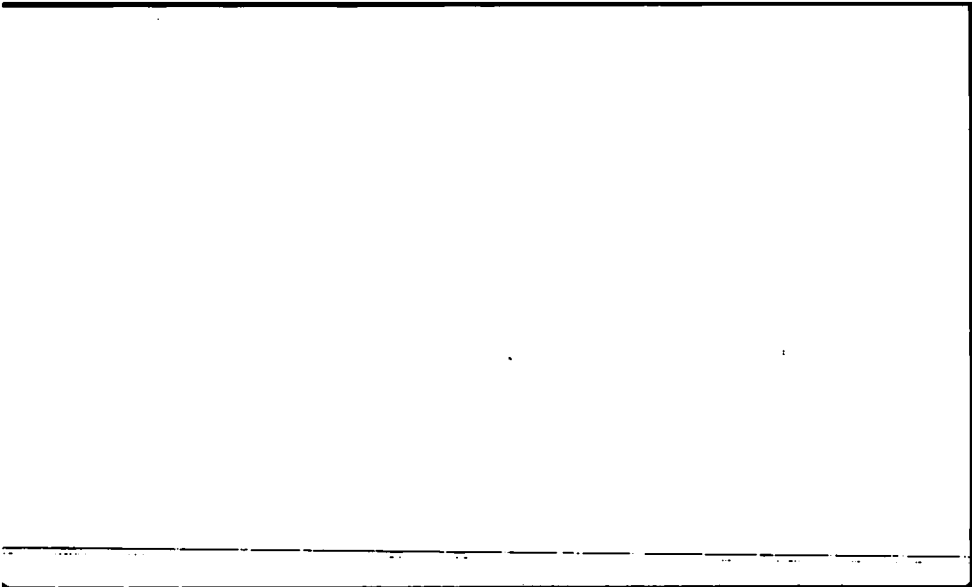
HURT IN AUTO CRASH NR BIRMINGHAM, A.L.A.

S 19,2-5-BLST

TO RETIRE FR BOXING

S 29,30-7

OFFICIALLY RETIRES FR BOXING



SARROS, JOHN : DETROIT HOODLUM

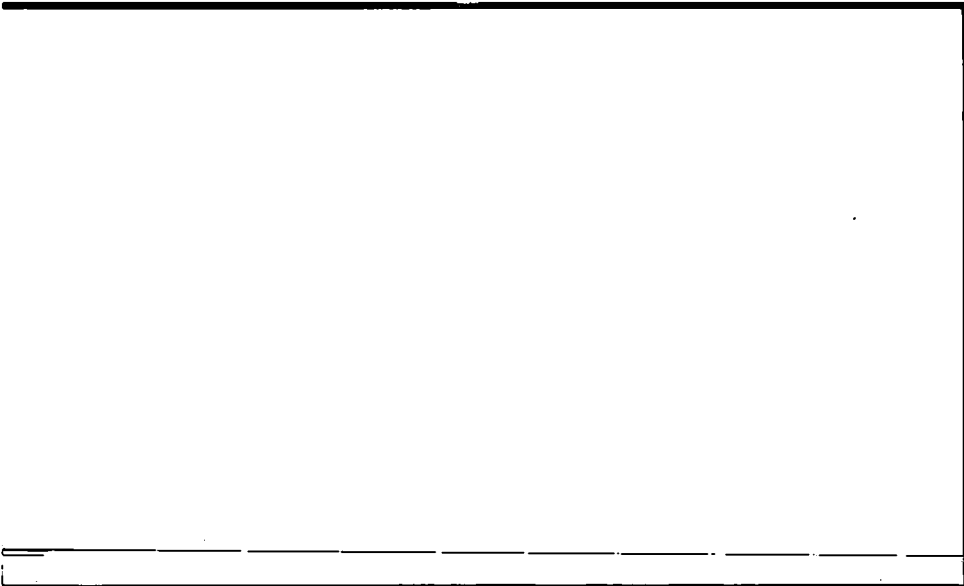
1956

ARRESTED FOR DISTURBING THE PEACE AT EAST SIDE GEN. HOSPITAL

MY 28, 14-1

ACQUITTED OF DISORDERLY CHG.

MY 29, 13-6



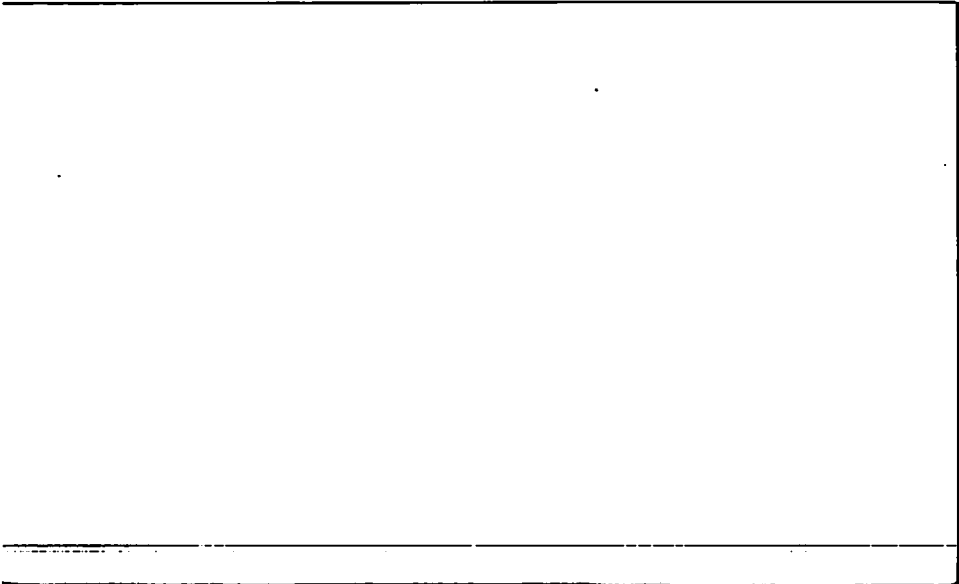
~~HOSTAGE~~ - ~~INSTRUMENTS~~ - SARRUSSOPHONE^S

1927

D 16, 40-3

David Colecchia robbed of ~~one of the above,~~

D 14

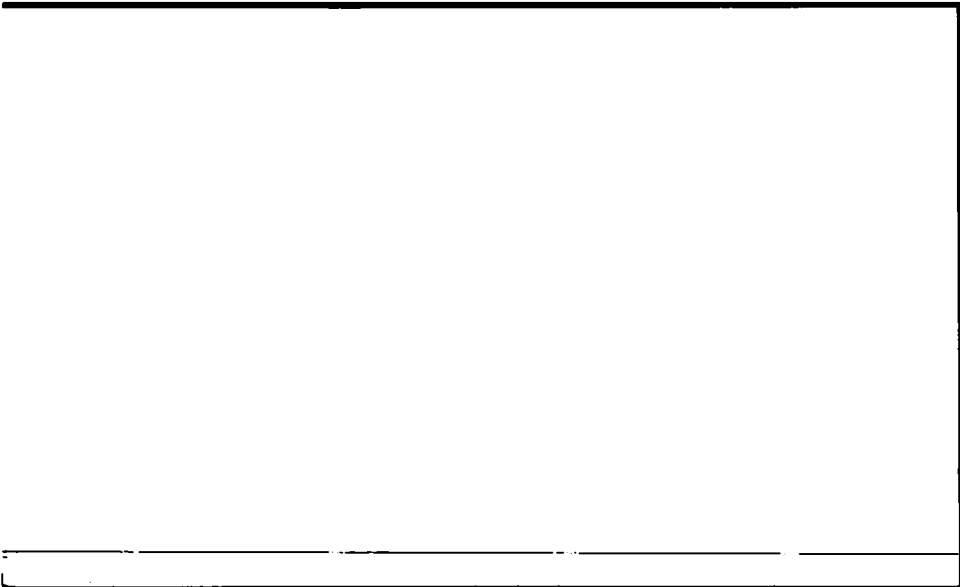


SARSON, GERALD L. - ASSAULT

1964

JE 15, A-1-1

EPHRATA, PA.-17 & 2 OTHERS HELD AFTER SHOOTING OF 2 POLICEMEN, CAPTURED
& HANDCUFFED 2 OTHERS TO TREE WHEN STOPPED FOR SPEEDING ON PA, TURNPIKE

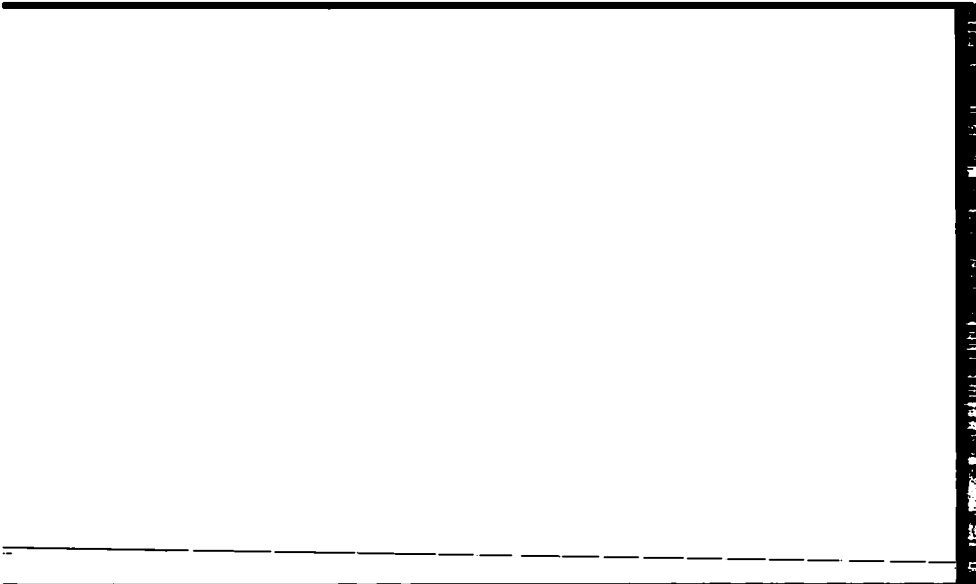


1973

SARTAIN, BOBBY G. : ARMY

MR 26, C-8-7 RACE

ARRESTED FOR THEFT OF +\$360,000 IN ARMY FUNDS.

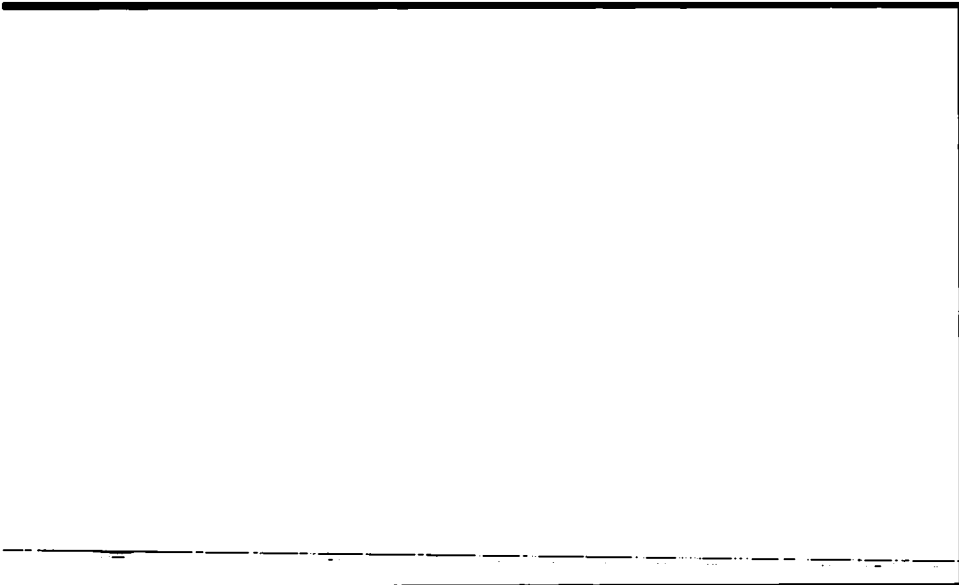


1963

SARTAIN, G. R. - ROBBER

\$ 11, C-2-8

& KELLY GENE WINTON, HAVE STOLEN MORE THAN \$10,000 WORTH OF WATERMELONS
& GRAIN SINCE APRIL WERE ARRESTED



SARTALAMACCHIA, JOSEPH & CHARLES - SLAYING SUSPECTS

1948

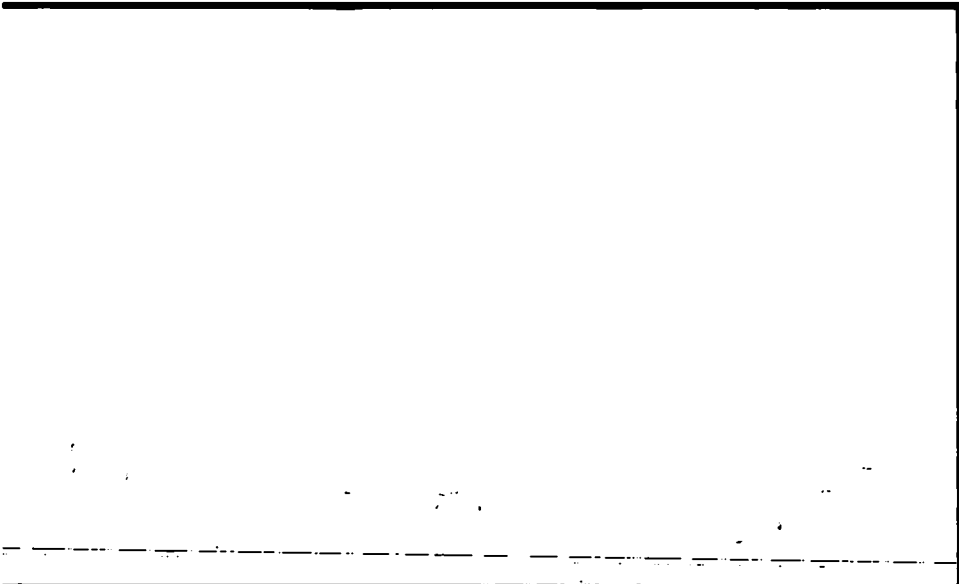
HELD FOR BEATING FUALDES LANDRY, JR. TO DEATH

JL 30, 28-5 NITE

~~1949~~
CHAS. AWAITS JURY VERDICT IN SLAYING
CHAS. FOUND GUILTY BY JURY

MR 12, 3-4

MR 13, 1-21-1



SARTAWI, ISSAM : PLO

1983

AP 11, A-2-5

**ALBUFERIA, PORTUGAL-YOUSSEF AL-AWAT 26 HELD IN SLAYING OF
SARTAWI .**

AP 11, A-2-5-4DOT

**ALBURERIA, PORTUGAL-EXTREMIST PALESTINIAN FACTION CLAIMED RE
SPONSIBILITY FOR MURDER**

AP 12, A-2-1

**LISBON-SARTAWI 49 SHOT TO DEATH IN HOTEL LOBBY. TERRORIST
COMMANDO GRP SUSPECTED**

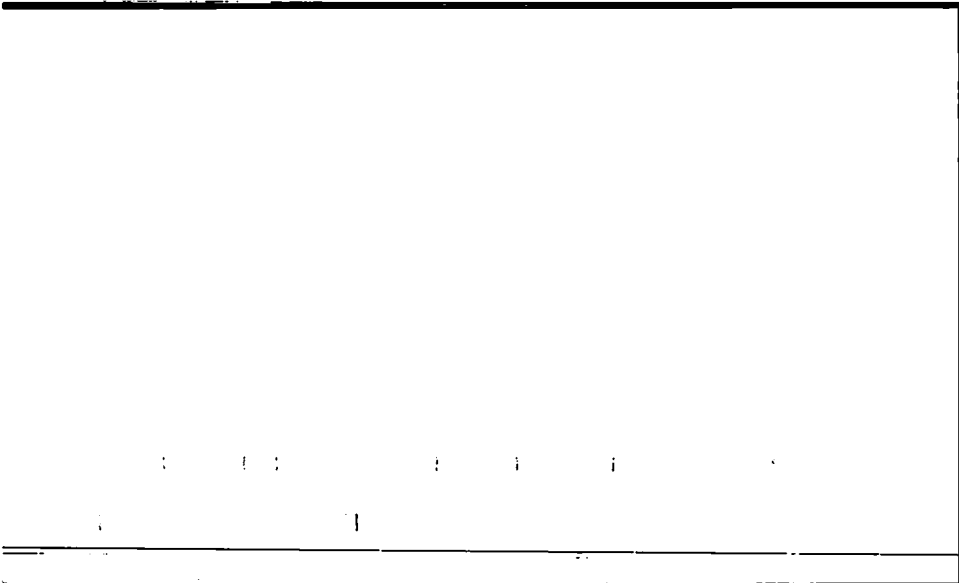


1981

SARTI, ADOLFO : ITALIAN

MY 24, A-4-1

ROME-JUSTICE MINISTER SARTI RESIGNED IN SCANDAL.



SARTOMER CO. :

1985

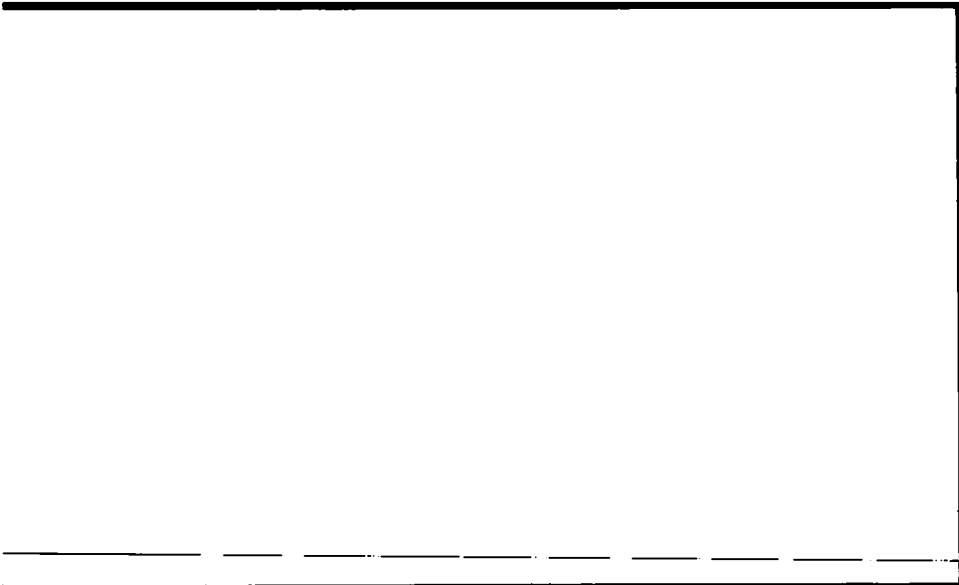
Ag 28, A-2-1

W.Chester,Pa-Reaction at chemical plant spread fumes into
Philadelphia injuring 27 & threatening evacuation

Ag 28, A-15-2-3D0T

W.Chester-Fumes spread into Phila. Ag 29, C-6-3

W.Chester-Residents returned to their homes.



SARTONO:

POLITICIAN: INDONESIA

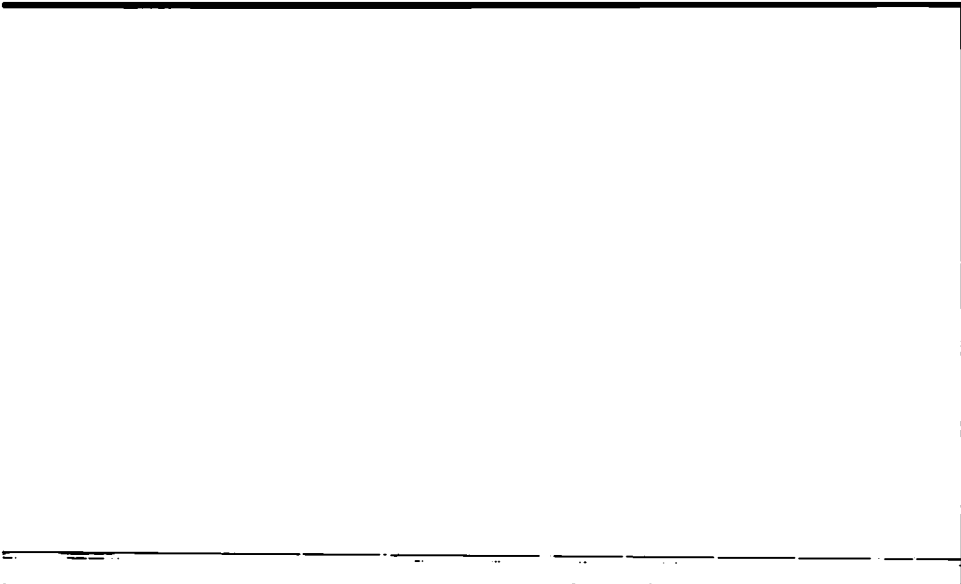
1957

D 14, 16-7

TAKES OVER AS ACTING PRESIDENT AS PRES. SUKARNO LEAVES FOR REST IN COUNTRY

D 20 10-7

JAKARTA, INDONESIA-SWORN IN TODAY AS ACTING PRESIDENT

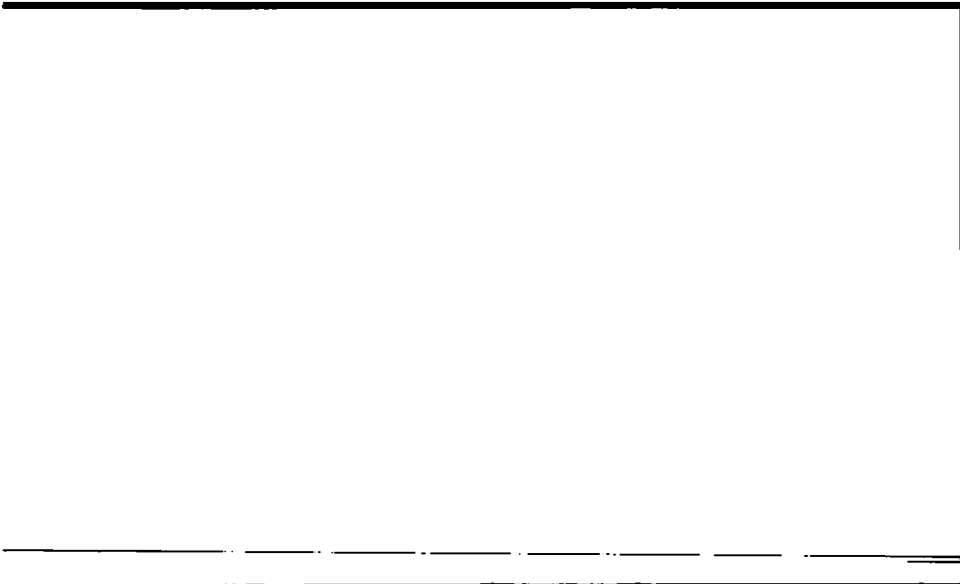


SARTON, GLADYS : MURDERED

1998

Ag 16 B-1-2

Danny Schey's neighbors killed Sarton, 20; no suspects;
neighborhood full of crack houses and vacant houses.-
Berman

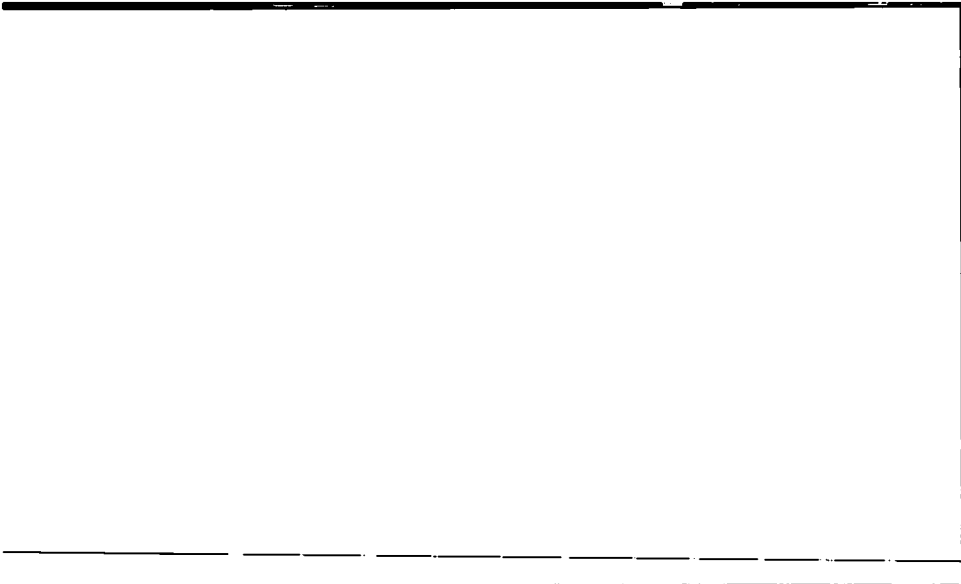


1985

SARTOR, CAROLYN : FIRE FIGHTER

D 26, E-1-2W

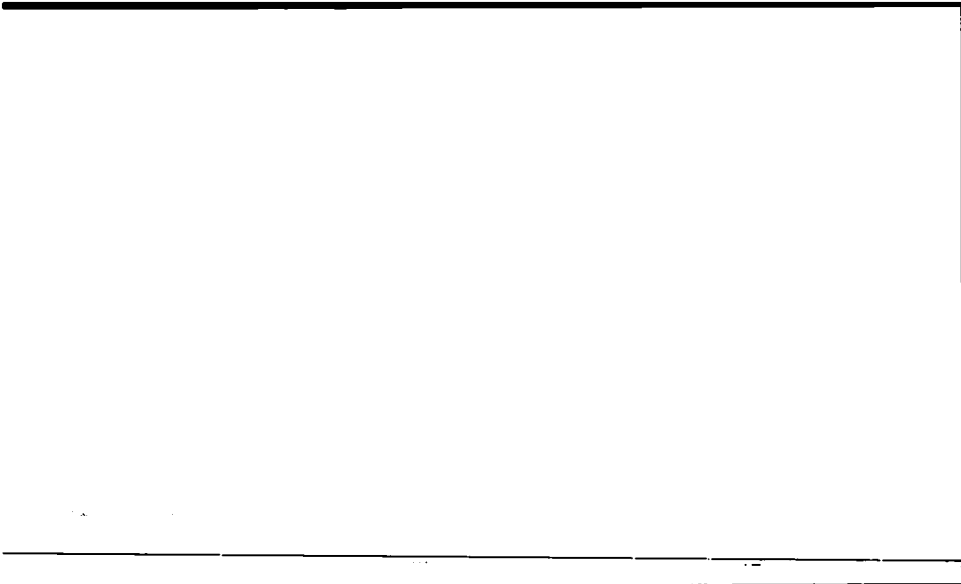
Age 44 & Pam Jackson volunteer with Grosse Ile dept-Hillen



1977

SARTOR, FRANK: MURDER MY3, B-2-4D

ARRAIGNED ON CHARGES OF FIRST DEGREE MURDER IN
DEATH OF RAYMOND FOIKS AND GLORIA ALVAREZ.



SARTOR, JAMES : DETROIT BANDIT

1941

Form 1656

HELD IN SUSPICION OF LOCAL ROBBERIES

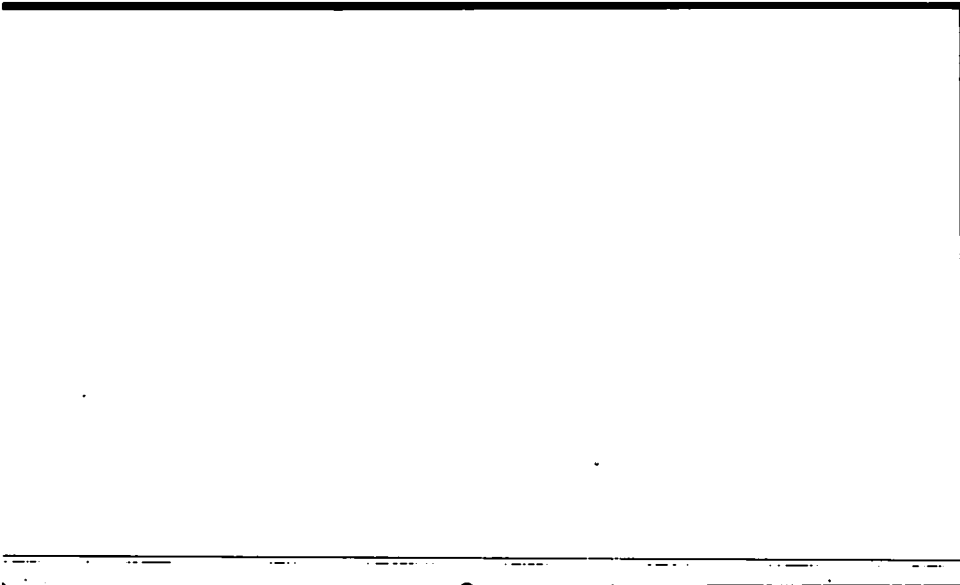
BOND FORFEITED FOR FAILURE TO APPEAR IN CT., THEN REINSTATED WHEN HE
APPEARED

MISTRIAL ORDERED BY JUDGE

SENTC. TO 90 DAYS AFTER PLEADING GUILTY

S 11: 53-8
D 13: 19-2

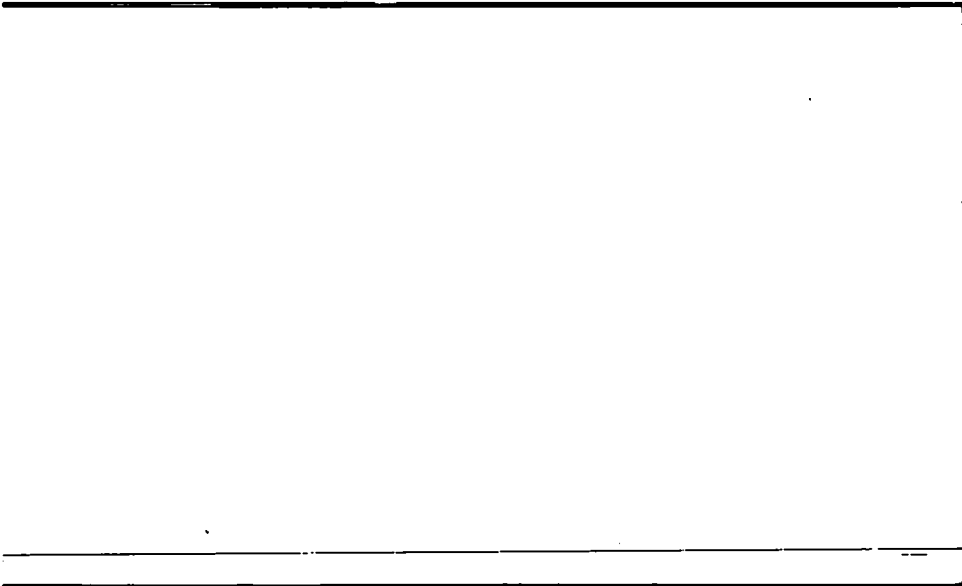
D 17, 45-3 NITE
D 20, 19-5



1977

~~SARTOR, WARDELL: MURDERER MY5,8-2-4D~~

CHARGED WITH SHOTING DEATH OF RAYMOND FOIKS, AND
GLORAA ALVAREZ

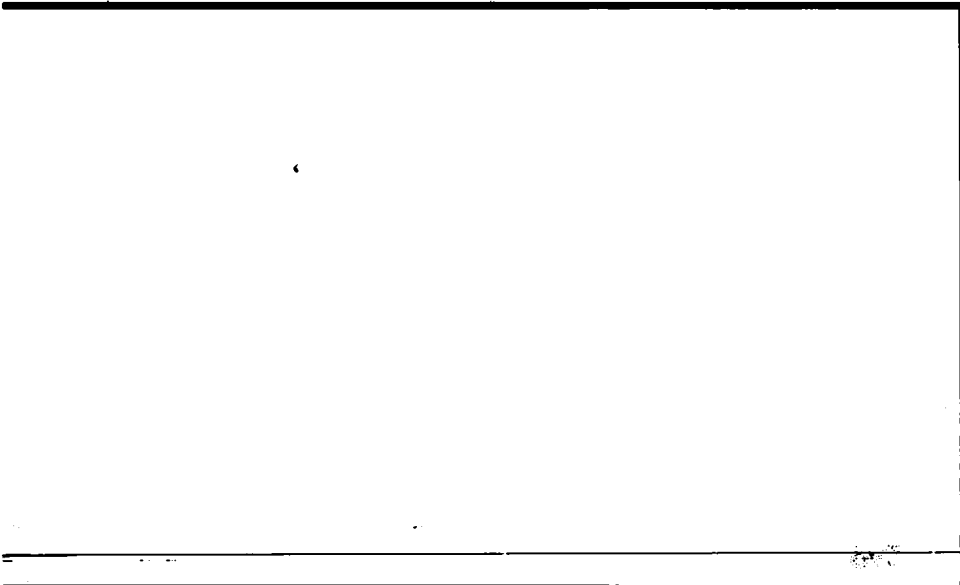


SARTOR, WOODY A. : ROBBER: FLINT

1962

D 10, A-7-1

AGE 26 & NORMAN L. SWAIN, 24 CAPTURED TRYING TO RIP OPEN VALUT OF CITIZ
ENS COMMERCIAL & SAVINGS BANK OF FLINT



1935

SARTOR, WILLIAM L. -

SUSPECT

Form 1656

MR 8, 42-7

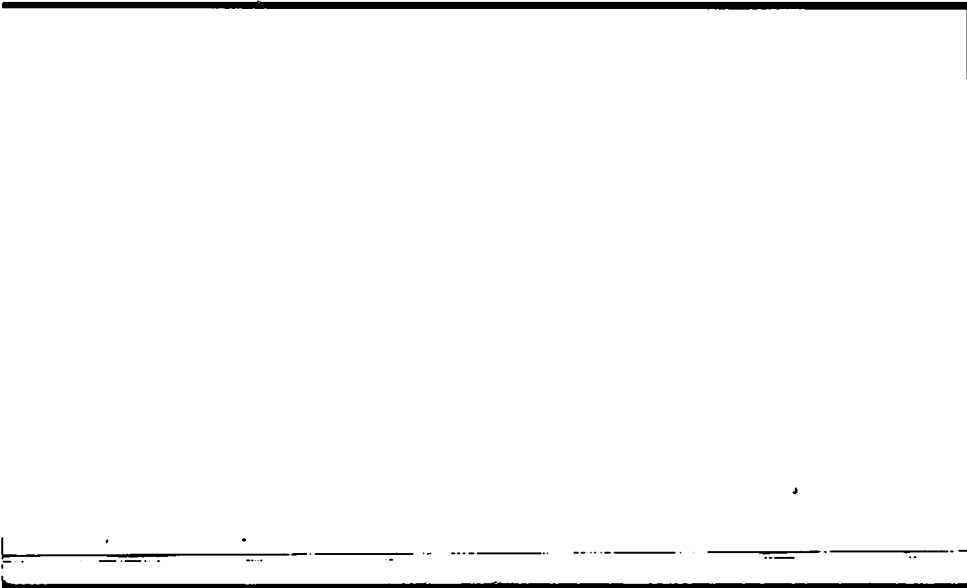
MR 10, 1-5-8

MR 23, 9-1

HELD ON BAD CHECK CHARGE

STOOD MUTE WHEN ARRAIGNED ON BAD CHECK CHARGES

SARTORIAL MR SARTOR SHUNS WORKING CLOTHES FOR TRIAL; ASKS PERMISSION
TO GET BETTER CLOTHES

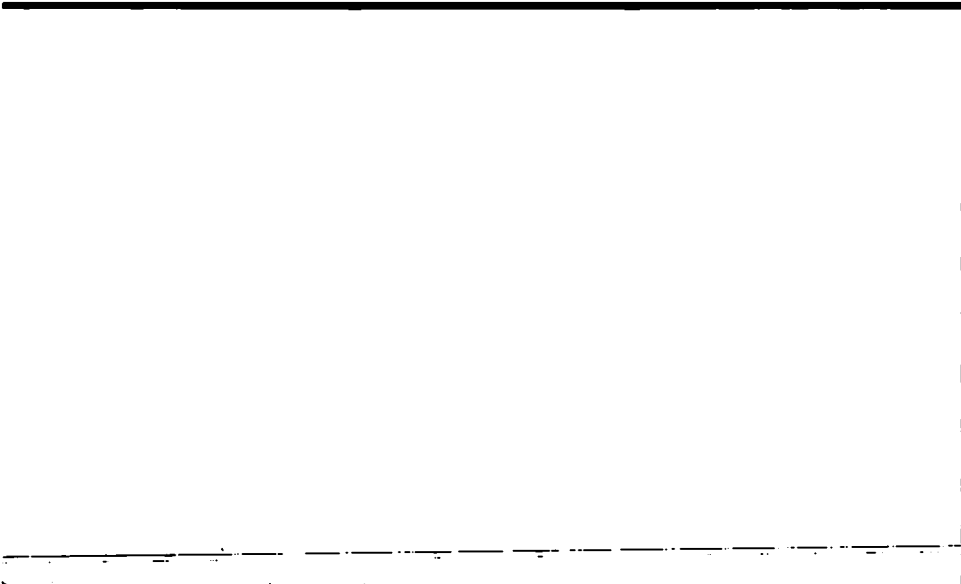


SARTORI, JOHN P. - DET SOLDIER

1944

D 9, 9-2

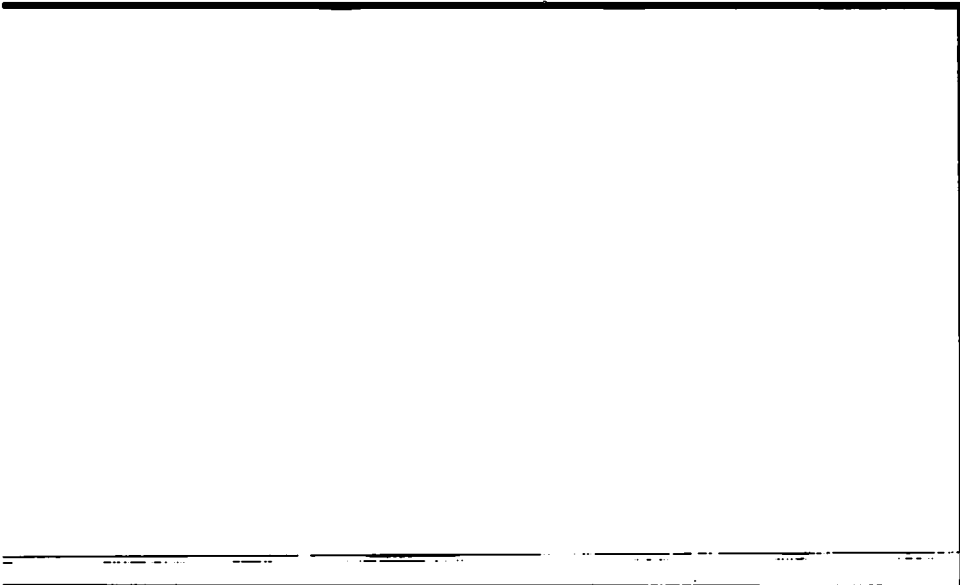
WOUNDED



1948

SARTORI, STELLA : SHOOTING SUSPECT

QUESTIONED IN HAMMOND, IND., IN SHOOTING OF WALTER REUTHER ^{S 5, 1-2-5}
& 5 OTHERS HELD IN WALTER REUTHER SHOOTING- ^{S 6, 14-1}



SAPTORI, VIRGINIO:

BANDIT SUSPECT

1944

HELD WITH GANG IN GROCERY ROBBERY

HELD WITH TRIAL IN \$5,000 BOND

HELD FOR FED. GRAND JURY ON COUNTERFEIT GAS RATION CHG.

ACQUITTED BY JURY N 3RD

ARRESTED IN DET. IN SHOOTING OF MAX STERN

GIVEN 30 DAY SENTENCE FOR LOITERING

GIVEN 6 MOS PROBATION FOR ASSAULT & BATTERY IN BEATING OF COUPLE HE

RAN INTO IN TRAFFIC ACCIDENT

QUIZZED AS SUSPECT IN MURDER OF JOS. CICALO

JE 31, 2-3 9S

F 2, 11-8

AG 25, 15-4

N 4, 13-1

F 21, 2-3 RS 2

-----1950-----

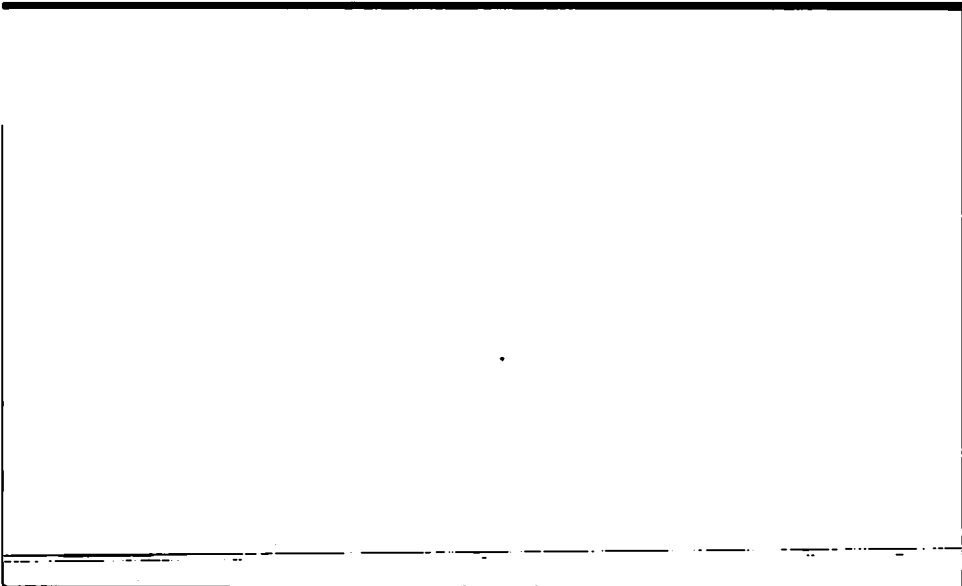
-----1952-----

MR 30, 1-19-3

S 14, 1-20-2 3*

-----1957-----

AP 3, 1-1



SARTORIS, ALGERNON C. F.-HUSBAND OF NELLIE 1874
GRANT

Form 1656

The Detroit News My 21, 1-2

Married Miss Nellie Grant, daughter of president
F 6, 1-5 1889

Above's father leaves son only life estate; to go to above's wife at Algernon's death; Algernon became nothing but a drunkard

F 10, 3-5

Children, Algernon Edward, Vivian May and Rose Mary not allowed to go with mother to US upon death of Gen. Grant; held, it was said, as hostages for her return

Ag 12, 4-6

Mrs. Sartoris to return to US to live

O 30, 7-4 1906

Daughter Rosemary weds Geo. H. Woolston, Fla.

12

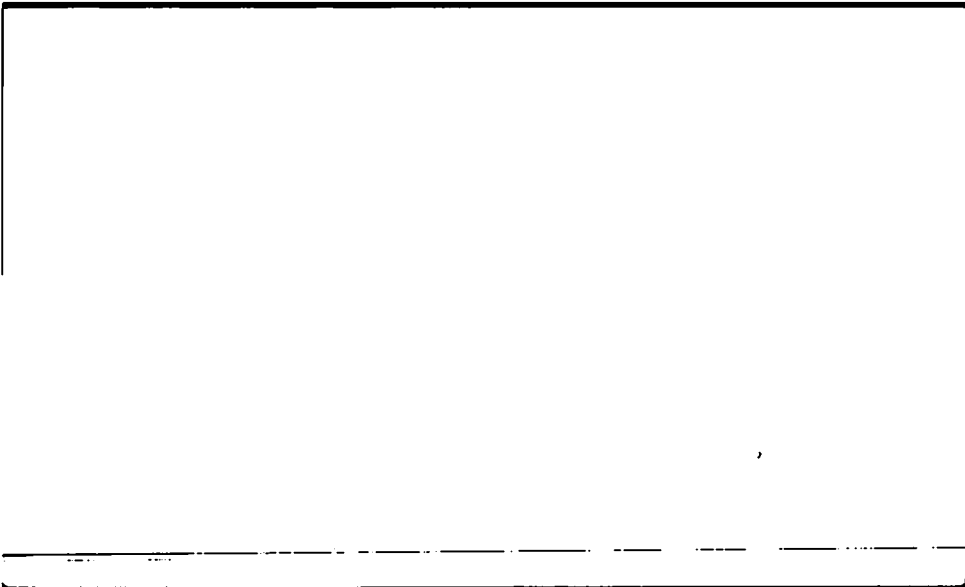
SARTORIS, CAPT. ALGERNON -GRANDSON GEN. 1904
GRANT

Form 1656

The Detroit News

Ap 27, 1-3

Married Mlle. Germaine Cecile Nouffard in Paris
today

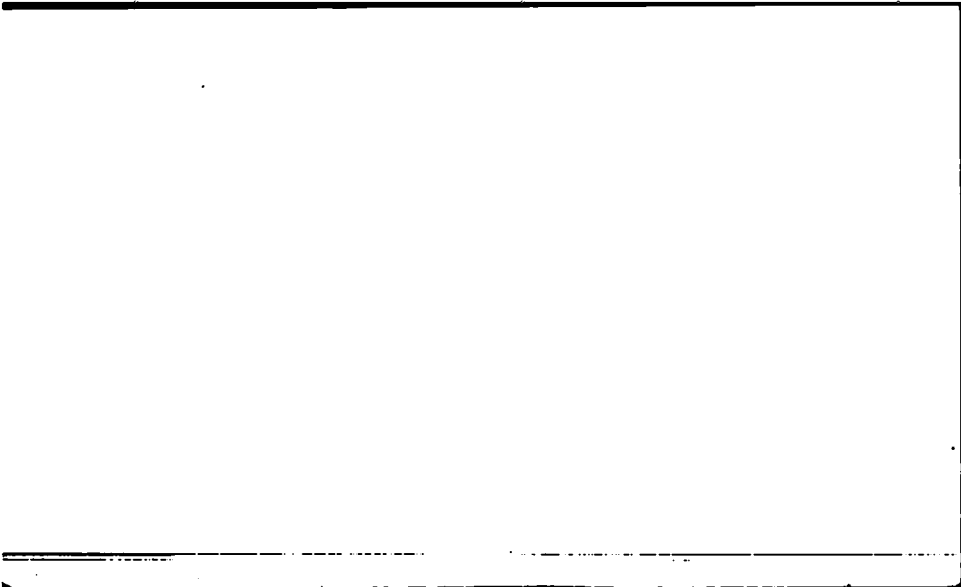


SARTORIS, ALGERNON EDWARD : DEAD

1928

Ja 25, 32-3

Dead Paris, 'a; Funeral ~~services held 'a 20~~



1949

SARTRE, JEAN PAUL - AUTHOR - PHILOSOPHER

F 21, 14-7

SUES TO HALT NY PRODUCTION OF HIS PLAY "RED GLOVES"

----1961----- JL 20, A-4-1 FIN 3

PARIS-BOMB EXPLODES TODAY IN FRONT OF APT. OF ABOVE; NO ONE HURT

D 14, A-1-7

ROME-BELTED WITH EGGS HERE

D 14, A-1-7 FIN 3

ROME-BELTED WITH EGGS DURING MEETING OF SOCIALISTS

---1966---L O 5, A-8-1

KOBE, JAPAN-& AUTHORESS SIMONE DE B AUVOIR OK AFTER XBOTH
THEIR TAXICABS COLLIDED WITH ANOTHER CAR O 27, A-20-7

VATICAN CITY MAGAZINE OSSERVATORE DELLA DOMINICA SAID
THE CHURCH CONDEMNATION OF ABOVE WRITING STILL STANDS AL-
THOUGH INDEX OF HIS BOOKS HAS BEEN DISCONTINUED

---1967--- AP 23, B-11-1

PARIS-VIET WAR TRIALS BARRED BY DE GAULLE AP 30. A-4-1 1*

STOCKHOLM-BERTRAND RUSSELL VIETNAM WAR CRIMES TRIAL TO BE
DELAYED WAITING ARRIVAL OF ABOVE, ITS CHAIRMAN

-19740 MY 22, A-11-1

PARIS--ANNCD SAYS GIVING UP PUBLISHING ENTERPRISES FOR
HEALTH REASONS. AGEX 69.

--1974--

D 5, A-3-3

ACCUSES W.G RMAN AUTHORITIES OF TORTURNING IMPRISONEDGUE-
RILLA LEADERANDREASBAADER AT STAMMHEIM PRISONJE 23,A-4-6

NEARLY BLIND AT 70, TO NOT WRITE ANYMORE BUT HELP DIRECT
TV PROGRAMS -1980- MR 21, A-13-1

IN HOSPITAL. SUFFERING FROM FLUID IN LUNGS. Ap16, A-1-5

AGE 74 DIEDAP15-COOK

AP17, A-16-1

REMEMBERED-EDIT

AP20, A-8-1

15,000 ATTEND FUNERAL

SARTWELL, CHERI

AUTO DEATH: WASHINGTON TWP, MICH

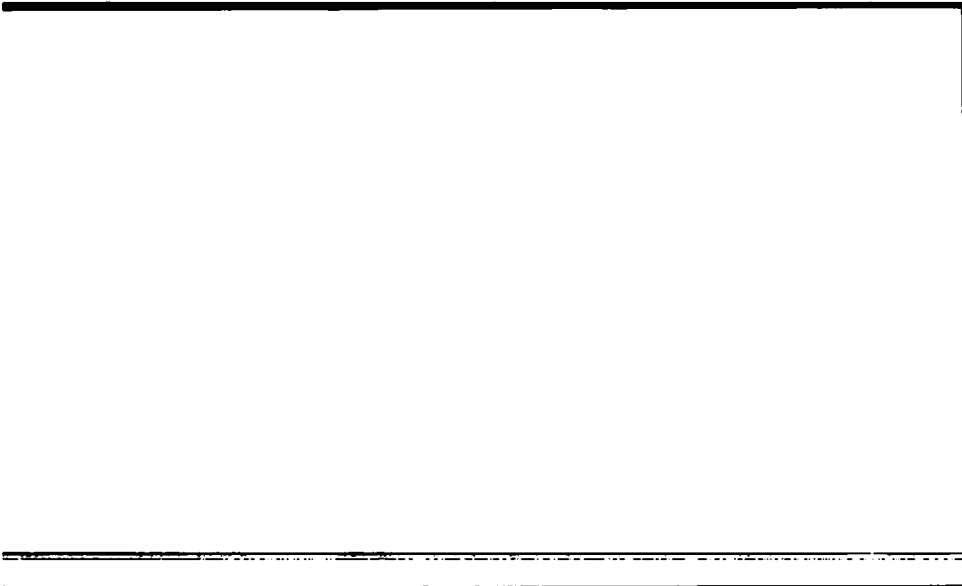
1957

O 23, 32-3

ABOVE, 7, KILLED O 22ND WHEN HIT BY CAR OF MAURICE H. CARLTON SR., MAN
WHO IS HER SCHOOL BUS DRIVER NORMALLY

O 24, 52-1

NEIGHBORS RALLIED TO GET MONEY, CLOTHES, FOOD FOR FAMILY OF ABOVE



SARTZETAKIS, CHRISTOS: GREEK OFFICIAL

1985

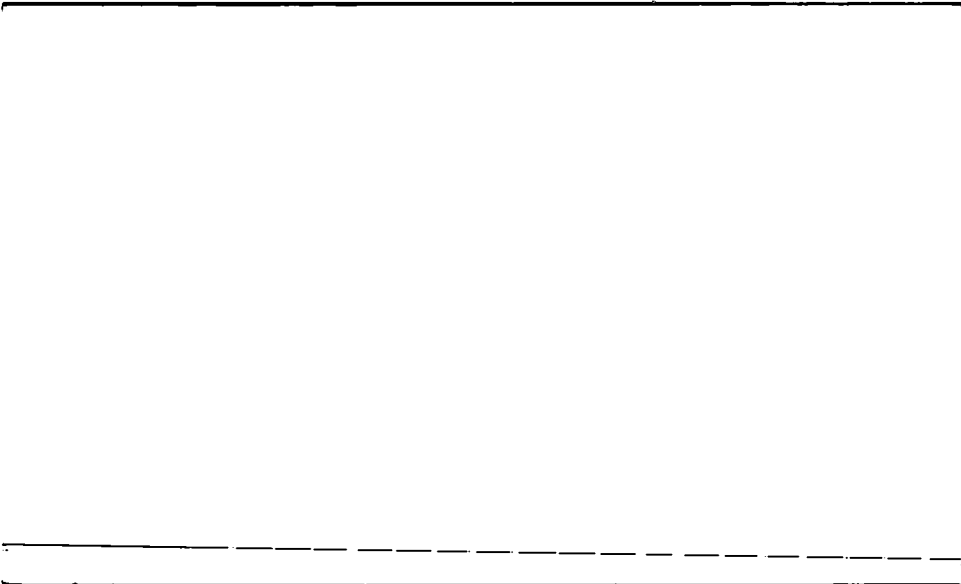
Ap 1 B-5-3

New head of state begins official duties while critics
question legitimacy of his election.

-1989-

N 11 A-3-1

Gives former socialist Premier Andreas Papandreou 3 days
to try to form a govt

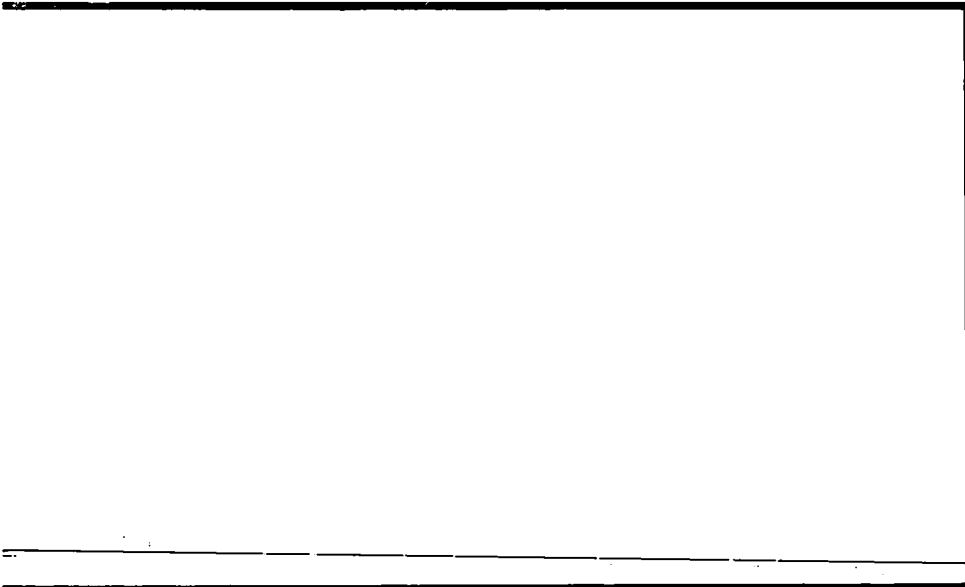


SARUBBI, ANGELO: FORMER MAYOR NEW JERSEY

1971

~~AG 12, A-17-1 LF~~

INDICTED BY FED GRAND JURY ON COUNTS OF 4X EXTORTION &
FRAUD



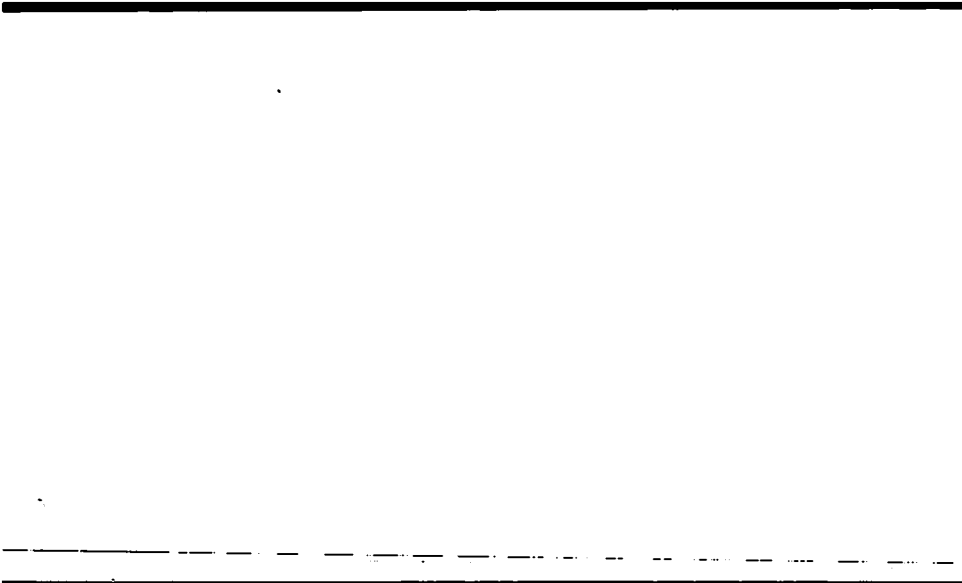
SARVER, A. H. - PRES. SCRIPPS-BOOTH

1917

Form 1656

The Detroit News D 18, 2-1

Named president of Scripps-Booth corp.



SARVER, ADAM H.:

DETROIT COUNCIL OF CHURCHES

1938

Form 1656

HA 14,31-1

RE-ELECTED PRES.OF ABOVE, IN CHARGE OF BUSINESS AFFAIRS

~~1939~~

TO RECEIVE HONORARY DEGREE OF DOCTOR OF LETTERS JUNE 12 AT ALLEGHENY COLLEGE

E 10,5-1

SAME

ELECTED PRES BOYS' CLUB

~~1950~~

AP 1, 17-7

~~1956~~

D 21, 23-1

DIRS OF GOODWILL INDUSTRIES PASS RES. HONORING ABOVE

~~1958~~

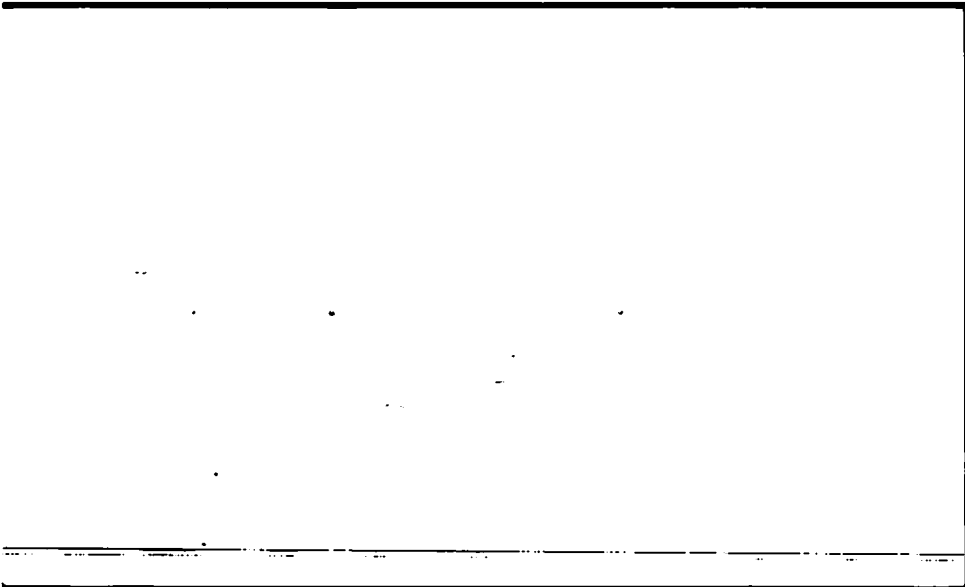
MY 26, 8-1

RE-ELECTED CHR.OF THE BB.OF BOYS CLUBS OF DET.

~~1960~~

S. 12,A-16-2FINS

DIED S 11-93

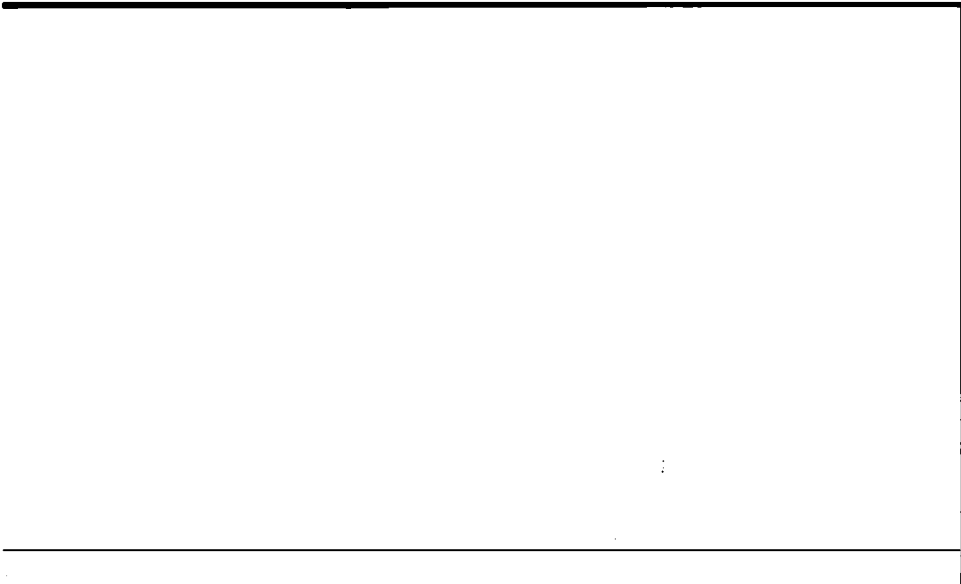


SARVER. EDWARD KAYLOR111: LAWSUIT

1983

SB, E-6-1E

WIFE, ANGELA WINS ALIMONY FOR PUTTING HER HUSBAND
THRU MEDICAL SCHOOL WAETER.S

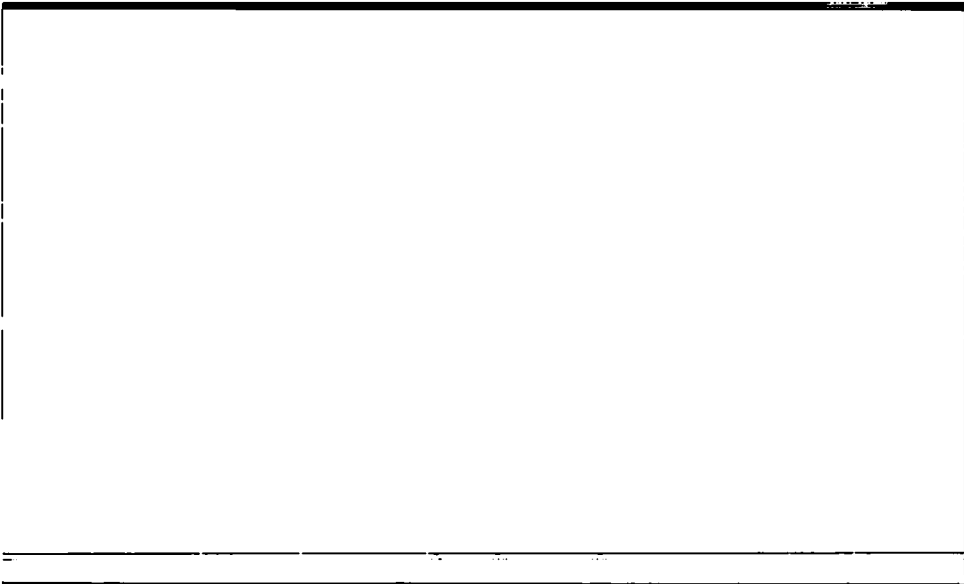


SARVER, ELLEN : GRANDMA

1980

D 20, A-1-1

**85, 'CASS CORRIDOR GRANDMA' ATTENDS CHRISTMAS PARTY FOR CASS
CORRIDOR SENIOR CITIZENS**

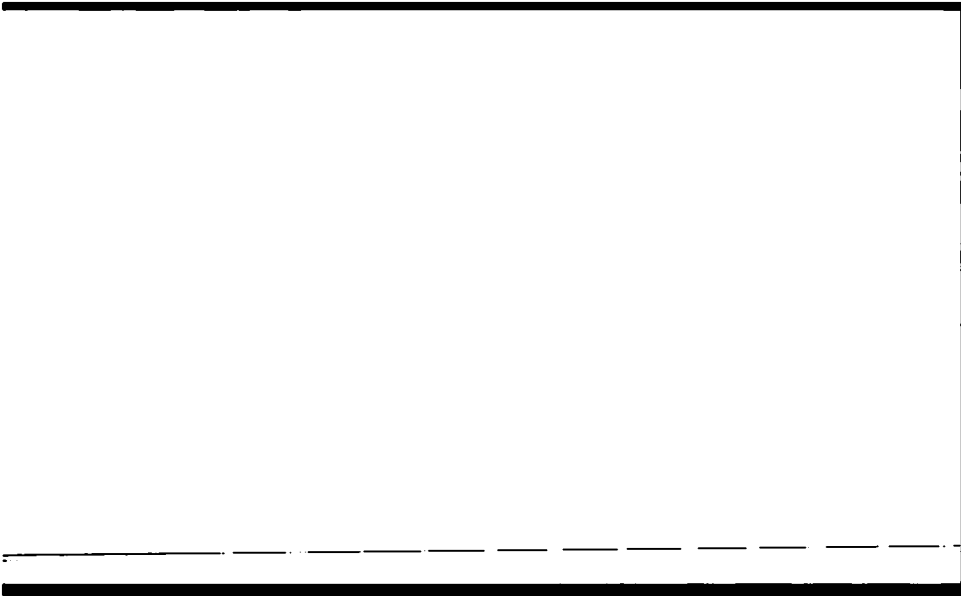


SARVER, PAT : TEACHER, STERLING HEIGHTS

1997

My 06 C 1-1

Retiring from Plumbrook Elem;holding reunion for former
students to pick up memorabilia-Naylor

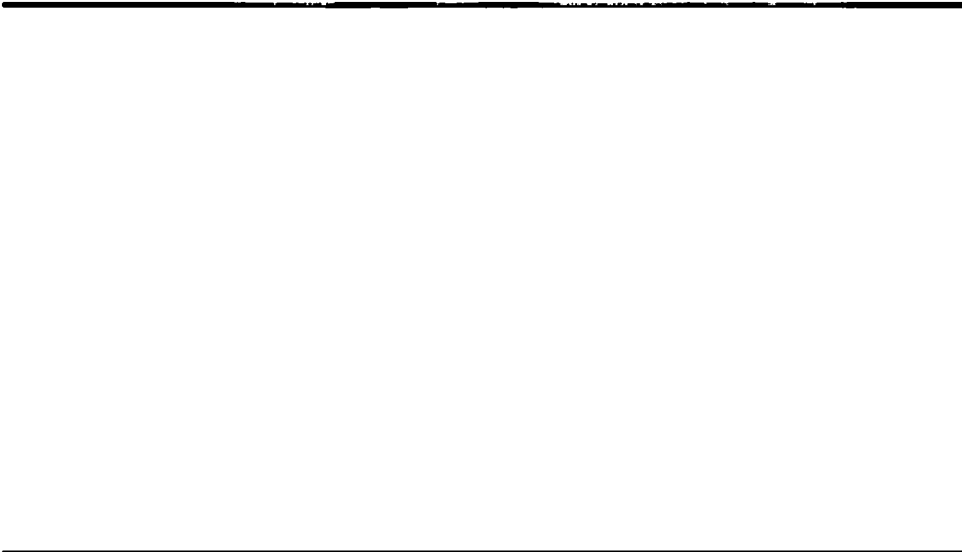


SARVER, PAT : DIVORCEE

1983

Ag 17, B-1-2

& JIM FERRIOLE FOUND ARTS CONNECTION FOR SINGLES-BIGGS



SARVER, PHILIP : RECYCLING SCHEME

1997

51, from Penna.; tried to get deposit/for 20,000 out-of-state
cans-Pardo

SARVIS, ARTHUR H. - ASSISTANT SALES MAN.,
BUICK CO. 1927

-Ap 24, 10-4-6

Appointment to above just announced

---1941---

APPT. MEMBER OF STATE COUNCIL OF DEFENSE

My 19, 12-2

D 30, 13-4

AS CZAR OF STATE TIRE RATIONING WILL OPEN OFFICE IN LANSING SOON

---1942---

JA 2, 1-4

INDICATES TIRE RATIONING PROGRAM WILL BE HARD FOR CHEATERS TO BEAT-

POLLARD

JA 3, 3-1

SPEEDS COMPLETION OF MACHINERY FOR TIRE RATIONING-SHOENFIELD

JA 16, 3-1

PLEASED WITH FUNCTIONS OF STATE'S TIRE RATIONING SYSTEM-AP 21, 11-4
TO DEVOTE FULL TIME TO RATIONING JOB

MY 9, 5-1 BS

APPT. MICH. DIRECTOR OF OFFICE OF PRICE ADMINISTRATION-MY 10, 5-24-5

TAKES OVER DUTIES AS MICH. OPA DIRECTOR

AG 25, 7-1

DENIES PREPARATIONS BEING MADE TO RATION GASOLINE IN MICH.-S 2, 1-7

REPORTS RESIGNATION OF CLARENCE A. IDOLE AS STATE RATIONING EXECUTIVE

OVERS AND DIFFERENCES IN OPINION The Detroit News

XXXXX

---1943---

F 7, 1-8-8

TO RETAIN TITLE AS STATE DIRECTOR OF OPA DESPITE SHUFFLE

AP 25, 1-3-3

RESIGNS AS STATE DIRECTOR OF OPA

MY24, 20-7

MY26, 12-6

FAREWELL DINNER PLANNED

O 17, 1-11-5

FAREWELL DINNER GIVEN MAY 25

APPT. TO COMM. TO SUPERVISE "FOOD FIGHTS FOR FREEDOM" CAMPAIGN

O 19, 3-6

NAMED HEAD FLINT CITIZENS COMMITTEE TO FIND MORE SCHOOL MONEY

D 18, 17-7

ELECTED DIRECTOR OF CONSUMERS POWER CO.

---1959---

S 3, R-10-4

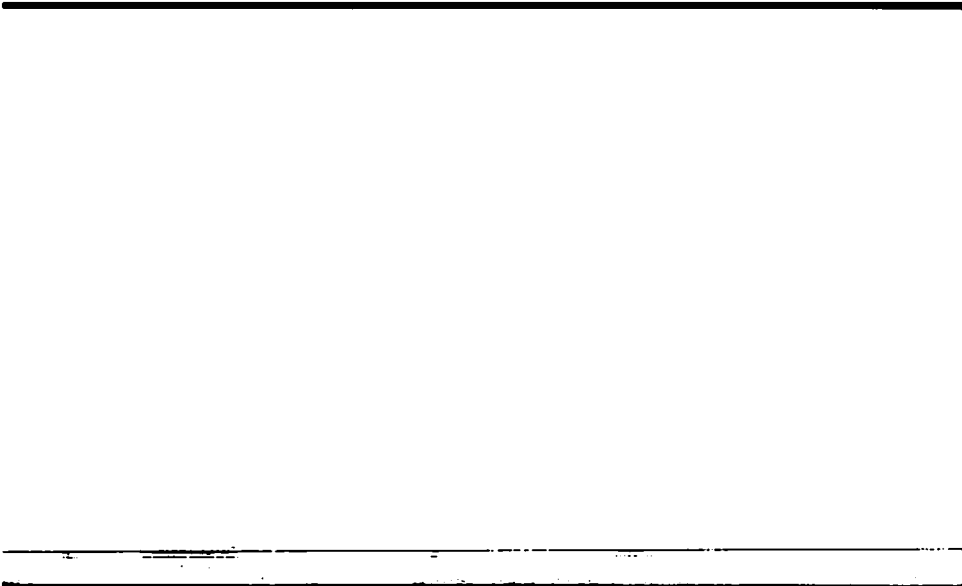
APP'T EXEC. DIR. OF COMM. OF SPONSORS OF COLLEGE & CULTURAL DEVELOPMENT

SARVIS, CONOVER B. JR. - GROSSE POINTE SOLDIER

1945

AP 11, 17-6

KILLED, PACIFIC



SARVIS, IVAN X. - CHEVROLET MOTORS

1947

APTD ASST GENERAL SALES MGR OF ABOVE-

U 17, 40-6

PROMOTED IN CHEVROLET

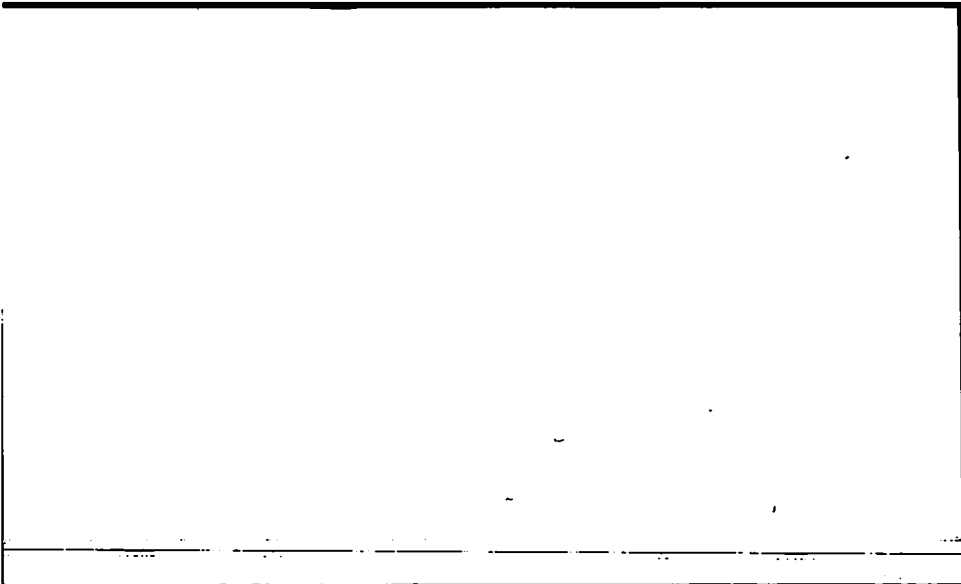
-----1956---

MY 22, 25-3

-----1960000-

F 18, C-13-5

OBIT;DIED F 16TH AT AGE OF 66,IN POMPANO BEACH FLA.



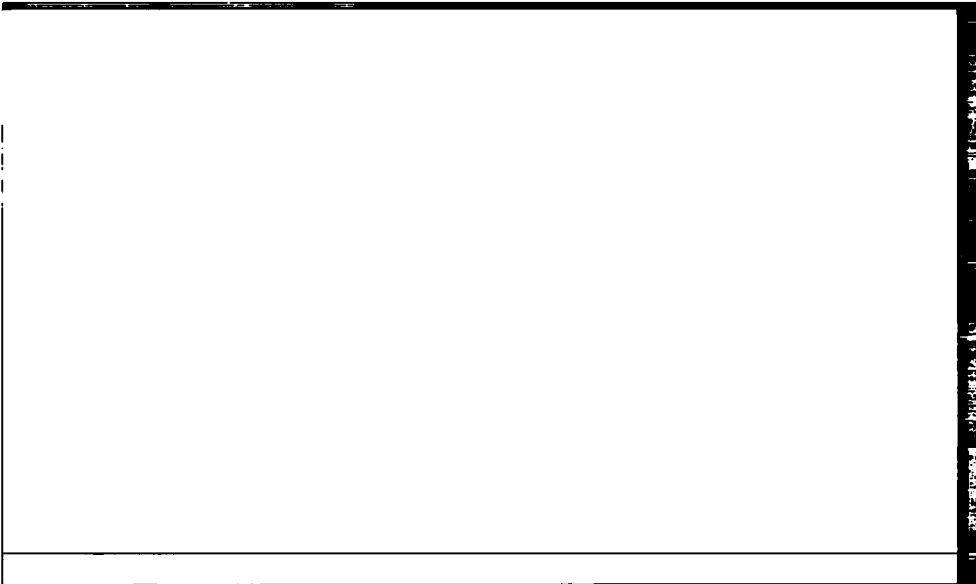
SARVIS, RICHARD JOHN : ARSONIST

1999

O 24 C 1-2
arrested
Harrison Twp-38, unemployed truck driver, for boat burning
; cops had been watching him, drunk driving charge 6 weeks
earlier-Schabath O 25 C 1-1

Harrison Twp.-Woman at Harbor Club Marina spotted him
10/21 trying to set fire; told cops, may get reward-Scha-
bath D 5 C 5-1
arraigned on charge of preparation to burn; to have psychia-
tric evaluation 2000 Ja 17 C 5-5

~~Harrison Twp-his hearing may be delayed; psychological
exam not finished yet-Schabath~~

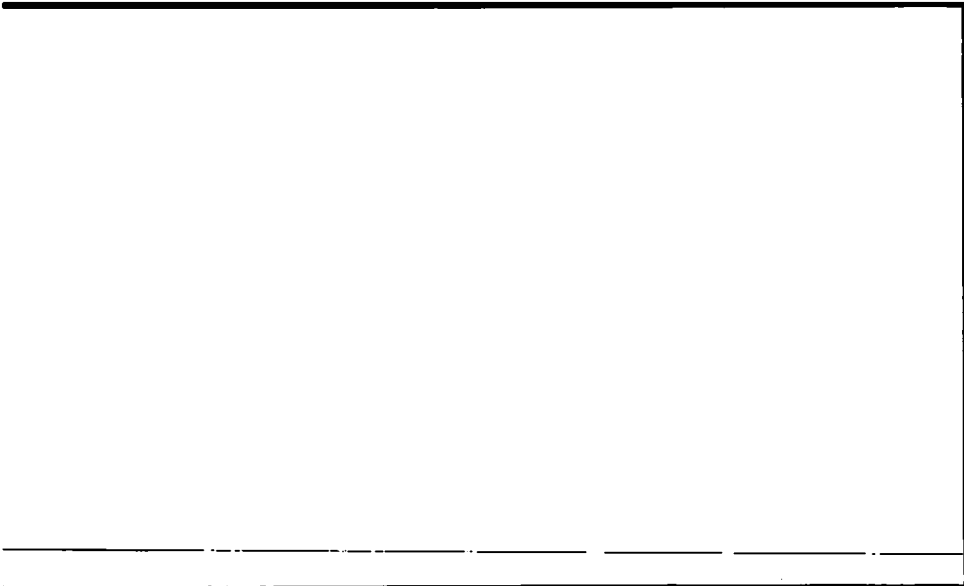


SARWER, MICHAEL: ABUSIVE

1989

0 23 B 1-2

Accused of physically,emotionally abusing 2 former lovers
and their children,according to Vanity Fair-Farrell



SARWER FONER, DR GERALD : PSYCHIATRIST

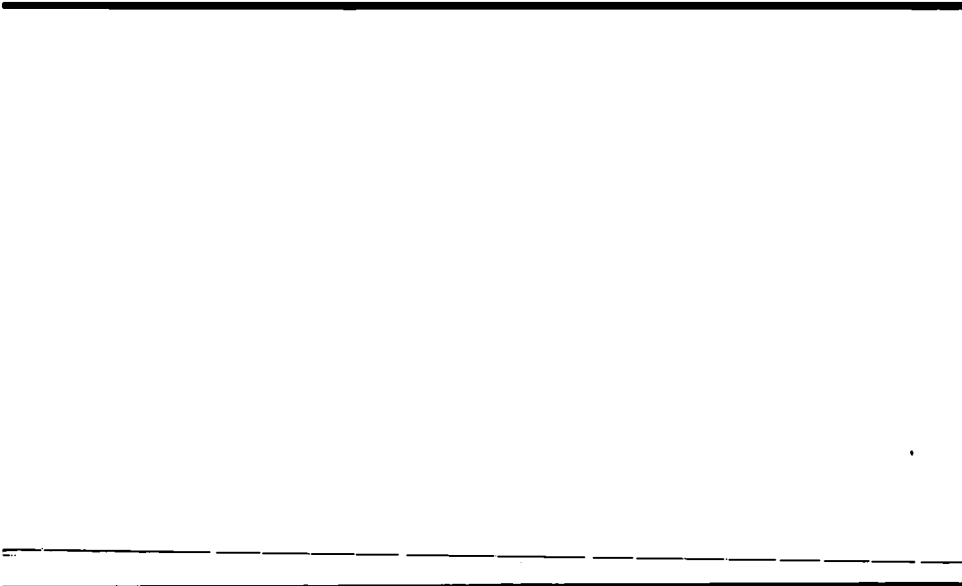
1989

Mr 13, C 1-2

Canadian prof named new head of Det Lafayette Clinic-Toy

0 23 B 1-2

Mag Vanity Fair alleges clinic chief's son abused kids-
Farrell



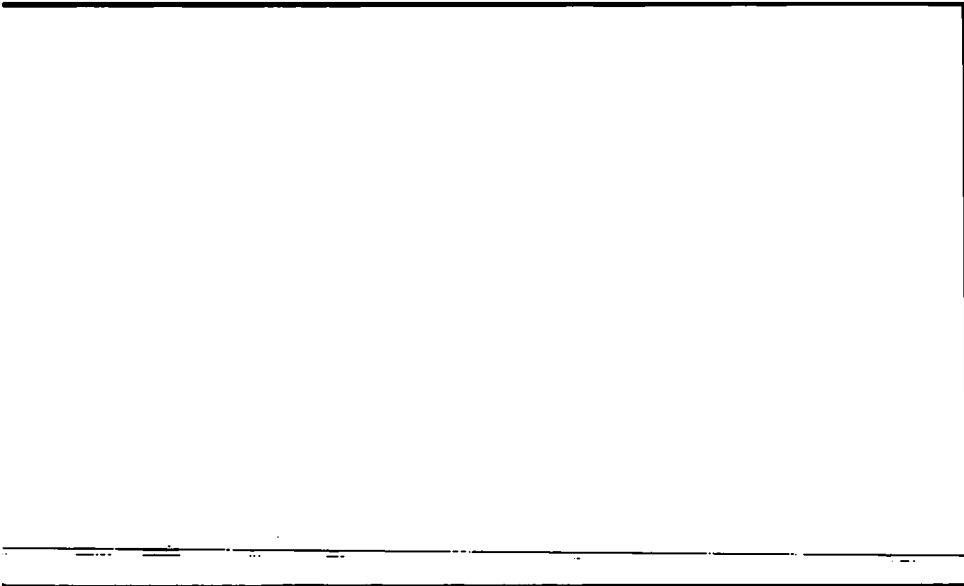
SARWOLD, LT. ALBERT : ARMY PHYSICIAN

1943

Form 1656
HELD WAR PRISONER BY JAPS IN PHILIPPINES
IS UNINJURED
---1945---

F 27, 17-5
As 14, 17-6
F 6, 1-6

ON RESCUE LIST OF PRISONERS FROM SANTO TOMAS PRISON CAMP, MANILA



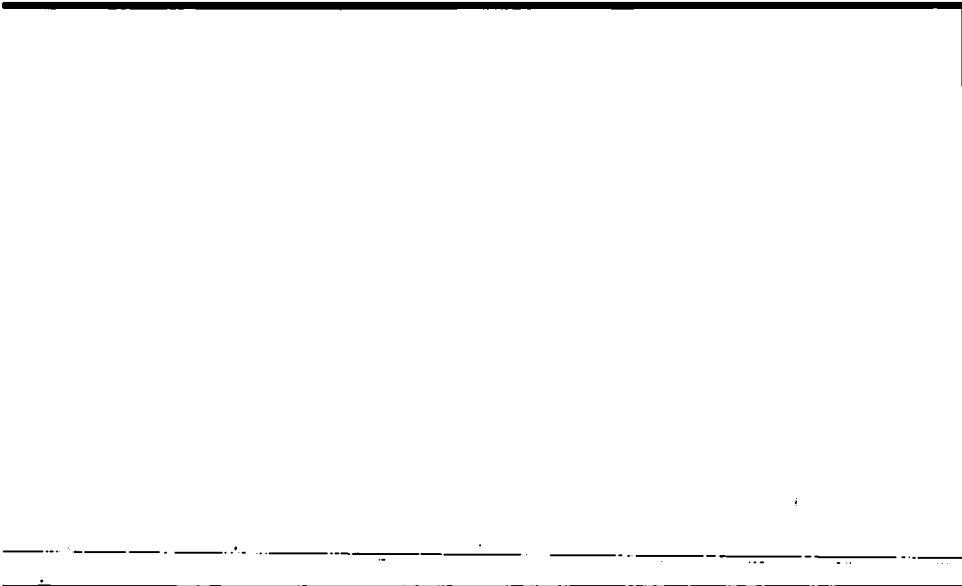
SARY, NICHOLAS J.: ARMY AIR CORPS, DETROIT

1944

PROMOTED TO CAPTAIN

Form 1656

AG 10, 25-8



SARZYNSKI, CHET : ENTREPRENEUR

1991

S 8, A 1-5

Offers 900 phone service, MEDTALK for talk with doctor
at \$4.29 per minute-Ingersoll



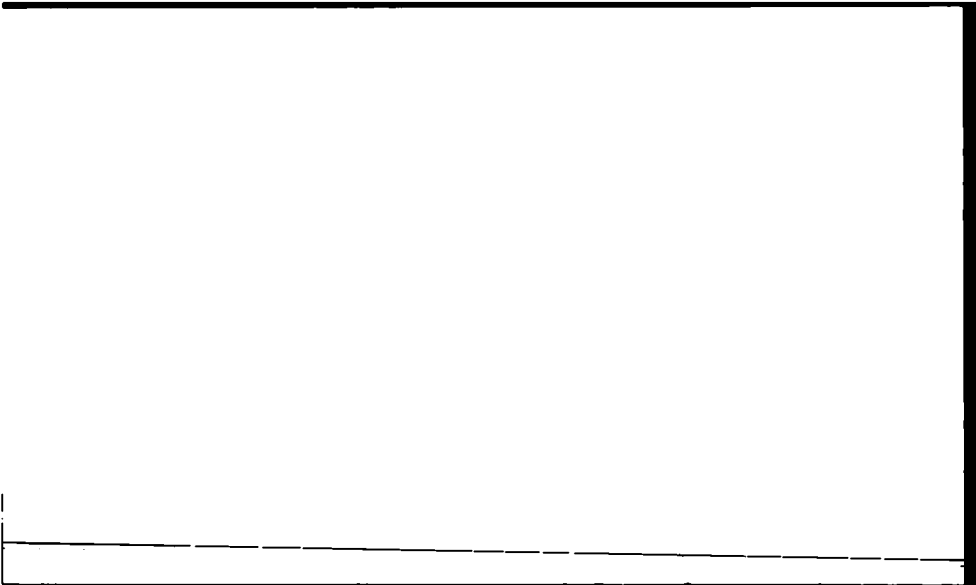
SARZYNSKI, STEVEN JOSEPH: ROBBER

1989

Jl 16 B-3-1

Arrested by FBI in robbery of Mich Natl Bank in Troy.
1998 AG 23 B 5-1

Sterl.Hts-56,ex-con;robbed bank because he wanted to go ba
back to jail;has one-arm

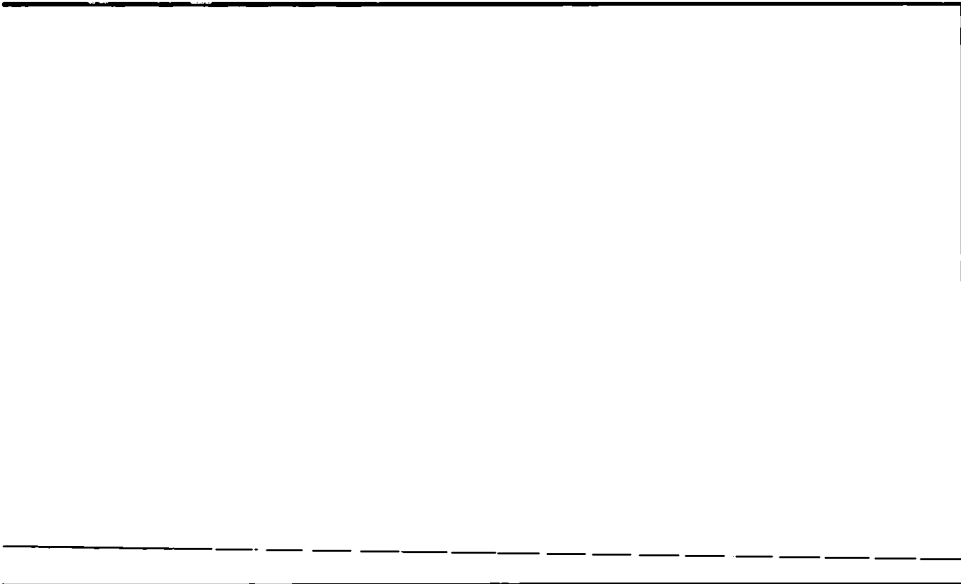


SASAK, BRUCE ALLEN : DRUGS

1989

Ag 5, B-4-1

Age 47, indicted in Grand Rapids, arrested in Calif

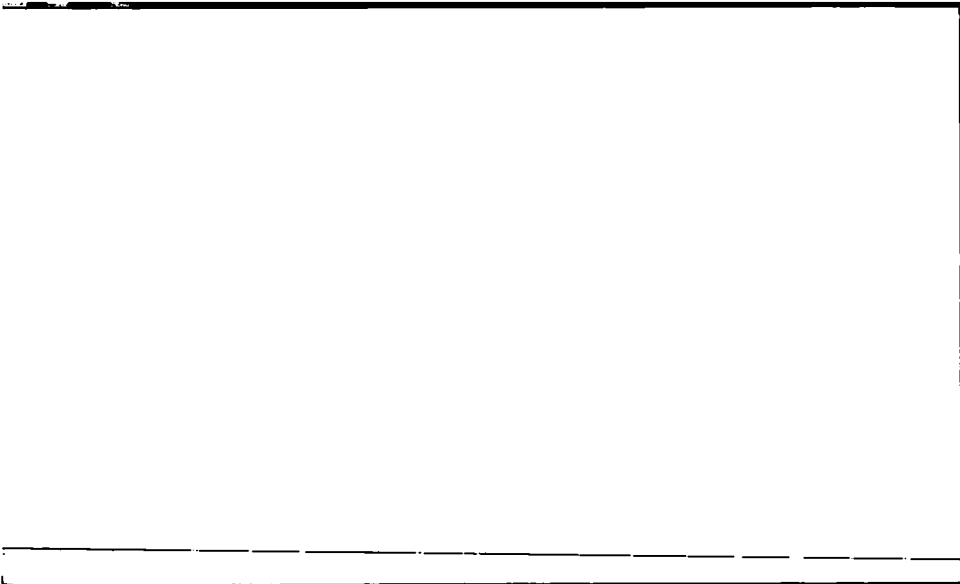


SASAKA, KOZO - JAPAN POLITICIAN

1966

JA 23, 8-15-5

TOKYO-ABOVE U.S.FOE & LEADER OF PRO-PEKING FACTION OF SOCIALAIST
PARTY WAS ELECTED PARTY CHAIRMAN

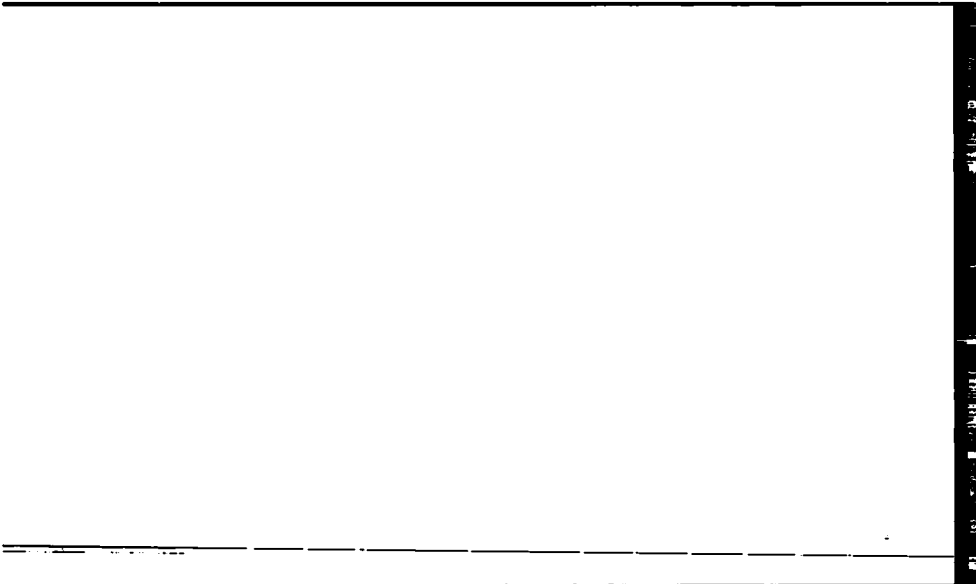


SASAKI, KENICHI : NISSAN EXEC.

1993

Ag 06 E 1-5

Traverse City-Plans to rid vehicles of equipment motorists
don't really want-Sedgwick

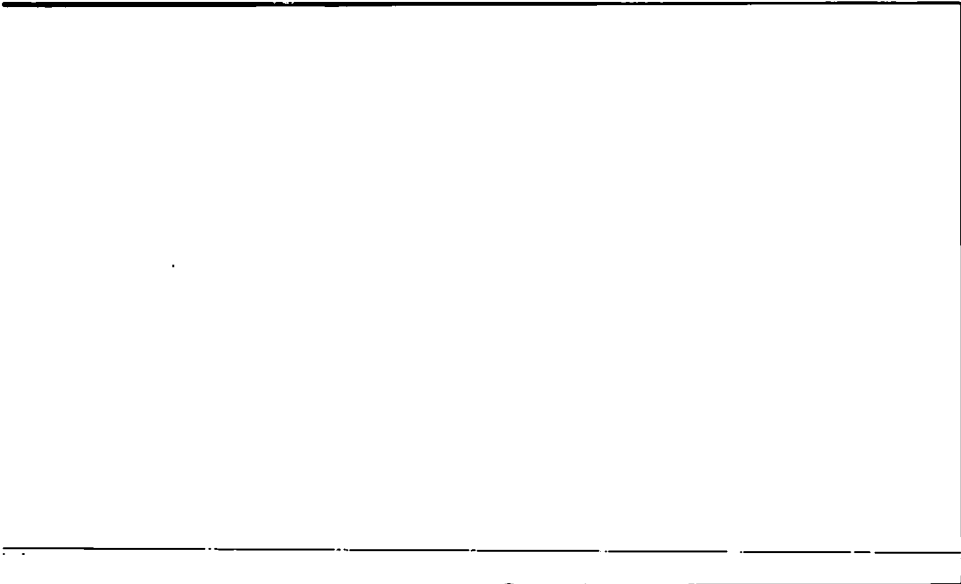


SASAKI, SADA KO : PAPER FOLDER

1985

0 17, E-2-1W

Died of Hiroshima-leukemia at age 12 in 1955, wanted to
fold 1000 paper cranes to be made healthy again,
remembered by Royal Oak St Dennis 8th graders in
project-McClellan

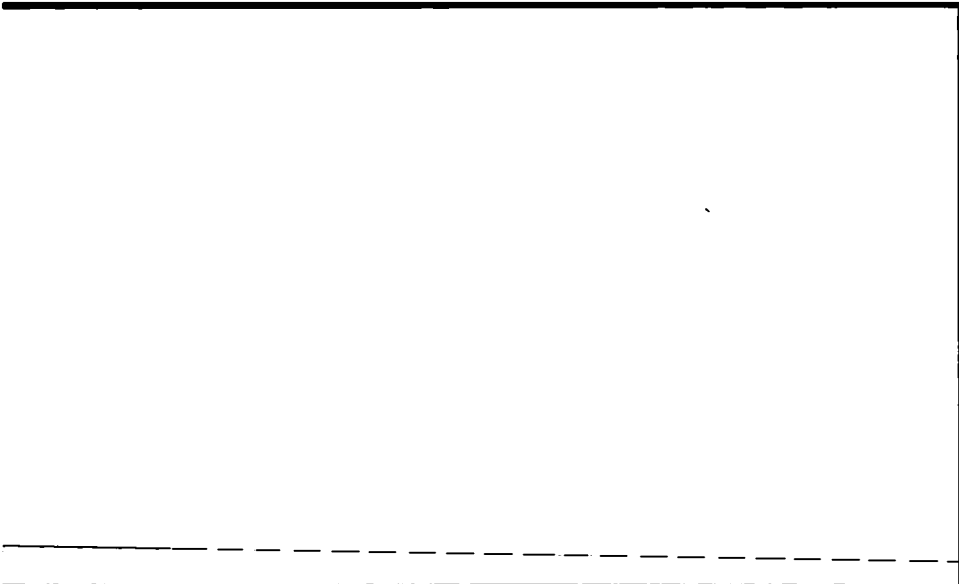


SASAKI, SADAMICHI : JAPANESE AUTO EXECUTIVE

1984

MR 21, B-1-1

**PRES OF FUJI HEAVY INDUSTRIES MAKER OF SUBARU CARS ASKED AB
OUT STATE OF CAR MANUFACTURING BTWN US & JAPANESE CARS-HIGG
INS**



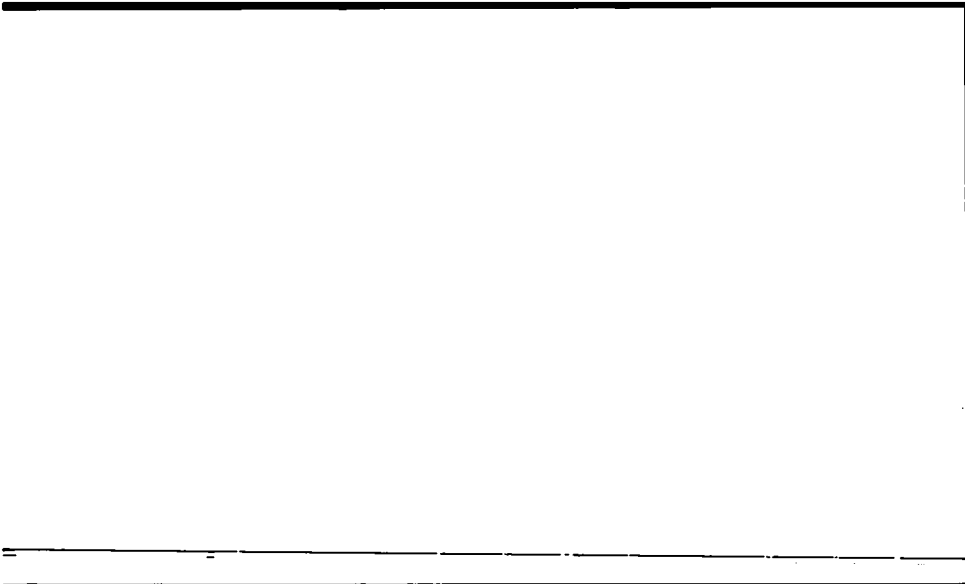
SASAKI, SHIGEKO

MURDER CHG.: JAPAN

1957

JE 24, 10-3

JAP COURT STUDIES APPEAL OF ABOVE & H P AMER. GI SWEETHEART FVT. CRVIS
DOONE DOOMED TO DIE FOR MURDER OF JAP GIRL KIKUKO MURAKI S 4TH

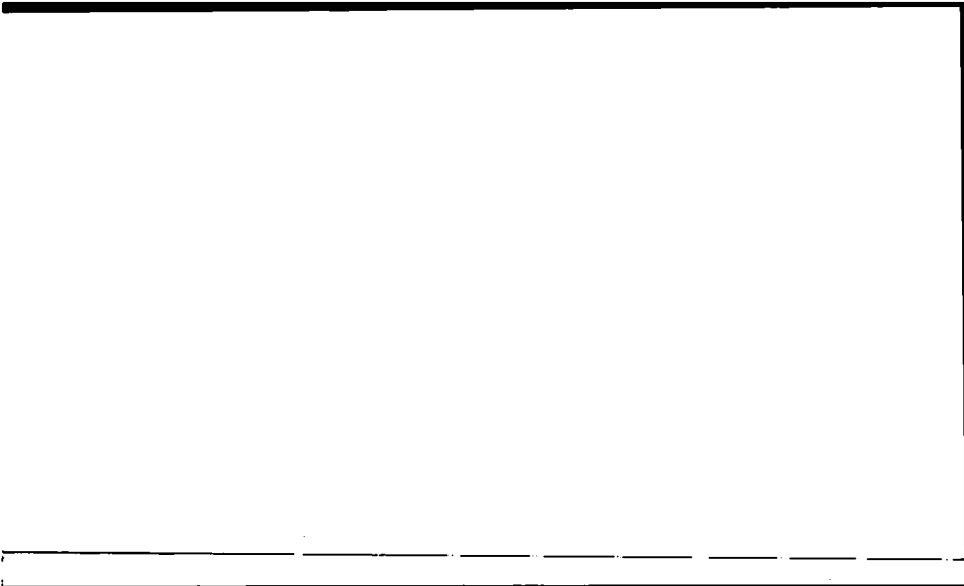


SASANAS, NICK JR. : BANK ACCOUNT

1983

D 9, B-6-10

LANS-MANUFACTURERS BANK NOT LIABLE FOR PAYING SASANAS \$20,000 FROM JOINT ACCOUNT WITH HIS DAD.

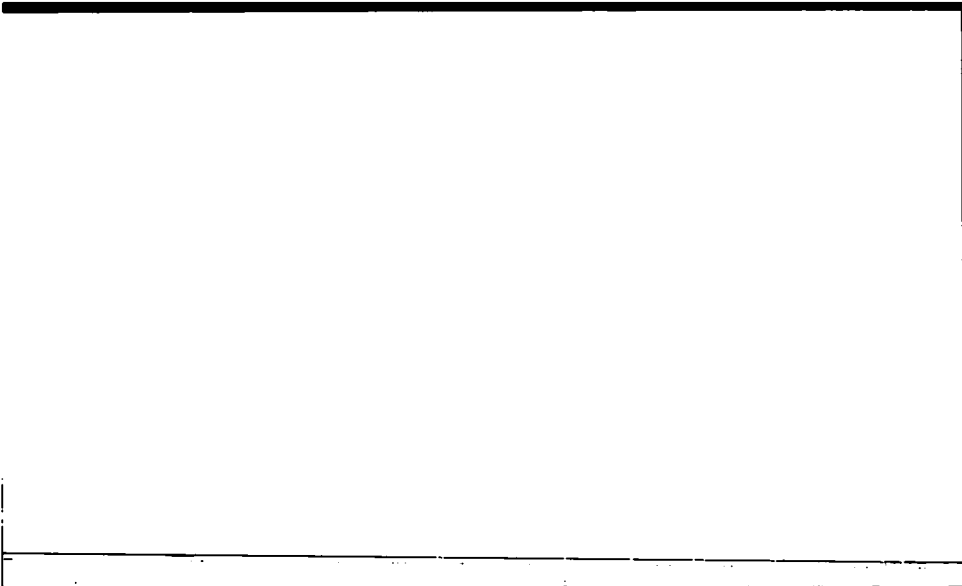


SASAULT, NAPOLEON Z. - URANIUM BUSINESSMAN

1955

AG 25, 1-4

NICH. HALTS ABOVE'S URANIUM ORE DEAL



1969

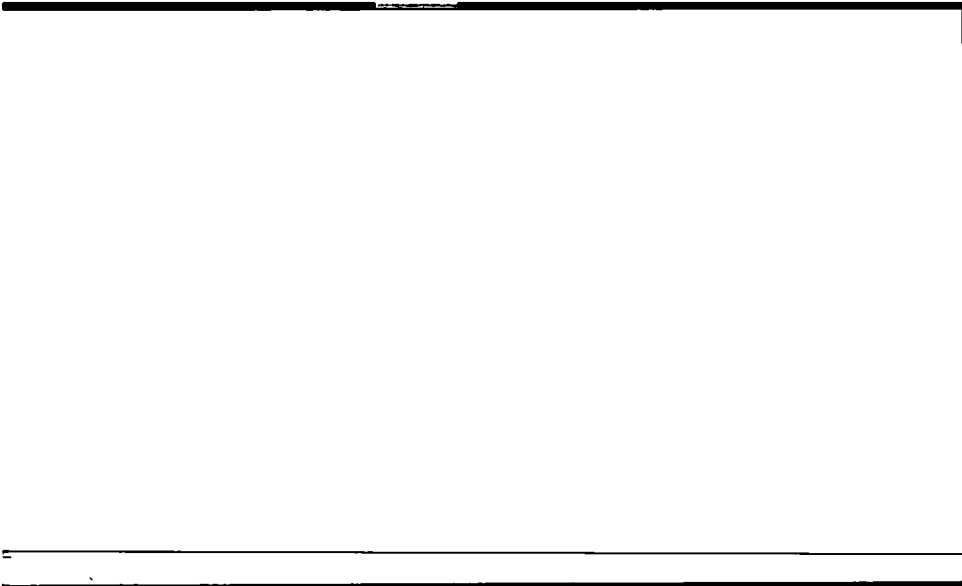
SASEK, TERRENCE: SERVICEMAN

Ag 21, E-1-1 z6

EAST DET.- ABOVE SERVING IN VIET NAM ORGANIZED RESIDENTS
IN HOME TOWN OF E.DET. TO SEND 400 LBS OF TOYS & CLOTHING
TO VIETNAMESE ORPHANS.

O 30, E-4-5 z1

YULE GIFTS TO VIET ORPHANS ARE BOUND UP IN RED TAPE.
ANNENY.

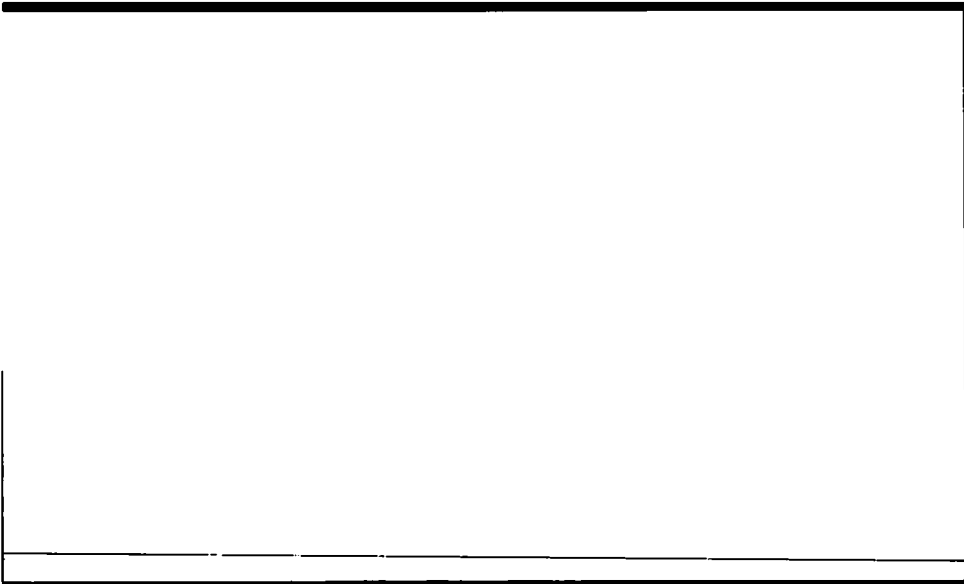


SASFY, CLIFFORD:LAKES 'LOVER

1988

Ja 17, Mag9

& wife Sandra among Michiganians of the yr



SASH, ALBERT : GAS THIEF

1928

Ja 12, 2-7 Final

Judge Van Zile puts him, 17, on probation
for stealing gas from auto tanks

----1929----

O 17, 42-1

Arr. O 15, by Windsor police, admits helping to
steal machine gun fr. Det. Armory, O 5 O 23, 43-6

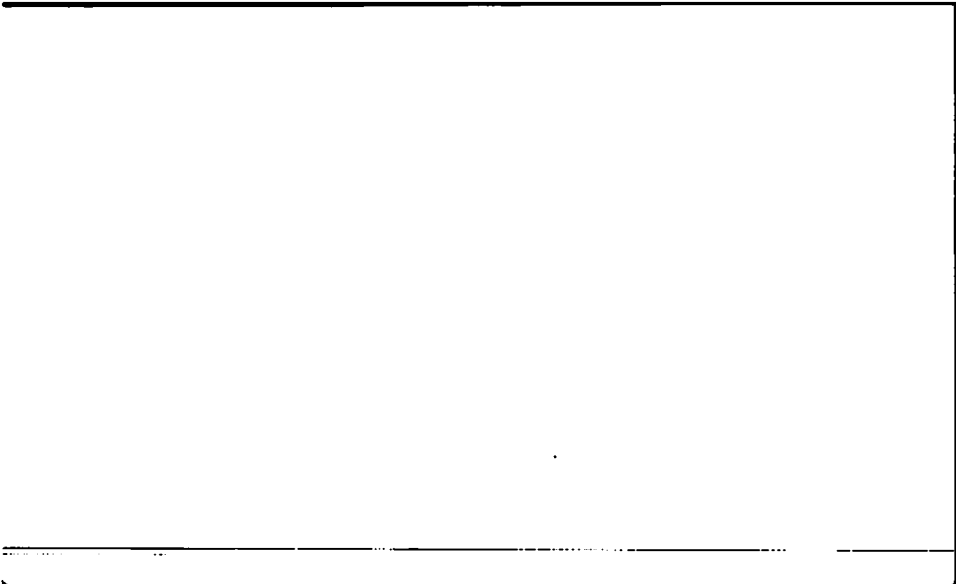
Pleads not guilty, held for Fed. Gd. Jury on bonds
of \$50,000

N 2, 12-3

~~Sentc. to Leavenworth N 2 by Judge C. C. Simons~~

N 3, 1-8-5

Same as above



F 19, 21-1

PROMOTED TO DETECTIVE-SERGEANT

PROMOTED TO DETECTIVE-LT.
TRANSFERED TO MCGRAW STATION

---1960--- N 23, A-14-2
--1961-- JE 10, A-10-3

---1963--- N 14, A-21-1

PROMOTED TO DETECTIVE BUREAU INSPECTOR, RECEIVED SPECIAL PRAISE FROM COMMSR. EDWARDS

---1966--- S 9, A-1-8

NAMED XXXXXX DEPUTY CHIEF OF DETECTIVES-BOLDT

D 4, A-1-6

INVESTIGATING CHIEF OF DETECTIVES VINCENT W. PIERSANTE FOR REMOV-
ING PROPERTY FROM DEPT.-NEHMAN

---1967--- F 28, A-1-7

NAMED CHIEF OF DETECTIVES OF DET POLICE DEPT-BOLDT

----1970-----F 11, C-13-6

EDWARD SASH TO RETIRE AFTER 28 YEARS- PAVICH.

LEFT 3-FOOT CUP ON WOODEN BASE DECORATED WITH PISTOL MARK-
SMEN TO BE INSCRIBED EACH YR WITH NAME OF DETECTIVE WHO
TALLIES HIGHEST SCORE IN MARKSMANSHIP COMPETITION

-1987-

Ja 2, B-7-1

Obit-age 71, died D 31

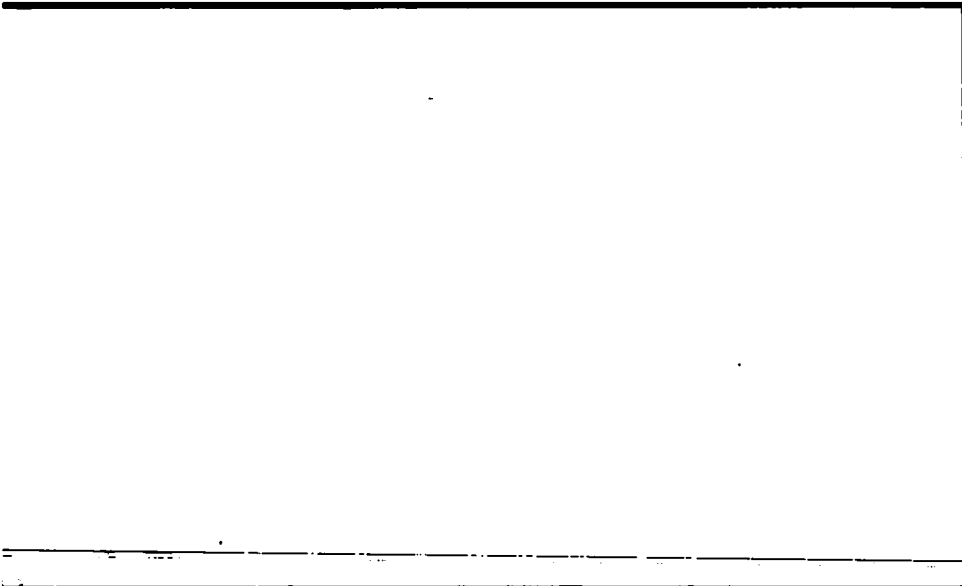
SASIELA, JOHN G. : DETROIT

1944

Form 1656

JE 21, 6-2

FOUND SHOT TO DEATH & HANGING FROM RR VIADUCT IN DEARBORN

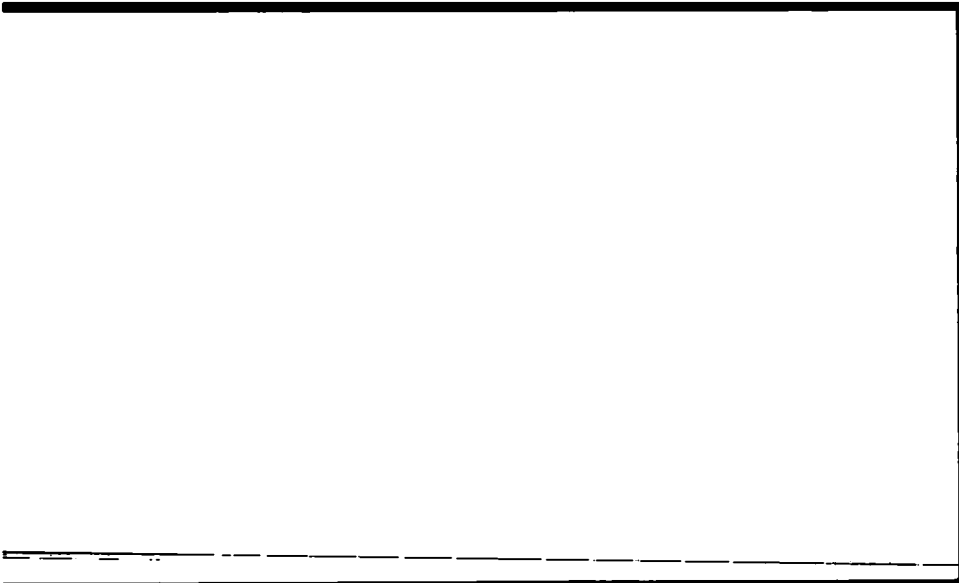


SASINOWSKI, HENRY R: POLITICIAN

1970

DEFEATEDFOR CTY COMM.

AG6, A-22-7



SAS-JAWORSKY, ALEXANDER

TV QUIZ: NEW YORK

1958

CORRECTLY ANSWERS \$64,000 QUESTION ON TV QUIZ SHOW "THE \$64,000 QUESTION" ON CATEGORY AMERICAN HISTORY

JA 29, 53-5

F 12, 32-2

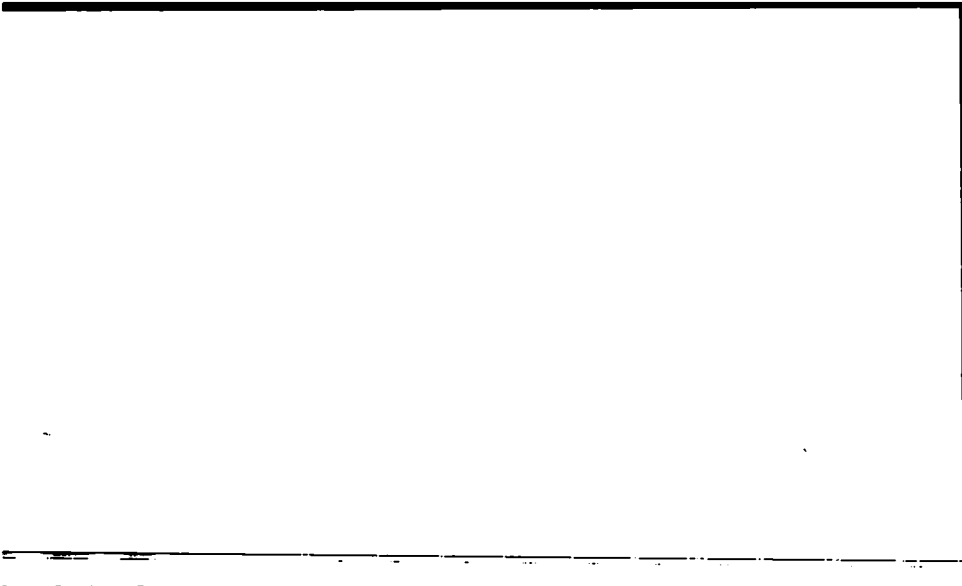
NYC-ANSWERS \$96,000 QUESTION ON TV QUIZ SHOW \$64,000 QUESTION

F 19, 24-1

NYC-ANSWERS \$128,000 QUESTION ON TV QUIZ SHOW

F 26, 19-3

QUITS TV QUIZ WITH \$128,000

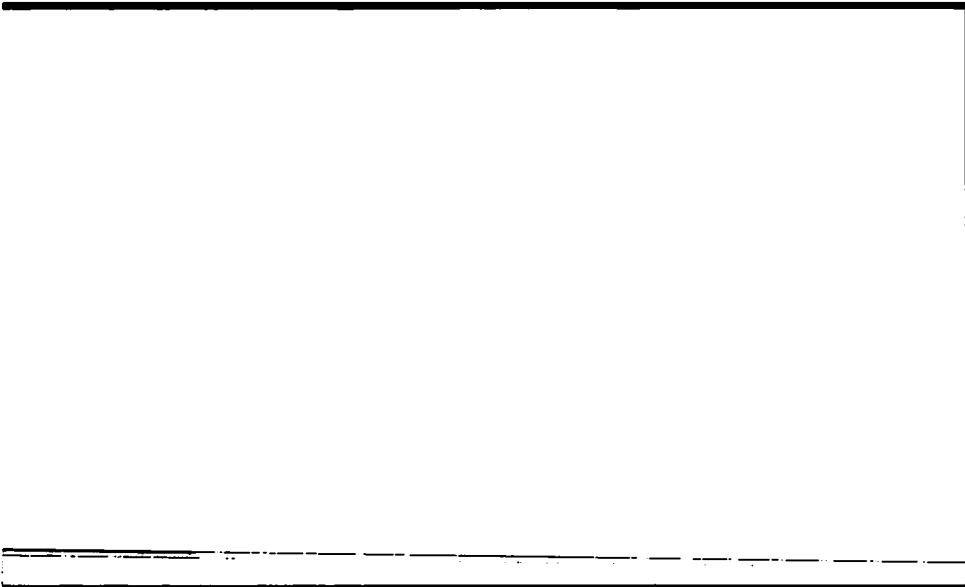


SASKI, FRANK - DET SOLDIER

1945

AP 14, 9-5

WOUNDED



SASLOV, ISADOR: VIOLINIST: DETROIT

1955

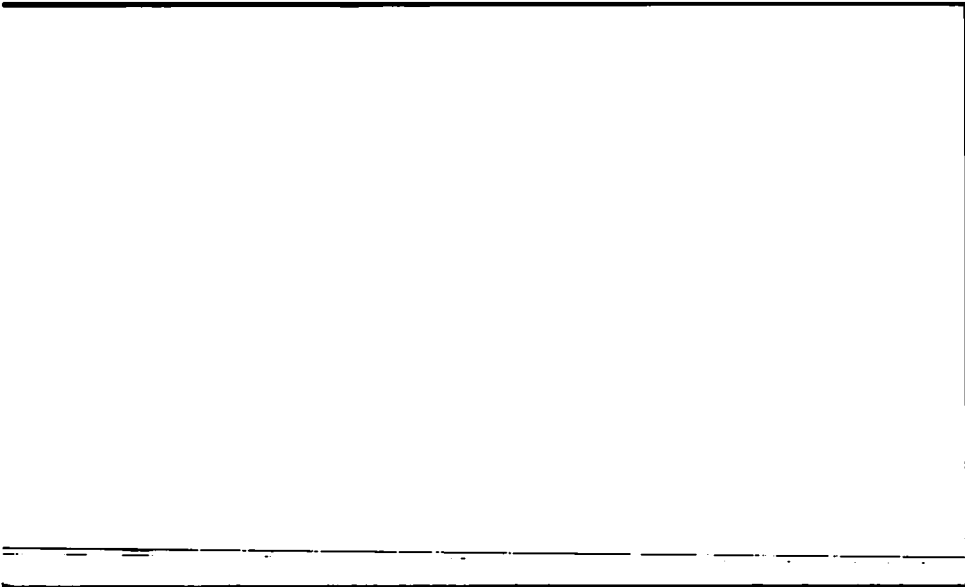
ABOVE, 17, WINNER OF CHAUTAUQUA INST. SUMMER MUSIC SCHOOL AWARD - MOSSMAN
-----1956-----
AG 27, 5-1
r 12, 3-14-4

TO GIVE CONCERT FOR MUSIC STUDY CLUB F 28TH

---1969---

N 17, 8-2-1

AIDED BY MUSIC STUDY CLUB OF DET. MAKES PROFESSIONAL
DEBUTE - GILL.



SASLOVE, ADOLPH - PATENT LAW VIOLATOR 1930

Form 1656

The Detroit News

Ap 25, 1-6

Held with Samuel Fisher, for conspiracy to violate patents on „alemite“ process Ap 26, 2-5

Plead not guilty on arraignment, Ap 25; exam set My 2 Ap 26, 2-1 Home

Arraigned before J.S.Hurd, Ap 25, pleads not guilty, examination, My 2 My 4, 1-24-4

Arr, Ap 25; held to grand jury on examination before J.S.Hurd, My 3



SASLOW DENTAL CO

1987

D 1, B-2-3

Settles with Allen Kaminsky³⁹, Multiple Sclerosis victim
fired after seeking workers comp-Schabath

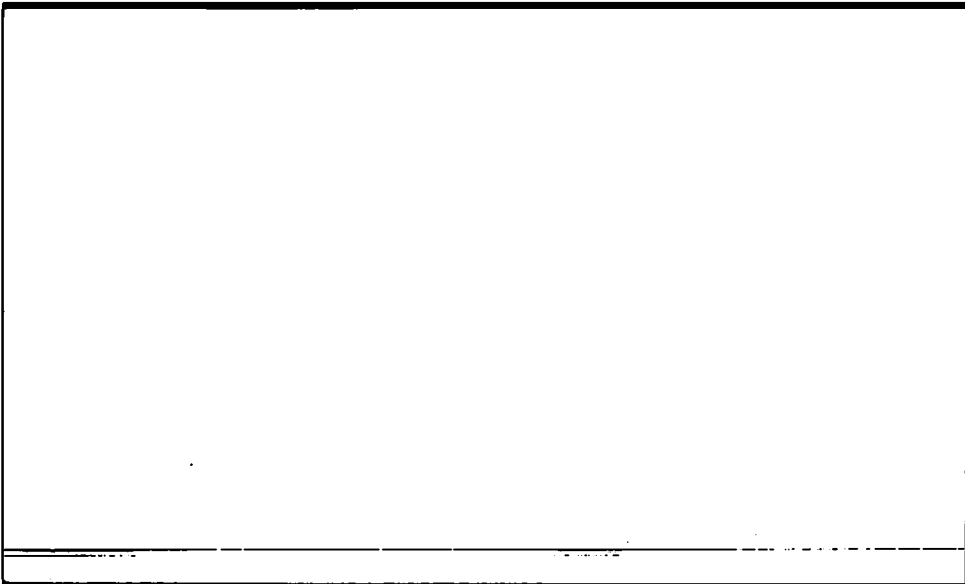


SASQUATCH:

PREHISTORIC ANIMAL:

BRITH.COLUMBIA 1259

KAMLOOPS, B.C. - QUEEN ELIZ. HEARS TALES OF ABOVE, A HAIRY GIANT WHO LIVES
IN MOUNTAINS OF B.C. AG 16, D-10-1

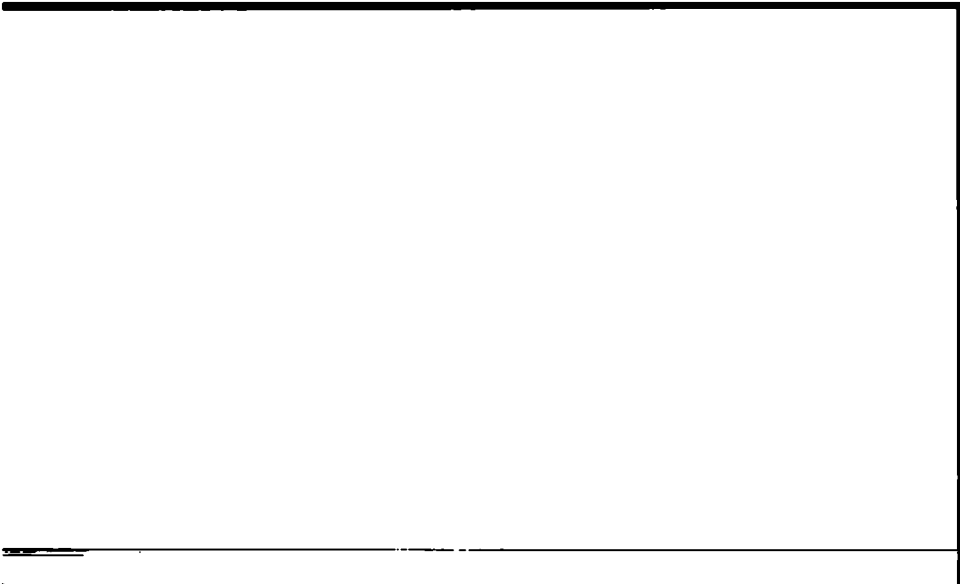


SASS, AMY : LACE MAKER

1972

D 25, C-18-4 D

BORN IN ENGLAND, TAUGHT SELF BELGIAN LACE-MAKING IN 10 YEAR
LACEY

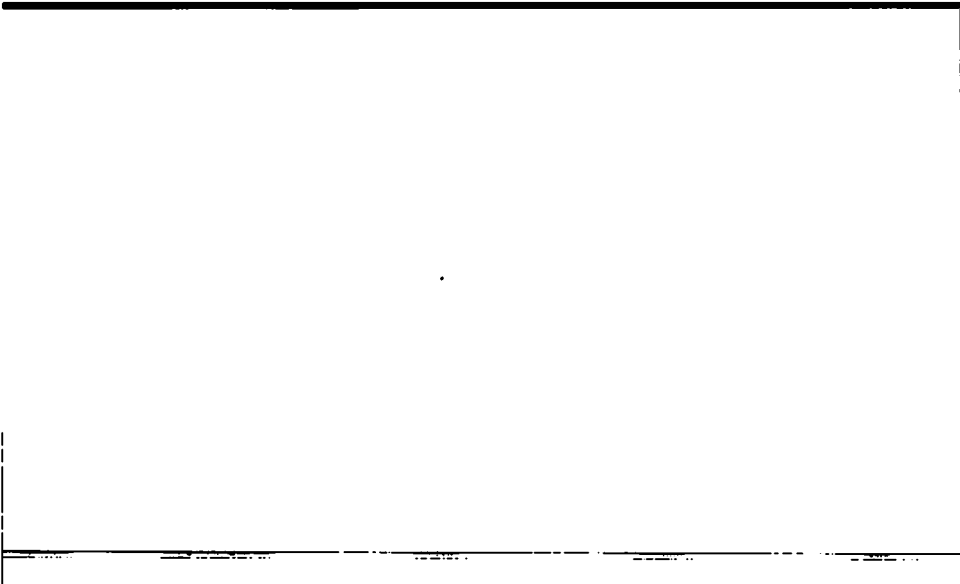


SASS, CHARLES - DETROIT

1945

AG 11, 10-4

& WIFE HELD BY POLICE IN ROBBERY; FOUND HIDING IN HOME CLOSET



SASS, CLARICE : OFFICIAL

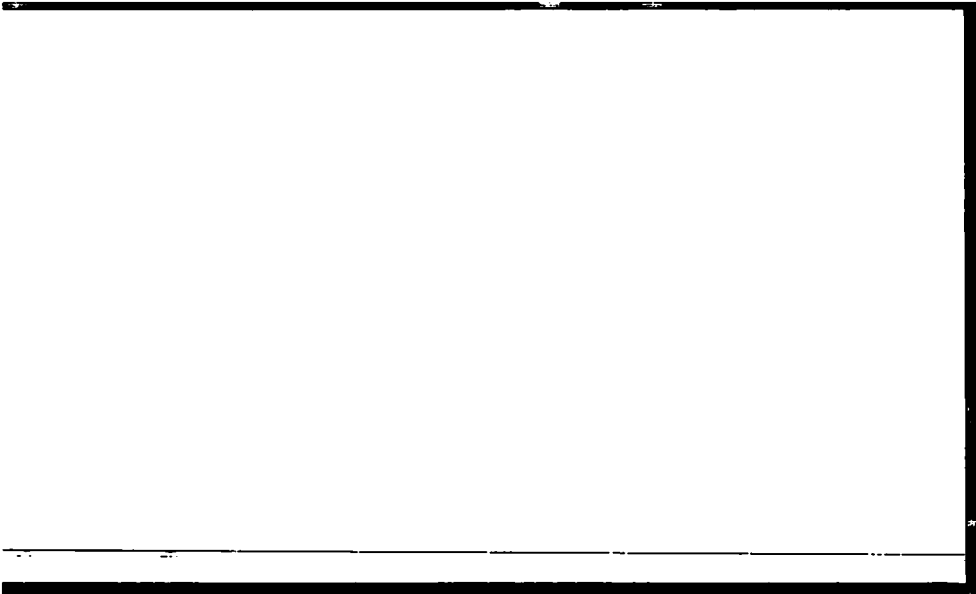
1980

JE 9, B-2-1 E

QUITS JOB AS NORTHVILLE TWP CLERK

AG 5, B-2-1 D

DENIED MAIL, TO ASK THAT POSTMASTER BE CHARGED



SASS, EDGAR:

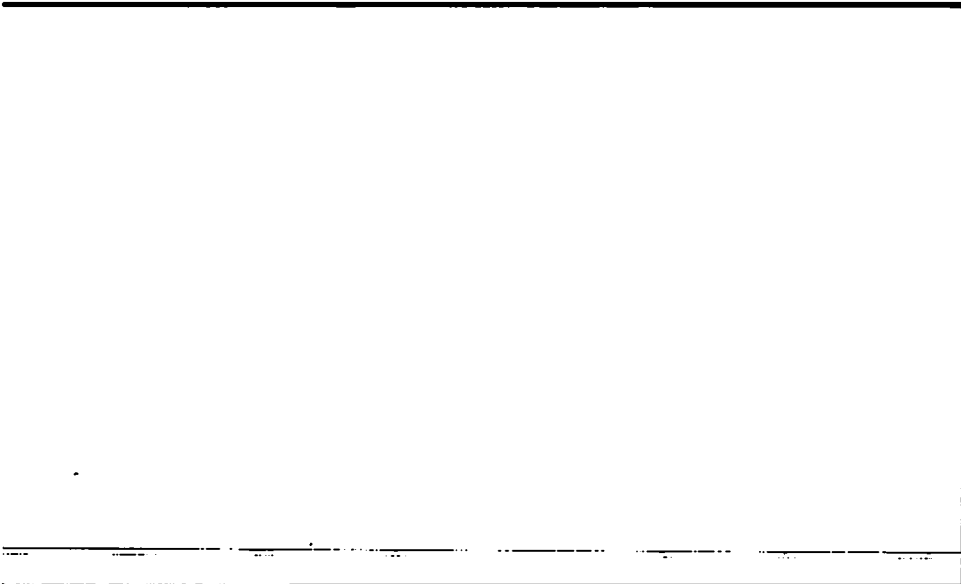
MT.CLEMENS, MICHIGAN

1937

Form 1656

0 8,47-3

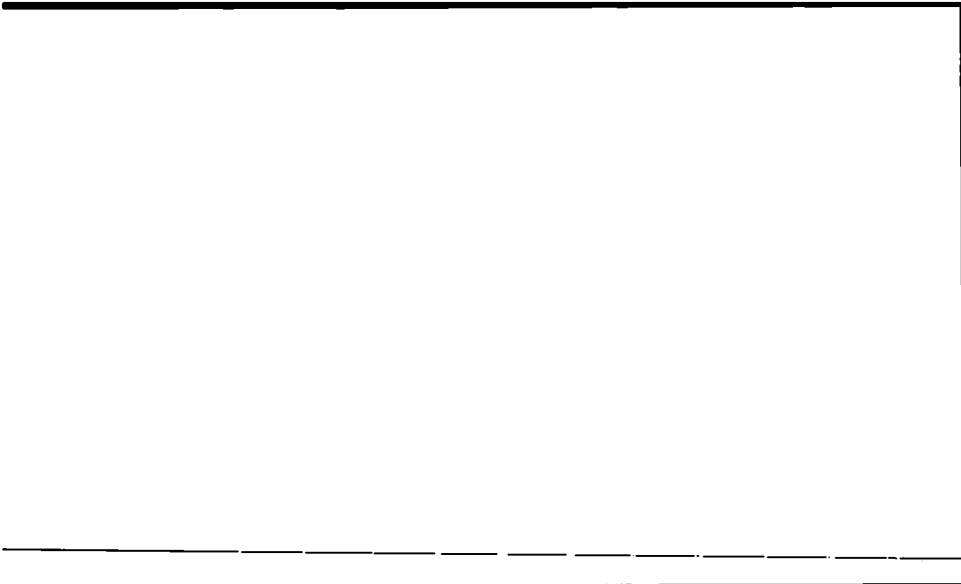
SENTC.FR 3 TO 10 YRS FOR RAPE



1977

~~SASS, FRANK: FBI AGENT Ap1, B-4-3D~~

RETIREDB FBI AGENT PRAISES WORK OF TASK FORCE IN
OAKLAND Co.CHILDREN MURDERS- SMITH



SASS, HERBERT RAVENEL - AUTHOR

1933

Form 1656

The Detroit News

N 26,3-16-7

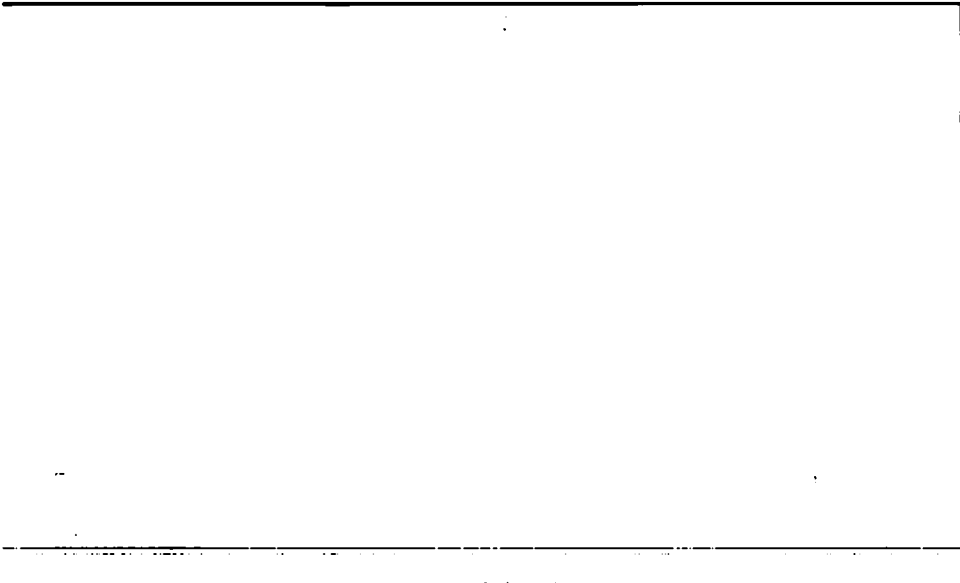
RV - LOOK BACK TO GLORY ~~✗~~

-----1958----- F 20, 37-1

ORIT; DIES AT 75 YRS OF AGE F 18TH IN CHARLESTON, S.C.

F 20, 37-3 1H

ORIT; SAME AS ABOVE



SASS, MICHAEL D. : MURDERED

1967

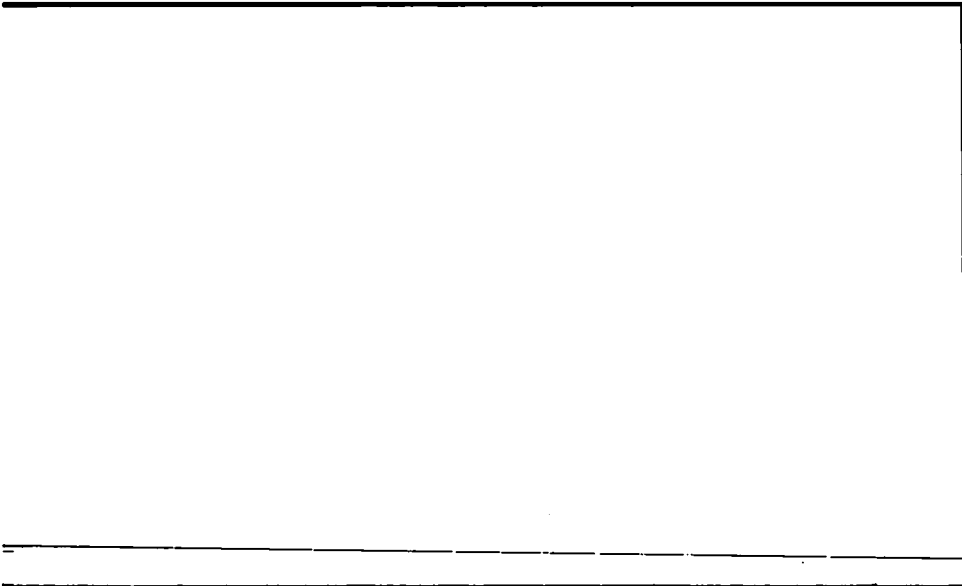
ABOVE SHOT IN DRIVE-IN FOLLOWING TRAFFIC ROW WITH GILES GAL
LAHER

SAME

S 23, A-1-7

S24, A-13-1

4-23 - 1

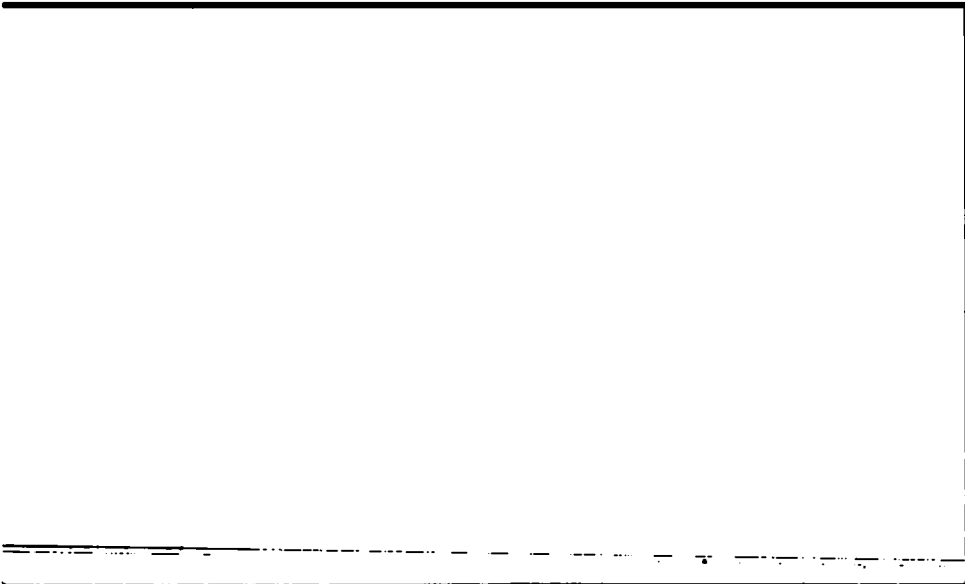


SASS, MIKE JR. - HANTRAMCK SOLDIER

1945

AP 17, 13-3

MISSING

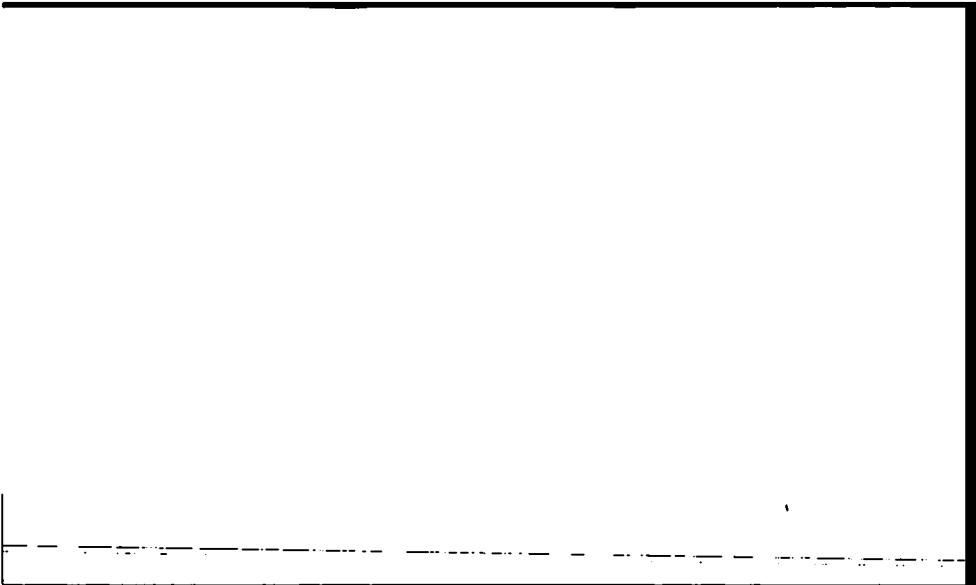


SASS, NORMA - DEARBORN, MICHIGAN

1947

14 YRS OLD; MISSING SINCE Apr 11
STILL MISSING

Ap 16, 3-4
Ap 22, 9-3



SASS, PAUL J.

POLICEMAN: DETROIT

1961

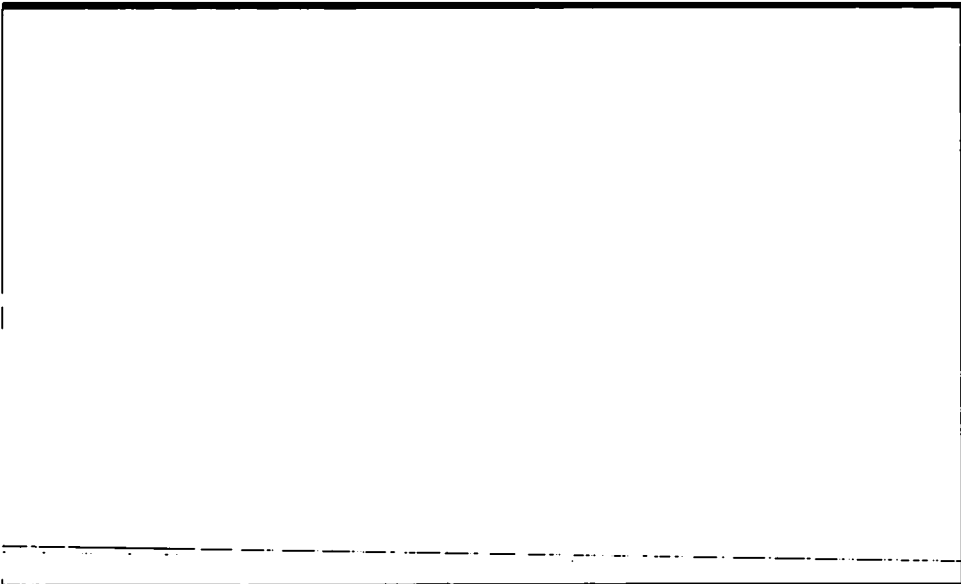
PROMOTED TO DETECTIVE SGT.

D 22, A-13-6

—1966—

MR 24, C-9-6

PROMOTED TO LIEUTENANT

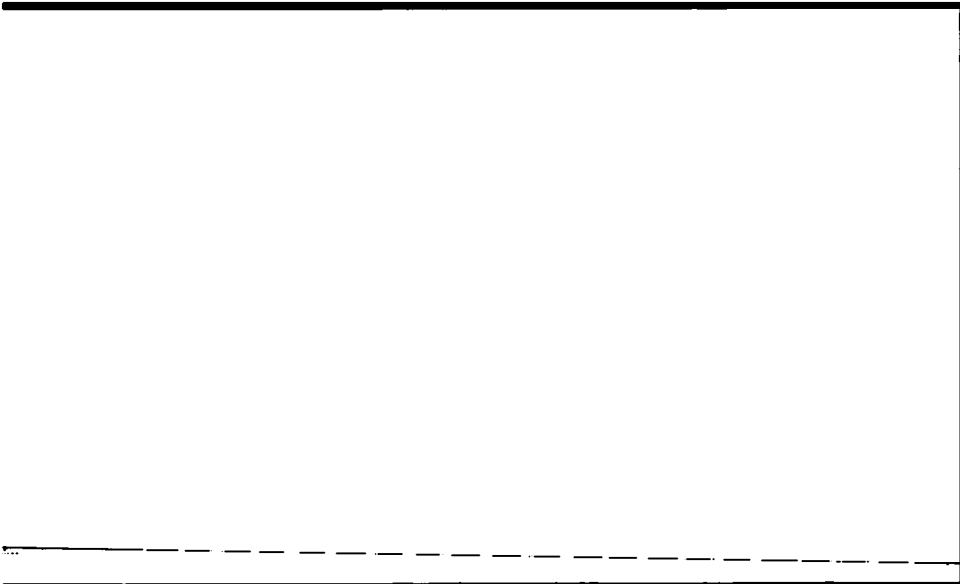


SASS, RICK : DIVING

1997

Mr 20 E-6-1 W

Love of sport has taken him all over the world.

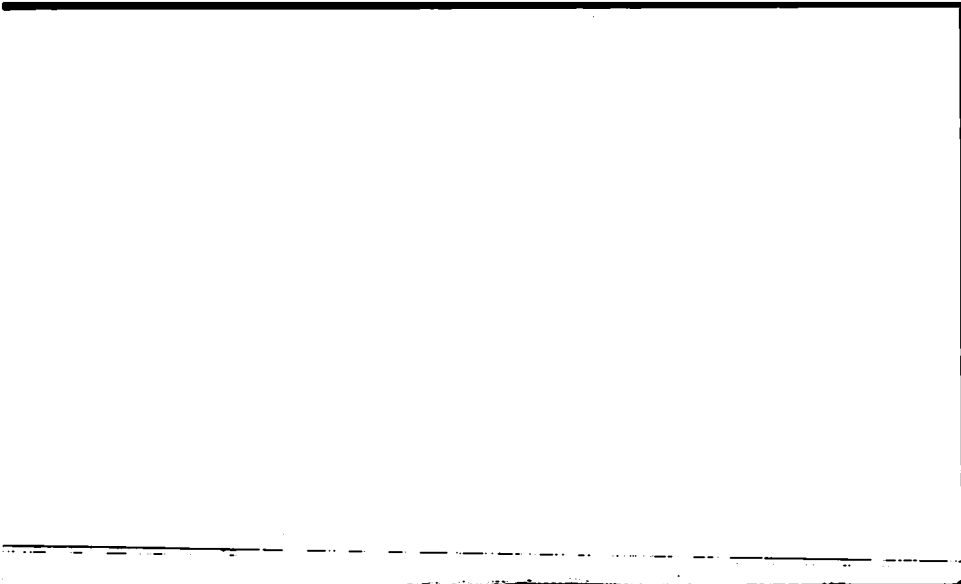


SASS, WILLIAM J. : DET SOLDIER

1944

WOUNDED
WOUNDED, END TIME

N 21: 17-6
D 27: 17-7

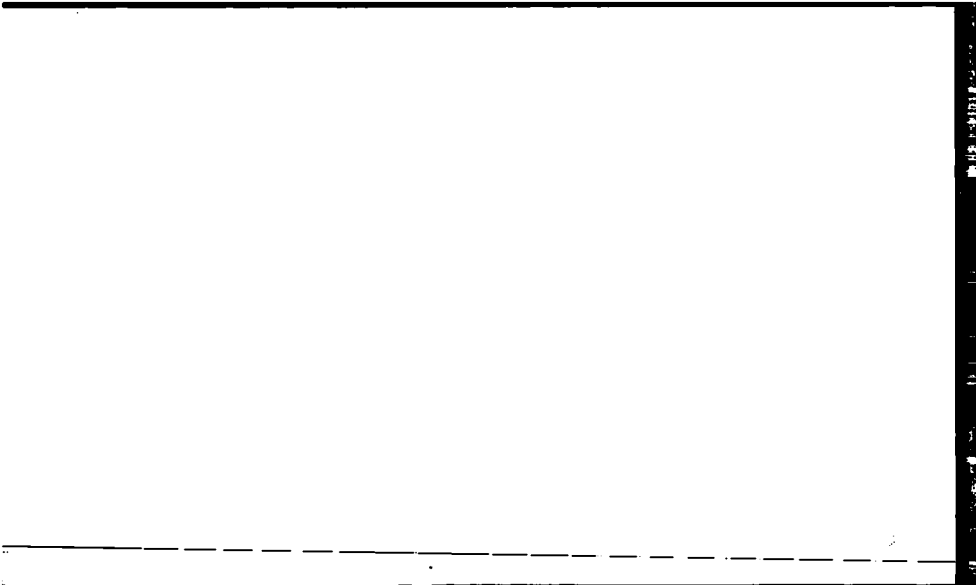


SASSACK, JOHN : SUIT

1993

Je 6 C 3-6 D

Of Livonia may file suit against the city of Westland for tearing down his Urban Cowboy nightclub on Ford Rd & Hix.

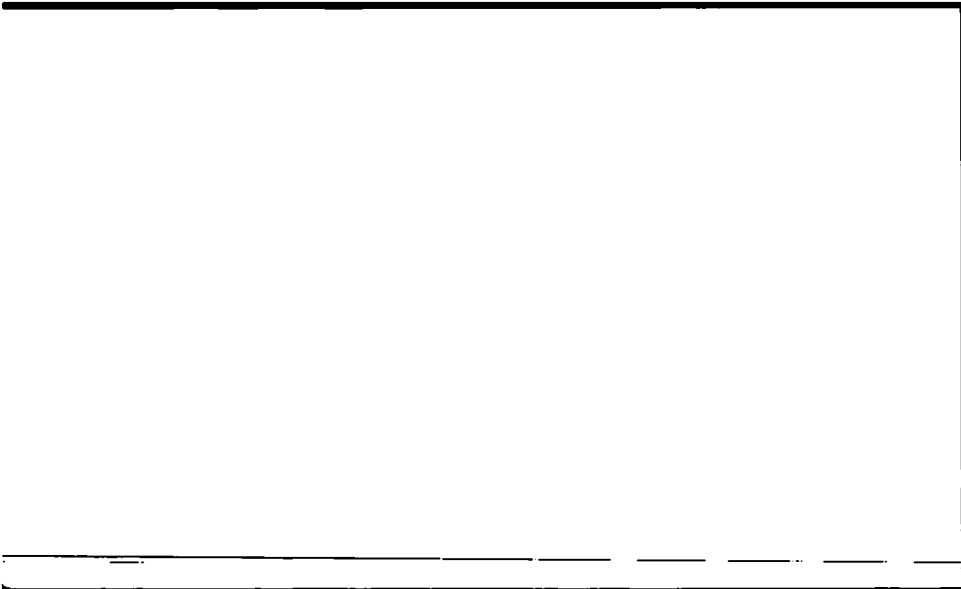


SASSAK, JOHN SR. : INVENTOR

1985

S 19, A-1-2

62, his Livonia firm is maker of a spaceflight-simulation
ride-McCann



1976

SASSAK, JOHN J : GUIT

NY 14, B-2-3 U

OF LIVONIA SUEING DENNY McLAIN OVER BOOK 'NOBODY'S PERFECT'

NY 15, B-2-4

McLAIN SAYS ITS A MISUNDERSTANDING, WANT TO SETTLE OUT OF
COURT-ROACH



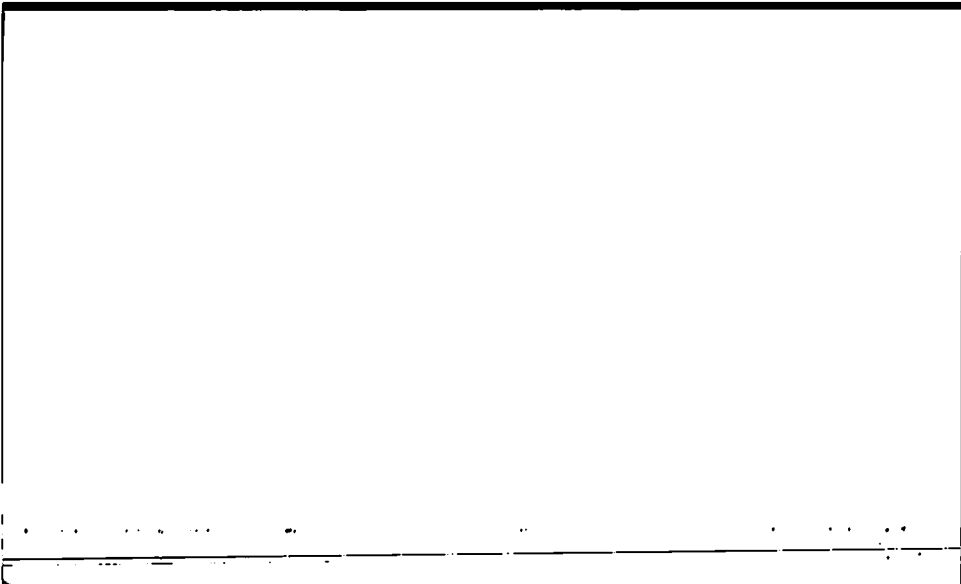
SASSALOS, SPEDOS:

RESTAURANT OWNER:

DETROIT

1961

ABOVE'S RESTAURANT NEAR U OF D RESTAURANT, "PETER PAN"^{013, D-2-4} IS TORN DOWN-
COURTADE



1935

SASSAMAN, DR. FRANK A. -

CHARLOTTE MICHIGAN

Form 1656

MR 8,14-7

PREFERS JAIL CELL TO PAYING \$3750 TO CLIFFORD T BARNES FOR ALIENATION

OF AFFECTIONS
MR 10, 1-1-3

CLIFFORD T. BARNES DOESN'T MIND PAYING TO KEEP ABOVE IN JAIL

MY 4,7-8

STILL IN JAIL IN BALM SUIT SCRAP

JE 2,5-20-2

LOOKS TO ANTI-HEART BALM ACT TO FREE HIM FROM JAIL

JE 9,1-2-8

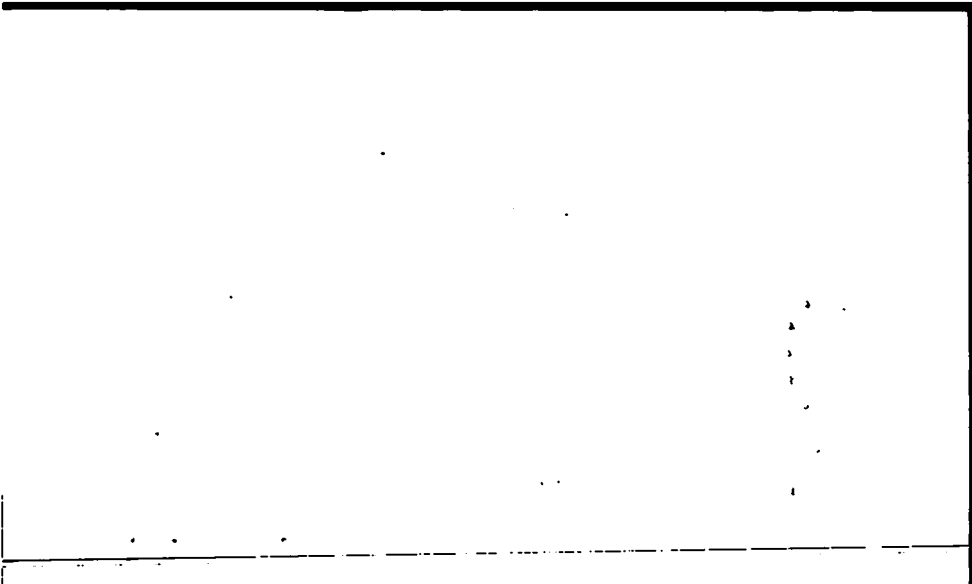
FREED ON BOND

N 16,19-3 NITE

ASKS COURT TO QUASH CAPIAS IN BALM SUIT

N 26,11-3 WSC

FREED FROM JAIL; JUDGMENT STANDS

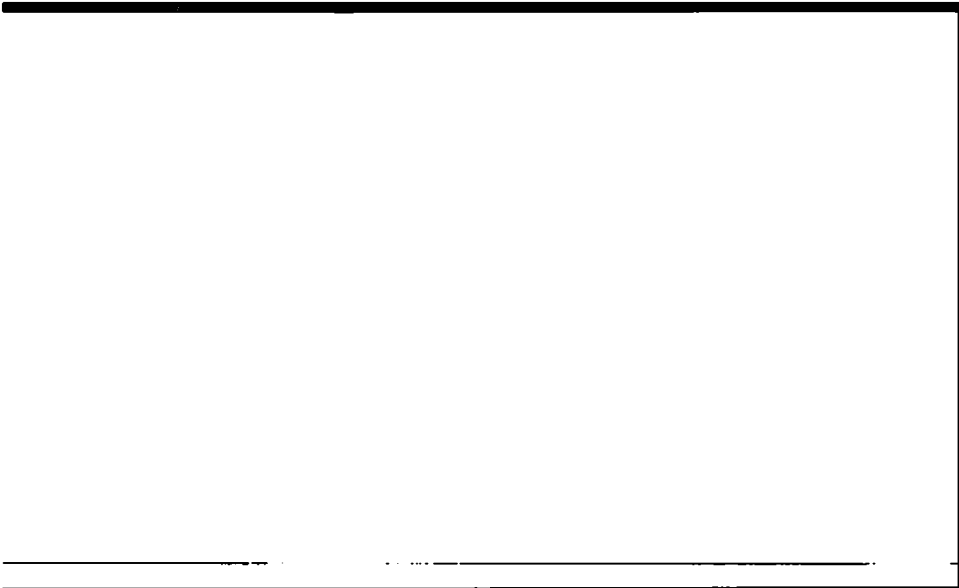


SASSANELLA, FRED : BRIDEGROOM

1985

Mr 20, E-1-2

To wed Fran Woodman at Cobo Hall, at Builders Show-Hofsess

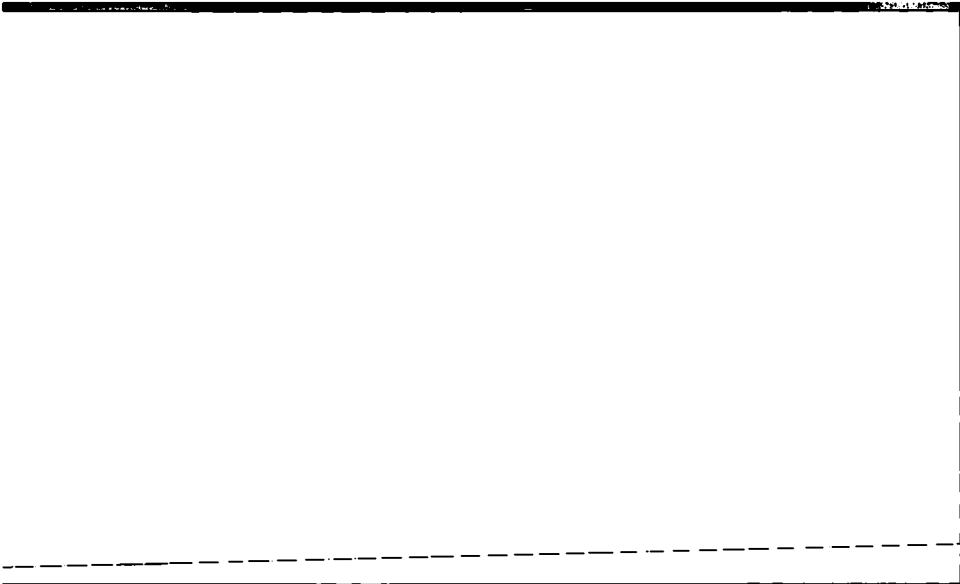


SASSANELLI, WILLIAM : BUDGET RENT-A-CAR CORP.

1995

S 10 B 3-6

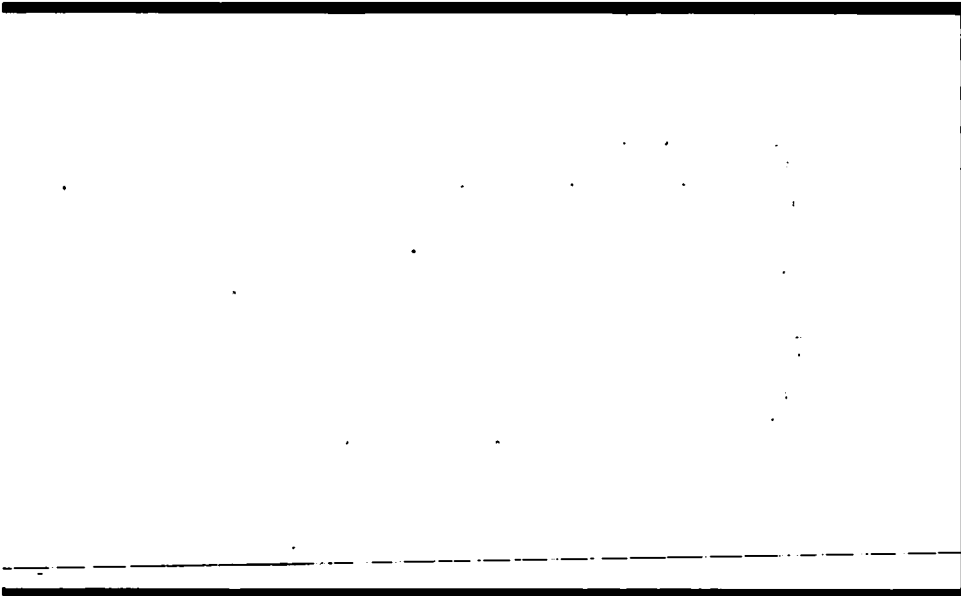
Dearborn-51, local gen.mgr;embezzled over \$800,000 from the
company;sentenced to 5½ yrs;must repay



SASSE, MAJOR RALPH I. : FOOT BALL COACH

1 9 3 0

Form 1656	JA 3, 25-2
WILL COACH FOOT BALL SQUAD OF WEST POINT NEXT SEASON	
---1932---	O 13, 23-8
TO BE SUCCEEDED BY LIEUT. GARRISON H. DAVIDSON AS COACH WEST POINT	
---1933---	F 5, 4-3-2
ORDERED TO REPORT AT WAR COLLEGE AS STUDENT	N 26, 4-6-8
ENGAGED AS HEAD COACH AT U OF KENTUCKY	
---1935---	JA 27, 4-1-8
NAMED HEAD OF COACHING STAFF AT MISSISSIPPI STATE COLLEGE--	
	JA 31, 1-1 SF
DETAILED TO MISS. STATE COLLEGE TO INSTRUCT IN MILITARY SCIENCE	
---1937---	N 10, 25-6
RESIGNS AS HEAD COACH AT MISS. STATE COLLEGE, ILL HEALTH	
---1940---	O 13, 4-1-2
TO RETIRE FR ACTIVE SERVICE N 30	AP 2, 26-6 BS
---1941---	
APPT. DIRECTOR OF ATHLETICS & ASST. TO PRES. AT PENN. MILITARY COLLEGE	
---1942---	JL 8, 21-2
ASSIGNED TO ARMORED FORCE REPLACEMENT CENTER, FT. KNOX, KY.	



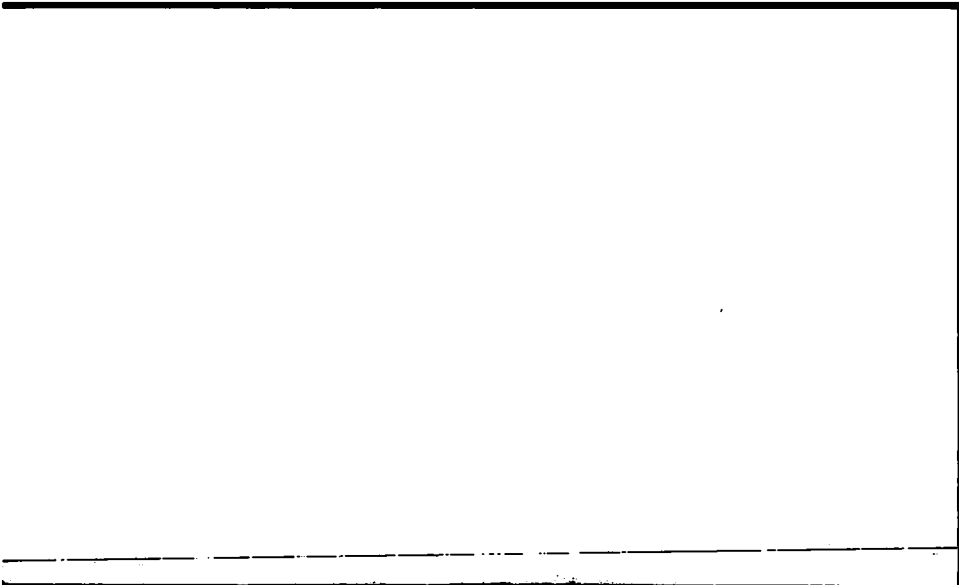
SASSER, BERNARD D. - DETROIT SOLDIER

1945

KILLED ---1946---
AWARDED SILVER STAR POSTHUMOUSLY ---1962---
MOTHER, MRS. THOMAS FITZGIBBONS JOINS BATTLE TO HALT ANNEXATION OF PART
OF EAST SIDE PARK NAMED AFTER ABOVE
PLAYGROUND IN MEMORY OF ABOVE TO BE DEDICATED AUG. 16
PLAYGROUND DEDICATED TO ABOVE ON AUG. 16 - JOHN GILL

AG 16, 23-5
JA 23, 28-5
JA 21, A-1-6

AG 15, C-4-1
AG 17, A-10-1



SASSER, FRANK

MURDER PLOT: DETROIT

1960

HELD FOR PLOT TO KILL WITNESS AGST HIM IN DOPE CASE PENDING IN COURT

JE 1, C-1-2
JE 9, R-4-1

HELD FOR PLOT TO KILL ARTHUR LLOYD

JE 30, A-15-1

DENIES DOPE SALES

AG 5, B-9-2 LF

FACES LIFE IN KILLING PLOT

N 15, C-11-3

GEORGE GRAY, 2ND MAN ARRESTED IN MURDER SPLOT

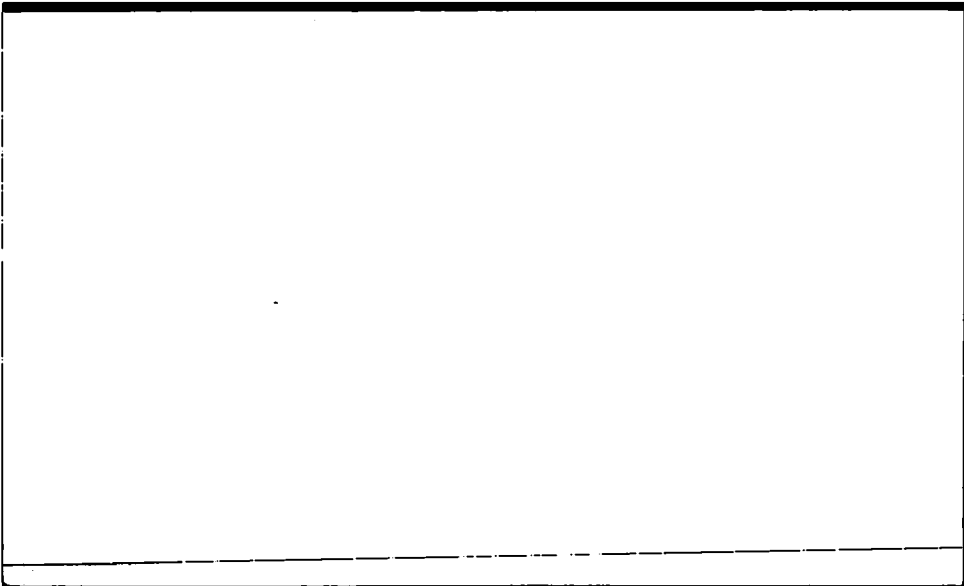
N 28, A-13-1, IN 5

SENTENCED TO 12 YRS. IN PRISON

---1961---

AP 21, C-15-3

HIREG GUNMEN THEODORES R. BANKHEAD SENTENCED TO 25YRS. IN PRISON



SASSER, JAMES : POLITICIAN

1977

DC-D-TENN, REPORT OF FEC INVESTIGATION ^{JA 5, B-7-3} ILLEGALLY REVEALED
BY FEC CHRMN VERNOM W THOMSON TO MELVIN LAIRD (PROBE WAS
OF SASSERS CAMPAIGN FINANCES) ^{JA 9, A-1-6}

⁻¹⁹⁷⁹⁻ NASHVILLE-GETS LETTER CONTAINING \$20 SAYING IT SHOULD BE
GIVEN TO US. ^{MR 1 3, A-6-5}

DC-WANTS TO SAVE $\frac{1}{2}$ BILLION BY CUTTING BUREAUCRATS TRAVEL
EXPENSES ^{MY 29, A-13-5}

DC-GOVT'S SHODDY COLLECTION HABITS COSTING TAXPAYERS MILLION
NS IN LOST INTEREST & BAD DEBTS.

⁻¹⁹⁸⁶⁻ ^{F 19, A-9-2}

DC-wants Congress to halt aid to Philippines ^{My 19, B-5-4D}
Humboldt-Tenn-Leads Dems toward contra support

⁻¹⁹⁸⁷⁻ ^{My 25, A-8-3}

Manama, Bahrain-Says there won't be a cover-up by Navy on
attack on USS Stark

-1994-

Ap 22 A 6-1

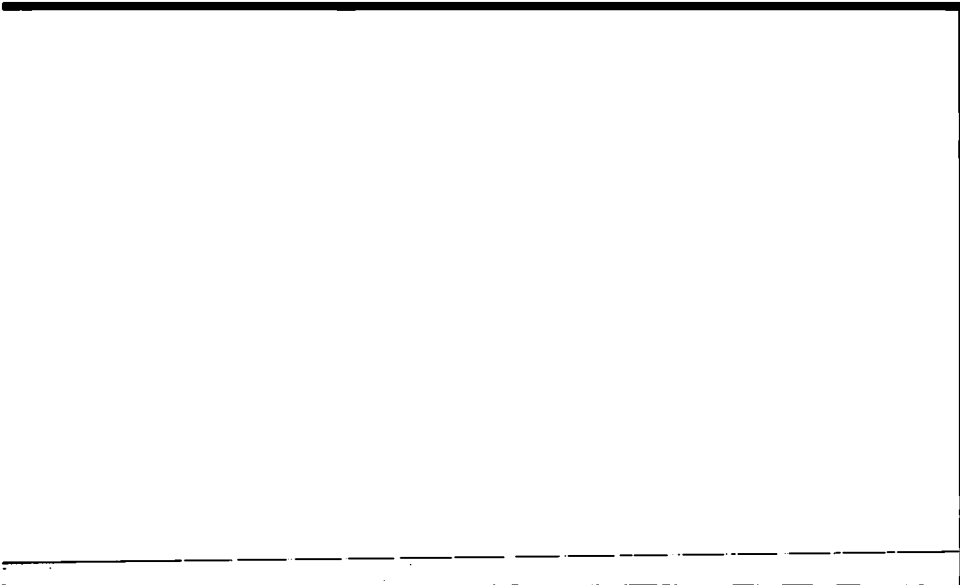
DC-Sent letter to Democratic colleagues announcing his
cadidacy for Senate

SASSER, ROBERT : LIVONIA COUNCILMEN

1960

JE 15, F-13-1 SW

PROPOSES STATE FUNDS BE DISTRIBUTED ON BASIS OF NUMER OF HOMES INSTEAD
OF FED.CENS S FIGHRIJES

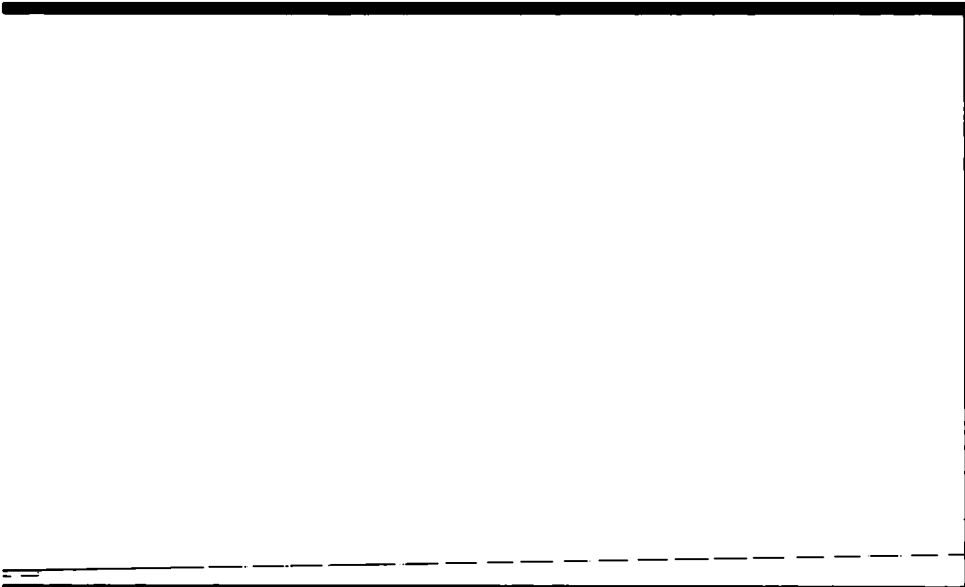


SASSER, SHEILA: BUSINESS EXEC

1988

Mr 15 E-6-4

27; says nothing in her formal education prepared her for the Trying Twenties in the business world.



1951

SASSER, MRS. WILLIAM (AGNES)--- GI "WIDOW"

D 20, 1-3

ATLANTA- LEARNS FIRST HUSBAND ON PRISONER LIST RATHER THAN DEAD

---1952---

JA 10, 25-1

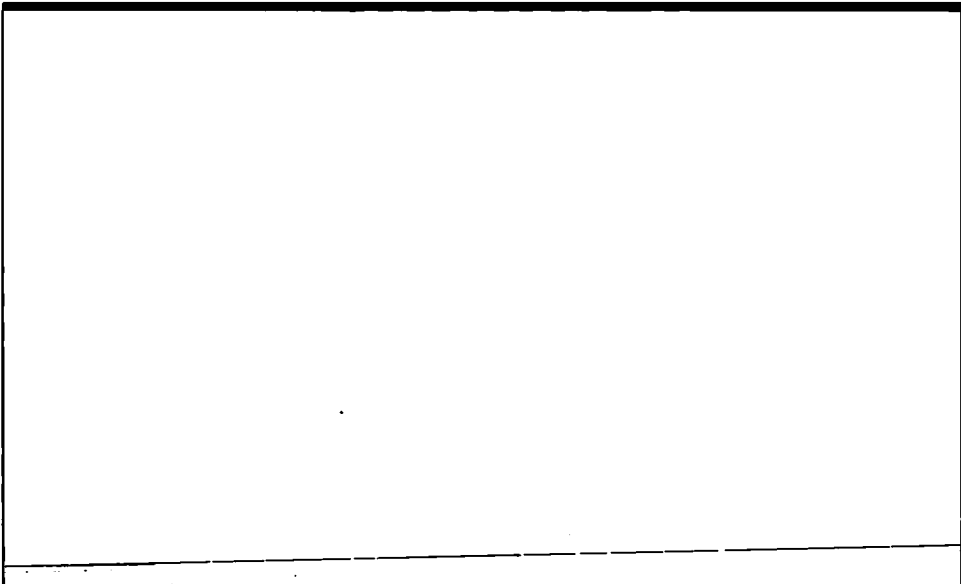
WIFE SUES FOR ANNULMENT TO STAY WITH 1ST HUSBAND JA 28, 1-6

TOLD BY ARMY HUSBAND No.1 IS ALIVE FOR SURE

---1953---

S 3, 10-1

ABOVE HAS NO ANSWER WHEN ASKED WHAT SHE WILL DO; RELEASED S 1

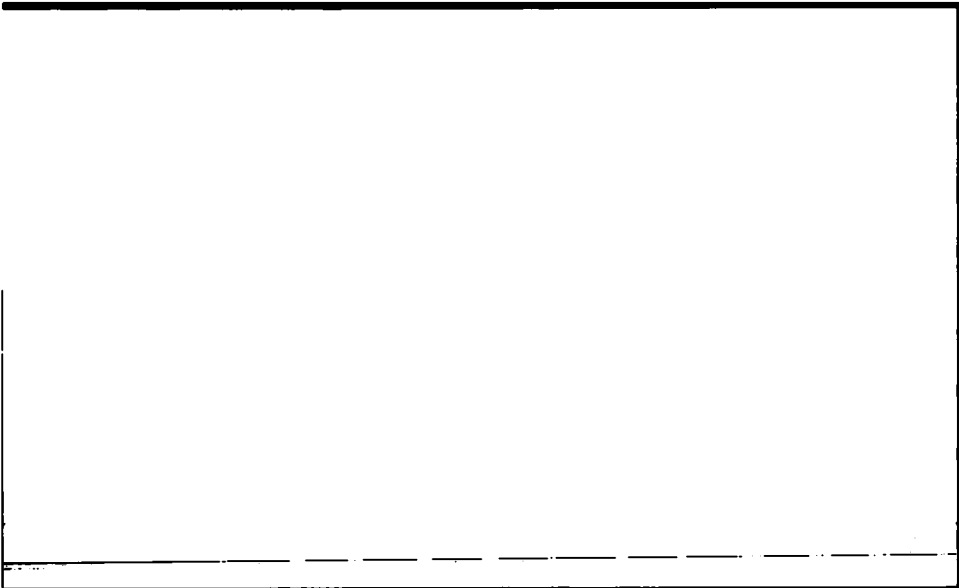


SASSIN, AGNES : BUSINESSWOMAN

1993

Jl 11 E 9-1

Owens a shop at the DRC where she sells gifts etc; held a going out of business sale when the track asked for 20% of her take. - Eckman



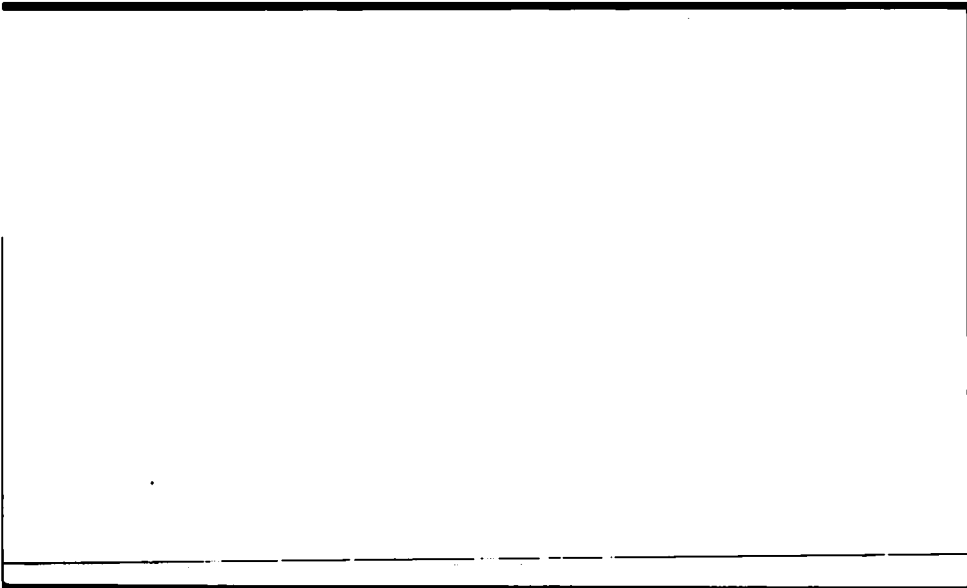
SASSIN, MICHAEL:

ASSAULT CHG.: DETROIT

1957

F 6, 23-1

GIVEN 60 DAYS FOR KICKING COP WHO STOPED HIM IN HIS CAR FOR NOT HAVING TAIL LIGHTS



1947

SASSIN, JAMES : MICHIGAN STATE FAIR EMPLOYE

S 4, 2-5 BS 2

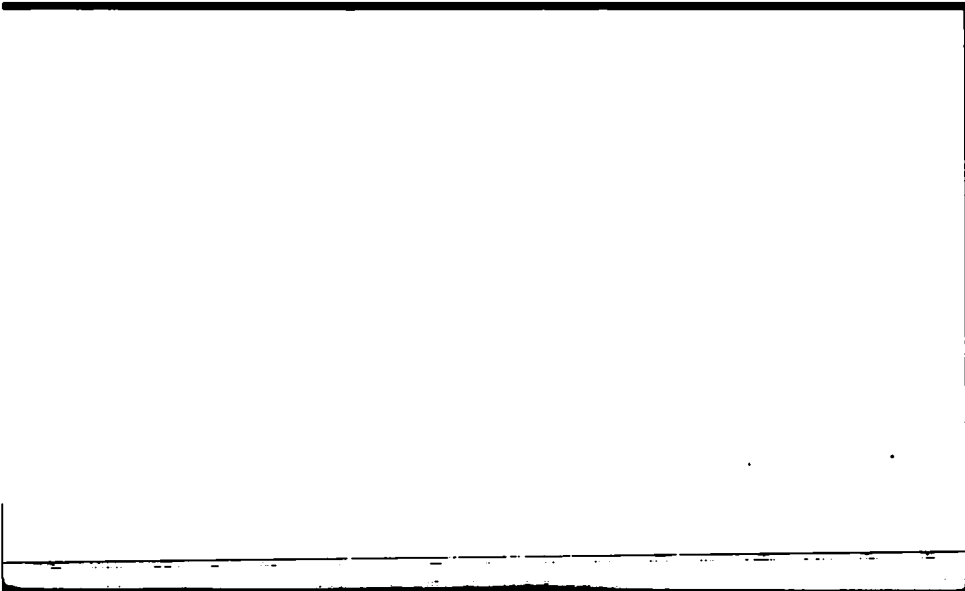
ARRESTED FOR RESELLING TICKETS COLLECTED AT GATE

---1949---

AG 8 4-7
O 21, 30-2

ADMITS PART IN ROBBERY OF WALTER B. CARY

GIVEN 2 TO 15 YRS AS BANDIT

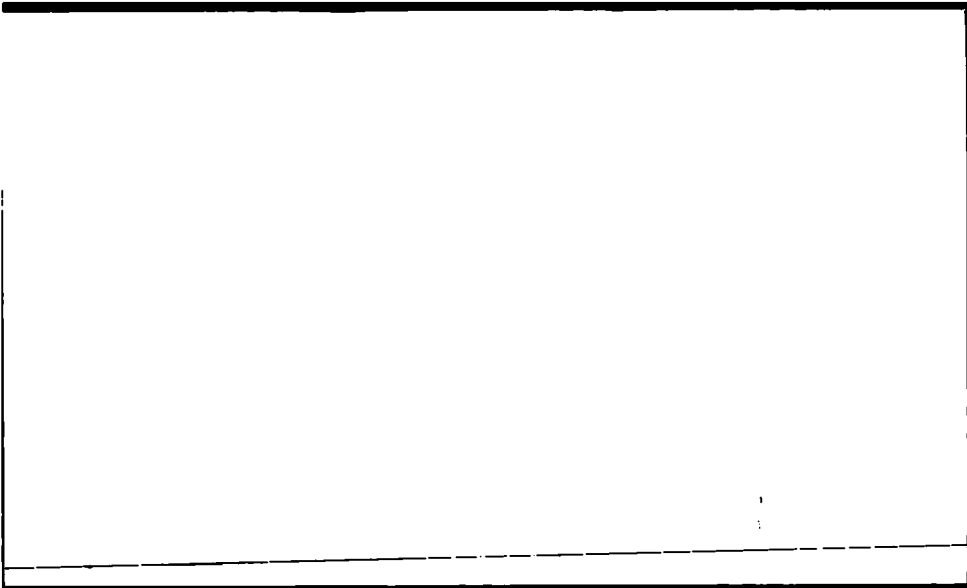


1949

~~SASSIN, JOSEPH - ROBBERY CHG~~

AG 11, 11-1
AG 19, 9-2

FACES EXAM FOR ROBBERY WALTER D. CAREY
HELD FOR TRIAL; PLEADS INNOCENT

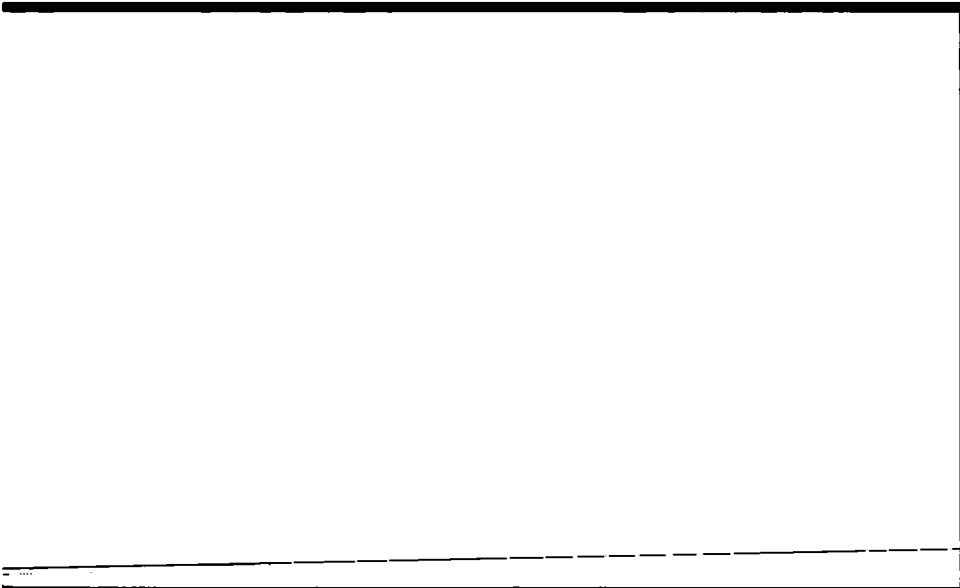


SASSIN, MICHAEL: TEAMSTER

1969

F4, A-4-7

**ACCUSED BY A GRAND JURY OF ILLEGALLY RECEIVING MONEY FROM
AN EMPLOYER.-CARLISLE.**



SASSIN, MICHAEL I.:

ASSAULT CHG.: DETROIT

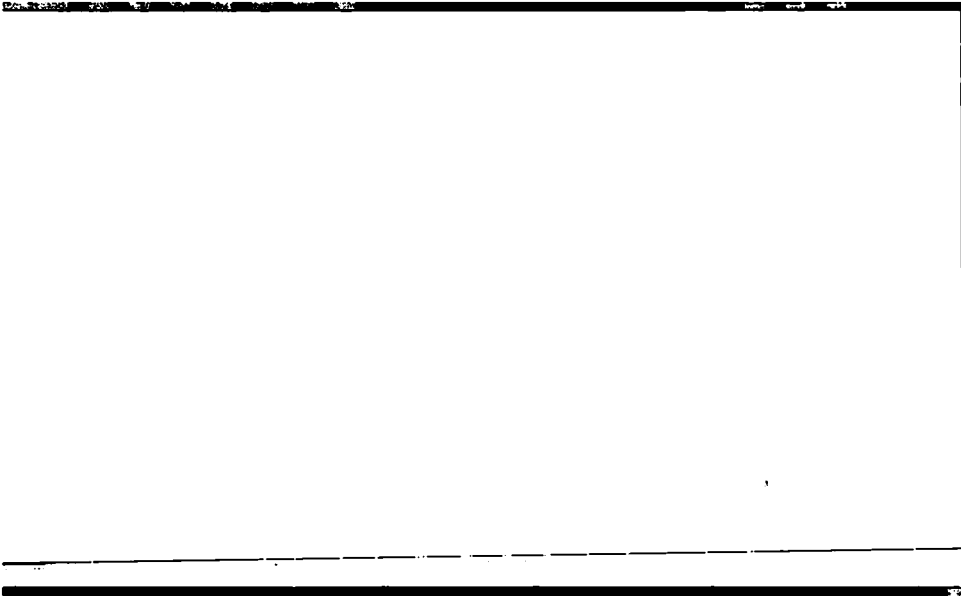
1956

HELD FOR BEATING UP TRAFFIC COP ALEX CHERNENKOFF
PLEADS INNOCENT ASSAULT CHARGE
NOW HELD FOR PASSING A BAD CHECK, ALSO

\$ 15, 1-1

\$ 18, 35-6

\$ 26, 22-4

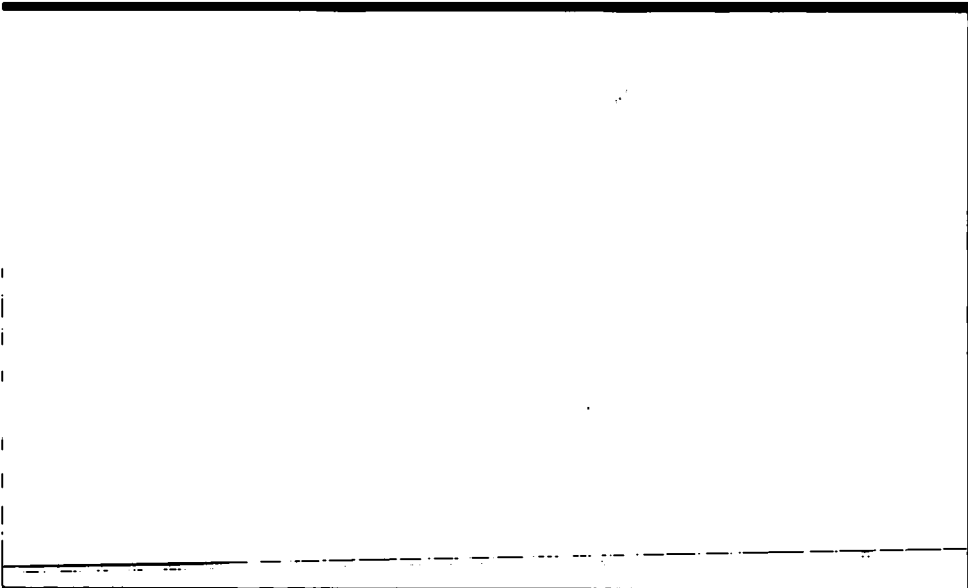


SASSIN, SASSIN J. - DET SOLDIER

1945

NAZI PRISONER
FREED FROM NAZIS

F 8, 25-6
JE 7, 25-8

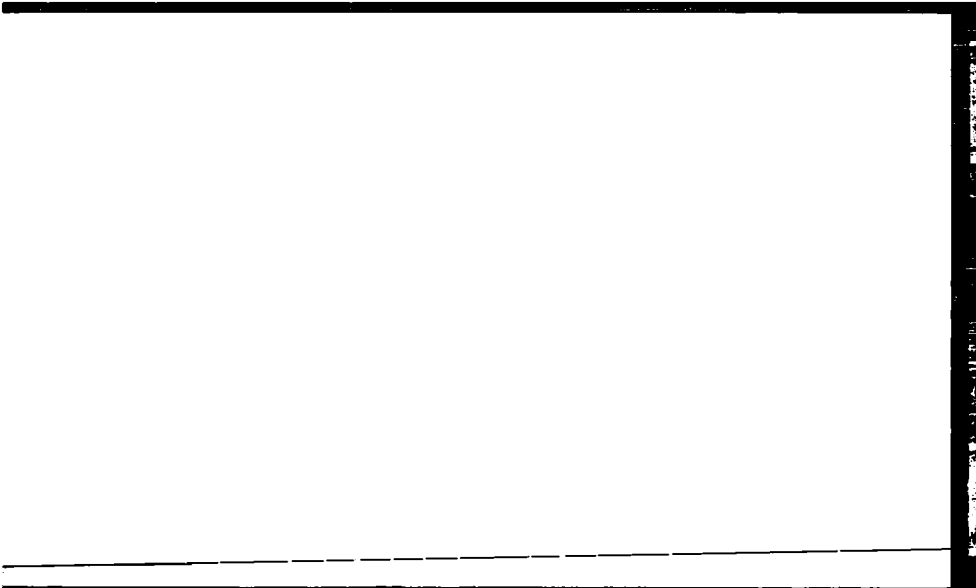


1978

SASSO, JOE - RADIO PERSONALITY

O 27, G-4-1

MAY BE ON WAY OUT OF WXYZ-FM, BUT WON'T ADMIT IT



0 1 A-3-4

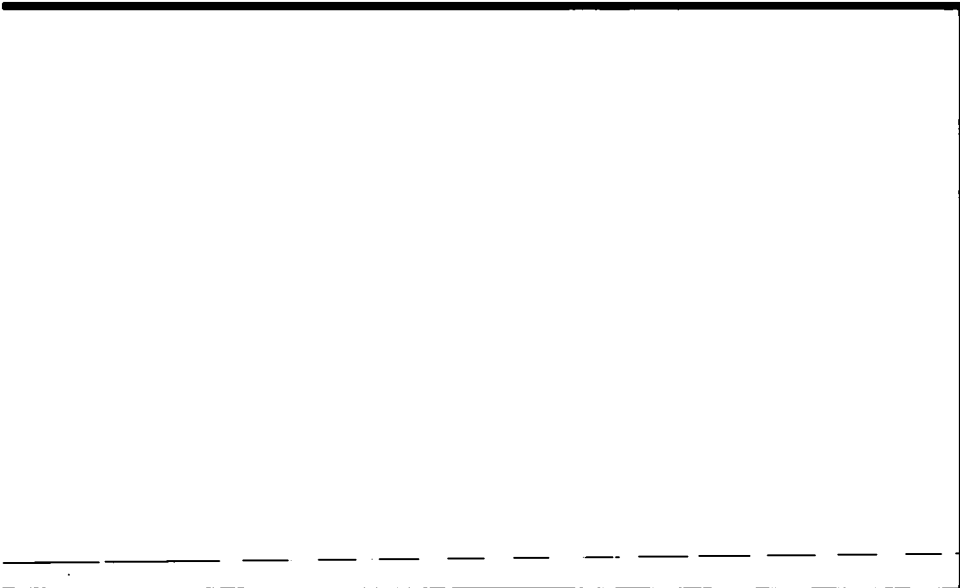
Boston-Aide to pres. candidate Dukakis, he launched plagiarism attack against Biden that sabotaged Biden's bid for presidency.

-1988-

S 3 A-3-2

41; rehired as Dukakis campaign mgr. S 4 A-14-1

Returned to Dukakis campaign after yr in exile at Boston ad agency.--Edit

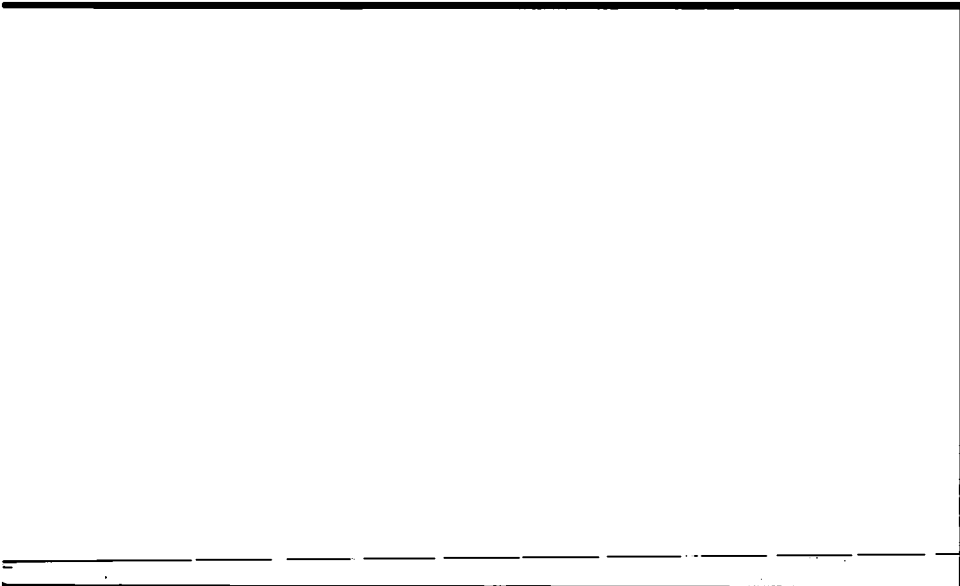


SASSON, MICHAEL J: FORGERY CHARGED

1970

JL 18, A-5-5

CO NVICTED IN FED. COURT OF CASHING FORGED \$4091.70
CHECK INTENDED FOR DET. WODOW.



0 10, 20-6
British air man to visit Det. and Selfridge
Field

0 25, 16-3
AIR SECRETARY VISITS DET. AIRCRAFT PLANTS.

0 25, 1-2MARK
HE GETS RIFE IN NEW FORD CAR DRIVEN BY HENRY FORD.

0 26, 34-1
IN DET. ON 2 DAY INSPECTION OF LOCAL AIRCRAFT. 026,34-2
ONE OF RICHEST MEN IN WORLD, EVADES MATRIMONY.

0 26, 1-2 MAIL
GUEST OF HENRY FORD, ACCOMPANIED BY LT. LESTER J MAITLAND
N4, 38-4
WM. MCCrackEN WELCOMING ABOVE .

---1930--

JA 31 6-2

GETS \$750.000 LEAGACY BY WILL OF HIS COUSIN DAVE
R.SASSON.

---1939---

DE 3, 5-5

DIED JUNE 3RD

JE 4, 1-15-5

OBIT.

AG 15, 27-5 BL ST.

ESTATE VALUED AT \$ 9,111, 455

SASSOON, SIR VICTOR - BRITISH STATESMAN

1946

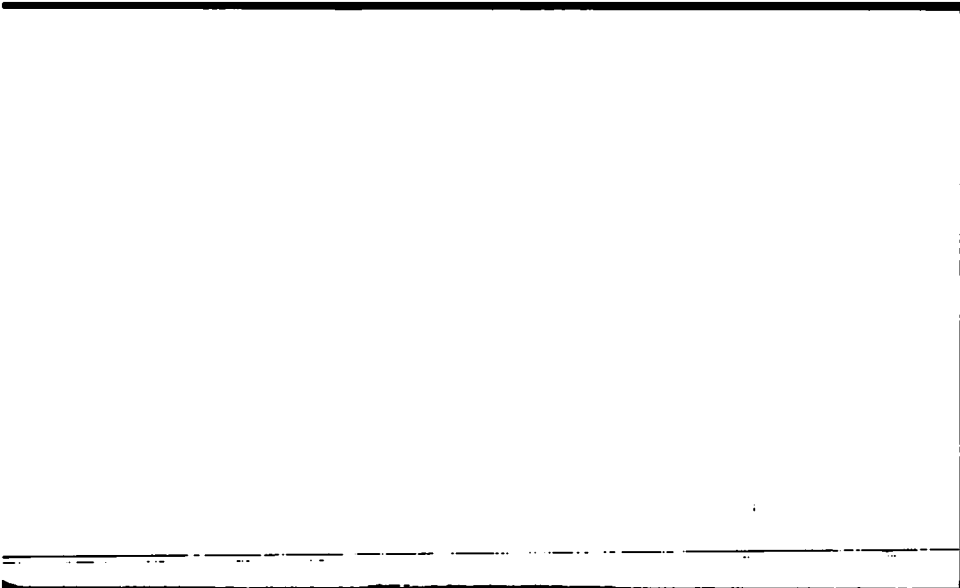
BEQUEATHED \$25,000 BY WILL MRS LUCIA STELIANA MITTNER

AG 9, 9-3

--1961--

OBITUARY; DIED AG 12TH AT AGE OF 79 IN NASSAU, BANANAS

AG 14, A-20-6



SASSOON, VIDAL - LONDON HAIR STYLIST

1965

N 22, P-1-1

**GAVE LECTURE & DEMONSTRATED HAIR CUTTING & DESIGN AT PONTCHARTRAIN
HOTEL N21 AT SHOW SPONSORED BY J & C HAIR PRODUCTIONS-RICKMAN**

-1972-

N 12, F-9-1

**GETS STATIC FROM FANS CONCERNING TELEVISION COMMERCIALS.
SLATER.**

-1975-

D 15, A-3-5

**AMER JEWISH CONGRESS PRESENTS 1ST BEAUTY HALL OF FAME AWARD
FOR BIGHTING WITH VALOR IN GAZA STRIP & BEAUTY ACHIEVEMENTS**

-1984-

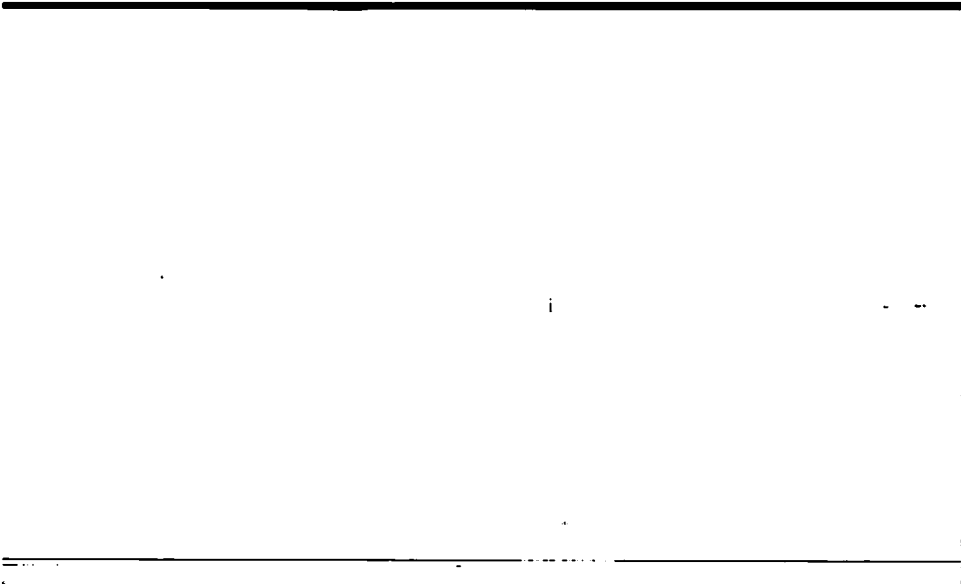
JE 10, J-3-1

TO DO COMPLETE MAKEOVERS FOR OLUMPIC ATHLETES-COLBORN

-1993-

Mr 4 F 1-1

**International exhibit,which ends 12day stint at Fashion
Instit of Tech in NY-Book,Vidal Sasson:Fifty Years Ahead
-Weinstein**



SASWAY, BENJAMIN : DRAFT RESISTER

1982

JL 27, A-1-1

SAN DIEGO-AGE21, INDICTED; WOULD DO IT AGAIN-FREEDBERG

Ag 25, A-10-1

SD-TRIAL OPENS

Ag 27, A-2-1

SD-CONVICTED

S 3, A-4-2 2DOT

SF-BAIL ~~REXX~~ DENIAL UPHELD

O 5, A-2-1

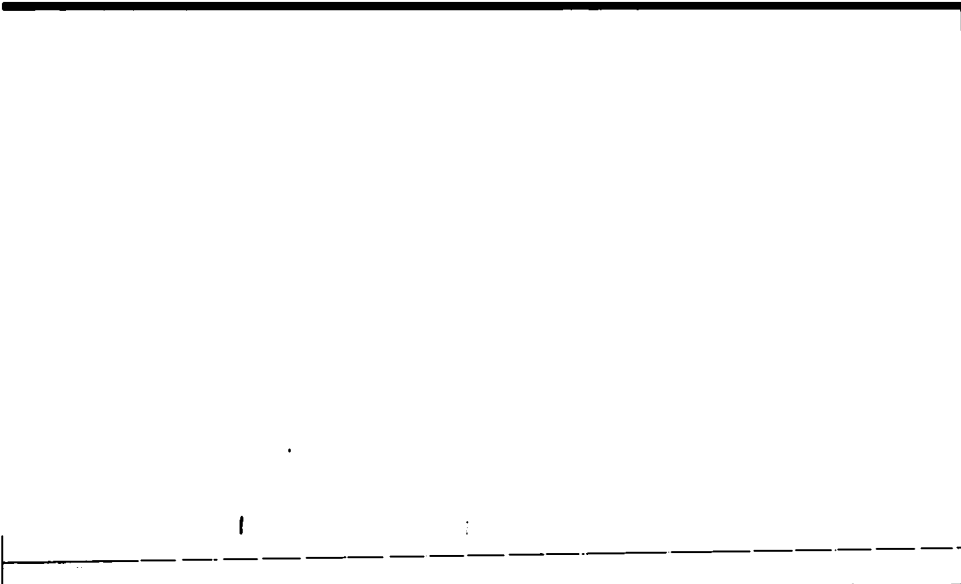
SD-SENTENCED TO 2 $\frac{1}{2}$ YRS IN FED PRISON CAMP
RESISTING REGISTRATION-EDIT

O 8, A-14-1

-1985-

Ap 30, B-5-4

SD-2 $\frac{1}{2}$ yr jail term begins

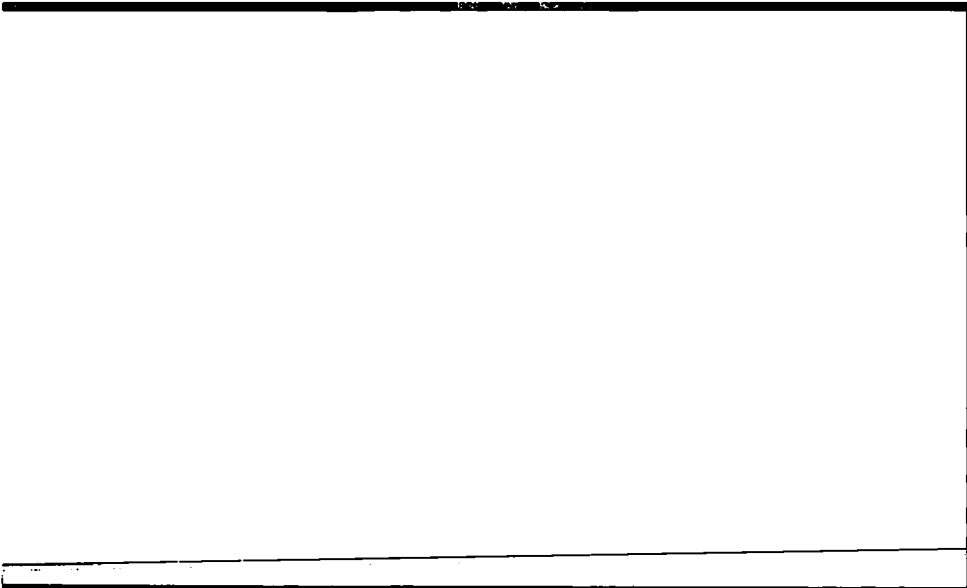


SASSY

1957

F 4, 12-2

BEER CALLED ABOVE COMES IN 3 FLAVORS & 3 COLORS



IO BE INDONESIA FIRST AMBASSADOR TO WASH.-

JA 16, 1-2 NITE

-----1951-----

DENIES OUSTER OF GEN MACARTHUR WILL CAUSE US TO LOSE FACE AMONG ASIATICS

AP 13, 18-6

-----1955-----

MY 25, 53-1

TOKYO-ABOVE'S VISIT TO RED CHINA & WHAT IT MAY INDICATE

JE 1, 58-5

TOURS RED CHINA INDUSTRIAL CENTER AT ANHAN, MANCHURIA WITH WIFE

O 3, 14-4

JAKARTA-COMMUNISTS WIN ELECTION FOR ABOVE'S CABINET

O 5, 4-3

LEADING IN ELECTION

-----1956-----

AG 9, 49-2

JAKARTA-APPEARS AT CABINET MINISTERS DINNER IN HIS OWN "INDONESIAN TUXEDO"

D 23, A-8-4

PROCLAIMS SELF LEADER CENTRAL SUMATRA

D 24, 7-1

FALL INDONESIA REGIME HINTED AS REVOLT SPREADS-

D 26, 16-5

JAKARTA, INDONESIA-REJECTS DEMANDS THAT HIS GOV'T RESIGN

D 27, 22-7

COMMENT ON ABOVE'S CABINET & HIS RESIGNATION-J. HAYDEN

-----1957-----

JA 2, 24-2

JAKARTA-COALITION CABINET OF ABOVE DUE FOR MEETING TODAY TO CONSIDER DEMANDS HE RESIGN

---1957---

JA 13, A-23-1 1*

RED PARTY TO SUPPORT COALITION GOVT. OF ABOVE-

F 10, A-15-3 1*

JAKARTA, -ABOVE TO FACE SHOWDOWN ON HIS GOV'T F 11TH

MR 11, 10-5

JAKARTA-GOV'T T RESIGN IN ABOVE

MR 14, 28-2

JAKARTA-QUITS AS PREMIER

SATA, EISAKU: JAPANESE POLITICIAN

1973

F1, A-19-4

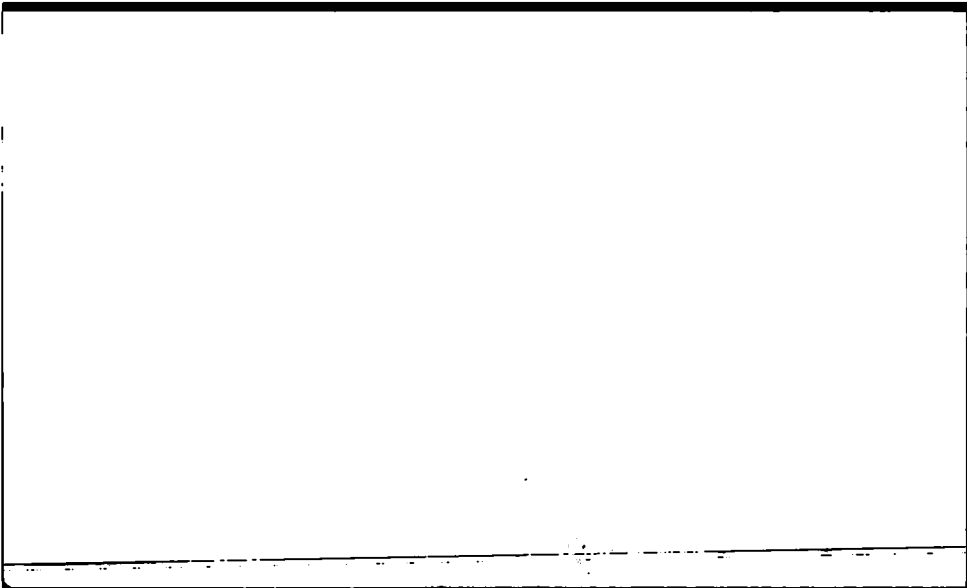
WASH---THANKED PRS. NIXON FORMALLY FOR THE RETURN OF OKINAWA TO JAPAN

1945

SATA, GABOR - DET SOLDIER

JA 26, 17-6

WOUNDED

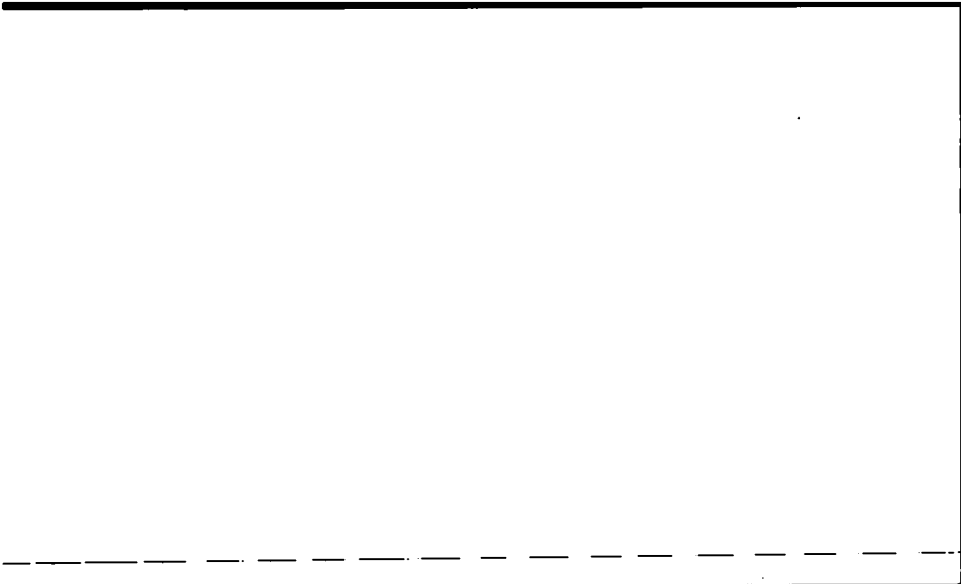


SATALOFF, DR JOSEPH : EAR DOCTOR

1987

Mr 22, B_1-2

Predicts more hearing loss for Americans



1942

SATANSKI, WALTER J. : DEATH DRIVER

Form 1656

SENTC.TO 4-5 YRS.FOR NEGLIGENT HOMICIDE

JL 15, 2-6

---1949---

CONVICTED OF MANSLAUGHTER AGAIN
SENTENCED TO 5-15 YRS.

My 19, 6-8
JE 7, 8-6



SATCHEL, KING : MURDER

1994

Ag 25, BH3-6D

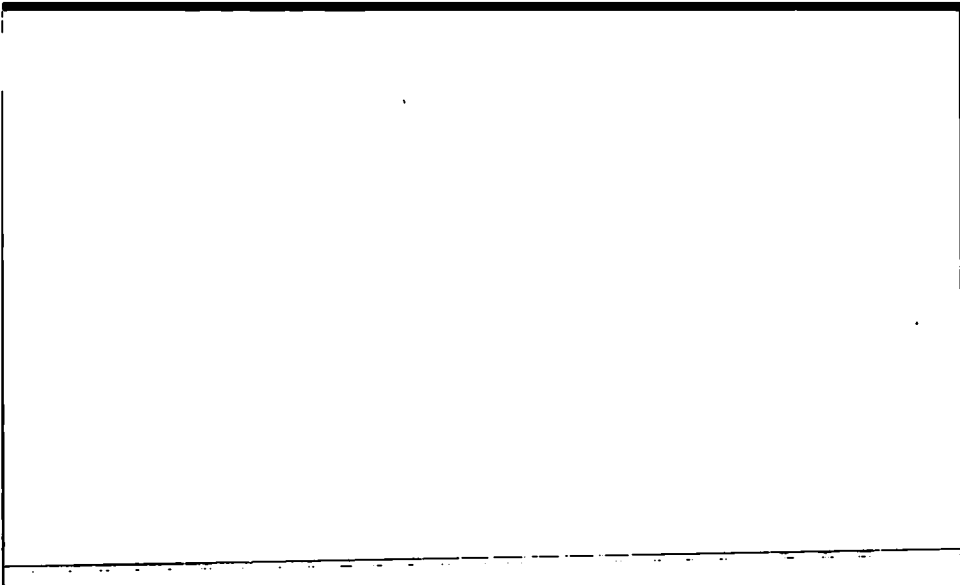
Age45 charged in stab death of Gregory Coates25 nr
12715 WOODMONT

SACHELL,GEORGE W. - FARMINGTON SOLDIER

1945

0 11, 17-2

KILLED,GERMANY,MOTOR ACCIDENT

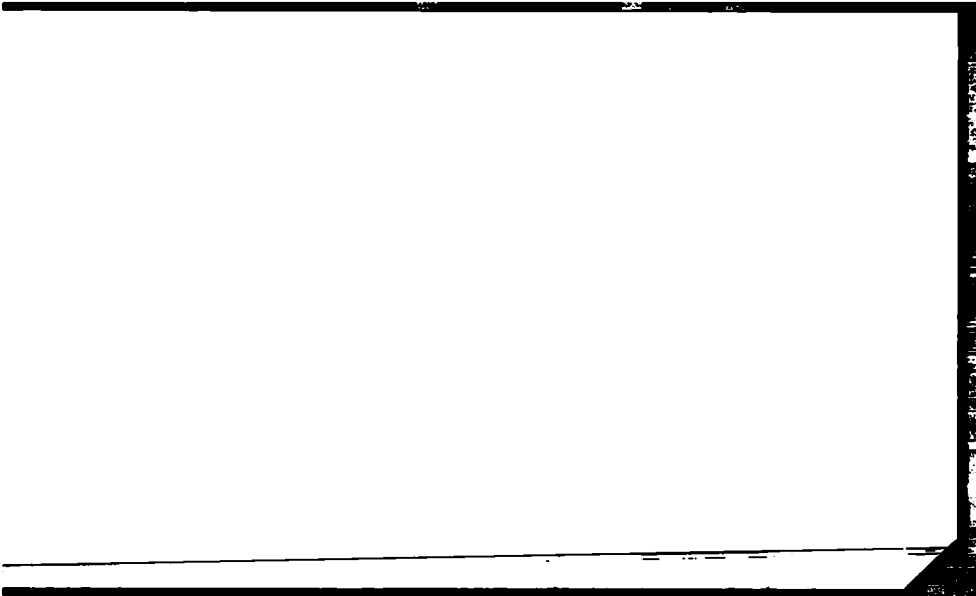


SATCHELL, JAMES - MURDERED

1977

N 27, A-2-1

**BEFORE DEATH TOLD POLICE MRS. LORRAINE MEEKS THREW GASOLINE ON
HIM & SET HIM AFIRE, IN STORY CORRECTION OF ADDRESS**



SATCHER, DR DAVID - (CDC) CENTER FOR DISEASE CONTROL 1993

O 26 B 4-1

Nashville-Head of (CDC) using program run by Det's Hartford MemBaptistChurch is model of type of campaign he will use to curb violence-Jones -1995-

O 01 B 3-6

Detroit-CDC Chief, Dr. Satcher said violence is social illness that's preventable -1997-

S 12 A 5-1

DC-Clinton plans to nominate Satcher, director CDC, as next U.S. surgeon general -1998-

F 11 A-5-2

DC- Senate confirmed Dr. David Satcher as surgeon general

S 17 D-2-5

Tells audience at WSU that prevention, not machines or drugs, is solution to America's health care worries.-Bates

Profile on Satcher; has steered clear of politics; DC-¹⁹⁹⁹ picking his priorities; profile ^{F 14 A 5-2}

1999

J1 29 A 5-6

DC-Surgeon Gen.Satcher issues 15 recommendations to increase awareness of suicide-graph of statistics

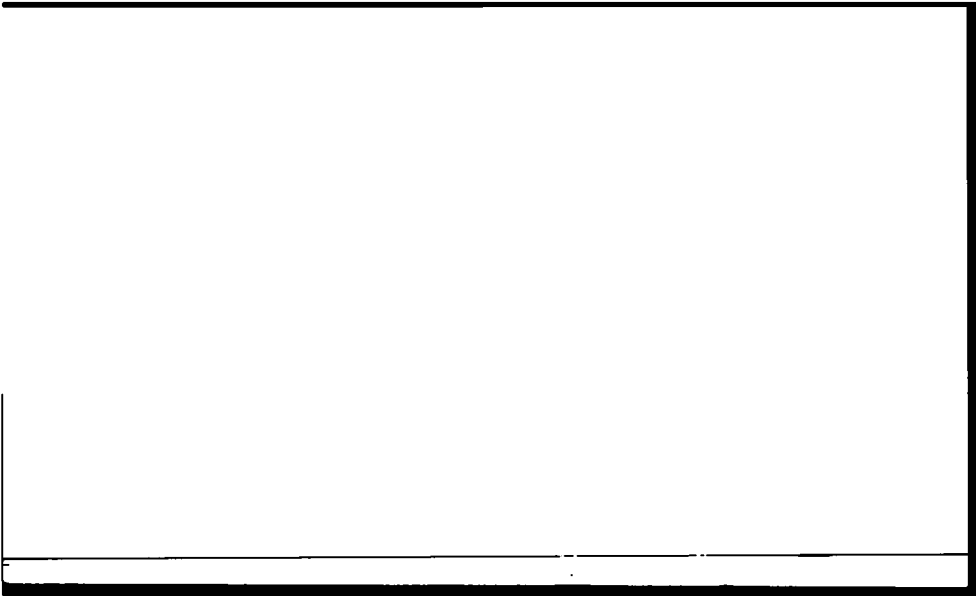
1972

SATCHER, JOSEPH: MURDERED

MR24, C-7-5

MONROE--POLICE ARE DECLINING TO SPECULATE WHETHER THE MUR-
DER OF ABOVE AND THAT OF EARL LUDLOW, 68 ARE RELATED, BE-
CAUSE OF THEIR SIMILARITY. MR23, A-18-1
TEMPERANCE, MICH--TWO STATE SEARCH FOR A YOUNG MAN WHO
ABDUCTED 5 PERSONS AND KILLED ABOVE AND EARL LUDLOW
JE 8, A-17-3

TOLEDO-FOUND GUILTY



1971

SATCHIDANANDA, SWAMI: YOGA LEADER

AP 27, C-1-1

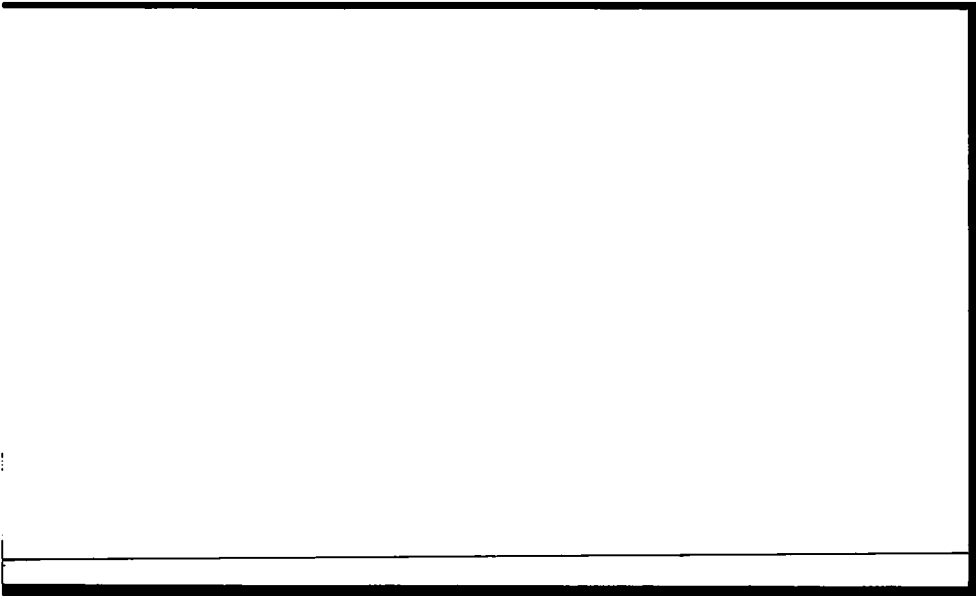
LEADER OF INEGRAL YOGA INSTITUTE INTERVIEWED BY SUZY
FARBMAN -1973- MR 1, B-2-3 D

TO LECTURE AND ANSWER QUESTIONS ON YOGA AT MASONIC TEMPLE
SCOTTISH RITE CATHEDRAL MR 29, 7:30PM. MR 6, B-2-1 W
TO LECTURE AND ANSWER QUESTIONS MR 29, 7:30 PM MR 29, IN MASONIC
TEMPLE, DET. MR 29, B-10-1

VISITS INTEGRAL YOGA INST IN DET VISIT. ROSENBLUM

MR 230, C-11-4

AT MASONIC RITE CATHEDRAL IN DET. FLEMING

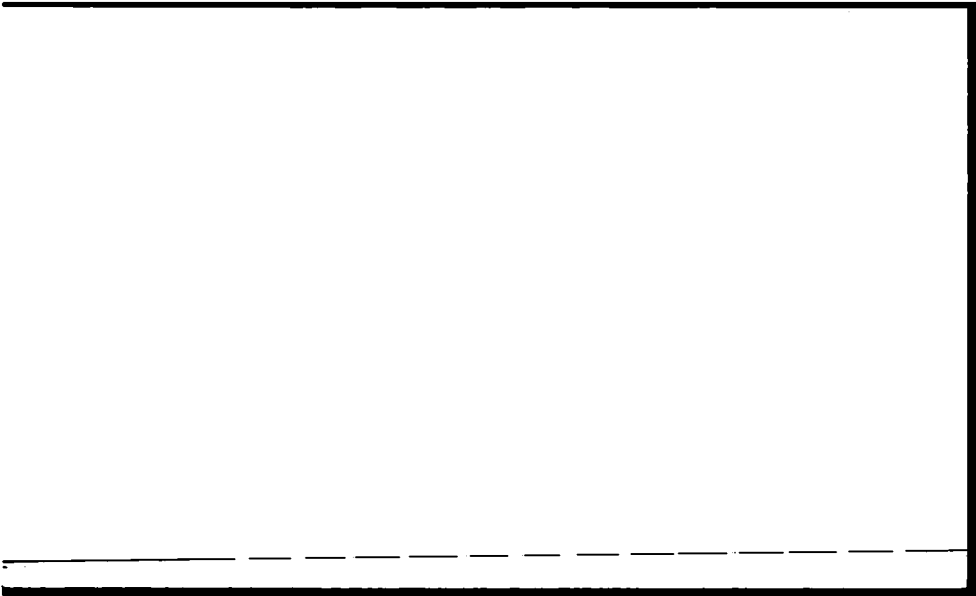


SATELLITE BOWL

1993

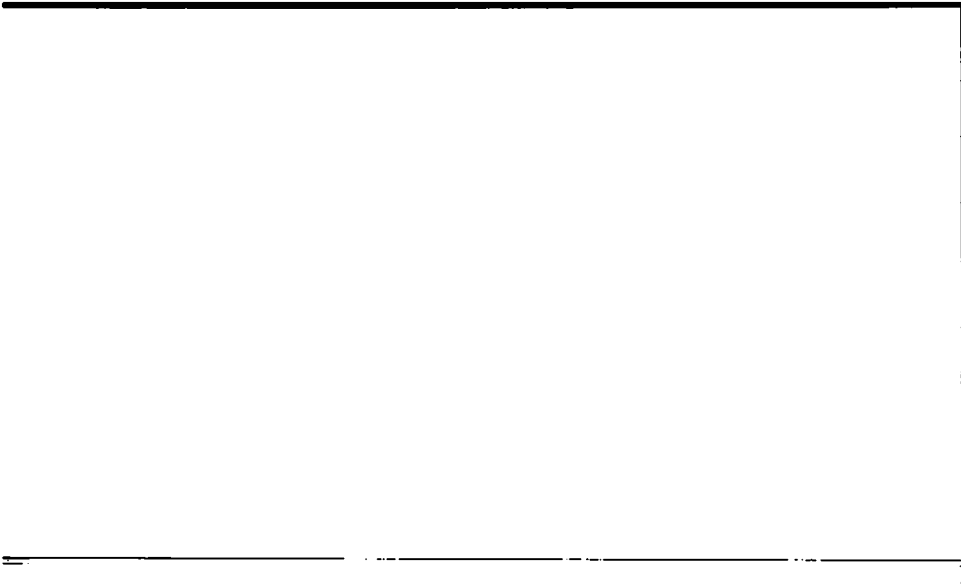
S 16 G 1-2

In Dearborn Heights may have to move to make room for another store. - Markiewicz



Ja 18 T-5-1 OW

Pontiac- 3,000 students nationwide from 23 states in this
Pontiac class



SATELLITE NEWS CHANNEL

1983

0 13, G-1-4

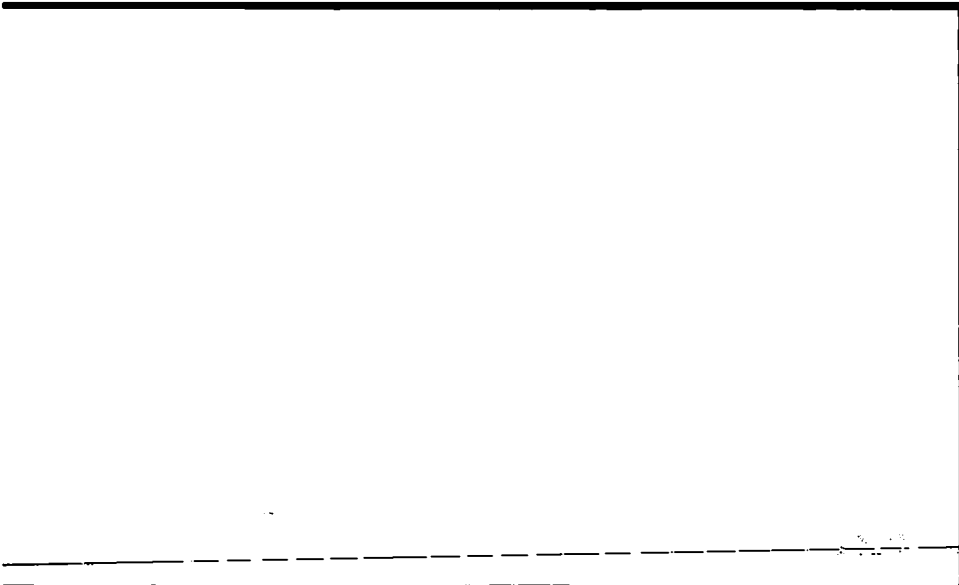
TO BE BOUGHT BY TURNER BROADCASTING SYSTEM

1974

SATELLITES: AIR FORCE

F28, F-3-5

SATELLITES TO BE USED BY US MILITARY, TO ALLOW COMMANDER
TO WATCH ON TV WHILE TROOPS FIGHT ON BATTLEFIELD.

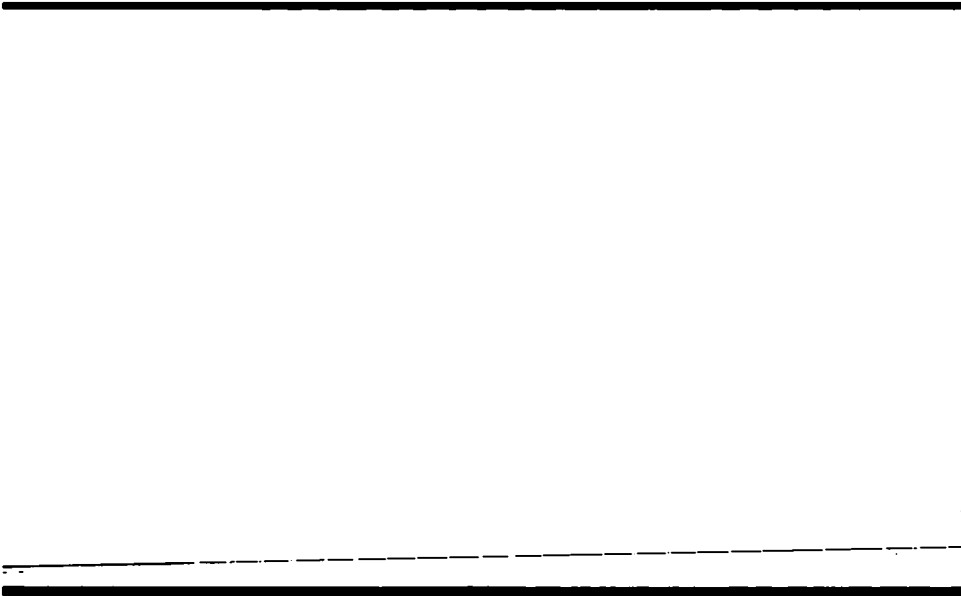


1975

SATELLITES - ANIK II

AP 1, C-6-6

**NATIONAL PUBLIC RADIO STAGED 1ST SUCCESSFUL DOMESTIC SATELLITE
TRANSMISSION OF STEREO RADIO PROGRAMING**



1962

SATELLITES - ANNA

MY 11, D-18-7 MAIL

CAPE CANAVERAL, FLA. - ATTEMPT TO LAUNCH FIRST MAP-MAKING ABOVE FAILS

O 31, A-1-1

N 5, A-3-8

SUCCESSFULLY ORBITED

FLASHED ITS LIGHTS N 4 ON SCHEDULE - DEFENSE DEPT REPORTED

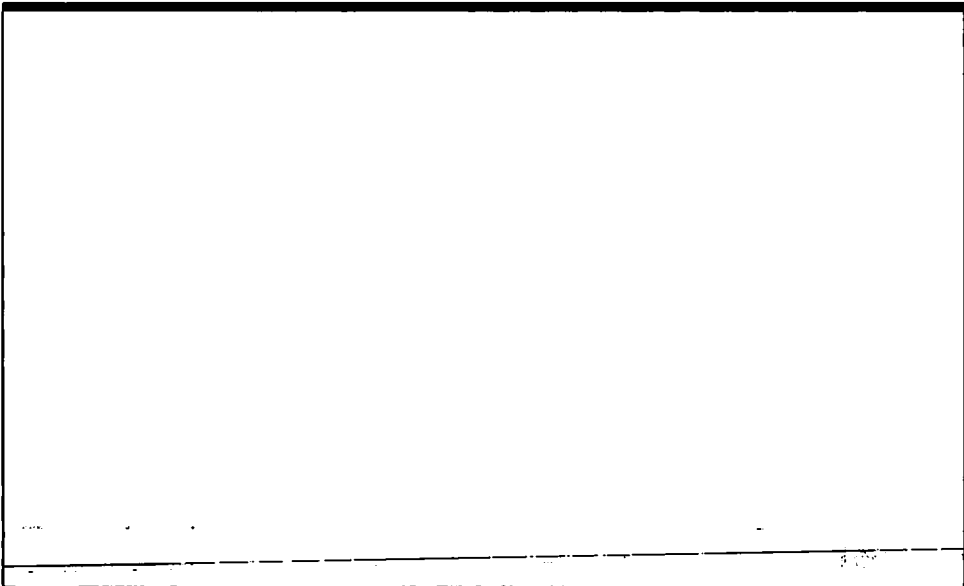
N 8, A-23-1

FLASHING LIGHT NAVIGATIONAL SATELLITE ANNA TO BE PUT THRU ANOTHER TEST
RUN NOV. 9

--1963--

AG 17, A-7-5

BLACKBURG, VA - SCIENTISTS HERE ANNOUNCED 2 SATELLITES ABOVE & TELSTAR 2
WERE BACK IN WORKING ORDER AGAIN AFTER MYSTERIOUS BLACKOUT AT VA POLYTECHNIC INSTITUTE HERE



SATELLITES : APPLICATIONS TECHNOLOGY SATELLITES(ATS) 1967

2ND OF 5 ATS TO BE LAUNCHED AP4 FROM CPE KENNEDY-WILL TKE
PHOTOS WORLD FROM 8,000 MILES AWAY-PIPP AP 6, A-23-4
CAPEKENNEDY-SENT NEW SATELLITE THAT STRANDED INTO WRONG ORBIT
BY ROCKET FAILURE,MAY HAVE BEEN WAILURE S 5, B-6-1
WASH-MAY SOON PROVIDE EARLY FLOOD WARNING SYSTEM

---1968---

CAPEKENNEDY-READY FOR LAUNCH HERE

ABOVE IS OFF ORBIT

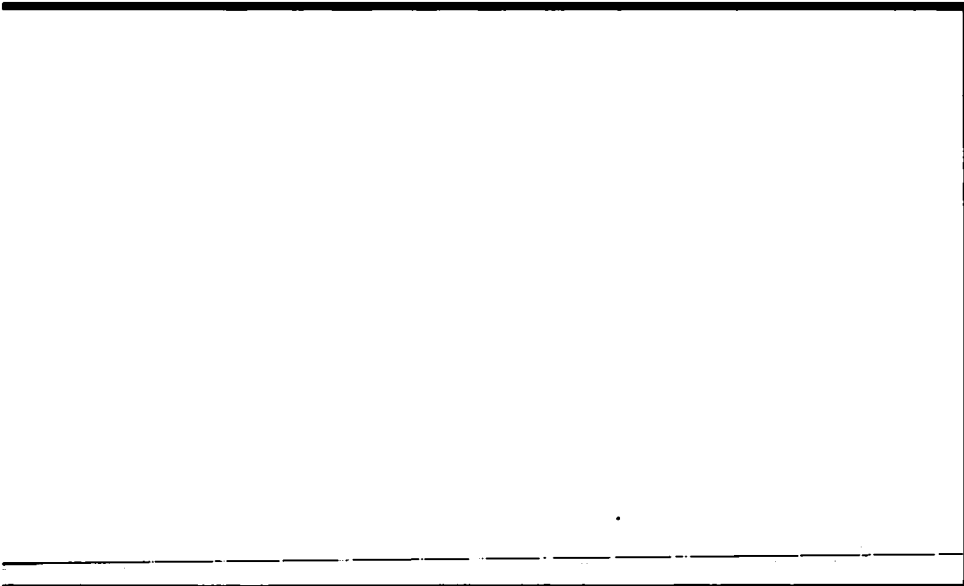
--1969--

CAPE KENNEDY-ATS 5 IN ORBIT TO USE GRAVITY FOR ECONOMICAL
SPACECRAFT CONTROL SYSTEM-

--1974--

CAPECANAVERAL,FLA-LAUNCHED BYUS,TO AIDINDIA&ALASKA

~~140-FT.TITANIIIROCKET CARRYING ATS LAUNCHED~~MY30,WILL PRO-
VIDE'TELEMEDICINE' FOR ALASKA&EDUCATION TO REMOTE AREAS OF
US

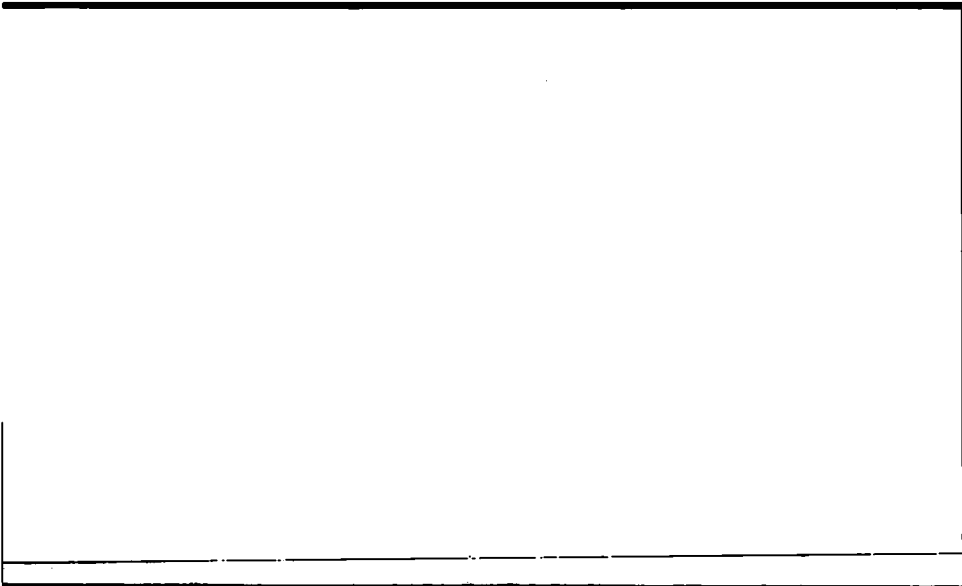


SATELLITES - ARIEL

1962

MY 31, A-21-1

LAUNCHED APRIL 26 BY US AND BRITAIN, WORKING WELL



U.S. LAUNCHES 4½ TON EARTH SATELLITE 000000 D 18TH FR. CAPE CANAVERAL, FLA.-RALL D 19, 1-7
 ONLY 35 NEW OF LAUNCHING OF 4½ TON ABOVE D 18TH D 19, 1-3
 ABOVE IS LARGEST OF MISSILES D 19, 1-4
 U.S. PRESTIGE GOES UP WITH LAUNCHING OF ABOVE-BARNES D 19, 1-6
 DETROITERS MAY NOT SEE ABOVE GO OVER D 19, 1-6
 ANN ARBOR-COMMENT FROM U OF M ON LAUNCHING-SHOENFELD D 19, 14-1
 PRES. IKE REVEALED LAUNCHING OF ABOVE AT DINNER FOR DIPLOMATS AT WHITE HOUSE D 18TH D 19, 14-2
 DEF. DEPT. DENIES LAUNCHING OF ABOVE WAS REPLY TO RUSSIAN FIRING OF AN 8,700 MILE RANGE MISSILE D 19, 14-3
 DET. RADIO HAM OPERATORS UNPREPARED FOR ABOVE D 19, 14-4
 RUSSIANS PAY TRIBUTE TO FETE D 19, 14-4
 WAYNE STATE UNIV. EXPERT, JOS. RUTKOWSKI, SURPRISED BY ORBIT OF ABOVE D 19, 14-7
 "RAIN" FOR ABOVE WAS BUILT IN DETROIT BY BURROUGHS CORP D 19, 1-1 LF
 3-TON MISSILE CAPTURES LEAD FROM RUSSIANS D 19, 6-4 5*
 NYC-MACKAY RADIO BELIEVES IT PICKED UP THE RADIO CARRIER WAVE OF ABOVE AT ITS SOUTHAMPTON, NY RECEIVING STATION

-----1958-----

DETROITERS WILL HAVE TO GO SOUTH TO SEE ATLAS
PRES. IKE'S VOICE TO WORLD FROM ABOVE-BALL
WHERE NOW?

D 20, 2-1
D 20, 1-3
D 20, 4-1
D 20, 2-3

BURROUGHS CORP OF DETROIT'S ELECTRONIC BRAIN GUIDED ABOVE

D 21, 9-14-3

RUSSIAN SCIENTISTS LEONID SEDOV SAYS ABOVE IS A SHRIMP

D 21, A-1-5

ROUND TRIP TO "MOON" MADE BY IKE'S VOICE FROM STARS-

D 22, 10-5

DEFENSE DEP'T READY TO MAKE NEW CONTACTS

D 23, 14-2

RIG ENOUGH-EDIT.

D 23, 22-7

LOS ANGELES-DELIVERS IKE'S MESSAGE FOR CHRISTMAS TO WORLD

D 23, 22-7

VICTORIA, B.C.-EDW. ARGYLE, SCIENTIST, CALLS ABOVE A "RUBBISHY PROPAGANDA STUNT"

D 25, 40-1

PENSACOLA, FLA.-REPORTS SHOW SPACE MONKEY SLEPT ON START OF PIONEER FLIGHT

D 25, 43-4

NY-MAJ. GEN. BERNARD A. SCHRIEVER SAYS ABOVE MAY ORBIT 35 DAYS

D 26, 10-2

MORONA, CALIF.-WORK OF ENGINEER SAM FINDLER IN BROADCASTING IKE'S MESSAGE FROM ATLAS

D 26, 14-1

SPACE-RPBES A RACKET?-EDIT.

SATELLITES : ATLAS

1958

MAINTAINS HOLIDAY SILENCE

DEFENSE DEP'T REPORTS ABOVE STILL TALKING

B F COGGAN ORBITS IN CAREER AT CONVAIR-AIDED IN LAUNCHING ABOVE-

RCA ANNOUNCES ELECTRONIC CHECKOUT-TO AID FIRING SATELLITES-

BOHN, WEST GERMANY-KONRAD ADENAUER CONGRATULATES PRES. IKE ON ABOVE SUCCESS

EXPECTED TO LOSE VOICE IN 10 DAYS

INK SILENCE OF ATLAS TO OVERWORK

MICH. CAN SEE ABOVE JA 2ND

CAMBRIDGE, MASS.-EXPECTED TO FALL IN FLAMES JAN. 21ST

ABOVE REPORTED BURNED UP IN ATMOSPHERE

CAPE KENNEDY-ABOVE ROCKET BLASTED SUCCESSFULLY FR. HERE MY 22 TO HURL THE 200 PD. PROJECT FIRE ON PATH INTO SPACE TO TEST HEAT OF MOONSHOT

D 26, 2-7 IH

D 27, 12-6

D 28, D-7-5

D 28, D-7-5

D 30, 21-1 IH

D 30, 19-6 IH

---1959--- JA 1, 35-1

JA 1, 35-1

JA 13, 28-1

---1959--- JA 22, 29-8

---1965---

MY 23, B-19-2

-1985-

Mr 21, A-8-4

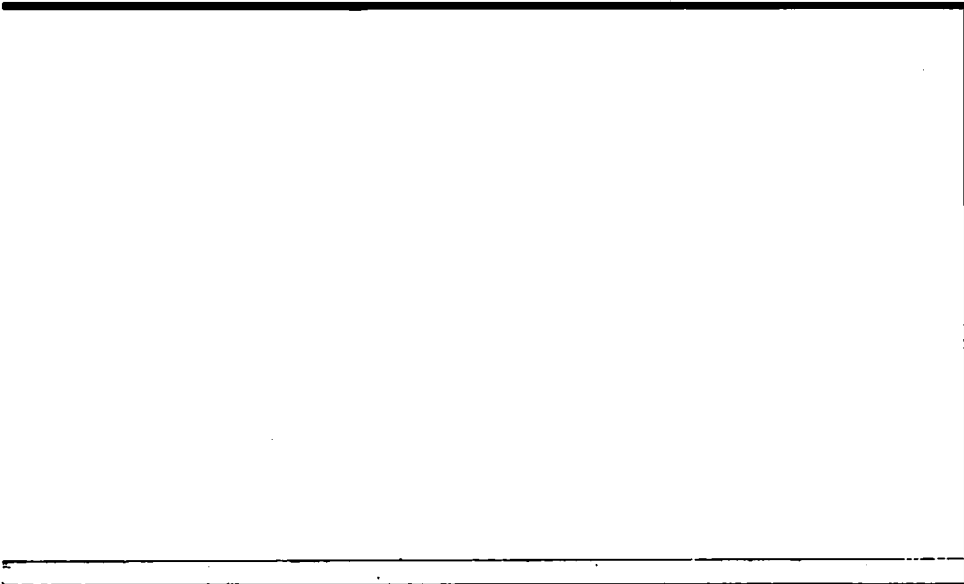
CapeCanáveral-launch of an Atlas Centaur rocket scrubbed

SATELLITES- ATMOSPHERIC EXPLORER

1966

MY 5, C-18-8

CAPE KENNEDY-TO PROBE ATMOSPHERE UP TO 750 MILES



SATELLITES : ATOMIC

1961

U.S. HURLED 1ST ATOMIC BATTERY SATELLITE INTO SPACE

JE 29, A-1-8

U OF M. PROFESSOR EDWARD A. MARTIN SAYS TRIPLE-ATOMIC SATELLITE LAUNCHING NO SURPRISE

JE 29, A-6-5

JE 29, A-23-1

SCIENTISTS SAY NO DANGER FROM ATOM SATELLITE

--1963--

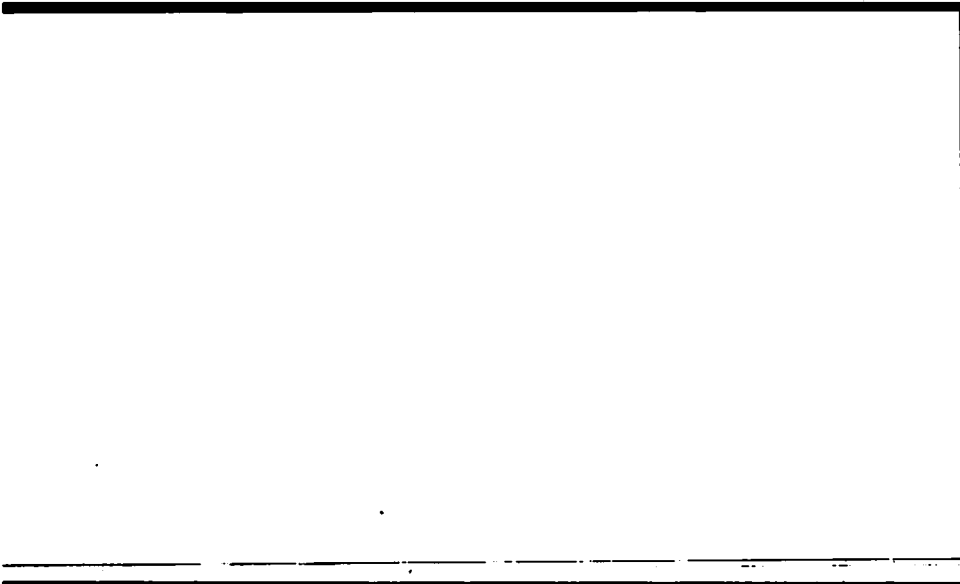
O 1, A-13-3

LA-4EC AT VANDENBERG AF BASE HURLED FIRST SATELLITE POWERED COMPLETELY BY NUCLEAR GENERATOR INTO ORBIT-SNAP-9A IS POWERING IT

-1978-

F 1, A-14-1

NEW CONTROLS NEEDED-EDIT



SATELLITES: ATS-1

1966

D 7, C-10-5

CAPEKENNEDY- APPLICATION TECHNOLOGY SATELLITES TO CHECK
WEATHER OVER CENTRAL PACIFIC

D 8, A-13-1

CAPEKENNEDY-ATS MULTIPURPOSE SATELLITE DRIFTED WESTWARD
ABOVE PACIFIC OCEAN, AIMING FOR STATIONARY ORBIT ABOVE CHRIST
MAS ISLAND

D 14, B-13-1

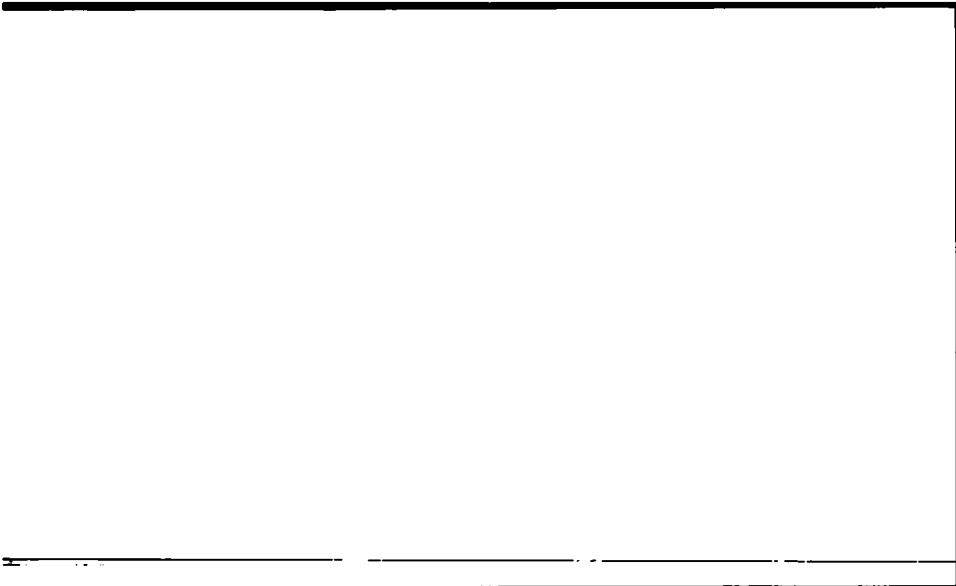
PHOTO OF EARTH RELEASED TAKEN BY ABOVE
TOKYO-AUSTRALIA & US PICKED UP COLOR & BLACK-&-WHITE TV BROAD
CASTS FROM JAPAN USING ABOVE SATELLITE

D 28, B-5-8

--1972--

JL 16, B-5-7

WASB--CREDITED WITH SAVING LIVES OF AT LEAST 6 ALASKA RES-
IDENTS.-MYLER

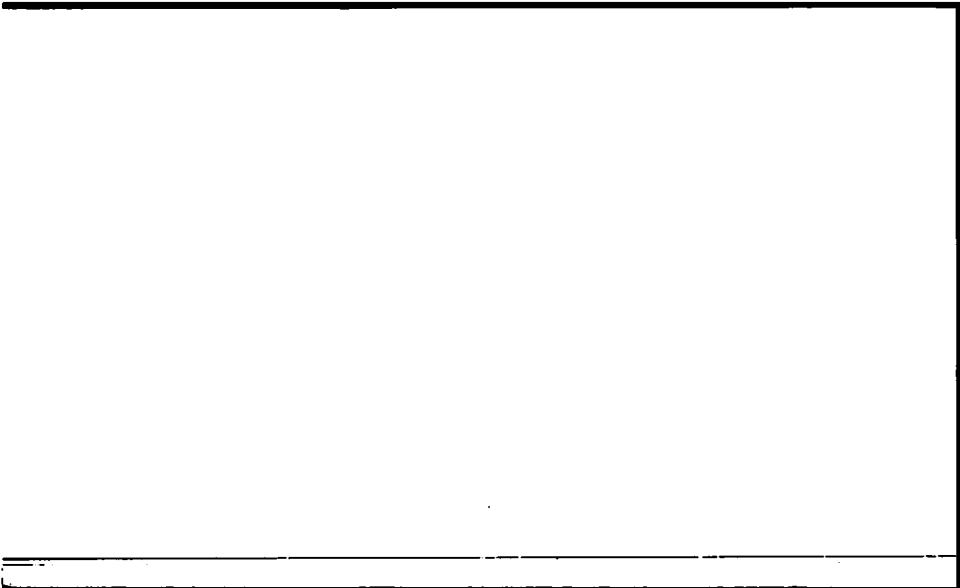


SATELLITE : ATS-3

1967

N 6, A-2-1

CAPE KENNEDY-ABOVE LAUNCHED INTO TEMPORARY ORBIT N 5-FLING
LABORATORY IN ORBIT ABOVE BRAZIL



SATELLITES: ATS 5

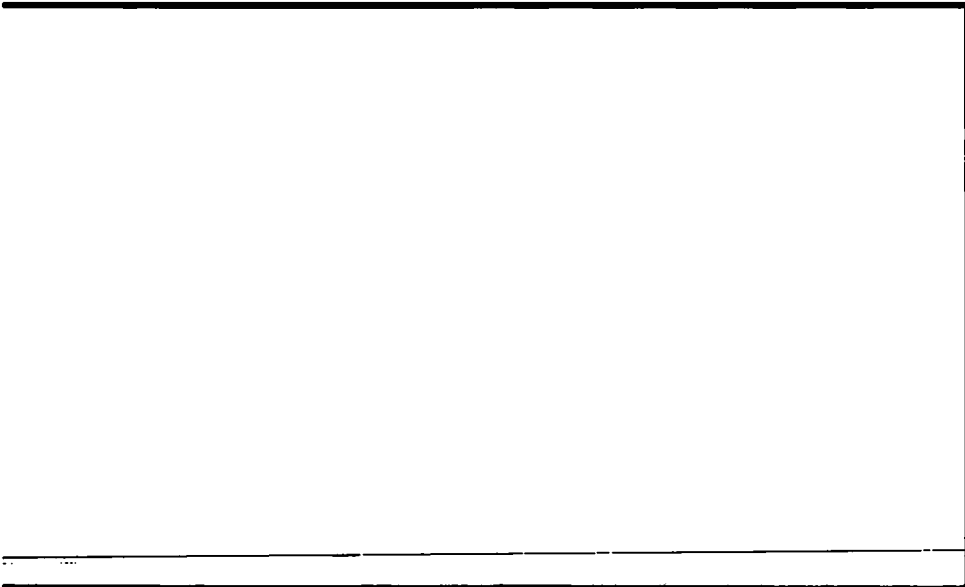
1969

AG 12, A-8-1LF

CAPE KENNEDY-ABOVE ROCKETED INTO THE WRONG SIDE OF EARTH-

AG 13, C-1-3

CAPE KENNEDY-ENGINEERS PLANNING TO BRING IT UNDER CONTROL-



SATELLITES: AUSTRALIA

1958

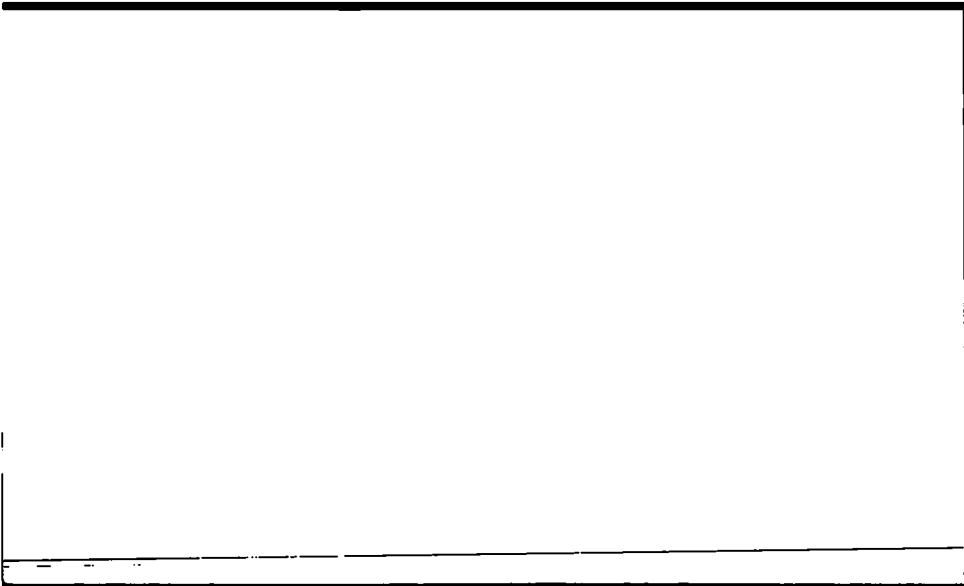
SYDNEY-BRITISH & AUSTRALIAN SCIENTISTS COULD PRODUCE & LAUNCH AN EARTH
SATELLITE

AP 11, 10-4

---1967---

MY 21, B-6-2 2*

CANBERRA-TO LAUNCH SATELLITE THIS YR

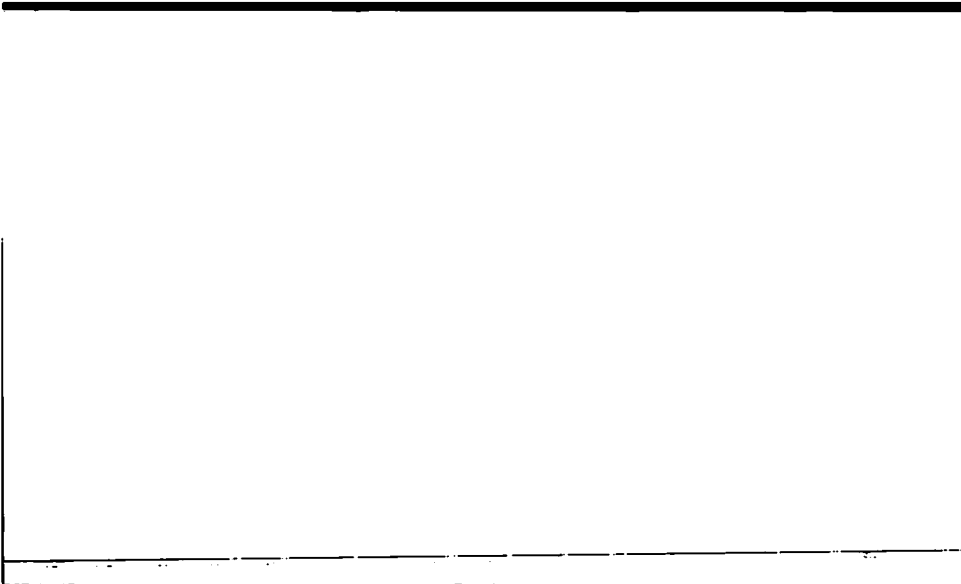


SATELLITES - BIG JOE

1959

AG 3, 8-5 1H

PLAN TEST OF FIRST MAN-CARRYING SPACE CAPSULE IN ABOVE NEXT MONTH



U.S. LOFTS ABOVE, FLYING BIOLOGICAL TESTER
 POINT ARGUELLO, CA. IF. - LOST AT SEA ---1966---
 BIO A TO STUDY SECRETS OF LIFE-PEARSON
 HONOLULU * MS * ASX

CAPE KENNEDY - TO ORBIT EARTH FOR 3 DAYS CONTAINS ASTROBUGS™
 D 15, A-86-1

WASH - TINY PLANTS & BUGS ORBITING EARTH IN ABOVE
 D 18, A-3-8
 HONOLULU - LOST IN SPACE --1967--
 F 15, A-13-5 3*

CANBERRA, AUSTRALIA - REPORT ABOVE CARRYING INSECTS LANDED
 IN NORTHWEST OF KALGOORLIE AS ITS RETRO ROCKET FAILED
 MR 9, A-6-4 5*

~~CANBERRA - ABOVE SHIP BEING HUNTED OFF WESTERN AUSTRALIA~~

N 18, A-6-1

N 20, A-13-3

D 11, E-4-4

D 18, A-3-8
 XXXXXX XXXX

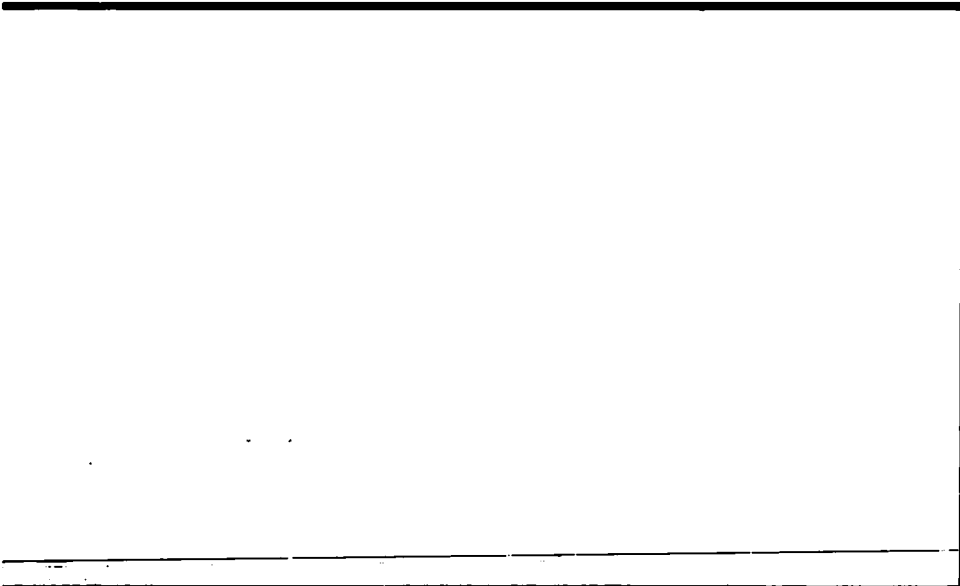
D 14, A-3-3 6*

D 15, A-86-1

D 18, A-3-8

F 15, A-13-5 3*

MR 9, A-6-4 5*



SATELLITES: BIOSATELLITE @ 2

1967

JL 11, A-11-1 Fin1

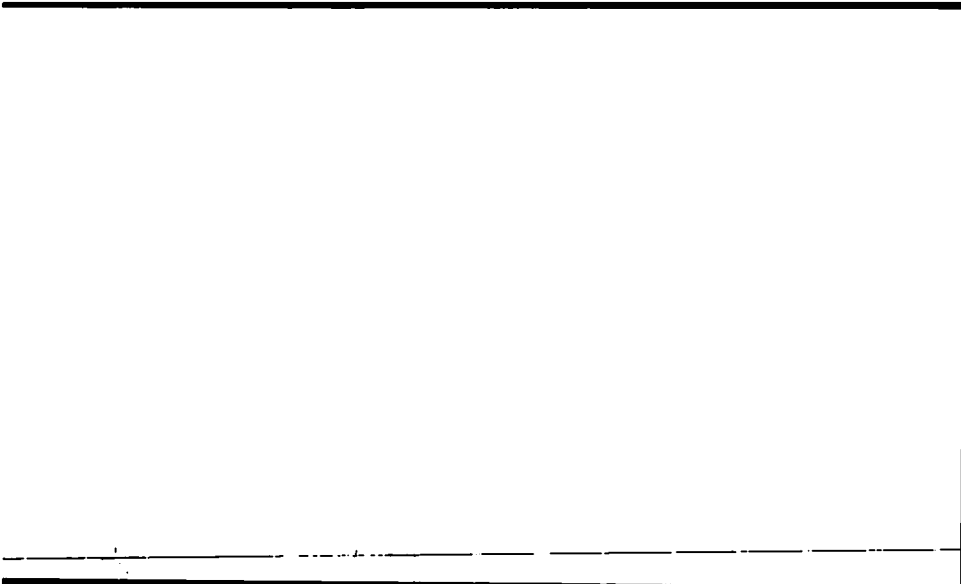
CAPE KENNEDY-LOST CRAFT LOCATED, NOW AS SPACEPORT

S 10, A-3-5

HONOLULU-MADE SUCCESSFUL RECOVERY OVER PACIFIC S9-CONTAINER
OF BUGS TAKEN TO HICKAM AF BASE FOR RESEARCH S 24, B-17-1

NASA SHOWS TADPOLE HATCHED IN ABOVE SPACECRAFT LAUNCHED

S 7



JE 1, B-4-1

CAPE KENNEDY-BEING READIED TO CARRY MONKEY INTO ORBIT BUT WAS DAMAGED WHEN UNEXPLAINED PRESSURE BLEW THE TOP OFF THE CRAFT-

JE 27, B-14-3

CAPE KENNEDY-THE MONKEY LAUNCH OF ABOVE TO TEST THE EFFECTS OF PROLONGED WEIGHTLESSNESS ON THE BODY SYSTEMS OF THE PRIMATE-30-DAY FLIGHT SCHEDULED-

JE 29, A-1-5 3DO

CAPE KENNEDY-ASTROMONK BONNY WAS LAUNCHED ON A MONTH-LONG ORBIT AROUND THE EARTH-

JE 30, B-1-5

CAPE KENNEDY-MONKEY, BONNY, ORBITED EARTH ON 2ND DAY GOING PERFECTLY ROUTINE FASHION

JL 3, A-18-3

MOUNTAIN VIEW-BONNY, ASTROMONK, REFUSES TO PERFORM TASKS FOR HIS FOOD SINCE START OF ORBIT-

JL 5, A-2-6

~~MONKEY DOZES DURING 7TH DAY ALOFT.~~

JL 7, A-1-2

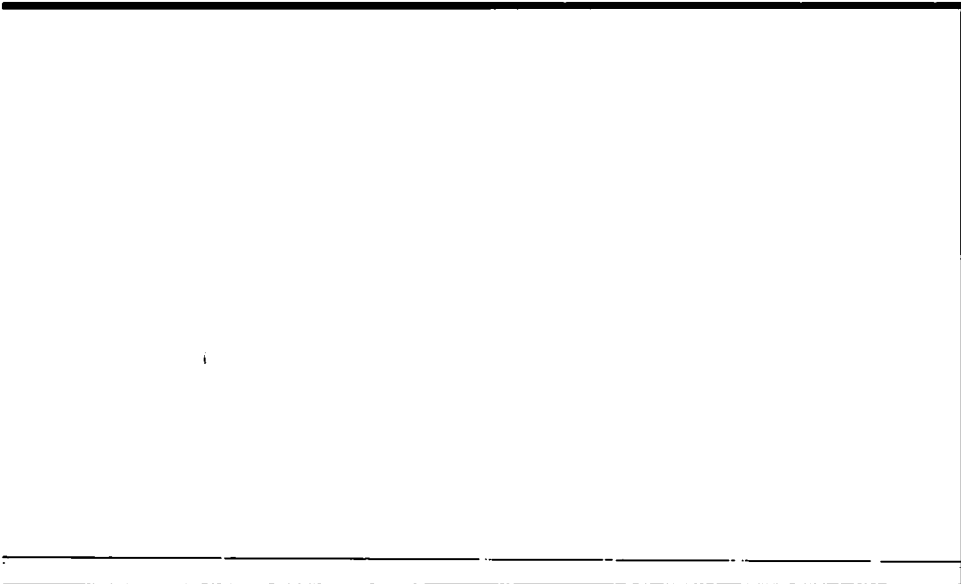
MOUNTAINVIEW, CALIF-SCIENTISTS ORDERED END OF ABOVE'S VOYAGE AS SPACE MONKEY, BONNY, ILL, MIDAIR RECOVERY SCHEDULED

JL 8, A-1-2

HONOLULU-ASTROMONK BONNY DIED AFTER BEING BROUGHT DOWN FROM ORBIT-

JL 10, B-11-1

BONNY THE ASTROMONK DIDN'T DIE IN VAIN SAYES NASA

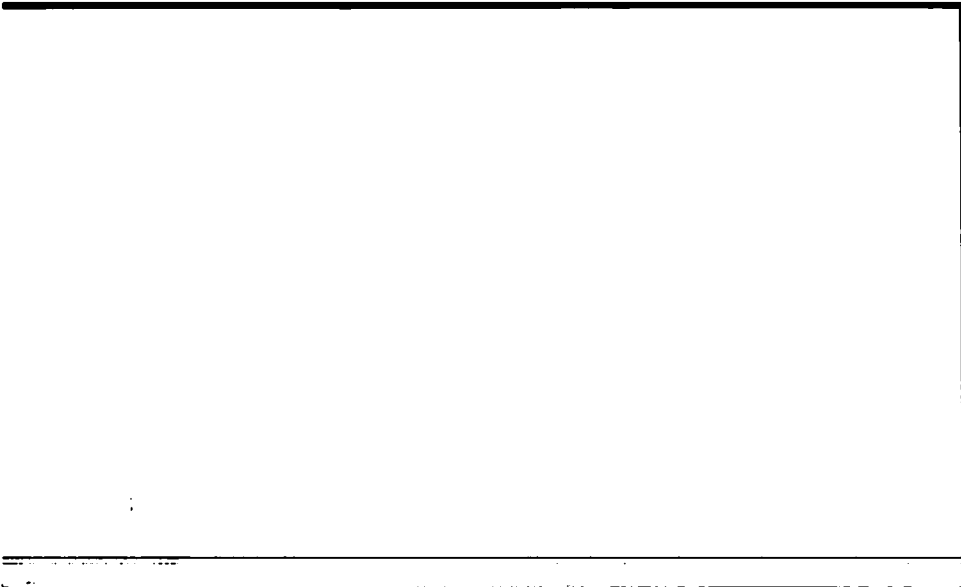


SATELLITES : BIOSATELLITE

S 3, A-17-2

1967

SPACESHIP 'BUGGED' TO TEST COSMIC RAY EFFECTS-PIPP



SATELLITES : BRAZIL

1972

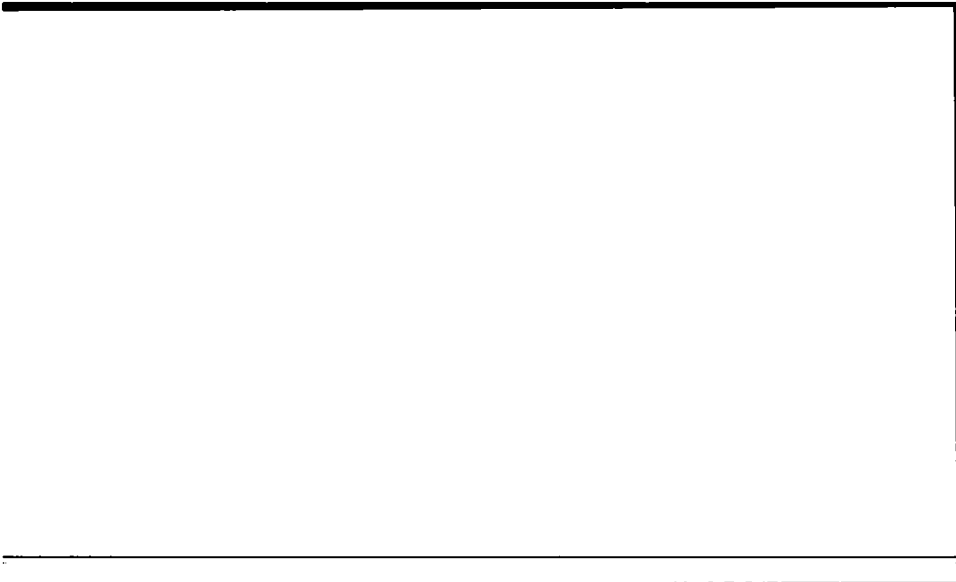
~~0 29, A-18-2~~

BENDIX SYSTEM MAY HELP BRAZIL GLEAN SATELLITE DATA. PIPP

-1981-

N 26, K-2-3

SAO JOSE DOS CAMPOS-BRAZIL TO ORBIT ONE IN 1983

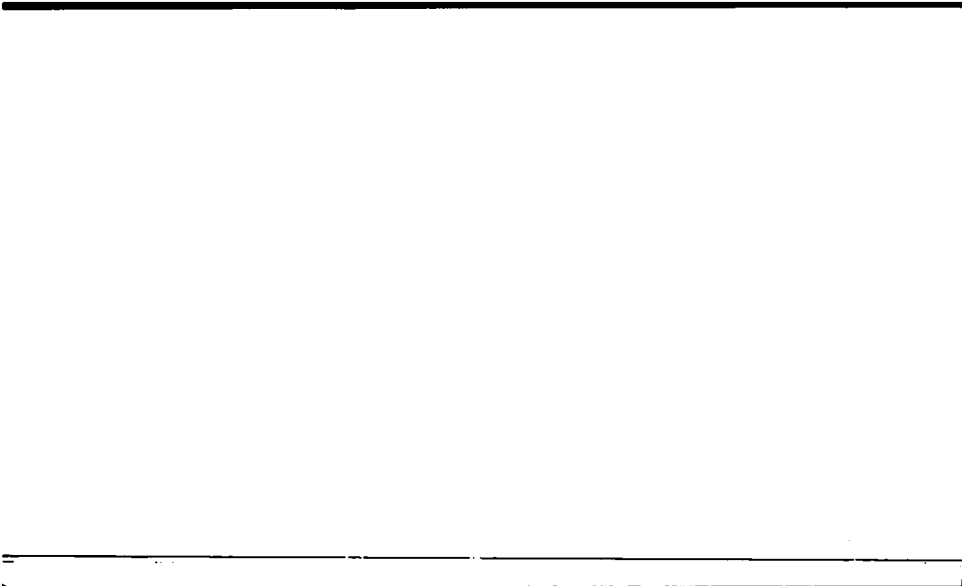


SATELLITES: CALIFORNIA

1963

PT 11, 4-3-6 FTN3

BERKELEY-COLLEGE STUDENTS DAVE GUIDICI & KELLY MACDONALD BUILT & LAUNCHED TEST OF EARTH SATELLITE THEY ARE BUILDING & WILL LAUNCH IN 6 MONTHS



1962

SATELLITES: CANADA - ALOUETTE

OTTAWA-CANADA TO FIRE ABOVE FROM VANDENBERG AIR FORCE BASE IN CALIF
IN NEXT FEW WEEKS

S 8, B-6-7 FIN3

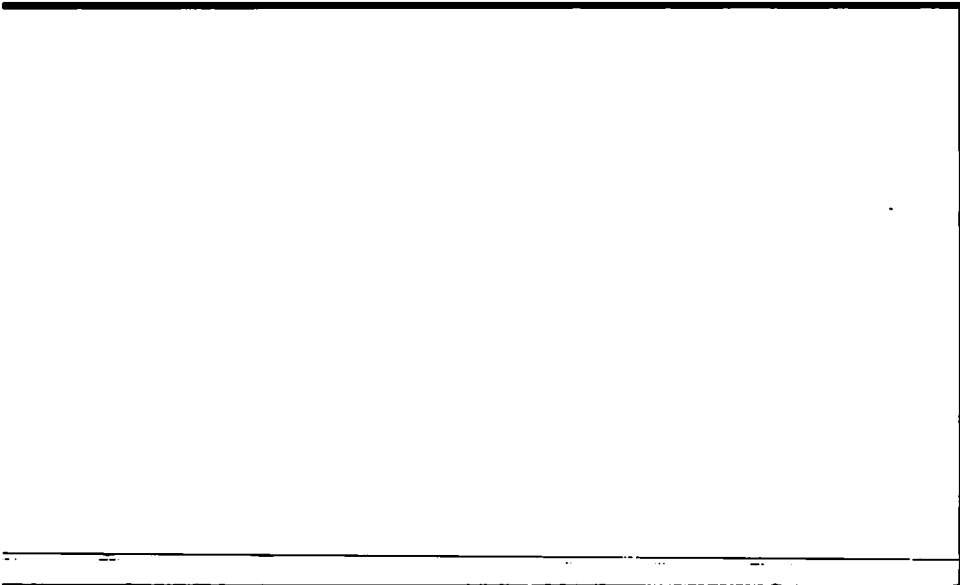
S 30, A-20-4

SENDS ALOUETTE INTO SPACE TO STUDY IONOSPHERE
CANADA ORBITS FIRST SPACECRAFT TO BE BUILT BY NATION OTHER THAN US
OR RUSSIA

S 29, A-1-7

0 1, A-8-3 MET 2

SENDING BACK GOOD SIGNALS



SATELLITES- CANADA- ALOUETTE 2

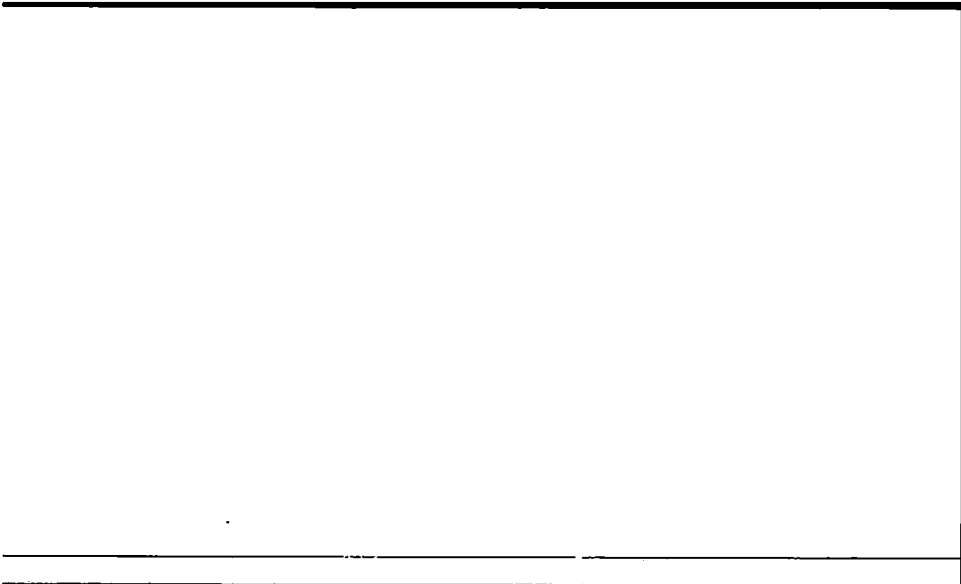
1965

N 29, A-14-1

VANDENBERGAFBASE-LAUNCHED SIMULTANEOUSLY WITH EXPLORER 31 OF US

N 30, B-11-2

OTTAWA-TO ISSUE NEW STAMP JAN 5 HONORING 2D SPACE SATELLITE IN CAN



1972

SATELLITES : CANADA : ANIK

N 2, A-13-1

CAPE KENNEDY--US SPACE AGENCY TO LAUNCH FIRST COMMUNICATION
SATELLITE NEXT THURS TO PROVIDE TELEPHONE SERVICE TO NORTH
AREA.

N 14, A-9-1

CANADA TV SATELLITE GETS LOCKED INTO ORBIT.

-1973-

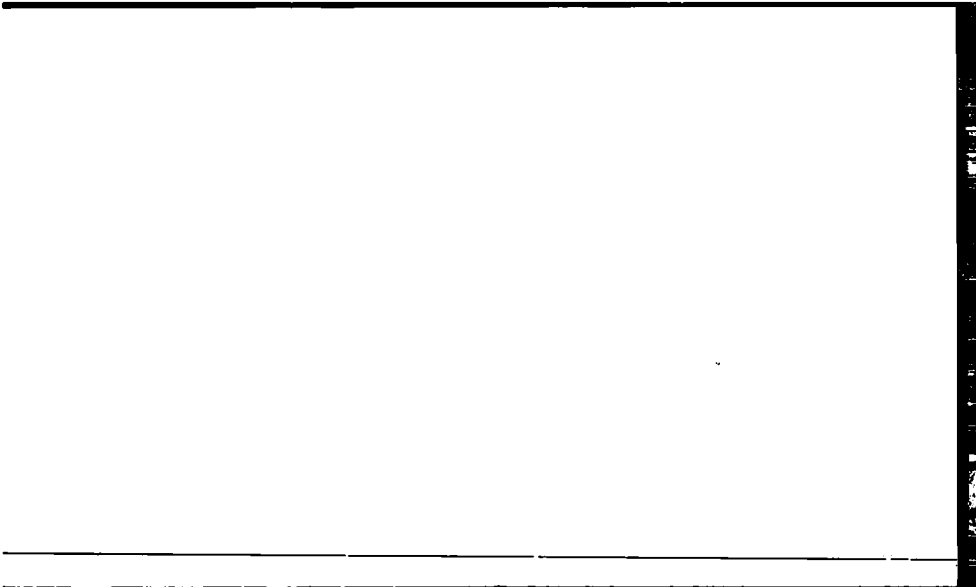
EXXJA 25, A-18-7

~~RACE~~EARTH CRITICAL OF SATELLITE FROM CANADA.

RACE

AP 17, A-7-1

US READY TO LAUNCH 2D ANIK SATELLITE THURSDAY.



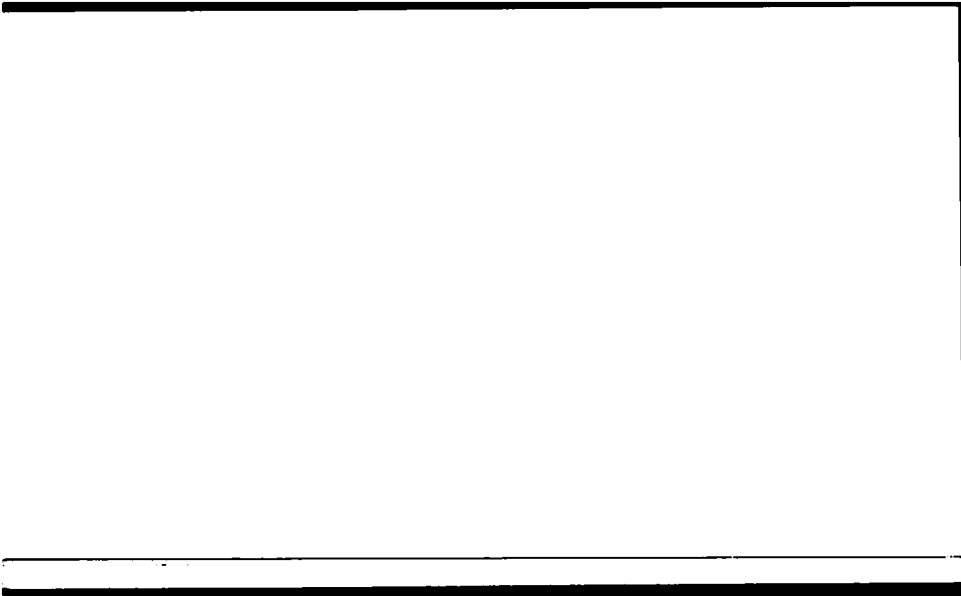
1963

SATELLITES: CANADA

BARBADOS, WEST INDIES-DR. A. RONALD MCKAY, BARGAIN-BASEMENT SPACE SHOTS,
CANADIANS HOPE TO ORBIT PAYLOADS AT COST OF ONLY \$5,000 -RUSSELL

OTTAWA-CANADA APPROVES LAUNCHING OF 4 MORE RESEARCH SATELLITES IN
1964-68 AT COST OF \$8 MILLION ---1971--- AP 1, A-8-1 RACE

U.S. ORBITS ISISB SATELLITE BUILT BY CANADAN
OTTAWA--SIGNED AGREEMENT FOR LAUNCHING OF FIRST SPACE
COMMUNICATIONS SATELLITE LATE IN 1972



SATELLITES: CANARY BIRD

1967

MR 23, B-8-2TH

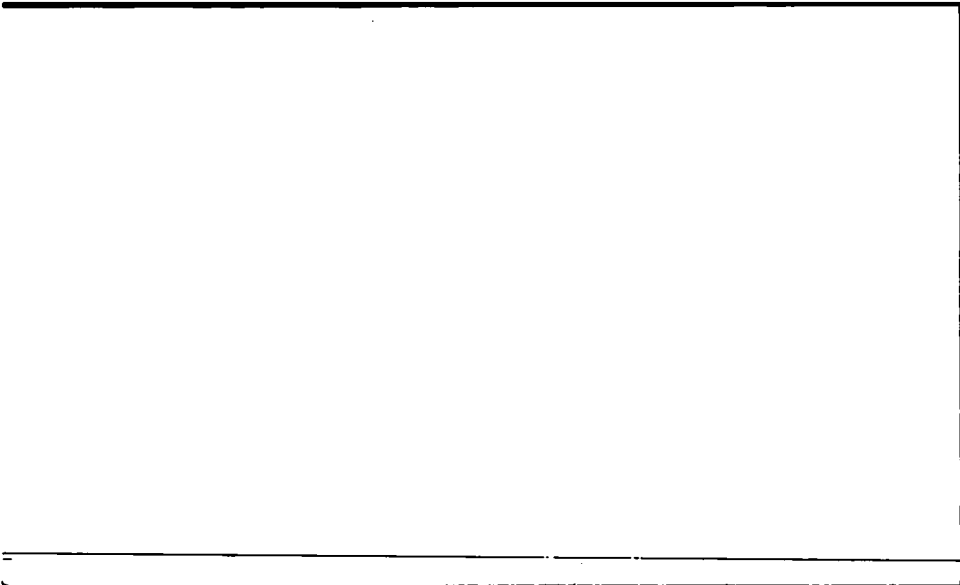
CAPEKENNEDY-TO HOVER OVER ATLANTIC OCEAN-PIPP

MR 23, B-8-2 35*

CAPEKENNEDY-HEADED TOWARD IT S POST OVER ATLANTIC-PIPP

MR 26, A-13-8

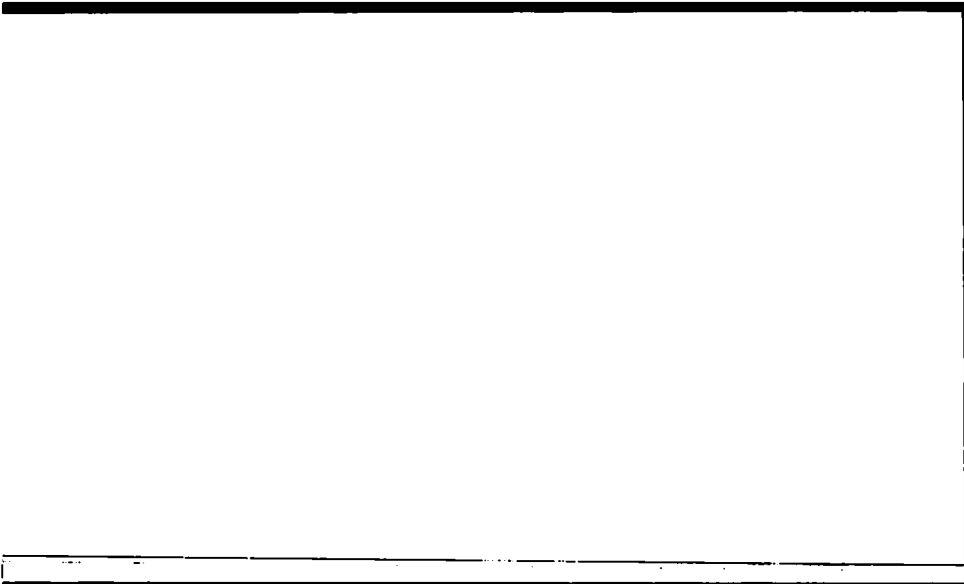
LWASH-TRACKED IN ITS NEW ORBIT



SATELLITES, : CHILE

1960

SANTIAGO-CONSTRUCTS 1ST STAGE OF TRACKING STATION IN PUNTA ARENAS
AP 25, A-7-5



SATELLITES: CHINA

1957

CHINESE AMBASSADOR HOLLINGTON TONG SAYS CHINA "SHOT A MAN INTO OUTER SPACE" SEVERAL THOUSAND YEARS AGO

N 14, 3-1

HONG KONG-RED CHINA REPORTED READY TO LAUNCH SPACE MISSILE "PEKNIK" ON OCT. 1ST TO MARK 10TH ANN V. OF FOUNDING OF THE REPUBLIC

---1959---

S 10, C-10-3

TAIPEI NATIONALIST CHINA GOVT APPROVED PLAN FOR \$10 MILLION SATELLITE EARTH STATION

---1966---

N 24, B-13-4

LAUNCHES FIRST EARTH SATELLITE

---1970---

AP 26, A-1-3 Mo1

TOKYO- TUNE FROM SPACE SATELLITE HONORING MAO TSE TUNG AND COMMUNIST PARTY.

AP 26, A-25-1 4DOT

AP 26, A-1-1

RED CHINA JOINS SPACE RACE AS ITS 1ST SATELLITE ORBITS EARTH-PROCLAIMING "EAST IS RED"

AP 28, B-6-1

CHINA'S NEW SATELLITE--A NUCLEAR WARNING?--EDIT ORBITING OF SATELLITE MADE IT CERTAIN THAT RUSSIA, U TO CONTINUE ABM WORK

AP 28, A-1-1

MY 3, E-1-1

BLACKMAIL FROM SPACE POSSIBLE THREAT FOR WORLD

--PIPP

FIRST SATELLITE IN STABLE ORBIT AROUND EARTH

MY 14, A-17-2 RACE

---1971---

F 24, A-24-1

GETTING READY TO LAUNCH SPACE SATELLITE ACCORDING TO INFO
MED OFFICIALS

MR 4, A-20-1

PEKING LAUNCHED 2ND SATELLITE.

MR 5, A-12-2 RACE

SATELLITE ORBITED EARTH & ACROSSED US, YESTERDAY

JL 28, A-6-1

HONGKONG-CHINA PUTTING ITS 3RD SPACE SATELLITE INTO ORBIT

---1975---

AG 10, A-15-1 3DOT

HONGKONG-EXPERTS BELIEVE PEKING'S NEW EARTH SATELLITE CAN
SURVEY SOVIET UNION & EVEN US

N 27, A-2-4

HONGKONG-CHINA LAUNCHED EARTH-ORBITING SATELLITE YESTERDAY

D 3, A-17-2

-SATELLITE RETURNED TO EARTH

-197-6

D 8, C-5-2 1DOT

TOKYO-CHINA LAUNCHED AN EARTH SATELLITE, IT'S 7TH

D 12, A-12-1

PEKING-CHINA RECOVERS 2ND EXPERIMENTAL SATELLITE

SATELLITES : CHINA

1978

MC-CHINA INTERESTED IN BUYING AMER COMMUNICATIONS SATELLITE
FOR DOMESTIC USE. -1979- N 29, B-10-1-ST
JE 19, B-2-1 AM

COLORADO SPRINGS-ONE MAY HAVE FALLEN OVER MICH OR CANADA
OVER WEEKEND -1980- JA 8, A-1-5

PEKING-U.S OFFERS CHINA USE OF SATELLITE JA 24, A-2-1

PEKING-US, CHINA SIGN SATELLITE MEMO
-1984- JA 31, B-6-5W

PEKING-CHINA LAUNCHES EXPERIMENTAL SPACE MISSION.
-1986- F 3, A-10-4

~~Peking-China launches 2nd satellite~~ F 21, A-10-2
2nd satellite put into permanent orbit over equator

Peking-China gets launch pact due to NASA delays
Peking-China to launch 2 US. satellites My12, A-10-13dot
My13, A-10-7

-1986-

Je 16, A-2-1

Peking-Teresat Inc of NY signed agreement for China to launch satellites

-1988-

F 1, A-13-1E

Beijing-Chinasat to build space shuttle & orbiting station
China also building satellites

-1993-

O 28 A 13-1

DC - A 2 ton chunk of metal from one of their satellite's is expected to fall out of the sky today.

O 29 A 4-1

DC - Satellite crashed into the Pacific Ocean 1,000 miles west of Peru on Thursday

---1995---

N 29 A-5-5

two ton Chinese spy satellite will crash to earth in perhaps march

--1996--

Mr 12 A-3-1

Colorado Springs-Chinese satellite disappeared from radar screens over Atlantic

Mr 13 A-5-5 NoDot

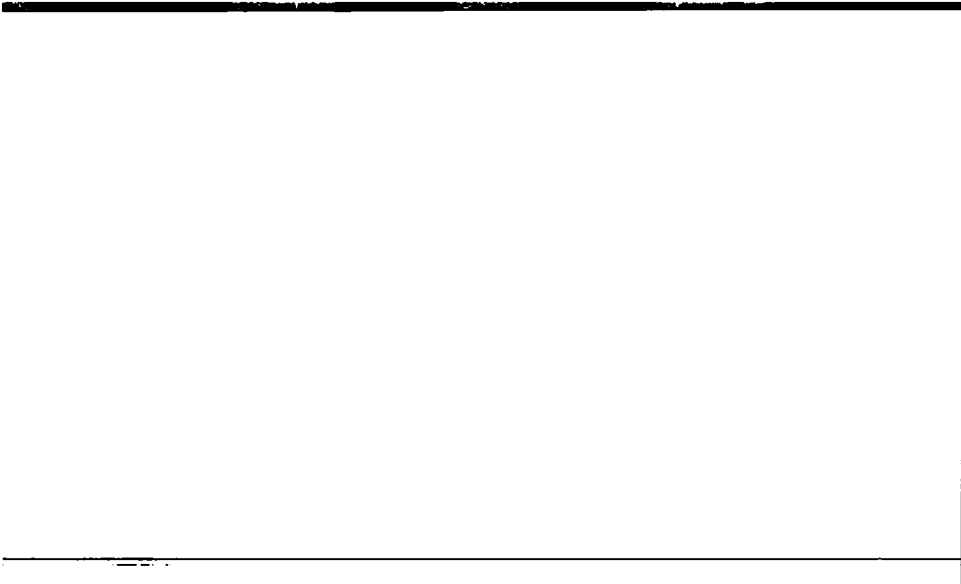
same as above

SATELLITE - CHRISTMAS STAR

1963

POINT ARGUELLO-NASA HUNT FOR BALLOON SATELLITE THAT U.S. LAUNCHED FOR
THE HOLIDAYS

D 20, B-7-1

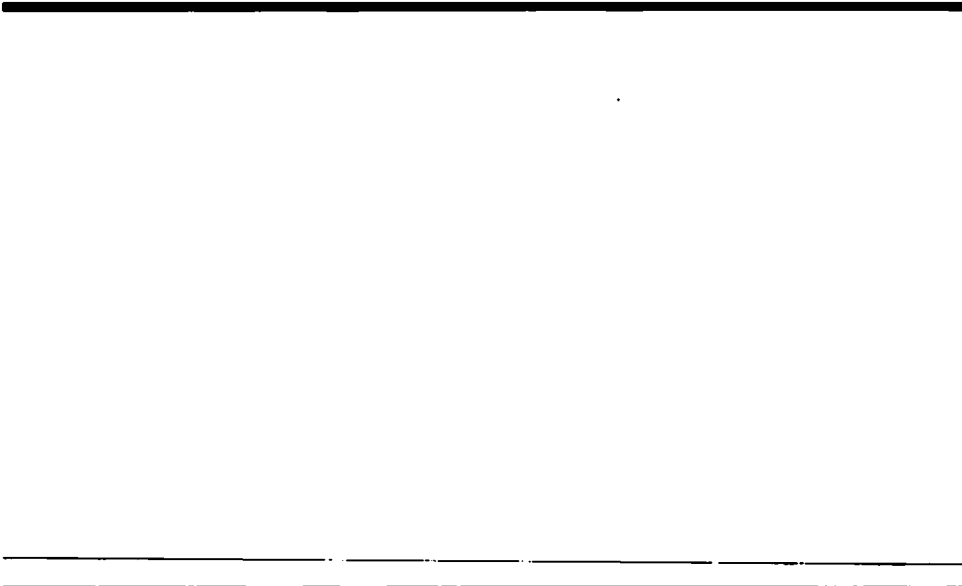


1966

SATELLITES: COLLISIONS

O 10, A-1-4

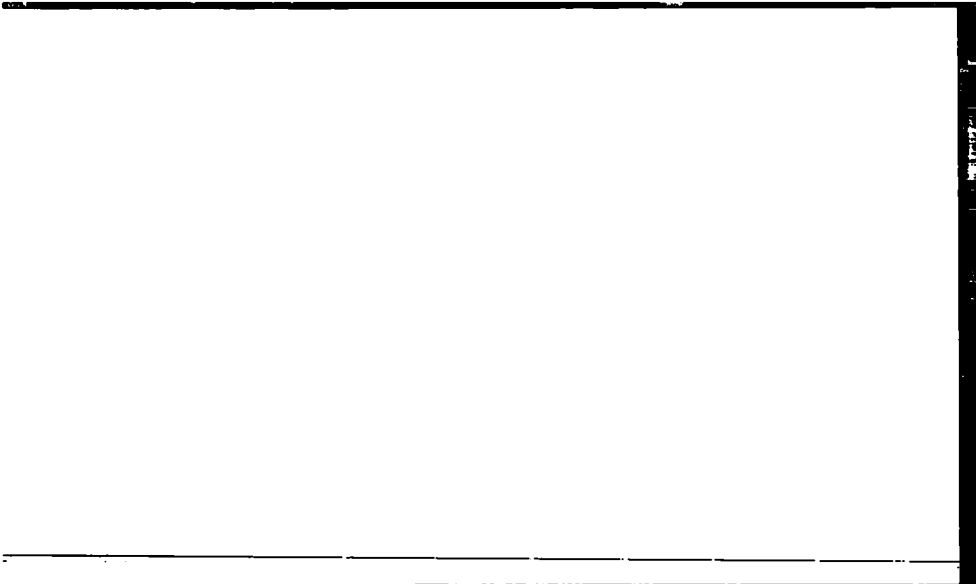
MADRID-2 UNMANNED US SATELLITES HURTLING THRU SPACE AT 5 MILES
A SECOND COLLIDED LAST YR. BUT SURVIVED CRASH, STILL OPERATING



SATELLITE : COMBINED RELEASE AND RADIATION EFFECTS 1990

J1 30 E2-1

Cape Canaveral, Fla - Satellite will paint the earth's invisible magnetic field and also will carry out experiments to study the effects of space radiation on microelectronics.



N 11, 11-1

ADLAI STEVENSON RECOMMENDS SHAKEUP ON A-OVE ISSUE

D 8, 5-14-5

AMVET NAT'L COMMANDER STUART SATULLO COMMENTS ON FAILURE OF U.S. SATELLITE TO GET INTO AIR

D 8, 8-15-1

RUSSIAN NEWSPAPERS CROW OVER FAILURE OF U.S. SATELLITE-CUTLER

-----1958----- E 3, 9-3

HOLLAND-ARMY SECY DRUCKER CITES AID OF RUSSIA'S SPUTNIKS TO U.S. IN SPEECH TO HOPE COLLEGE GRADS HERE

S 22, 8-6 98

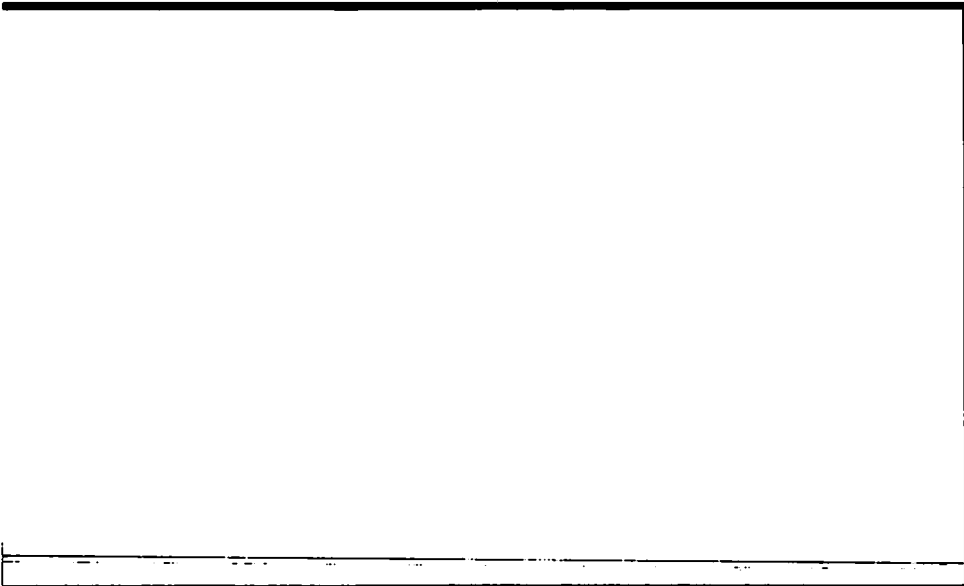
WERNHER VON BRAUN SPEAKS @ SPEAKS TO DET. ECONOMIC CLUB ON USE OF MISSILES IN PEACETIME-PIPP

-----1959----- S 17, A-8-1

PR-S. IKR IS NOT IN FAVOR OF CONCENTRATING TOO MUCH EFFORT ON PUTTING SATELLITES INTO ORBIT AT EXPENSE OF GENERAL EDUCATION

-----1964----- JE 7, A-2-1-2*

WASH-JAMES E. WEBB OF NASA SAID MAN-MADE SATELLITE IS FIRST IN LIMITED TOOL WE EVER HAD-IS POWERFUL INSTRUMENT FOR ADVANCING POLITICAL STABILITY & SOCIAL & ECONOMIC PROGRESS IN WORLD-MARTIN

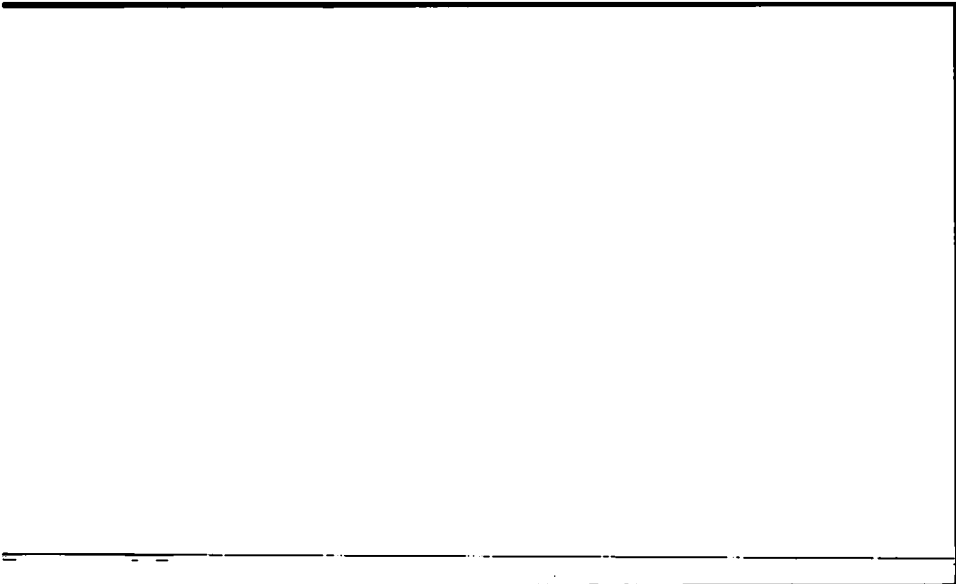


1964

SATELLITES: COMMUNICATIONS: CONFERENCE

JL 12, A-18-2

WASH.-16-NATION CONF.ON ORGANIZATION OF SATELLITE COMMUNICATIONS SY-
STEM POSTPONED OPENING TO BE SCHEDULED TO BEGIN JULY 21



SATELLITES - COMMUNICATIONS - EUROPE

1963

PARIS-EUROSPACE ORG.SAYS EUROPE'S FIRST OPERATIONAL ABOVE COULD BE
LAUNCHED BY 1968

AP 8, 12-7-6

---1978---

MY 4, C-9-1

WASH-US TO LAUNCH NEW COMMUNICATIONS SATELLITE FOR EUROPE

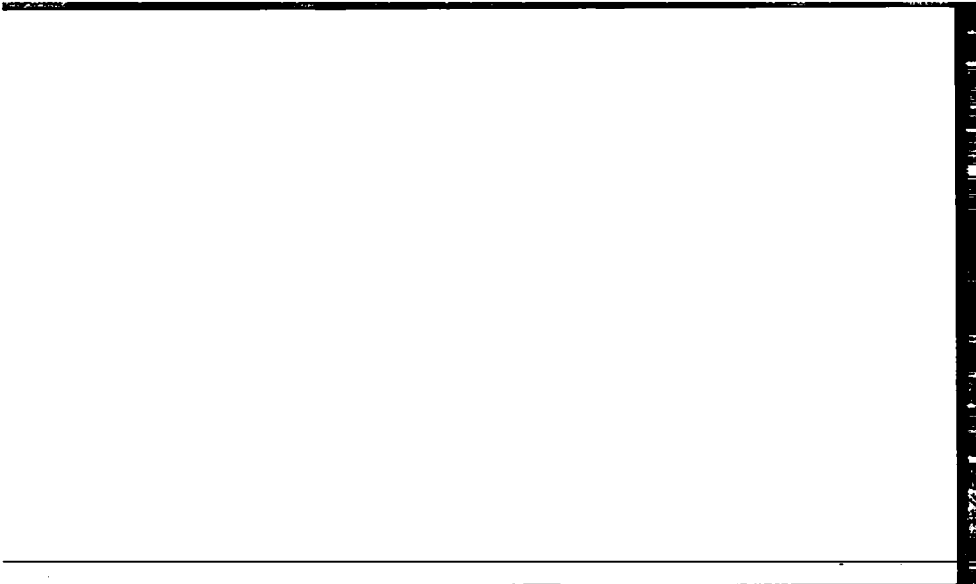


SATELLITES - COMMUNICATIONS - JAPAN

1964

MR 22, D-8-5 2*

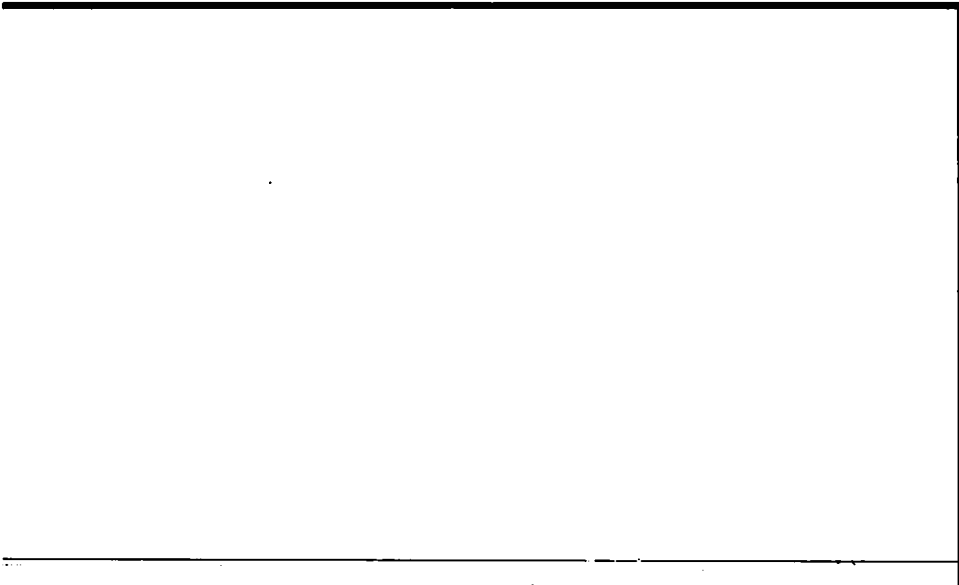
TOKYO-TEST TELECAST FOR MR.25 JAPANESE TELECAST TO US BY SATELLITE
CONDUCTED SUCCESSFULLY



1962

SATELLITES - COMMUNICATIONS - RUSSIA

BERLIN-RUSSIA TO SEND UP TO COMMUNICATIONS SATELLITES TO BEAM PROPAGANDA PROGRAMS AROUND WORLD AG 7, A-1-5 FIN 5
---1965--- AP 23, A-6-1
MOSCOW-SOVIET UNION LAUNCHED 1ST COMMUNICATIONS SATELLITE INTO ORBIT & SUCCESSFULLY CARRIED OUT TV TRANSMISSIONS BETWEEN MOSCOW & VLADIVOSTOK AP 27, C-7-4 5*
MOSCOW-RUSSIA WATCHED 80 MINUTE PROGRAM BEAMED THROUGH SPACE FROM FAR EAST CITY OF VLADIVOSTOK BY MOLNIYA-1 SATELLITE LAUNCHED AP 23
O 14, C-12-1
MOSCOW-LAUNCHED 2D COMMUNICATIONS SATELLITE AIMED AT TESTING POSSIBILITY OF LONG-RANGE COMMUNICATIONS SYSTEM
N 30, B-6-2
MOSCOW-1ST COLOR TV TRANSMISSION MADE FROM MOSCOW TO ARIS N 29 BY WAY OF RUSSIA'S MOLNIYA 1
O 4, B-3-1
MOSCOW-SOVIETS ORBIT SATELLITE FOR TELEVISION NETWORK - MOLNIYA 1



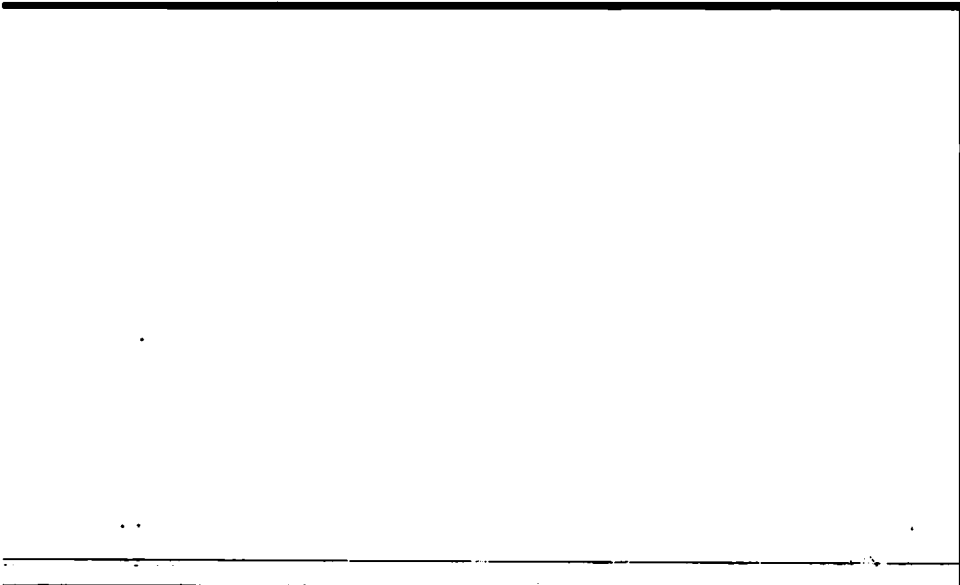
1962

SATELLITES - COMMUNICATIONS - STOCK

D 18, A-10-8

FCC TO START ACCEPTING APPLICATIONS JAN. 2 FROM COMMUNICATIONS COMPANIES
WHICH WANT TO PURCHASE STOCK IN SATELLITE CORPORATION D 18, 2-9-5

DATE SET FOR SATELLITE STOCK ACTION



- LONDON-BRITISH OPPOSE U.S. PLANS FOR PROJECT "NEEDLES"; PIECES OF METAL STRIPS, CALLED DIPOLES, INTENDED TO BOUNCE RADIO MESSAGES BACK TO EARTH AS THEY PASSED IN ORBIT
S 15 A-2-4
---1961--- Ap 4, D-8-5
- ENGLAND, FRANCE & U.S. TEAM UP IN PROGRAM TO LAUNCH & TEST COMMUNICATION SATELLITES
JL 25, A-3-1
- PRS. KENNEDY FAVORS COMMUNICATIONS SYSTEM BEING OPERATED BY PRIVATE COMPANIES - IF CERTAIN REQUIREMENTS ARE MET
JL 28, D-8-5
- FED. SPACE AGENCY SAYS IT WOULD LAUNCH AT LEAST TWO & PERHAPS FOUR, COMMUNICATIONS SATELLITES NEXT YEAR FOR AMER. TELEPHONE & TELEGRAPH CO.
Ag 9, A-9-4
- BRISBANE, AUSTRALIA-U.S. ARMY PLANS TO LAUNCH A SATELLITE IN 1963 AS START OF GLOBAL ARMY COMMUNICATIONS NETWORK FOR VOICE TV & TELETYPE TRANSMISSION
Ag 12, A-3-1
- WHITE HOUSE OK'S SCIENTISTS PUTTING UP "COPPER CURTAIN" 1,000 MILES ABOVE EARTH IN TEST OF NEW LONG RANGE RADIO COMMUNICATION SYSTEM
O 22, A-1-4 2*
- POINT ARGUELLO, CALIF.-MIDAS IV ORBITS TINY COPPER WIRES IN NEW COMMUNICATIONS BAND AROUND EARTH
O 22, A-1-7
- MIDAS SATELLITE ORBITS SPREADING TINY COPPER WIRES AROUND EARTH
O 24, D-6-2
- U.S. DENIES SCIENCE PERIL IN COPPER CLOUD

--1961--

AIR FORCES LOSES COPPER NEEDLES

O 26, D-13-8

GHERNA TITOV ASSAILS U.S. SPACE NEEDLES

O 27, A-3-7

TURIN, ITALY-COPPER NEEDLE CLOUD RELAYS RADIO VOICE

O 30, A-3-5

N 4, A-2-3 FIN 3

AIR FORCE LOSES SPACE NEEDLES

N 18, A-7-2

DR. WERNER VON BRAUN PREDICTS TAX ON SKY SATELLITES-KONZELMAN

D 6, F-10-3 Z1

MALCUTTA-SOVIET SPACEMAN MAJ. HURI GAGARIN SAYS RADIOACTIVE NEEDLE BARRAGE SENT INTO ORBIT BY U.S. IN OCT. MIGHT CREATE SOME DIFFICULTY FOR FUTURE SPACE FLIGHTS BUT COULD BE OVERCOME

D 8, 9-7-1

U.S. CHAMBER OF COMMERCE SAYS COMMUNICATIONS SATELLITES SHOULD BE OWNED & OPERATED BY PRIVATE INDUSTRY

----1962---- F 5, A-10-1

AT&T & ITS PLAN TO USE SATELLITES FOR COMMUNICATIONS-CONSIDINE

F 7, A-1-2

PRES. KENNEDY ASKS CONG. TO CREATE A CORPORATION WHICH COULD FINANCE PRIVATE OWNERSHIP OF A COMMUNICATIONS SATELLITE SYSTEM THRU PUBLIC SALE OF \$1 BILLION IN STOCK

M 1, A-4-5

OWNERSHIP OF AMERICAN ABOVE CORP. SPLIT WITH FCC & PRES. KENNEDY

Mr 29, A-3-1

LONDON-PRINCE PHILIP MAY BROADCAST FIRST LIVE TV MESSAGE FROM BRITAIN TO U.S. VIA A COMMUNICATIONS SATELLITE

- Mr 20, A-20-5
PUBLIC TO BE ALLOWED TO BUY HALF OWNERSHIP OF ABOVE CORPORATION
- Mr 30, D-11-8 FIN5
NYC-FIRST LIVE TV BROADCASTS ACROSS ATLANTIC DUE THIS SPRING
- AP 5, B-7-2
DR. RUSSELL D. O'NEAL PREDICTS SATELLITES COMMUNICATIONS BY '70'S-PIPP
- My 11, C-12-3
HOUSE APPROVES BILL SETTING UP MACHINERY FOR PRIVATE CORPORATION TO OWN AND OPERATE FIRST WORLDWIDE COMMUNICATIONS SYSTEM IN SPACE
- My 11, C-12-3
TV PICTURE BOUNCED OFF ORBITING ECHO 1 1,000 MILES ABOVE EARTH
- JE 11, A-3-1 LF
MILITARY PROJECT TAKEN FROM ARMY & GIVEN TO AIR FORCE
- JE 12, A-3-5
~~ANN ARBOR ABOVE PROJECT LOST BY BENDIS SYSTEMS DIV. JE 21, A-1-1 LF~~
- JL 10, A-1-1
NY-JL TO SHOW FIRST LIVE TRANSATLANTIC TV PROGRAMS
- JL 27, A-12-6 FIN3
US ORBITS FIRST INTERNATIONAL COMMUNICATIONS SATELLITE
- JL 27, A-3-1 FIN5
DEMOCRATS IN SENATE BATTLE OVER PRES. KENNEDY BILL FOR TELESTAR-EVANS
- SEN. MORSE OF ORE TOOK FLOOR FOR LONG TALK AGAINST KENNEDY BILL

--1962--

SENATE CALLED IN TODAY, SAT. TO KEEP PRESSURE ON FOES OF BILL

SENATE RECESSED UNTIL JL 30 ON SATELLITE BILL DEBATE

SENATE LEADERS MAY HAVE ALL NIGHT SESSIONS TO SETTLE SATELLITE BILL

SENATE LEADERS FILING PETITION TO CUT OFF DEBATE & FORCE SHOWDOWN VOTE FOR AG 2

SEN. HEARING ARGUMENTS FOR & AGST BILL TO CREATE PRIVATELY OWNED-GOVERNMENT-REGULATED CORP TO OPERATE ABOVE TELSTAR
NEW EFFORT TO REACH COMPROMISE IN SPACE COMMUNICATIONS FILIBUSTER COLLAPSES

REP. SENS. WERCK COMPROMISE SOLUTION FOR BREAKING OFF DEM. FILIBUSTER ON ADMINISTRATION'S SATELLITE BILL

IF BILL REACHES SENATE ROLL CALL STAGE, WILL BE HARD TO TELL IF VOTING IF ON MEASURE OR FOR OR AGST SEN. MORSE-HADYEN

SENATE ENDS FILIBUSTER-SENDS MEASURE TO COMMITTEE & TAGS IT FOR RENEWED ACTION BY AG 10

WHILE THEY TALK-EDIT.

SEN. GORE SAYS HE ANTICIPATES COMMITTEE REVISION OF SPACE COMMUNICATIONS BILL TO GIVE PRES. KENNEDY CONTROL OF NEGOTIATIONS

ATTY. GEN. ROBERT KENNEDY TESTIFIED US FOREIGN POLICY POSITION WELL-PROTECTED IN ADMINISTRATION'S COMMUNICATIONS SATELLITE BILL

JL 28, A-3-4

JL 29, A-14-4

JL 30, A-10-1

JL 31, A-3-6

JL 31, A-10-2 FIN 3

JL 31, A-3-6 FIN 5

AG 1, A-1-2

AG 1, B-12-6

AG 1, A-1-5 FIN 5

AG 2, B-10-2

AG 2, A-13-1 FIN 3

AG 3, C-16-2 FIN 5

1962

SATELLITES - COMMUNICATION

SEN. MORSE SAYS HE WILL CONTINUE FILIBUSTER OF ABOVE BILL AFTER AUG. 10	AG 4, B-8-6 FIN 3
SEC. ST. RUSK SAYS ADMINISTRATION BILL FOR PRIVATELY OWNED ABOVE SYSTEM IS FULLY ADEQUATE TO PROTECT FOREIGN POLICY INTERESTS OF US	AG 7, A-10-5 FIN 3
SEN. FIGHTING ABOVE BILL SEEK OUTSIDE HELP AFTER GETTING LITTLE SUPPORT FROM GOVERNMENT OFFICIALS	AG 8, A-13-1
BILL OF PRES. KENNEDY DENOUNCED BY SEN. KEFAUVER AS GIGANTIC GIVEAWAY	AG 9, B-8-1
HARRY TRUMAN HITS TELSTAR BILL AS GIVEAWAY	AG 9, B-9-1 FIN 5
SPACE BILL FILIBUSTER IS THREATENED AGAIN	AG 10, D-4-6
SENATE BEAT ATTEMPT BY DEM LIBERALS TO PUT ASIDE ABOVE BILL	AG 10, B-3-8 FIN 5
SENATE FILED DEBATE-LIMITATION PETITION IN MOVE TO BREAK A FILIBUSTER AGAINST ABOVE BILL	AG 11, A-1-4
VOTE DUE AG 14 TO LIMIT DEBATE ON ABOVE BILL	AG 12, A-6-1
OPPONENTS OF KENNEDY SPACE BILL TALK TO SEEK END OF FILIBUSTER NEXT WEEK	AG 12, A-6-1 5*Mo 1
SEN. LONG, LA DENIES BRIBE OFFER BY AT & T TO SUPPORT ABOVE BILL	AG 13, A-1-7 FIN 5
PARTY LEADERS TRY TO INVOKE CLOTURE FOR 5TH TIME IN SENATE HISTORY SEEKING TO END FILIBUSTER OVER ABOVE BILL	AG 14, A-10-1

---1962---

AG 14, A-1-1 LF

SEN. SETS DEBATE LIMITATION TO BREAK FILIBUSTER AGST ABOVE BILL

AG 15, A-1-6

MICH. SENATORS McNAMARA & HART VOTE AGST EACH OTHER IN DEBATE LIMITATION ABOVE-TER HORST

AG 16, R-9-7

SEN. LEADERS PREPARE POINT-BY-POINT ANSWERS TO EXPLAIN BLANKET REJECTION OF OPPOSITION AMENDMENTS TO KENNEDY SPACE BILL

AG 16, R-12-1

AS WOODROW WILSON SAYS; AGAIN, WILFUL WRECKERS-EDIT.

AG 16, B-9-1 FIN5

SEN. REJECTS SPACE BILL ON PROPOSED RACIAL DISCRIMINATION BAN-VOTE WAS 54-37

AG 17, A-10-3

SPACE BILL NEARED FINAL SENATE VOTE TO SET-UP GOVT.-REGULATED COMMUNICATIONS SATELLITE CORP.

AG 17, A-10-3 FIN5

SENATE CONTINUES TO GRIND DOWN SERIES OF FILIBUSTER-BLOC AMENDMENTS AS IT MOVED TOWARD FINAL PASSAGE OF PRES. KENNEDY'S SPACE BILL

AG 18, A-2-6

BACKERS OF PRES. KENNEDY'S BILL FORESEE NO DIFFICULTY IN PUSHING SENATE-APPROVED MEASURE TO FINAL ENACTMENT BY HOUSE

AG 28, A-8-7

PRES. KENNEDY'S SIGNATURE NEEDED TO ESTABLISH PRIVATELY OWNED INTERNATIONAL COMMUNICATIONS SYSTEM USING SPACE RELAY

AG 31, A-1-6

PRES. KENNEDY SIGNS COMMUNICATIONS SATELLITE BILL S 30, A-21-1 2*

FCC INVITS COOPERATION OF SOVIET UNION IN INTERNATIONAL HIGH-ALTITUDE TELEVISION SYSTEM

SATELLITES: COMMUNICATION

1962

PRES. KENNEDY NAMED LEONARD WOODCOCK & A DOZEN OTHER BUS. EXEC. TO FORM THE COMMUNICATIONS SATELLITE CORP.

0 5, C-9-5

0 23, C-6-7

RD. NAMED BY PRES. KENNEDY TO SET UP COMMUNICATIONS SATELLITE CORPORATION
HOLDS FIRST MEETING OCT. 22, PHILIP L. GRAHAM ELECTED CHAIRMAN

N 6, B-2-8

U.S. & JAPAN AGREED TO CO-OPERATE IN TESTING ABOVE
RELAY SATELLITE TO BE LAUNCHED INTO SPACE FROM CAPE CANAVERAL IN WEEK
FOR SECOND ROUND OF LIVE TV SHOWS EXCHANGES WITH EUROPE

N 3, A-17-7

D 5, B-10-1 FIN3

NAVY FIRST SEAGOING TERMINAL FOR SATELLITE COMMUNICATIONS, THE KINGSPOINT
TO BE TURNED OVER TO MILITARY SEA TRANSPORTATION SERVICE IN PHILA

D 14, A-1-6

NEW SATELLITE NAMED RELAY SOARED INTO SPACE
NY-NEW SPACE COMMUNICATIONS AGENCY HEADED BY PHILIP GRAHAM TO BE CALLED
THE SPACE COMMUNICATIONS CORP. --1963--

D 22, A-1-7

JA 17, A-12-3 LF

JACAREPAGUE, BRAZIL-STOREIES FROM AP & UP INTERNAT'L JOINED LINKUP OF
NORTH & SOUTH AMERICA BY WAY OF SATELLITE

JA 29, A-3-6

US TO FIR NEW ABOVE NAMED SYNCOM FEB. 6-TO HOVER HIGH IN SKY

Mr 21, A-1-1 LF

FIRST TRANSMISSION OF TV IN COLOR, VIA SATELLITE, HAS BEEN ACCOMPLISHED

---1963---

AG 5, A-3-4

NY-IN ITS 1ST TEST TO RELAY TRANSMISSIONS BETWEEN CONTINENTS, 3 NEWS
STORES & 2 PHOTOGRAPHS WERE BOUNDED OFF NEW SYNCON II SATELLITE

AG 16, A-3-2 FIN5

U.S. & RUSSIA AGREED TO JOIN IN CO-ORDINATED WEATHER SATELLITE PROGRAM
& JOINT EXPERIMENTS WITH ECHO-TYPE COMMUNICATIONS SATELLITE

S 29, B-11-1

RUSSIA DEVELOPING PROPOSALS FOR INTERNAT'L TELE-COMMUNICATIONS UNION C
CONF OPNING AT GENEVA OCT7 ON ABOVE

N 5, B-7-2 FIN 3

US & RUSSIA AGREE ON FREQUENCIES WILL ASK ITU TO RESERVE FOR SATELLITE
COMMUNICATIONS

N 9, A-5-7 MAIL

SPACE PACT SIGNED IN GENEVA 18-U.S. RECEIVED ALMOST ALL FREQUENCIES
IT ASKED FOR ON RADIO COM UNICATION

TOTH

N 20, B-4-3

JAPAN TO BE ADDED TO US SPACE AGENCY'S WORLDWIDE COMMUNICATIONS SATEL-
LITE NETWORK NOV.22

N 26, B-5-3 FIN3

LONDON-FUNERAL SERVICES OF LATE PRES. KENNEDY SHOWN OVER COMMUNICATI
ONS SATELLITE TV IN MANY COUNTRIES

N 27, B-12-1

MONTREAL-CANAD WILL BUILD EXPERIMENTAL GROUND STATION FOR ABOVE FOR
FED. DEPT OF TRANSPORT

D 16, A-12-4

NY-DEF. DEPT. TO DEVELOP COMMUNICATIONS SATELLITE SYSTEM FOR MILITARY
Use

SATELLITES: COMMUNICATION

1963

MARQUETTE-DONALD KRIGG & WIFE TALKED WITH SON-IN-LAW MICHAEL McDONALD
BY WAY OF SATELLITE D23-MICHAEL IS AEROSPACE ENGINEER WITH NASA IN WA
SH
---1964--- D 24, A-11-5 FIN3

VANDENBERG AFB-ECHO 2 ORBITS EARTH AS "SPACE AMBASSADOR" BTWN US &
RUSSIA JA 26, A-1-1

ROME-TALKS ON ESTABLISHMENT OF WORLDWIDE TELECOMMUNICATIONS SYSTEM
BY SPACE END F 13, B-9-5

WASH-HUGHES AIRCRAFT CO GIVEN \$8 MILLION CONTRACT TO SUPPLY COMMUNI-
CATIONS SATELLITE CORP WITH SPACECRAFT FOR 1965 Mr 17, C-8-5

NEW TYPE SATELLITE BEING PRESSURE-TESTED BY GOODYEAR AEROSPACE CORP.,
AT AKRON, OHIO JE 15, C-9-7

GENEVA-US & RUSSIA END TALKS ON POSSIBLE SOVIET COLLABORATION IN GLOBAL
COMMUNICATIONS NETWORK THRU SPACE SATELLITES JE 17, B-17-1

RETIRED MAJ. GEN. EARLE F. COOK RECALLS BEING ONE OF 88 WHO TOOK PART
IN PUTTING FIRST BOX WITH BEEPING SOUND IN SATELLITE IN 59 THAT COULD
BE HEARD AROUND WORLD-NOBLE ---1965--- JE 21, G-9-1

WASH.-COMMUNICATIONS SATELLITE CORP. ANNOUNCED TARGET DATE OF AP 6 FOR
LAUNCHING OF 1ST COMMUNICATIONS SATELLITE "EARLY BIRD" AP 2, A-3-6
CHI.-DAVID BELKIN, 15, HAS BUILT STAR DUST, HIS OWN COMMUNICATIONS SATEL
LITE Mr 30, B-4-8

---1965---

AP 6, D-13-3

NY-COMSAT HAS SCHEDULED LAUNCHING OF ABOVE BTWN 6:30 & 7:30 R.M.
AP 6 AT CAPE KENNEDY, FLA.

MY 3, A-4-3

HOLLYWOOD-OPENS NEW ERA IN PEOPLE-TO-PEOPLE RELATIONS MAY 2 WITH 2-HR
INAUGURAL TELECAST

MY 14, A-3-4

NY-ABC PREPARING PLANS TO LAUNCH DOMESTIC COMMUNICATIONS SATELLITE TO
RELAY NETWORK TV PROGRAMS

MY 30, B-7-5

WASH.-JOSEPH V. CHARYK, PRES. COMSAT, SUGGESTS USING SATELLITE 20 TIMES AS
POWERFUL AS EARLY BIRD TO LINK POINTS WITHIN US

JE 3, D-17-4

WASH.-AT&T ASKS FOR 100 VOICE CHANNELS TO PROVIDE NEW SERVICES TO EU-
ROPE VIA COMMUNICATIONS SATELLITE

JE 4, D-14-5

WASH.-RADIO CORP. OF AMER. BECAME 2ND COMPANY IN 2 DAYS TO ASK PERMIS-
SION TO BECOME CUSTOMER OF ABOVE

JE 20, A-3-1

WASH.-U.S. ARMY OFFICE RESEARCH ANNOUNCED THAT PHONE SATELLITES TO RELAY
RECORD 17,000 MILE CALL

JL 2, R-6-5

FCC TO ACT WITHIN 2 WKS ON APPLICATION OF ABOVE FOR OK TO ASSEMBLE A
THIRD SATELLITE OF THE EARLY BIRD TYPE

JL 31, A-8-2

WASH-COMMUNICATIONS SATELLITE CORP ASKED TO PROVIDE SATELLITE COMMUNIC-
ATIONS FOR CERTAIN GOVT SPACE EXPLORATION ACTIVITIES

AG 18, C-18-2

WASH-COMMUNICATIONS SATELLITE CORP HAS ASKED INDUSTRY TO SUBMIT PROPOSAL
S FOR ADVANCED SPACECRAFT TO BE USED IN WORLDWIDE COMMERCIAL SYSTEM

SATELLITES- COMMUNICATION

1965

WASH-HOLMES & NARVER INC ASKED BY COMMUNICATIONS SATELLITE ORP TO DESIGN 2 STATIONS AS GROUND LINKS IN WORLDWIDE COMMERCIAL COMMUNICATION SATELLITE SYSTEM
AG 24, B-7-2
S 27, B-11-2

NY-ABC ASKED FCC FOR OK TO OPERATE A SATELLITE SYSTEM TO TRANSMIT DOMESTIC TV PROGRAMS - PROVIDE IN STATE, 24 HR A DAY NATIONWIDE SERVICE
N 25, B-12-1

WASH-4 NEW SATELLITES ORDERED TO CREATE WORLD TV BY COMMUNICATIONS SATELLITE CORP
D 8, A-6-6

TOKYO-TYE NIPPON ELECTRIC CO. OF TOKYO & HUGHES AIRCRAFT CORP. OF U.S. JOINTLY DEVELOPED A NEW COMMUNICATION SYSTEM CALLED STAR FOR GROUND STATIONS TO COMMUNICATE SIMULTANEOUSLY THRU 1 SATELLITE
D 12, H-1-3

CAPE KENNEDY-OSCAR 4 TO TAKE OFF DEC 21-TO CARRY HAM-RADIO CHANNELS
D 30, A-3-4

WASH-COMSAT ASKED FOR DESIGNS FOR SPACE SATELLITE WITH 20 TIMES THE CAPACITY OF EARLY BIRD
---1966---

WASH-SPACE BROADCAST NETWORK PLANNED BY SPACE AGENCY
MR 10, E-10-4 Z 2
AP 13, B-2-4

WASH-COMSAT OUTLINED TO POTENTIAL USERS A 4-SATELLITE SYSTEM IT SAID COULD PROVIDE TV SERVICE FOR ALL 600 TV STATIONS IN U.S.

---1966---

AP 18, R-5-7

SANTIAGO-STUDY ON POSSIBILITY OF ABOVE IN SOUTH AMERICA WILL SHORTLY BEGIN IN SANTIAGO

AP 19, A-17-2 5*

HONOLULU-NAVY GUIDED MISSILE CRUISER CANBERRA IS 1ST SHIP TO MAKE OPERATIONAL USE OF SATELLITE COMMUNICATION RELAY

AP 28, A-15-1

WASH-CONSAT ASKS FCC OK OF NEW SATELLITES

JE 10, R-7-4

CAPE KENNEDY-AIR FORCE PLANS TO LAUNCH BUNDLE OF 8 SATELLITES ABOARD SINGLE TITAN 3 ROCKET, 7 OF PAYLOADS WILL BE ABOVE TO SPEAK MILITARY MESSAGES AROUND WORLD

JL 31, B-12-6

WASH-CONSAT SIGNED AGREEMENT FOR NASA TO PROVIDE LAUNCHING SERVICES FOR 2 NEW COMMERCIAL SATELLITES NEXT FALL OWNED BY INTELSAT

AG 23, A-18-1

CAPE KENNEDY-APOLLO SHIP LAUNCH SET IN TEST OF 2 GIANT ROCKETS-8 ABOVE TO BE HURLED INTO SEPARATE ORBITS AG 24-PIPP AG 24, C-14-2

CAPE KENNEDY-FLA-POSTPONE LAUNCHING OF TITAN 3C SATELLITE MALFUNCTION BLAMED-PIPP AG 25, B-18-1

WASH-NAVY SENDING RADIO MESSAGES VIA SATELLITE FROM SHIP STATIONED OFF VIET TO PACIFIC FLEET HQ IN HONOLULU

CAPE KENNEDY-TITAN 3C ROCKET EXPLODED ON TAKEOFF-PIPP AG 26, A-1-1

AG 27, B-5-5

CAPE KENNEDY-FAILURE OF TITAN NOSE CONE SIFTED

SATELLITES : COMMUNICATION

1966

PARIS-U.S.PROPOSED NATO NATIONS JOINTLY LAUNCH A COMMUNICATION SATELLITE-WOULD BE LAUNCHED FROM CAPE KENNEDY,FLA.

S 28, A-15-4 5*

LIVE COLOR TV TO BE AIDED BY 2 NEW SATELLITES-PIPP

O 22, F-4-1

O 27, A-18-1

CAPE KENNEDY-NEW SATELLITE PUT INTO ELLIPTICAL ORBIT
-COMSAT TO DECIDE TODAY WHEN IT WILL BE PUT IN FINAL POSITION NEAR EARTH TO RELAY TV-PIPP

O 26, K-26

O 28, B-4-8

WASH-NEW COMMUNICATIONS SATELLITE IS ORBITING EARTH TO SERVE AS FIRST COMMERCIAL SPACE LINK BETW.NORTH AMERICA & FAR EAST

O 30, A-18-8 2*

COMSAT ASKED FCC FOR OK TO BUILD RELAY STATION FOR ABOVETM IN CALIF.

O 31, A-3-3

WASH-COMSAT SAID LARI BIRD,NEWEST COMMUNICATION SATELLITE IS STILL ORBITING EARTH BUT DOUBT CAN BE USED TO RELAY TV & PHONE SIGNALS-HASN'T REACHED DESIRED ORBIT

N 2, C-24-1

COMSAT QUESTION IF FIRM CAN LIVE UP TO ITS FORECAST OF EARNING INITIAL \$4 MILLION TO \$5 MILLION NEXT YEAR

---1966---

N 8, B-3-5

WASH-WESTERN UNION TELEGRAPH CO. PLAN SATELLITE SYSTEM

N 24, A-15-1

LONDON-NEWSPAPER & NEWS AGENCIES INVESTIGATE USE OF SATELLITES TO SPEED INTERNATL NEWS

N 25, C-6-4

LONDON-BRITONS SAW FIRST LIVE TV FROM AUSTRALIA RELAYED BY NEW PACIFIC COMMUNICATIONS SATELLITE EARLY BIRD II

N 28, B-7-1

TOKYO-TV VIEWERS IN JAPAN N27 WATCHED LIVE TELECAST FROM U.S.VIA SATELLITE INTELSAT 2A

D 16, D-5-4

NY-LAND-SPACE R PHONE NET SOUGHT BY AT&T

D 19, C-8-4 3*

WASH-15 PROPOSALS ON NEW SATELLIT SYSTEM RECEIVED BY FCC

D 21, A-11-8

AMERICAN NEWSPAPER PUBLISHERS ASSN ASKED FCC TO ALLOW NEWS MEDIA TO ~~XXXX~~ USE COMMUNICATION SATELLITES TO TRANSMIT NEWS & PICTURES WITHIN US

D 25, A-11-4

TAIPEI, FORMOSA-\$10 MILLION EARTH STATION EXPECTED TO MAKE NATIONALIST CHINA LINK IN ABOVE IN NEXT 2 YRS

---1967---

JA 4, C-17-2

TO OPERATE OVER PACIFIC OCEAN AFTER JAN 11

SATELLITES : COMMUNICATION

1967

NASA TO LAUNCH NEW LANI BIRD SATELLITE FROM CAPE KENNEDY
JA 11 TO REPLACE SIMILAR ONE THAT DID NOT ORBIT PROPERLY
LAST OCT.30-PIPP

JA 8, A-6-1

JA 11, A-16-7

CAPEKENNEDY-2NDLANIBIRD COMMUNICATIONS SATELLITE SUCCESSFUL-
LY BLASTED TOWARD EARTH ORBIT-PIPP

JA 18, A-1-1

CAPEKENNEDY-US RUSHES 8 COMMUNICATIONS SATELLITES TO IM-
PROVE MESSAGES FROM WASH-VIETNAM-PIPP

JA 19, A-19-8

WASH-NEW SATELLITE TO BE LAUNCHED FEB 15
CAPE KENNEDY-8 NEW RADIO RELAY SATELLITES LINKED TO GROUND
STATIONS TO CUT DEFENSE DEPT.DEPENDENCE ON EARTH-BOUND COM-
MUNICATIONS ON HIGH-PRIORITY MESSGES OVERSEAS

JA 19, A-10-7 5*

F 7, A-8-1

WALTER D.SCOTT OF NBC SAID ABOVE TO ENABLE AMERICANS TO SEE
& HEAR FOREIGN NEWSMAKERS AS FAST AS THEY DOW NOW IN U.S.

F 8, A-2-5

LA-KCET-CHANNEL 28, EDUC. TV. BROADCAST TO BE BEAMED AROUND
WORLD LIVE VIA SATELLITES EARLY BIRD & LANI BIRD JE25 FOR
FIRST TIME

Mr 23, B-8-2

/CAPEKENNEDY-CANARY BIRD TO HOVER ATLANTIC OCEAN-PIPP

--1967--

AP 3, A-16-1

NY-FORD FOUNDATION URGES FORMATION NONPROFIT SATELLITE RE-
LAY SYSTEM FOR PUBLIC & COMMERCIAL RADIO & TV BUT WANTS
COMSAT BARRIED FROM IT

AP 5, A-6-1 3*

LAGOS, NIGERIA-WORK TO BEGIN HERE ON COMMUNICATIONS SATELLITE
STATION, TELECOM INC. TO PROVIDE TELECOMMUNICATIONS SYSTEM

AP 24, A-18-1

JL 2, A-11-8

CROWING IN THE PUBLIC INTEREST?-EDIT
CAPE KENNEDY-TITAN 3C ROCKET CARRYING 6 MILITARY LAUNCHED
JL 1 TO CLOSE GAPS IN PENTAGON

JL 6, A-16-1

WASH-U.S. PUBLIC HEALTH SERVICE RECEIVED ELECTROCARDIOGRAM
FROM FRANCE JL5 BY SATELLITE AS DEMONSTRATION, IN CONJUNCTION
WITH FIRST CONGRESS ON MEDICAL ELECTRONICS AT TOURS, FRANCE

AG 28, A-12-8 FIN1

WASH-MILITARY SATELLITE COMMUNICATIONS SYSTEM NEEDS TO BE ENLARGED BE-
YOND CURRENT 17 SATELLITES

S 25, B-15-6

WASH-NEW SATELLITE WILL BE LAUNCHED S 27 FROM CAPE KENNEDY, FLA

S 28, A-3-3 FIN

CAPE KENNEDY, FLA-PACIFIC 2 IN PERFECT ORBIT TO REINFORCE
TRANSPACIFIC COMMUNICATIONS NETWORK

O 24, B-10-1 FIN1

DEAN JAMISON SAYS SATELLITES MAY BE USED TO EDUCATE PEOPLE
IN JUNGLES-PIPP

SATELLITES : COMMUNICATION

1967

LONDON-PROF. FRED FRIENDLY SAYS PROMISES FOR WORLD TV IS
THREATENED BY COMMERCIAL & GOVERNMENTAL AVARICE

O 25, C-11-3

---1968---

S 18, A-16-1

1ST OF 4 TV SATELLITES READY FOR LAUNCHING-PIPP

N 8, C-6-8

NY-AMER. TELEPHONE & TELEGRAPH CO. ASKED PERMISSION OF FCC TO USE 70 ADDITIONAL
SATELLITE CIRCUITS FOR HANDLING PHONE CALLS BTWN US & EUROPE

CANADA- EXPECTED TO BE LAUNCHED IN 71' OR 72'-D 15, A-27-1

D 19, A-3-4

WORLD'S BIGGEST CIVILIAN COMMUNICATIONS SATELLITE HEADED TO
WARD SYNCHRONOUS ORBIT 22,300 MILES ABOVE SOUTH ATLANTIC OCEAN-PIPP

---1969---

F 9, A-22-1

PACIFIC 3 SATELLITE RESTING ABOVE PACIFIC F 9, A-22-2

FACSAT DESIGNED TO PROVIDE FRONT LINE COMMUNICATION FOR TROOPS

F 25, B-3-3 RACE

U.S. URGES SOVIETS TO JOIN SATELLITE NETWORK

JE 30, A-4-1 LF

WASH- TROUBLES REPORTED WITH ONE OF 2 SATELLITES OPERATING OVER ATLANTIC

--1969--

S 29, A-8-8

JAKARTA-NEW TELECOMMUNICATIONS SYSTEM WENT INTO OPERATION
VIA SATELLITE LINKING INDONESIA WITH BRITAIN, EUROPE AND U.S.

O 15, A-15-5

NEW YORK-CBS PROPOSES SATELLITE SYSTEM TO DISTRIBUTE TELEVISION PROGRAMS-

-----1970-----JA 11, A-11-2

DELTA MISSILE ROCKET FAILS AT LAUNCH PAD AT CAPE KENNEDY.

JA 27, A-14-1

COMPETITION AS A REGULATOR- EIDT.

JUL 3, B-7-3

SPACE AGENCY ORDERED NEW ROUND OF CONTRACT BIDDING ON \$50
MILL SATELLITE PROJECT

JL 25, A-2-6

TV & PHONE SATELLITE LOST OVER PACIFIC.

AG 3, A-15-4

WESTERN UNION TELEGRAPH CO ANNOUNCED FILED WITH FCC PROPOSAL TO BUILD DOMESTIC SERVICE ALL 50 STATES

AG 16, D-10-4

NASA PLANS TO ORBIT PAIR OF BULLFROGS AND BRITISH MILT. COMMUNICATIONS SATELLITE IN 2 SEPARATE SHOTS

D25, D-15-4

HUGHES AIRCRAFT CO. ASKED FCC FOR AUTHORIZATION TO ESTABLISH DOMESTIC COMMUNICATIONS SATELLITE SYSTEM

O 10, B-11-2

--1971--

COMSAT GOT BREAK ON LAUNCH COSTS U.S. CHARGE

SATELLITES: COMMUNICATION

1971

~~N 3, A-18-1~~

BIG MILITARY COMM SATELLITES MAY LINK NIXON DURING TRIP TO CHINA IN ORBIT BUT NOT FUNCTIONING CORRECTLY--PIPP

D20, A-7-1 RACE

COMSAT SATELLITE IN ORBIT.

---1972---

C-6 1 RACE

SALE OF \$2,9 MILLION SATELLITE COMMUNICATIONS STATION OF RCA TO CHINA NAGGED BY JAPAN.

Mr 7, C-4-2 F IN

EUROPE PLANS TO DEVELOP OWN ATLANTIC SATELLITES

Mr 9, A-18-1

CACHAGUA, CALIF---EARTH STATION JAMESBURG LOCATED HERE IS PART OF ABOVE PROJECT IN WHICH 83 NATIONS ARE INVOLVED--DYE

JE 4, E-10-1

WESTERN UNION TIES FUTURE TO USE OF SATELLITE FOR TELEGRAMS SENT TO AMER -COURTENAY

JE 11, A-24-1

CAPE KENNEDY---NEW SATELLITE TO COMPLETE COMSAT'S COMMUNICATIONS LINK--ROSSITER JR.

-1972- 0 13, A-7-1

USSR PROPOSES GLOBAL BAN ON UNRESTRICTED USE OF SPACE
SATELLITES FOR DIRECT TV BROADCASTING. 0 17, B-6-1

A NEW FORM OF IRON CURTAIN.-EDIT N 8, A-23-2

ELECTION COVERAGE OF US BEAMED TO EUROPE, PARTS OF LATIN
AMERICA AND PACIFIC COUNTRIES BY ABOVE.

-1973- JAN 5, A-5-1

WESTERN UNION WON GOVT GO AHEAD TO BUILD EARTH SATELLITES TO
TO HANDLE SERVICES (TELEGRAPH, TELEX, AND PRIVATE LINE SER-
VICES.) D 6, A-8-1 RACE

2 MILITARY COMSATS WILL HEAD FOR REMOTE SPACE TO GIVE DEFEN
SE FORCES OF US ADVANCE WORLDWIDE SECRET COMMUNICATIONS
NETWORK. D 8, A-2-1

MOSCOW--SATELLITE TAKING OVER HOT LINE LINKING WHITE HOUSE
AND KREMLIN.

---1974--- F28, F-3-5

SATELLITES TO BE USED BY US MILITARY- NOW BATTLES

MAY BE TELEVISED TO COMMANDERS. AP14, B-7-1 2Dot

WESTERN UNION LAUNCHES WESTAR COMMUNICATIONS SATELLITE/

1974

~~SATELLITES : COMMUNICATION~~

- EDUCATION SATELLITE, APPLICATIONS TECHNOLOGY SATELLITE 6
(ATS-6) SET TO GO MY 230.PIPP MY 26, B-8-1
WESTAR 2 LAUNCHED ABOARD DELTA ROCKET 010& WILL BE ORBITING 0 11, F-7-4
SWITCHBOARD --1975-- JA 3, B-1-6 D
INDONESIA&NASA SIGN DEAL FOR LAUNCHING OF SATELLITE TO LINK
INDONESIA'S ISLANDS MY 21, B-13-5
CAPR CANV-ROCKET MALFUNCTIONS IN SPACE WIPES OUT \$57MILLION
PROJECT MY 30, B-2-3 N
2 STRAY SATELLITES BURN UP ON REENTRY S26, A14-1RACE
INELSAT 4A SATELLITE LAUNCHED.
-1976- MR 25, D-14-1
DETROIT NOW PLUGGED INTO WESTAR'S SATELLITE SYSTEM-KAUFMAN
AP23, A-2-1STATE
NATO LINK LAUNCHED -DELTA ROCKET FR.CAPE CANAVERAL
AP 30, A-14-2
COMSTAR LAUNCH SET FOR MAY 6

4976-

JL 19, A-3-3 1DOT

COMSAT GENERAL CORP WILL LAUNCH 2ND COMSTAR FOR USE BY
AT&T IN ALL 50 STATES

JL 22, F-1-1

CAPR CANAVERAL-2ND COMSTAR READY TO BLAST OFF

---1977---JA 25, A-2-2

CAPE CANAVERAL 2ND NATO SATELLITE LAUNCHING SLATED.

JA 28, E-1-1

DC-EXPERTS SAY SATELLITES MAY PUT REAL ZIP INTO POSTAL
SYSTEM

F6, ROTO 30

DISCUSSION OF FORD AEROSPACE AND COMMUNICATIONS CORP.

BUILDING COMMUNICATION SATELLITES. TRELOAR.

F 27, B-6-1

LONDON ONTARIO-ESKIMO'S PAINFUL EYE AFFLICTION EXAMINED BY
DOCTOR^N IN HAWAII WITH AID OF SATELLITE-KENYON

MY 13, A-4-2

CAPE CANAVERAL-AIR FORCE FIRES PAIR OF "TRIPLE-7" MILITARY
COMMUNICATIONS SATELLITES INTO ORBIT OVER ATLANTIC &
PACIFIC

SATELLITES - COMMUNICATIONS

1979

- CAPE CANAVERAL-RCA SATCOM III DOMESTIC COMMUNICATIONS SATELLITE LAUNCHED DEC 6 -1984- D 7, A-7-2 S 1, A-2-3
- CC-SHUTTLE DISCOVERY LAUNCHED MILITARY COMMUNICATIONS SATELLITE, SYNCOM 4. -1985- Je 27, E-1-2
- Global telecommunications have changed. 83 civilian satellites beam transmissions above Earth. Their signals carry news entertainment & conversations-McCann Ag 10, B-1-2
- Livonia firm, Microfilm Specialties Inc designs satellite-Olson S 10, D-8-1
- CC-Satellite having problems. S 29, A-14-13dot
- CC-13story international communications satellite launched O 5, B-7-1
- Houston-pair of jamproof satellites in orbit O 29, A-6-6
- LA-\$85million Syncom3 fixed, put into higher orbit

-1986-

D 6, A 6-2

CC-\$125million military satellite launched

-1987-

Jl 7 A-3-1

East Montpelier, Vt-Communications satellites beamed world into modern Age.

-1988-

Ag 22 A 1-1

Soviet rocket flames light up state skies

-1990-

Je 14 A 1-1. 2Dot

Communication satellite orbiting uselessly since its launch in Mar, will be rescued in Feb 1992 by space shuttle

Je 24 A 3-1

A Titan 3 rocket launched from Cape Canaveral Fla, Boosted an uninsured \$150 million communications satellite into orbit Sat.

1998

My 20 A 1-6

L.A. Galaxy 4 satellite's control system failed; silencing beepers throughout U.S.;also TV stations lost feeds

My 21 A 1-2

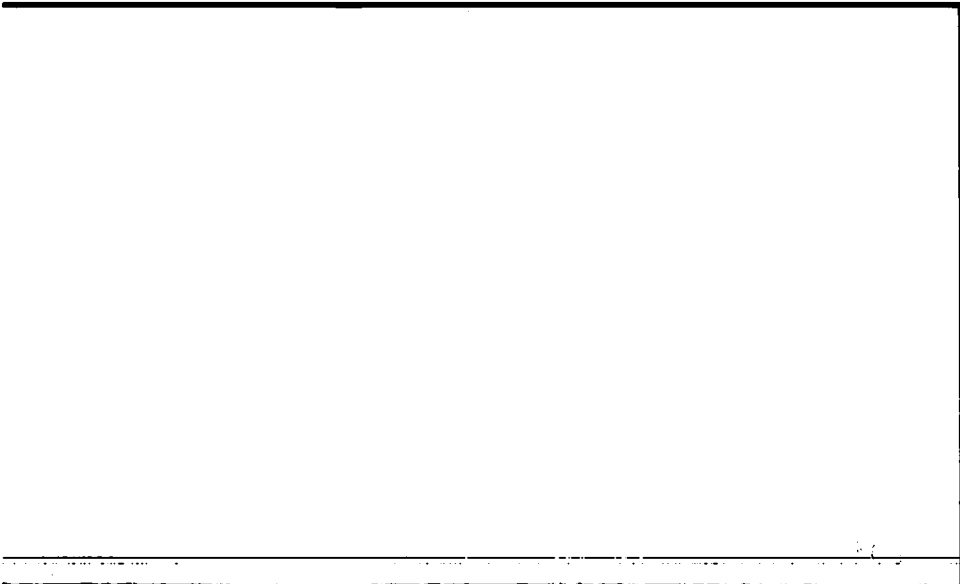
How
/Galaxy 4's glitch affected Michigan pagers ,TV signals
-Henning

SATELLITES: COMPOSITE ONE

1962

JA 24, A-1-1

CAPE CANAVEL-ATTEMPT TO PUT ABOVE INTO ORBIT WITH ONE POCKET FAILS

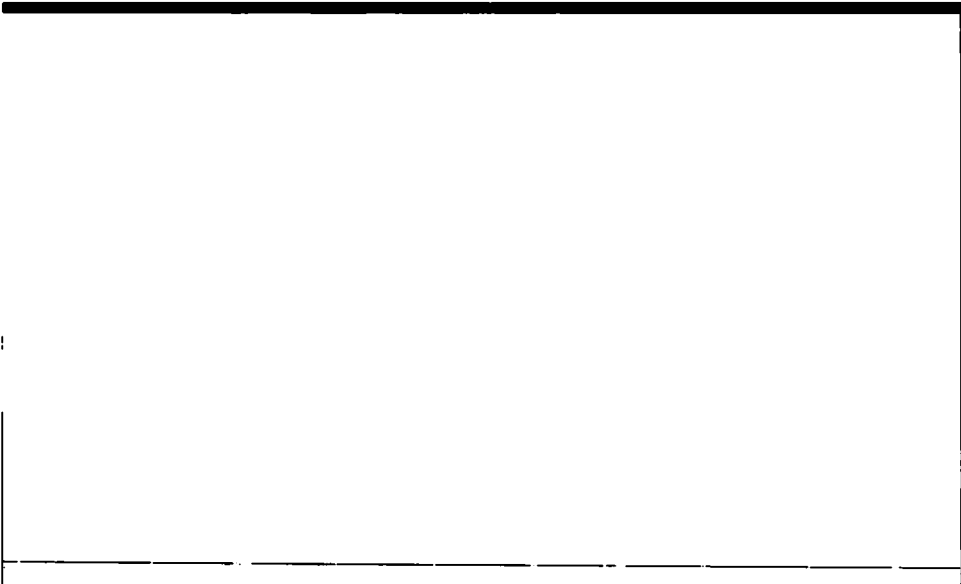


SATELLITES - COMPUTERS

1966

PREDICT "LIBRARY IN SKY" IN 20 YRS

D 11, F-1-1

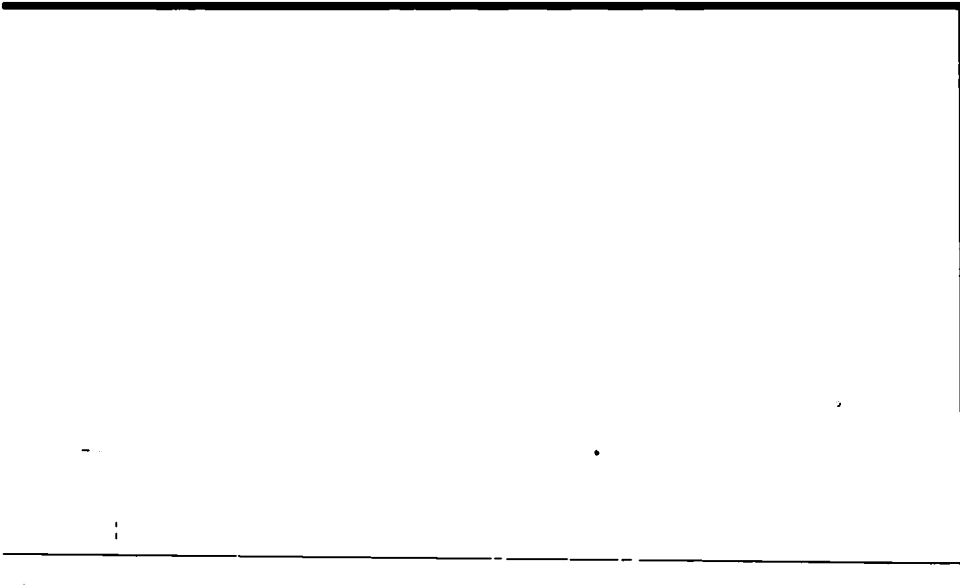


1972

SATELLITES : COPERNICUS

Ag 21, A-3-1

CAPE KENNEDY—LAUNCHED SMOOTHLY TODAY; THE HEAVIEST AND MOST COMPLICATED DEVICE TO PROBE UNIVERSE. Ag 22, A-20-1
32 INCH TELESCOPE SNAPS TOGETHER IN SPACE ON COMMAND FROM EARTH; FRIDAY DECISION TO GIVE COMMAND WILL BE MADE.



SATELLITES: COSMOS ~~368~~

1970

COSMOS 368 0 8,C-12-1
MOSCOW--LAUNCHED WITH EXPERIMENTAL LIFE SUSTAINING SYSTEMS
FOR BENEFIT OF VISITING FRENCH PRES GEORGES POMPIDOU
--1974-- AG 13, A-5-7 RACE
UNMANNED NO.672 LAUNCHED AG12 -1983- JA 16, A-5-1
MOSCOW--URANIUM CORE OF COSMOS 1402 TO ENTER EARTH'S ATMOSPHERE IN FEB.

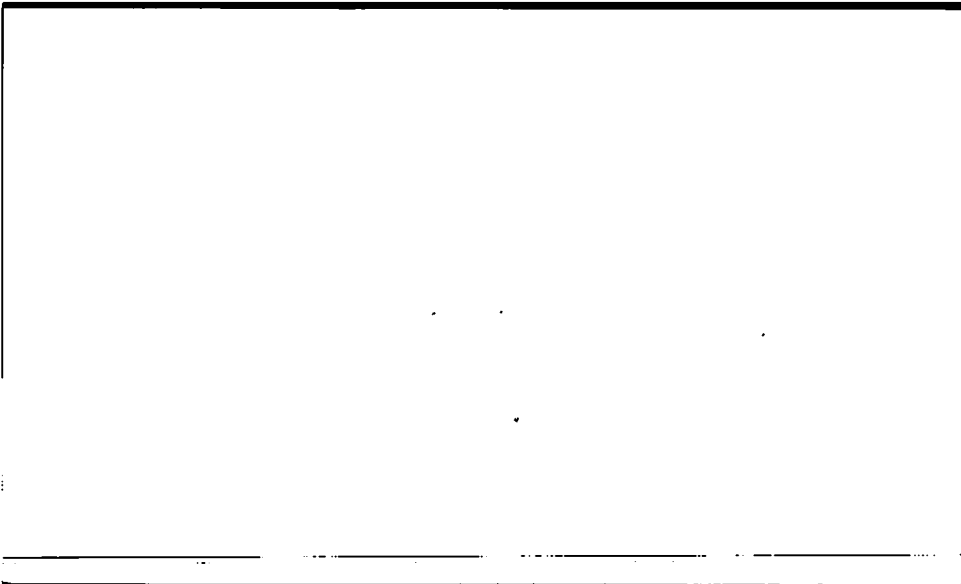
CAPE CANAVERAL, FLA.-DELAY FIRING OF ABOVE
COURIER 1, SATELLITE IN ORBIT-LAUNCHED 0 4-BALL
COURIER 1 ACCEPTS 68,000 WORDS A MIN.-BALL
ABOVE CONTROLLED BY ELECTRONIC APRON STRINGS
VOICE OF AMER. TRANSMITTED MESSAGE VIA ABOVE
SENDS 30 MILLIONTH WORD

USED TO RELAY MESSAGES AT NATOL. AUTO. SHOW ON DEFENSE DAY

TECHNICAL DIFFICULTIES HAVE CUT OFF TRANSMISSION OF MESSAGES FROM COURIER COMMUNICATIONS SATELLITE SINCE 0 22ND

AG 17, 9-8-3
0 4, A-1-3 LF
0 5, B-10-1
0 6, 8-4-1 MET 2
0 7, A-10-6
0 9, A-13-6
0 21, B-15-1

N 5, A-2-8 FIN 3



1960

SATELLITES - DEFENSE

N 24, F-18-1

AIR FORCE SEEKS ANTI-SATELLITE SATELLITE -S AINI-PIPP

---1964---

MY 24, A-13-1

LA-US WORKING ON NON-NUCLEAR SATELLITE TO DESTROY HOSTILE SATELLITES

--1970--

AG 20, B-3-7 RACE

**DR. CHARLES S. SHELDON¹¹ SAID RUSSIANS HAVE WEAPON TO
BLOW UP OTHER COUNTRIES SATELLITES**

-1982-

JL 8, A-14-1

**REAGAN RIGHT IN PUTTING NATL SECURITY FIRST IN SPACE WORK-
EDIT**

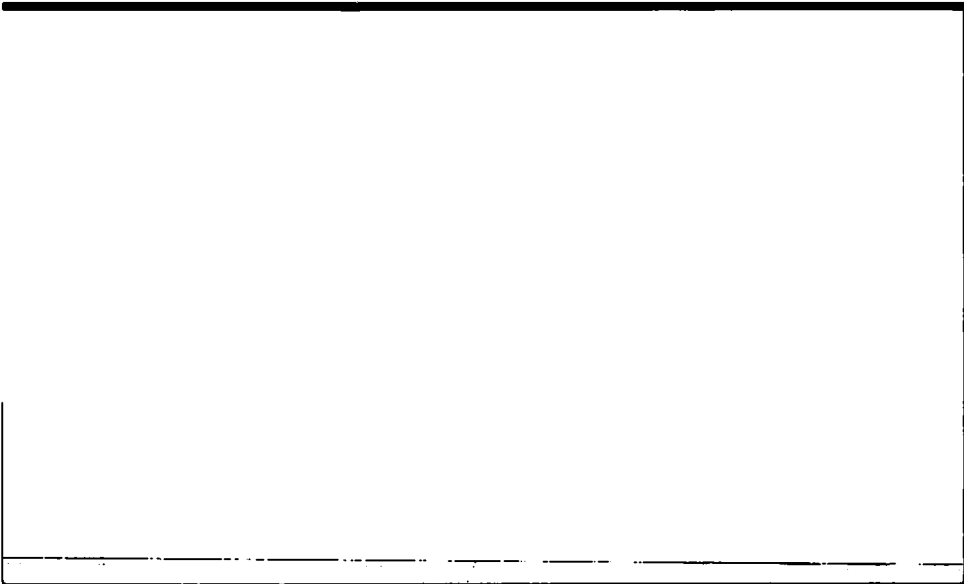
SATELLITES - DETROIT

1955

OUT OF THIS WORLD-EDIT

AG 23, 32-1

-----1957----- N 11, 15-3
REPLICA OF U.S. SATELLITE TO BE DISPLAYED AT NORTHLAND SHOPPING CENTER
D 10, 1-5
SPUTNIK II SPOTTED TODAY BY DET. AREA OBSERVERS



DEF. DEPT. TO LAUNCH SERIES OF ABOVE WITH MICE & MONKEY ON BOARD IN EFF
 OPT TO LEARN HOW TO PUT MAN IN ORBIT & GET HIM BACK
 WEST COAST BASES TO LAUNCH DISCOVERER SATELLITES SOON

D 3, 1-6 LF

D 21, 9-16-2

PIPP

---1959---

F 28, 13-4 MAIL

MR 1, A-1-2

VANDENBERG AIR FORCE BASE, CALIF. - PLAN TO FIRE ABOVE
 AIR FORCE TODAY LAUNCHES ABOVE

MR 2, 27-4

INGLEWOOD, CALIF. - REPORTED CIRCLING EARTH EVERY 96 MINUTES IN A POLAR
 ORBIT

MR 3, 10-1

INGLEWOOD, CALIF. - HEAR BEEPS LEFT HOPE FOR ABOVE

MR 5, 6-4 5*

INGLEWOOD, CALIF. - BECOMES FIRST POLAR ORBITING SATELLITE

MR 5, 44-6 1H

MR 6, 1-7

WHEREABOUTS OF I STILL MYSTERY

MILWAUKEE - HINT RECOVERY TEST WITH I

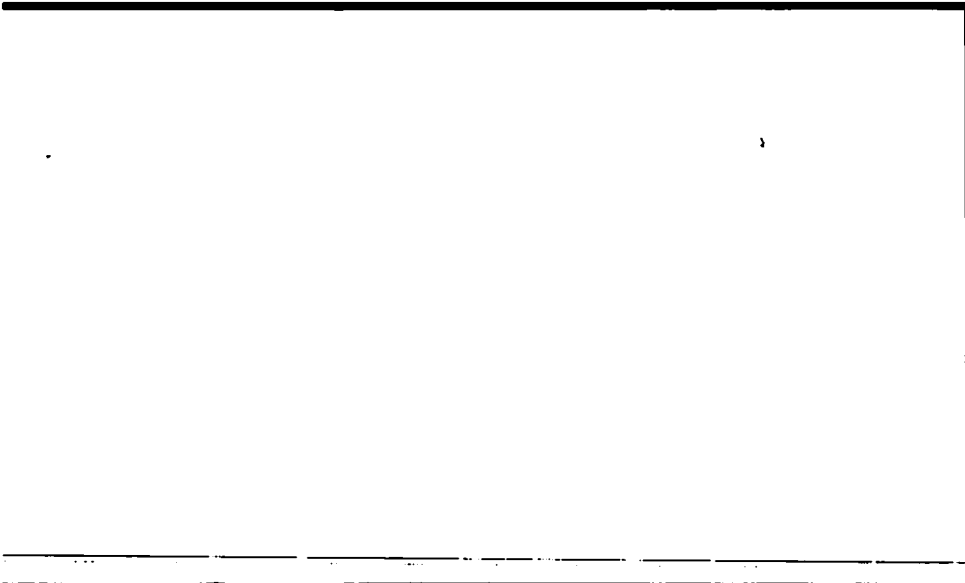
AP 12, 8-11-2

U.S. TO FIRE ABOVE NEXT WEEK

---1963---

MY 19, A-1-1

VANDERBERG AFB, CALIF. - SECRET SATELLITE, BELIEVE TO BE ABOVE ON SPACE
 EXPLORATION MISSION, WAS FIRED TOWARD POLAR ORBIT FROM PACIFIC MISSILE
 RANGE BASE



AF TO TRY TO SNATCH FR AIR CAPSULE FROM NOSE CONE ABOVE-	AP 14, 1-3
ABOVE NOT VISIBLE OVER US	AP 14, 17-4
AF GIVES UP PLANS TO CAPTURE CAPSULE ABOVE-	AP 14, 17-1 LF
CONTROL DEVICE FOR ABOVE BUILT IN SOUTHFIELD, MICH.	AP 15, 53-1
CAPSULE MAY HAVE FLOATED BACK TO EARTH, BUT IN PACIFIC	AP 15, 53-1
HUNT ON IN ARCTIC FOR ABOVE'S CONE	AP 17, 11-4
BODOE AIR BASE, NORWAY-SEARCH FOR CAPSULE FR. ABOVE	AP 18, 7-8
LOS ANGELES-PREDICTION ABOVE WILL BURN UP IN ATMOSPHERE TODAY OR TOMORROW	AP 20, 25-2
EXPECTED TO SPIRAL DOWN TO DEATH AP 25TH	AP 22, 48-8
OSLO, NORWAY-U.S. AIR FORCE HAS GIVEN UP EFFORTS TO FIND CAPSULE EJECTED FROM ABOVE	AP 23, 17-1
DEF. DEPT. SAYS ABOVE IS EXPECTED TO BURN UP IN EARTH'S ATMOSPHERE	AP 26, A-1-6 2*
AP 27TH	AP 27, 33-7
DURBAN, -FLAMING OBJECT CRASHED TO EARTH	

VANDENBERG A.F.B., CALIF. 4 BLACK MICE TO SAIL INTO SPACE NEXT MONTH IN AN AMER. ATTEMPT TO PROVE THAT A LIVING CREATURE CAN LEAVE EARTH & RETURN

MY 1, 1-4

MY 24, A-1-4 2*

VANDENBERG A.F. BASE, CALIF. - LAUNCHING POSTPONED AGAIN

MY 27, 33-1

VANDENBERG, A.F. BASE, CALIF. - TECHNICAL DIFFICULTIES FORCE DELAY OF FIRING OF ABOVE

JE 3, 1-8 LF

VANDENBERG A.F. BASE, CALIF. - TAKES OFF WITH 4 "MOON MICE" TOWARD SPACE

JE 4, 1-7

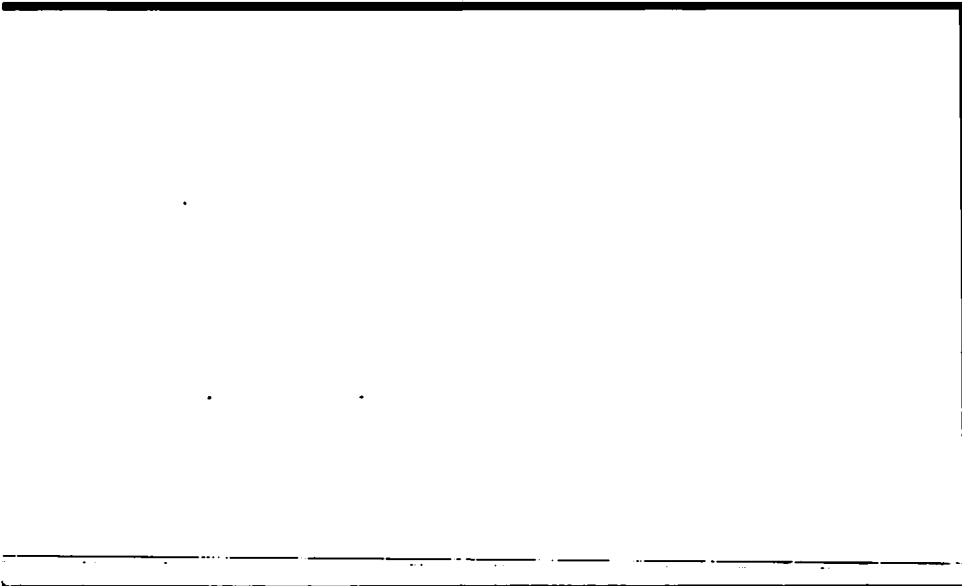
VANDENBERG A.F. BASE, CALIF. - FATE OF "MOON MICE" HIDDEN BY SILENCE

JE 5, 20-1

VANDENBERG A.F. BASE, CALIF. - AIR FORCE BAFFLED BY FIZZLE OF ABOVE WITH 4 MICE ON IT

JE 18, 57-4

MICE GOT EXCITED



SATELLITES - DISCOVERER IV

1959

SHOT DELAYED

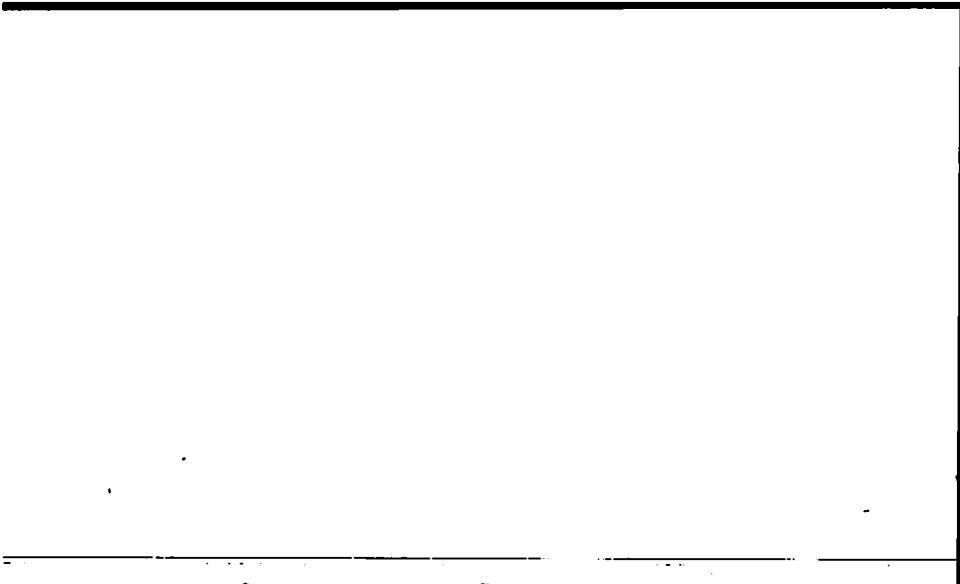
JE 24, 1-6 1H

VANDENBERG A.F. BASE, CALIF. - AIR FORCE CHECKS INTO FAILURE

JE 26, 3-8

INGLEWOOD, CALIF. - ROCKET FIRED JF 25TH THAT FAILED IS BLAMED FOR ITS
NOT HAVING ENOUGH SPEED

JE 30, 13-6



SATELLITES - DISCOVERER V

1959

VANDENBERG A.F. BASE, CALIF. - FIRING POSTPONED

JL 29, 1-8 LF

VANDENBERG, A.F. BASE, CALIF. - 8 C-119 FLYING BOXCARS SEEK TO CATCH ABOVE
CONF

AG 14, 1-F

AG 15, 1-2

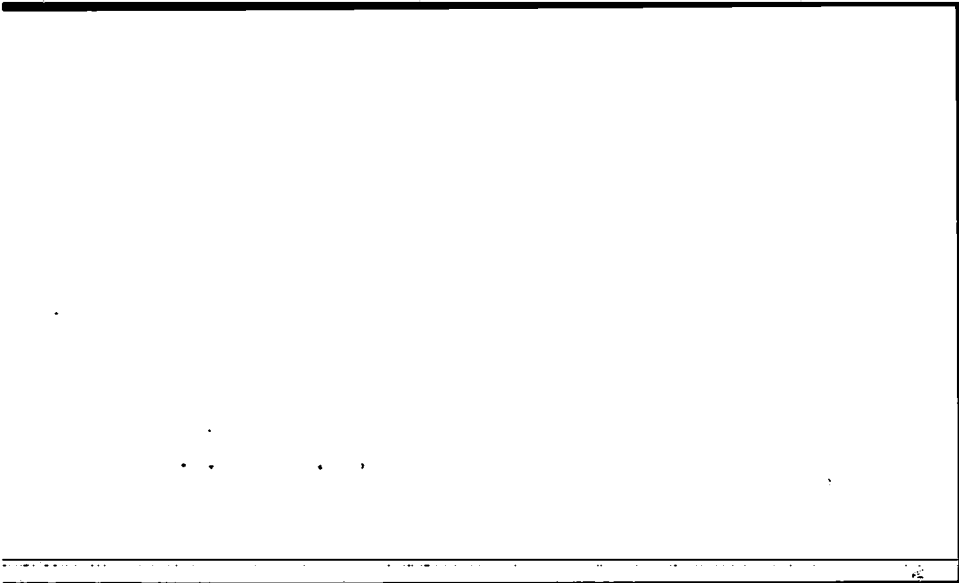
HONOLULU - PLANE'S MISS CATCHING NOSE CONF

AG 16, A-17 -1

U.S. ENDING PACIFIC HUNT OR CAPSULE

S 28, A-3-5

WASH - EXPECTED TO DROP & BURN UP BY S 30TH



MONKEYS TO RIDE ABOVE
 JF 20, 7-1
 CAPE CANAVERAL-ARMY JUNIO II ROCKET TO CARRY ABOVE INTO SPACE EXPLOD-
 J 16, 43-2 5*
 ED ON LAUNCHING PAD
 J 17, 37-6
 FAILURE OF ABOVE COULD MEAN ABANDONMENT OF COMPLEX GROUP OF SPACE EXP-
 ERIMENTS
 AG 7, 1-1
 THOR ABLE ROCKET CARRYING A 142 PD. "PADDLE WHEEL" ROARS ALOFT TODAY
 AG 7, 1-6 5*
 IS IN ORBIT & WILL REMAIN ALOFT FOR MORE THAN A YEAR
 AG 8, 5-3
 PICTURE & MAP OF FLIGHT OF ABOVE
 AG 8, 5-3
 SCIENTISTS PLEASED WITH PERFORMANCE OF ABOVE
 AG 9, A-12-2
 MAY BE USED IN NOVEL LONG RANGE TEST OF TECHNIQUE FOR BRINGING FIRST
 AG 10, 12-8
 HUMAN SPACE TRAVELER BACK SAFELY
 AG 14, 5-1
 IS CUTTING AWIDER THAN EXPECTED PATH THRU SPACE
 FORMER DETROITER DON KACHMAN AMONG KEY SCIENTISTS & ENGINEERS WHO CON-
 TRIBUTED TO DEVELOPMENT OF ABOVE
 AG 17, 21-5
 U OF M STUDIES DATA GATHERED BY ABOVE
 AG 19, 1-3 LF
 US FIRES "ROUND-TRIP" ABOVE FOR SECOND TIME
 AG 20, 29-1
 FLIERS TO ATTEMPT TO CATCH CAPSULE OF ABOVE ROCKET
 AG 21, 11-3
 EJECTS SPACE CAPSULE; PLANES FAIL IN HUNT FOR IT

-----1959----- 0 8, A-3-2
TO RACE THRU SKIES DIRECTLY OVER DET. TONIGHT 0 27, A-20-4
PLUNGED FROM ORBIT

SATELLITES - DISCOVERER VII

1959

VANDENBERG AF BASE-FIRING POSTPONED DUE TO WEATHER

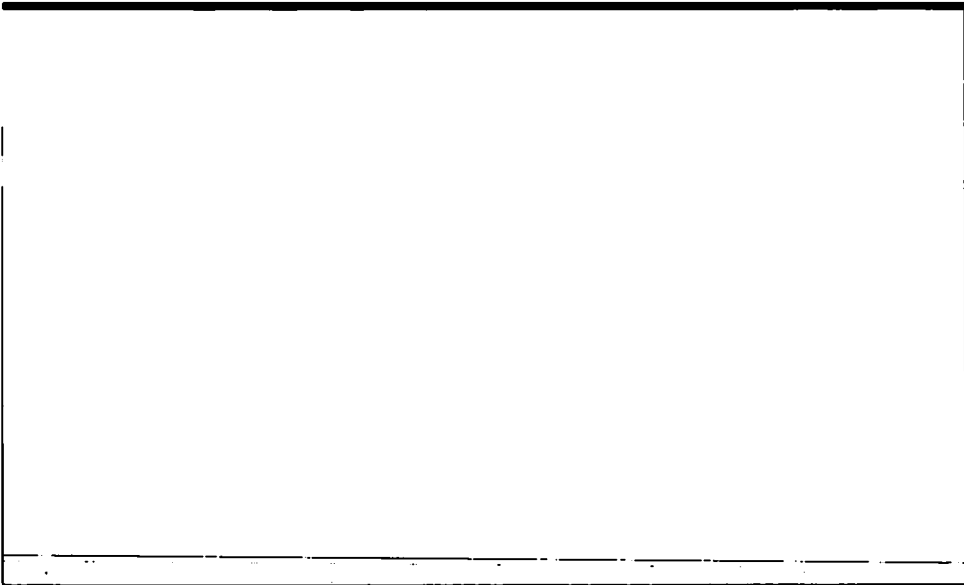
N 4, B-8-2

VANDENBERG AF BASE-ANOTHER DISCOVERER SATELLITE ROCKET FIRED

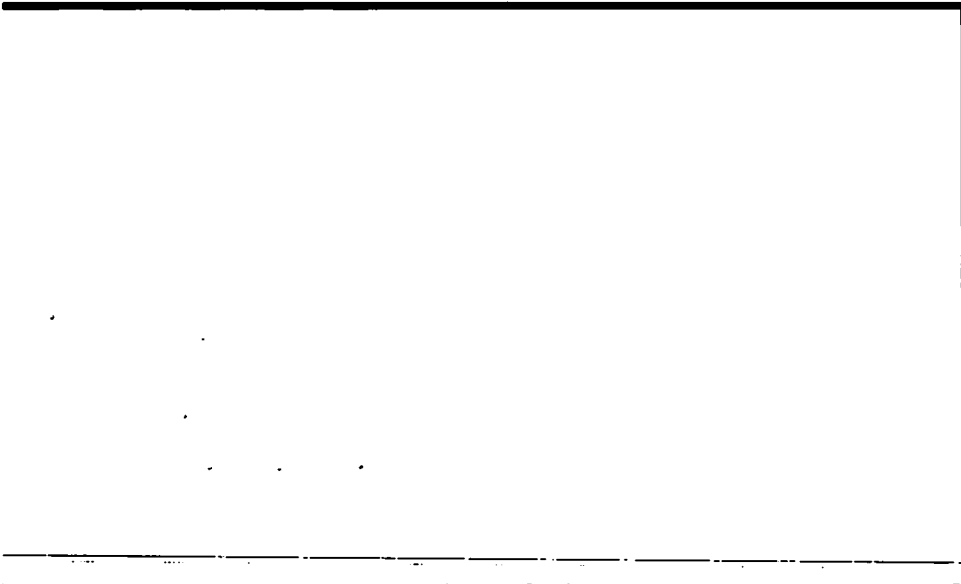
N 8, B-6-4

VANDENBERG AF BASE-MALFUNCTION IN ELECTRICAL SYSTEM BLAMED FOR FAILURE OF ABOVE

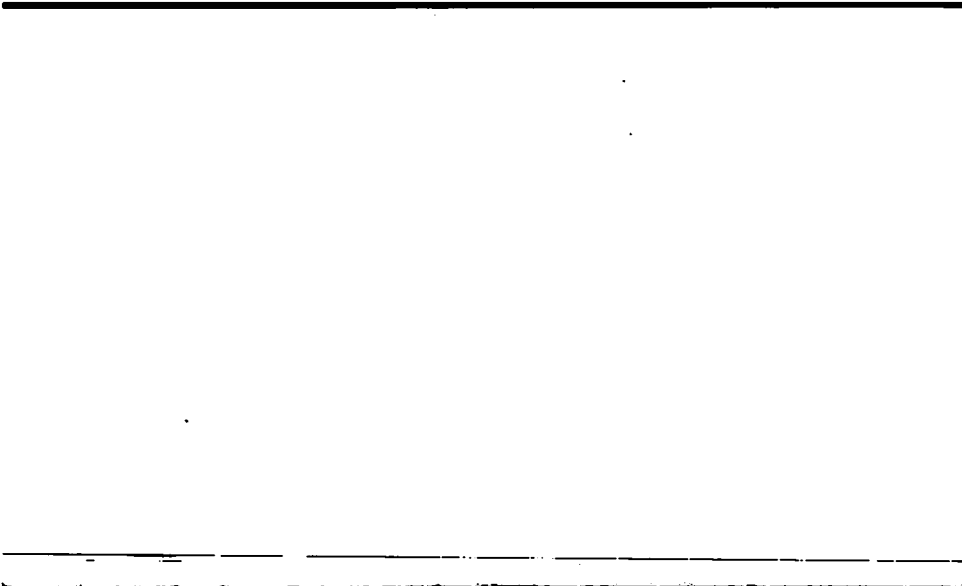
N 9, A-13-1



N 21, A-1-3
VANDENBERG, A.F. BASE, CALIF. - SPACE CONE RECOVERY IS TRIED AGAIN AS ABOVE
IS SHOT
N 22, A-1-4
VANDENBERG, A.F. BASE, CALIF. - AIR FORCE SAYS IT HAS FAILED AGAIN IN ATTEMPT
TO SNATCH FROM AIR A CAPSULE EJECTED FROM A SATELLITE
N 22, A-2-1 2*
VANDENBERG, A.F. B, CALIF. - 9 C-119 FLYING BOXCARS TOOK OFF FROM HICKAM
A.F. IN HAWAII TO TRY AN AERIAL CATCH OF ABOVE'S CAPSULE
N 23, R-6-1
U.S. GIVES UP HUNT FOR SPACE CAPSULE ---1960--- AG 15, A-14-2
MAN OR MACHINE? - EDIT.



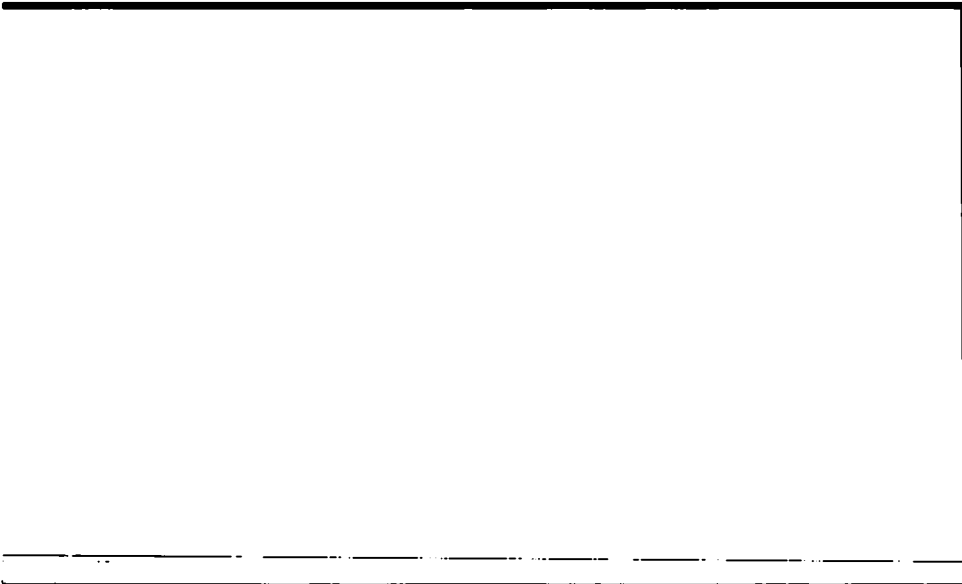
VANDENBERG A.F.B., CALIF.--SCHEDULED ATTEMPT TO LAUNCH SATELLITE ROCKET
ABOVE IS CALLED OFF
VANDENBERG, A.F.B., CALIF.--BLASTS OFF ITS SEASIDE LAUNCH PAD TODAY
F 1, A-1-5
F 4, A-3-8 LF
F 5, A-8-2
FIZZLE OUT OF ABOVE



SATELLITES: DISCOVERED X

1960

VANDENBERG A.F.B., CALIF.-AIR FORCE DELIBERATELY DESTROYS ABOVE AFTER
LAUNCHING BECAUSE IT VEERED FROM ITS COURSE F 19, A-14-2 LF
VANDENBERG, A.F.B., CALIF.-AIR FORCE UNDAUNTED BY FAILURE OF ABOVE F 20, A-3-1



VANDENBERG A.F.R. CALIF.-OFF IN SPACE TEST

AP 15, A-2-1 LF

VANDENBERG A.F.R. CALIF.-AIR FORCE FLYING ROYCARS CIRCLE NEAR HAWAII WILL PLAY TAUT GAME OF CATCH TODAY WITH WHIZZING ABOVE

AP 16, A-1-1

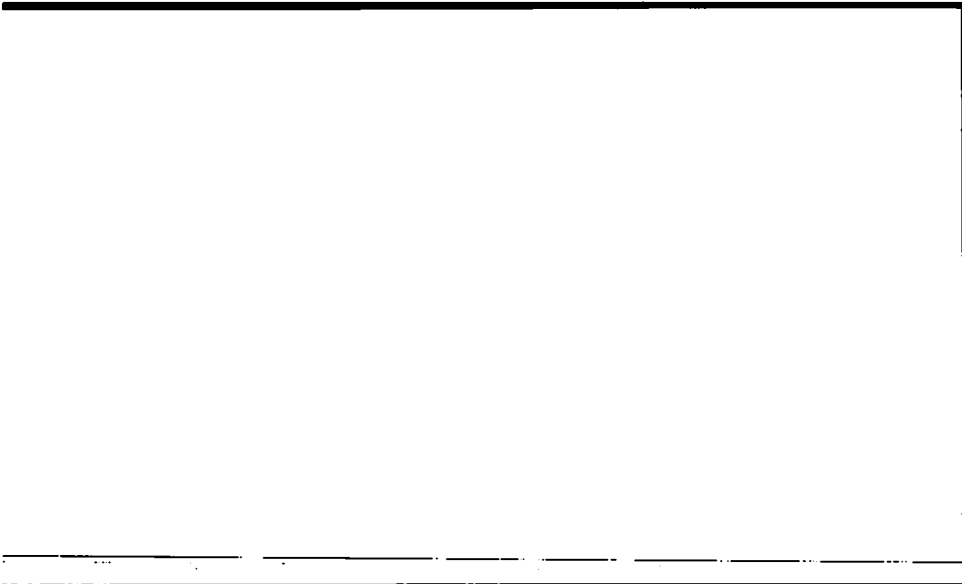
VANDENBERG A.F.R. CALIF.-9 NET TRAILING AIRPLANES WAIT OFF HAWAII TODAY FAIL TO RECOVER DISCOVERER XI CAPSULE FIRED BACK TO EARTH FROM 200 MILES OVER NORTH POLE

AP 17, A-1-5

REFUSES TO RETURN TO EARTH
GONE BEYOND RECALL-EDIT

AP 18, A-10-1

AP 19, A-18-1

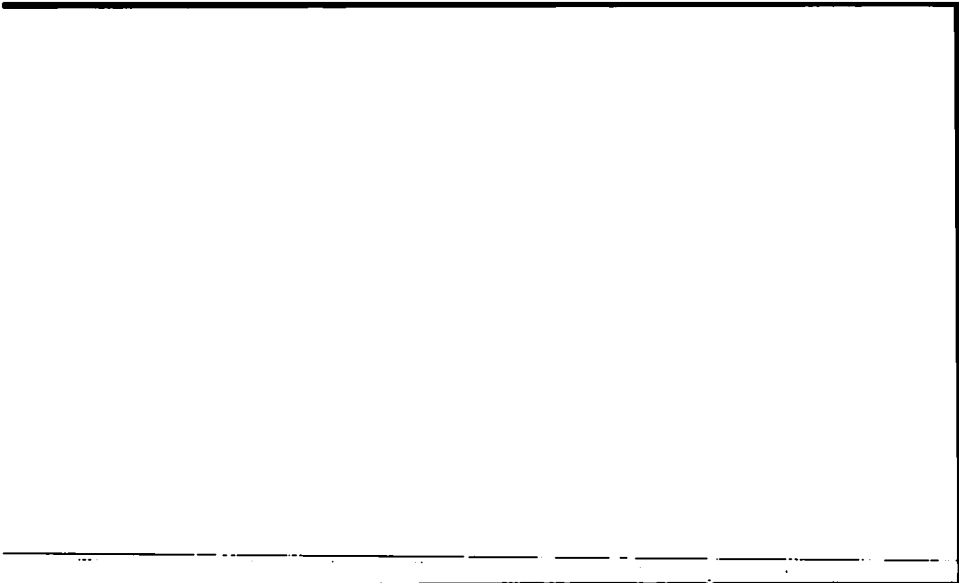


SATELLITES: DISCOVERER XII

1960

VANDENBERG A.F.B., CALIF.-ABOVE TOO SLOW & FAILED TO GO INTO ORBIT

JE 30, A-3-8



SATELLITES - DISCOVERER XIII

1960

VANDENBERG AIR FORCE BASE, CALIF. - FLOTILLA OF SHIPS AND PLANS CIRCLE
PACIFIC OCEAN NR HAWAII HOPING TO RECOVER CAPSULE FROM ABOVE

AG 11, 9-8-4

AIR FORCE JUBILANT OVER RECOVERY OF ABOVE

AG 12, A-1-4

BOATSWAIN S MATE POR'T CARROLL IS FIRST MAN TO RECOVER AN OBJECT FROM
SPACE

AG 13, R-4-1

PRES. IKE TAKES LOOK AT ABOVE

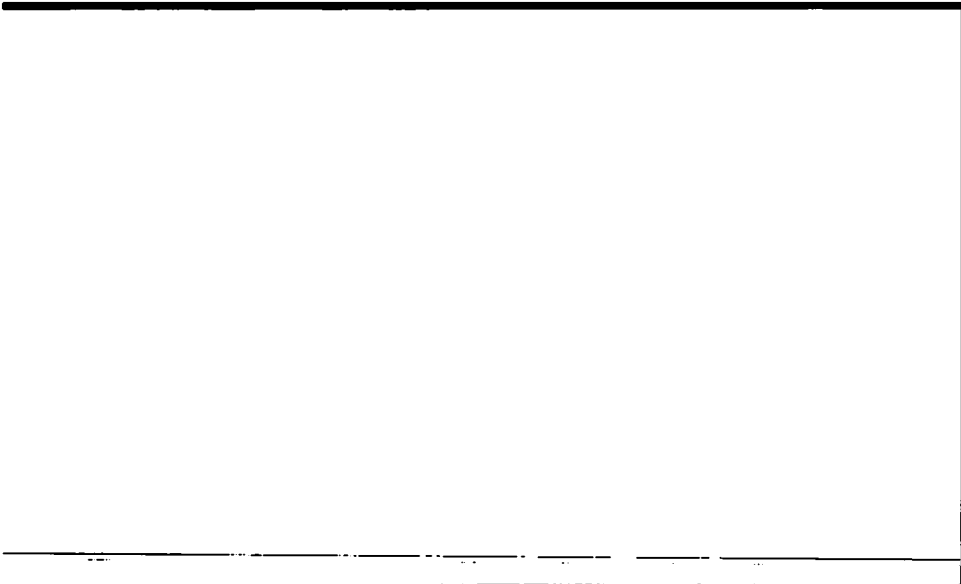
AG 15, A-6-5 FIN 5

MAJ. FRANCIS P. O'HOP, DETROITER, PLAYS PART IN RECOVERY OF ABOVE CAPSULE

AG 24, C-1-1

N 17, A-10-5 FIN 5

BEDFORD, MASS - BURNS UP OVER PACIFIC OCEAN



U.S. TO TRY 2ND SPACE RECOVERY

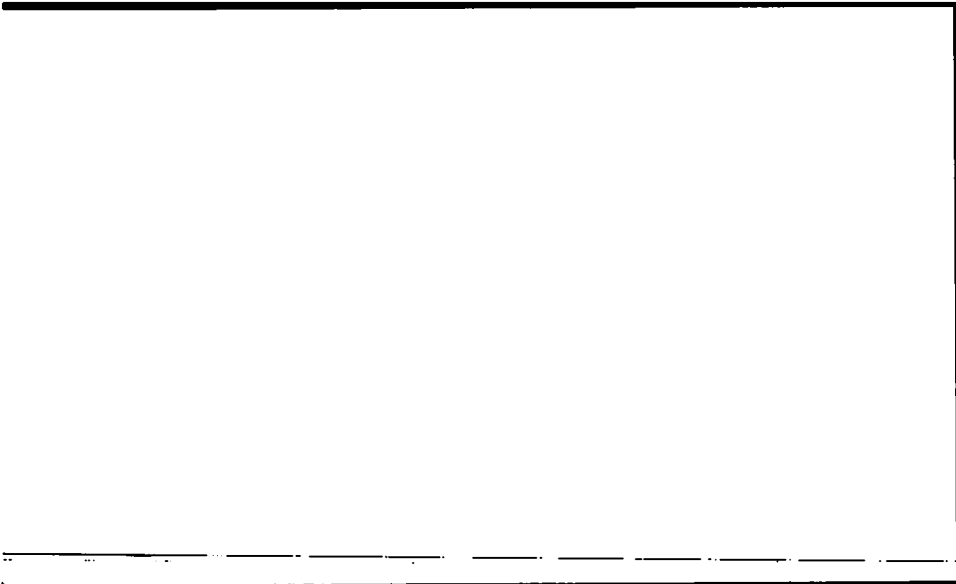
AG 19, A-17-2

AG 20, A-1-7

HONOLULU-C-119 FLYING BOXCAR CATCHES CAPSULE EJECTED FROM ABOVE OVER
ALASKA

AG 21, A-1-1

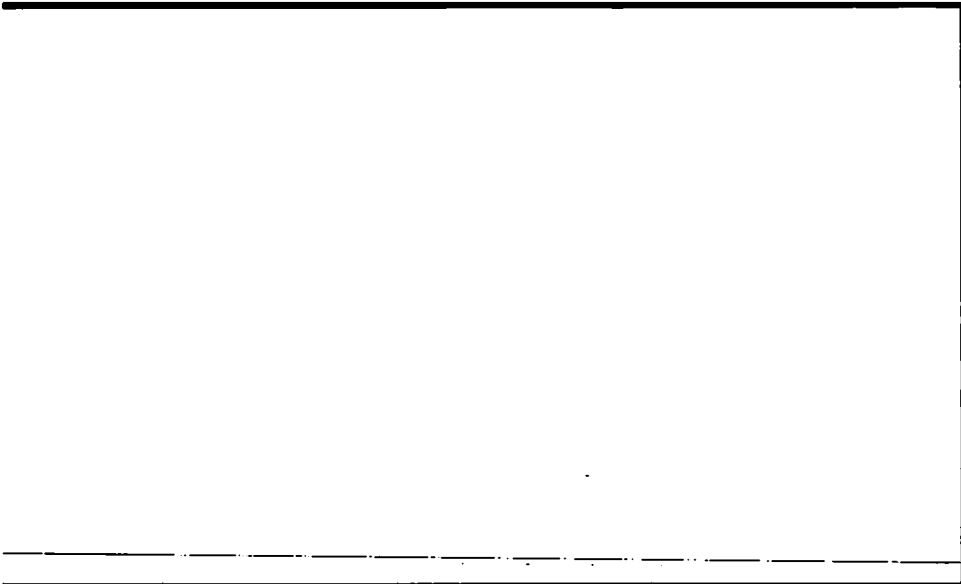
HONOLULU-C-119 FLYING BOXCAR PILOTED BY CAPT. HAROLD MITCHELL CATCHES
300 POUND CAPSULE EJECTED BY ABOVE



SATELLITES - DISCOVERER XV

1960

AF FLIERS PLAN SKY RENDEZVOUS WITH PARACHUTING CAPSULE OF ABOVE
S 14, A-1-2
VANDENBERG A.F.B., CALIF.-AIR FORCE SEARCHPLANE SPOTS ABOVE
S 15, A-5-1
OVE'S SPACE POD LOST AGAIN
S 16, D-11-2
VANDENBERG AFBASE-DROPS SEARCH FOR SPACE CAPSULE
S 17, A-1-7 MAIL



U.S. TO ORBIT MONKEY IN ABOVE WITHIN 2 MONTHS
ATTEMPT TO LAUNCH ABOVE POSTPONED FOR TECHNICAL REASONS

AG 27, A-1-1

O 26, A-8-4

O 26, A-1-5 MAIL

O 27, A-14-2

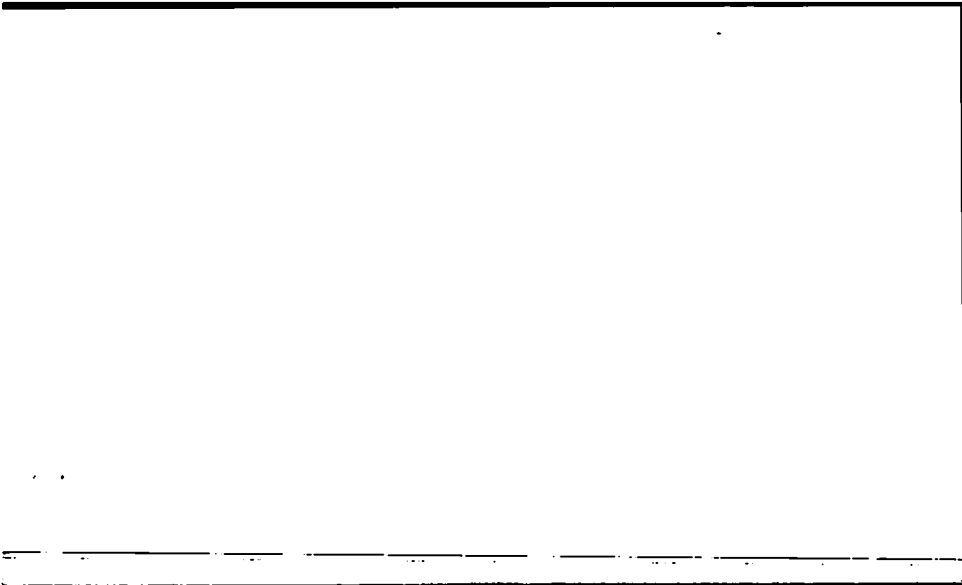
VANDENBERG-NEW ROCKET SHOT

VANDENBERG-FAILS TO ORBIT IN SHOT

---1961---

J 8, A-1-4

VANDENBERG-ABOVE WITH 300 PDS OF GEAR IS WHIRLING ABOUT EARTH EVERY
95 MIN. TODAY



SATELLITES : DISCOVERER XVII

1960

VANDENBERG-LAUNCHING POSTPONED

VANDENBERG-SHOT INTO ORBIT

VANDENBERG-PLANS TO SNAG ABOVE'S CAPSULE

HONOLULU-U.S. PLANE PLUCKES ABOVE CAPSULE FR. SKIES

LOS ANGELES-AIR FORCE DISCLOSED THAT THE CAPSULE RECOVERED N 14TH FROM
BOVE CONTAINED CULTURES OF HUMAN CELLS

BURNS UP

---1961---

A-BULLETS NEW HAZARD FOR SATELLITE-ABOVE FOUND EVIDENCE OF THEM

N 12, A-1-5 FIN 3

N 13, A-1-1

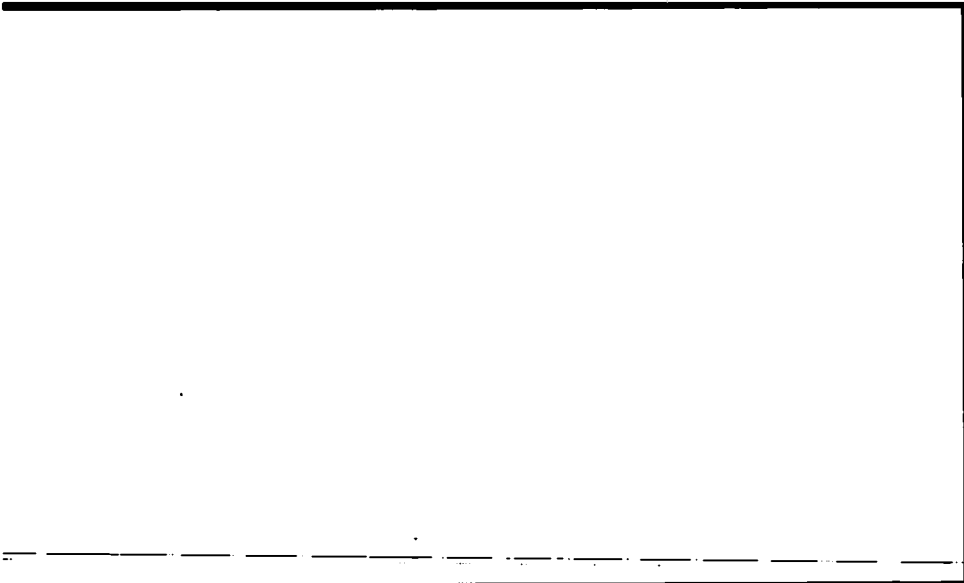
N 14, A-12-5

N 15, A-1-7

N 17, B-4-4

D 31, B-4-7

Ap 27, B-5-1



SATELITES : DISCOVERER XVIII

1960

VANDENBERG AF BASE-SHOT INTO SPACE WITH HUMAN TISSUE ABOARD

ORBITS,CARRYS SECRETSKY SPY GEAR

AIR FORCE CONSIDERS 3-DAY ORBIT

CAUGHT AFTER 3-DAY ORBIT;HAILED AS SUCCESS

D 7, A-3-4 LF

D 8, B-18-1

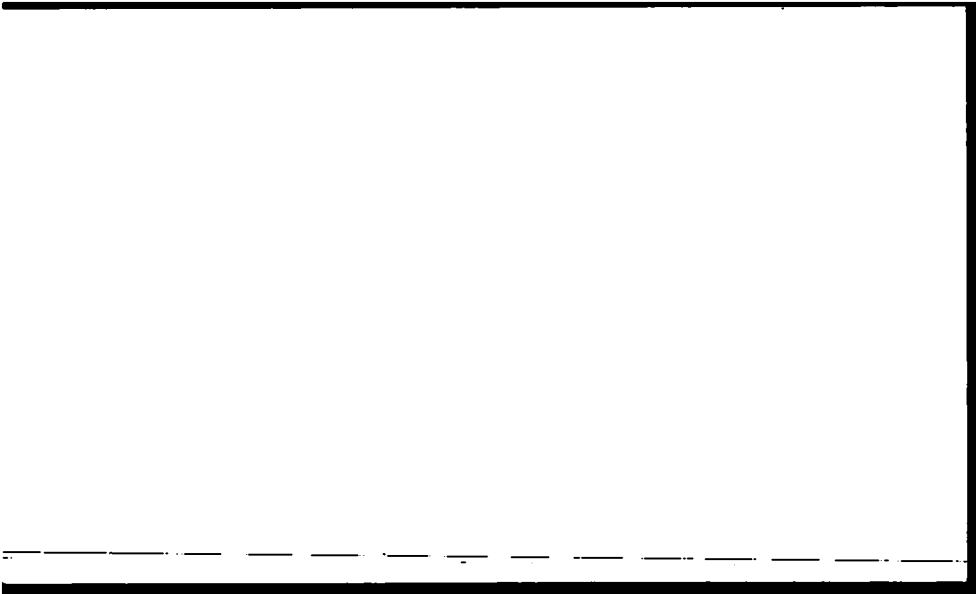
D 9, B-16-6

D 11, A-1-8

SATELLITES : DISCOVERER-XIX

1960

VANDENBERG AFBASE-ABOVE HEAT-DETECTING SATELLITE SHOT D 20, A-1-8 LF
ORBITS TO TESTS EARTH'S TEMPERATURE FOR FUTURE SHOTS D 21, B-4-5
LOST TRANSMITTING POWER D 27, A-1-1 LF
-----1961----- JA 24, A-11-6
BEDFORD, MASS.-BURNS UP ATMOSPHERE AFTER 524 OR 525 CIRCUITS OF EARTH



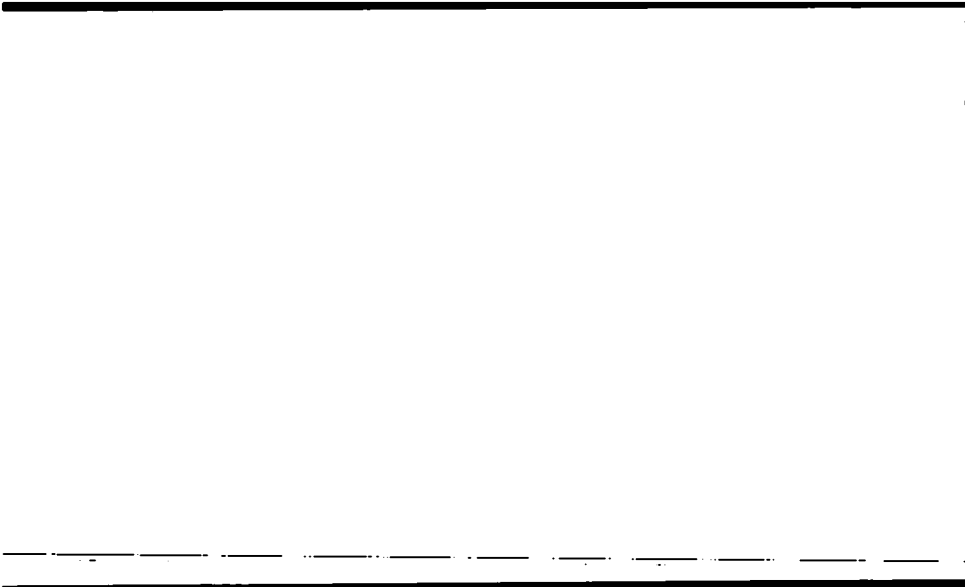
1961

SATELLITES: DISCOVERER XXI

F 19, A-21-6

F20, A-6-8

VANDENBERG BASE, CALIF.-LAUNCHES INTO SPACE
VANDENBERG BASE, CALIF.-EXPERIMENT IN SPACE PROVES ABOVE WILL BE ABLE
TO MANEUVER IN ORBIT



SATELLITES - DISCOVERER XX

1961

THUNDERS SKYWARD TODAY-HOPE TO RECOVER CAPSULE AFTER 4 DAYS
AIR FORCE DOUBLY PLEASED BY ABOVE ⁿHEAVIEST IN SERIES, IN ORBIT
ORBITING FAR WEST OF CALIF.

F 17, A-1-6 LF

F 18, A-1-1

F 19, A-21-6

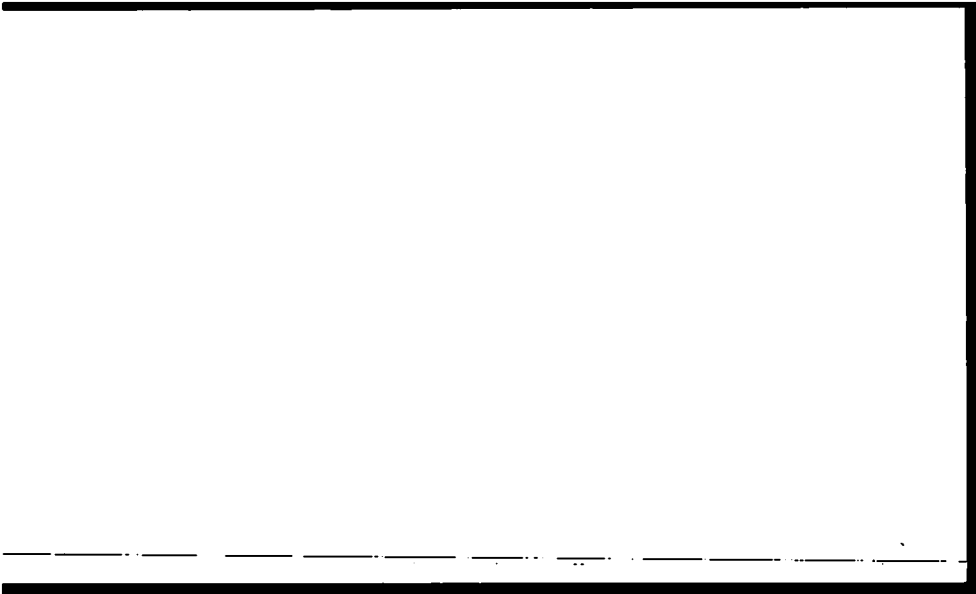


SATELLITES : DISCOVERER XXII

1961

MR 31, B-14-4

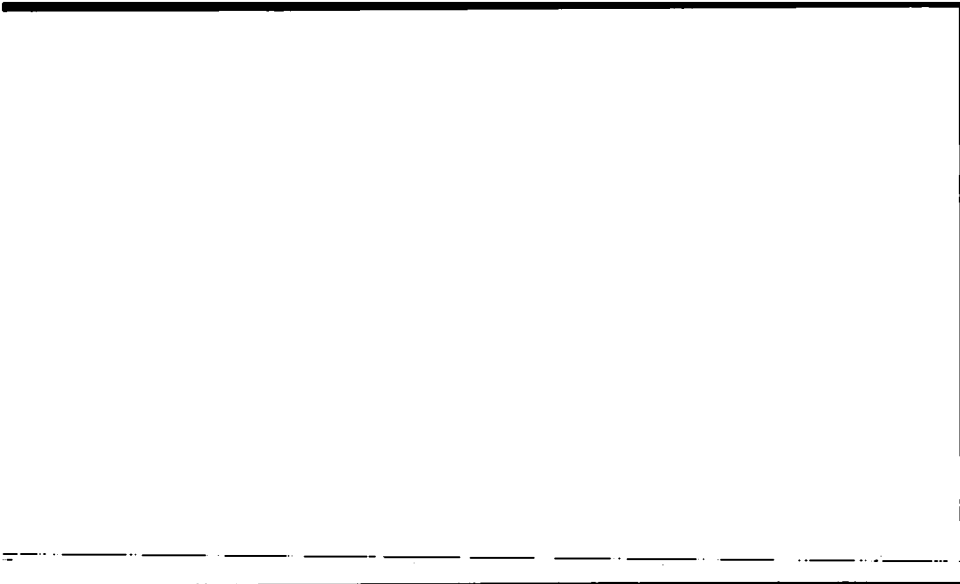
VANDENBER AFBASE-1ST TO TAKE DIRECTION FR.EARTH,FAILS TO ORBIT



SATELLITES : DISCOVERER XXIII

1961

VANDENBERG AF BASE-ROARS INTO ORBIT;HOPE FOR RECOVERY **AP 9, R-10-4**
VANDENBERG AIR FORCE BASE-AWAIT RETURN OF CAPSULE TO RECOVERY AREA ANY **AP 10, A-12-3**
TIME **AP 11, A-3-5**
CIRCLES EARTH IN OWN ORBIT-HOPES FOR IT'S RECOVERY DASHED



SATELLITES : DISCOVERER XXV

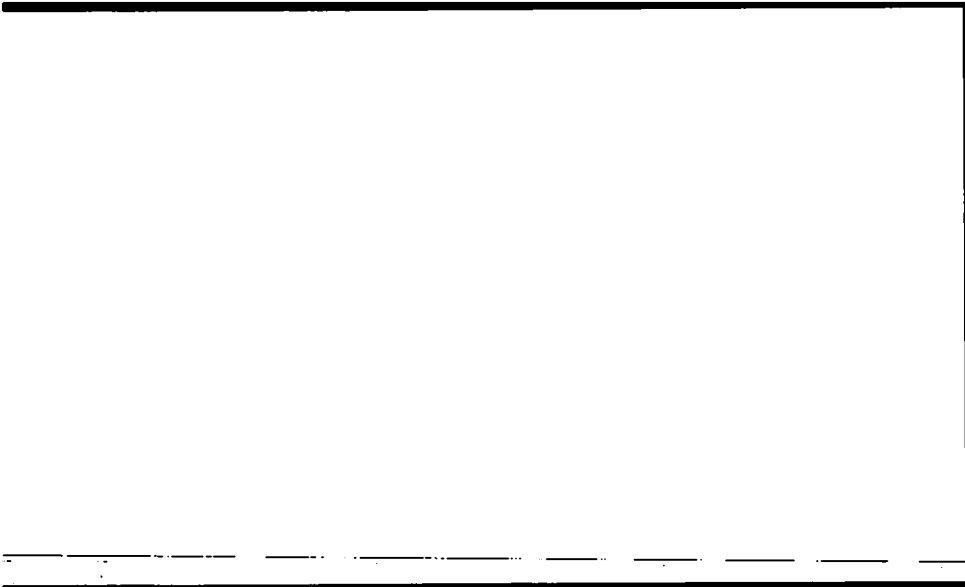
1961

SENT UP JE 16-IN ORBIT

JE 17, A-1-4

JE 19, A-1-4

HONOLULU-SKIN DIVERS RESCUE 300 LB CAPSULE FR. ABOVE

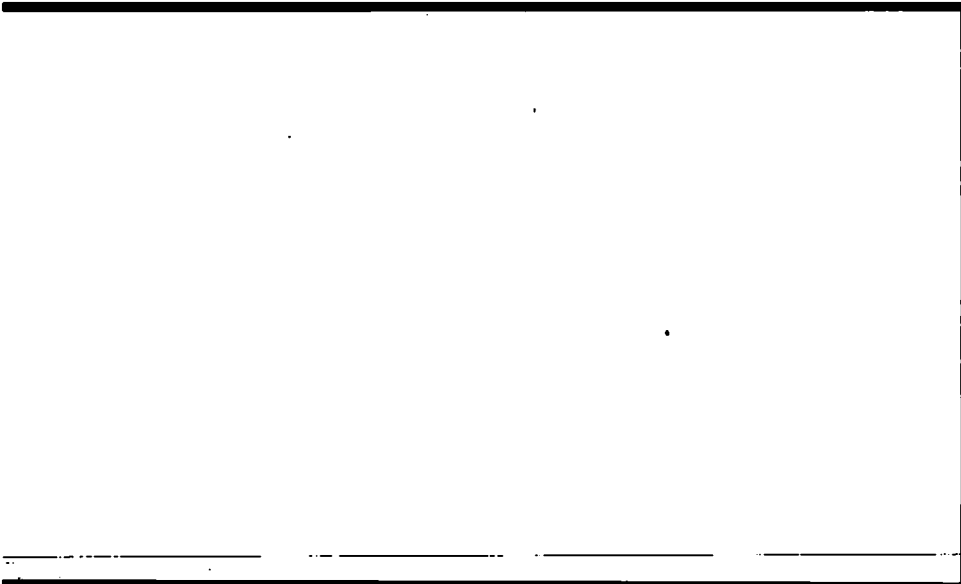


SATELLITES: DISCOVERER XXVI

1961

JL 10, A-1-1

HONOLULU-AIRMEN HOOK NOSE CONE OF ABOVE

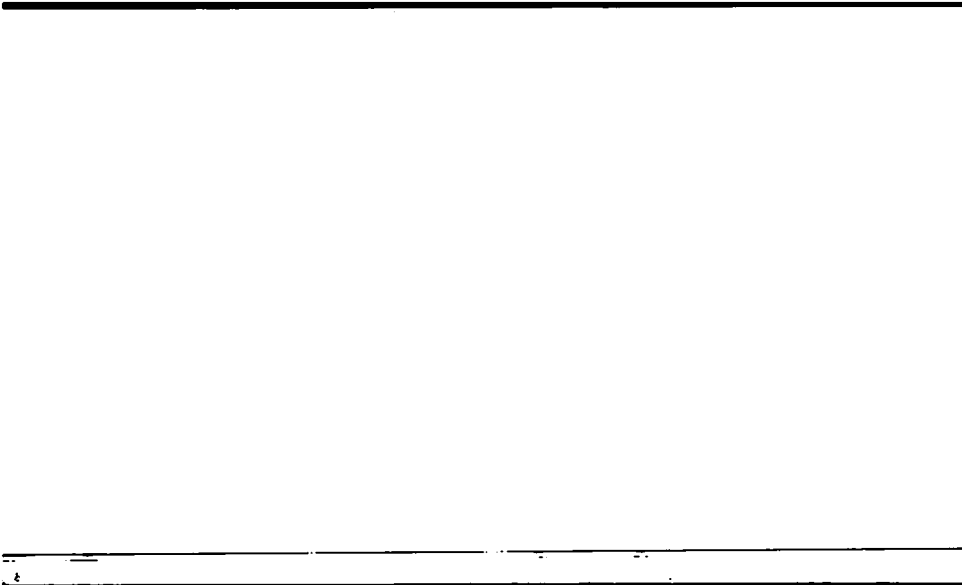


SATELLITES - DISCOVERER - 27TH

1961

JL 22, B-10-3

VANDENBERG AIR FORCE BASE-DESTROYED BY PACIFIC MISSILE RANGE SAFETY OF
FICER 60 SECONDS AFTER LAUNCHING



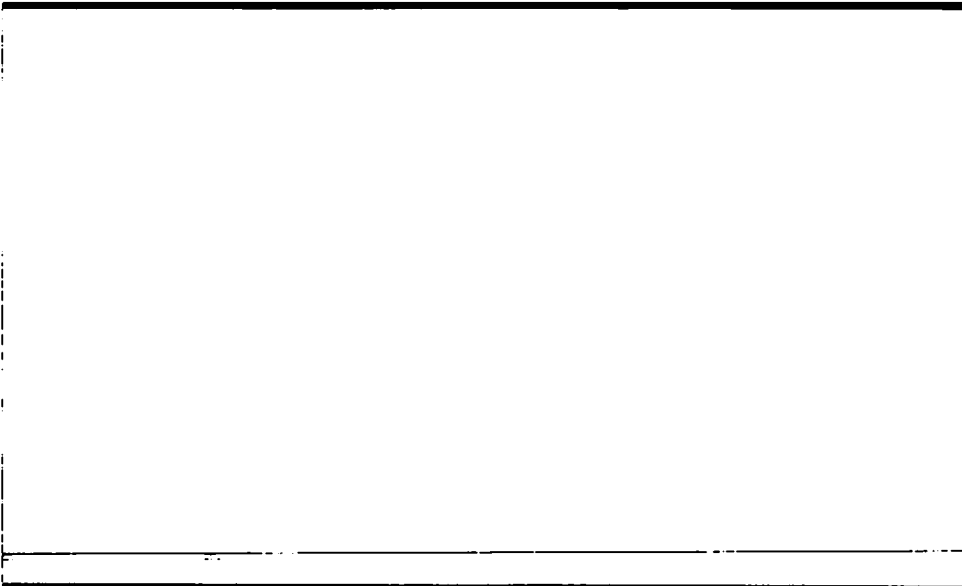
SATELLITES: DISCOVERER 29TH

1961

VANDERBERG A.F.B., CALIF. - ROARS ALOFT WITH SECRET PAYLOAD

AG 30, A-2-3 LF
S 3, A-11-1

3 PARACHUTING SKIN DIVERS WHO RETRIEVED GOLF PLATED CAPSULE OF ABOVE
RE PICKED UP BY NAVY DESTROYER

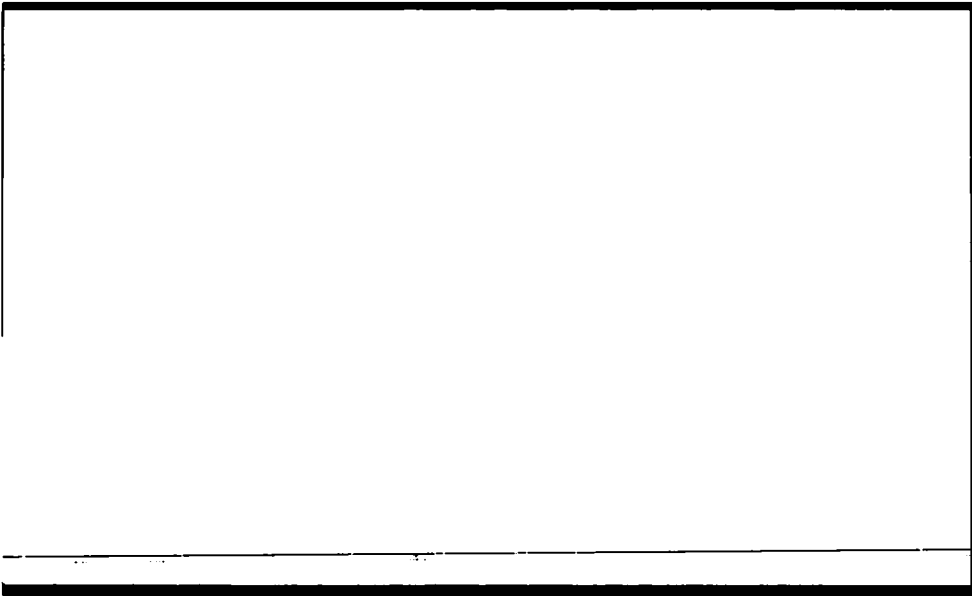


SATELLITES: DISCOVERER XXX(30)

1961

SHOT ALOFT TODAY FOR POLAR FLIGHT
CAPSULE RECOVERED NR. HAWAII

S 12, A-1-7 LF
S 15, A-2-2



SATELLITES : D'SCOVERER : XXXI

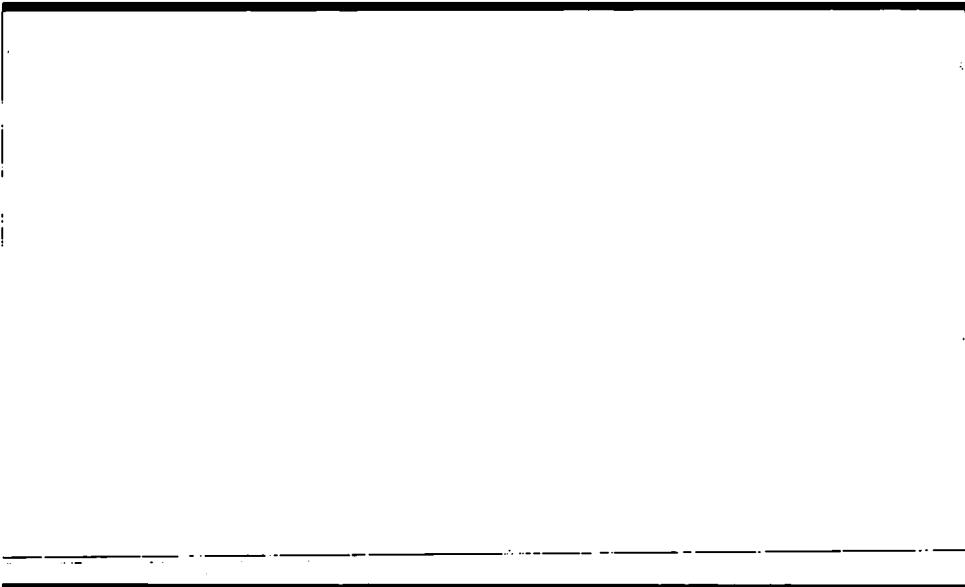
1961

IN ORBIT TO TEST SPACE RADIATION
HONOLULU-AIR FORCE FAILS TO RECOVER CAPSULE
INGLEWOOD, CALIF.-RADIO CONTACT LOST

S 18, B-7-3

S 20, C-9-8

S 21, A-8-5



SATELLITES : DISCOVERER 32

1961

VANDENBERG, CA. IF. - SHOT INTO ORBIT

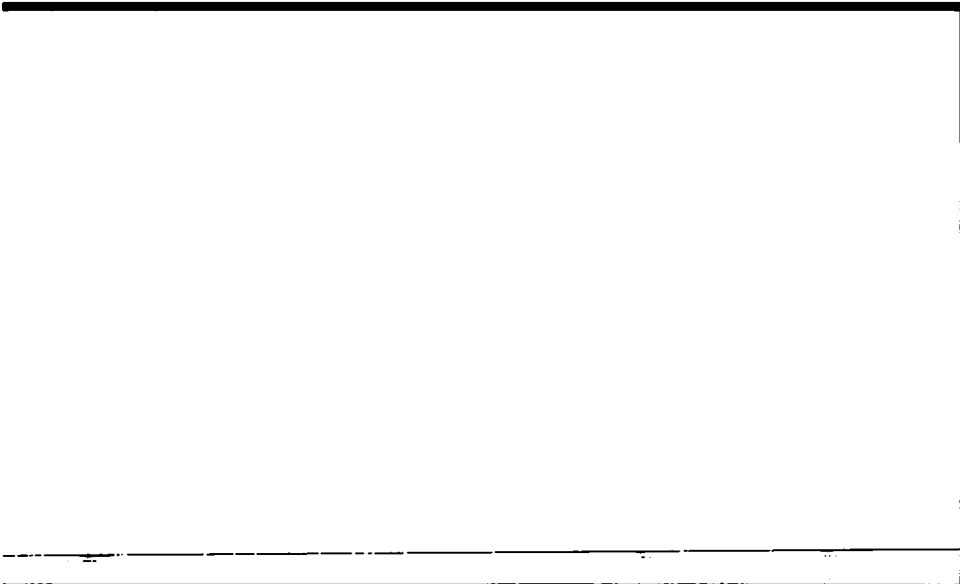
0 14, A-2-5

HONOLULU - NOSE CONE RECOVERED IN AIR

0 15, A-1-6

CAMBRIDGE, MASS - SIGNALS REPORTED BY JAPAN CONFIRMED TO BE FR. ABOVE

0 15, A-16-1 1*

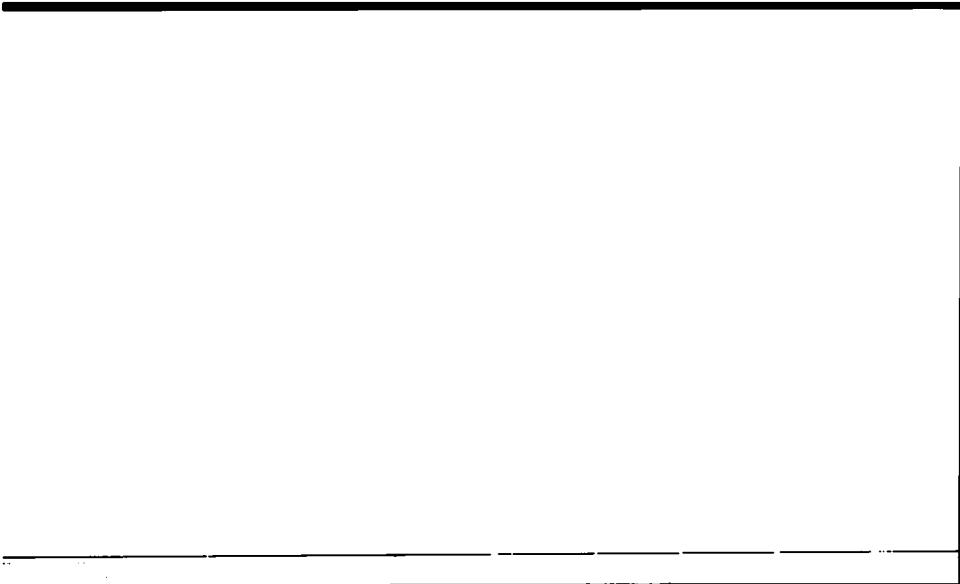


SATELLITES : DISCOVERER XXXIII

1961

0 24, 8-9-1

VANDENBERG-FAILS TO ORBIT IN LAUNCHING



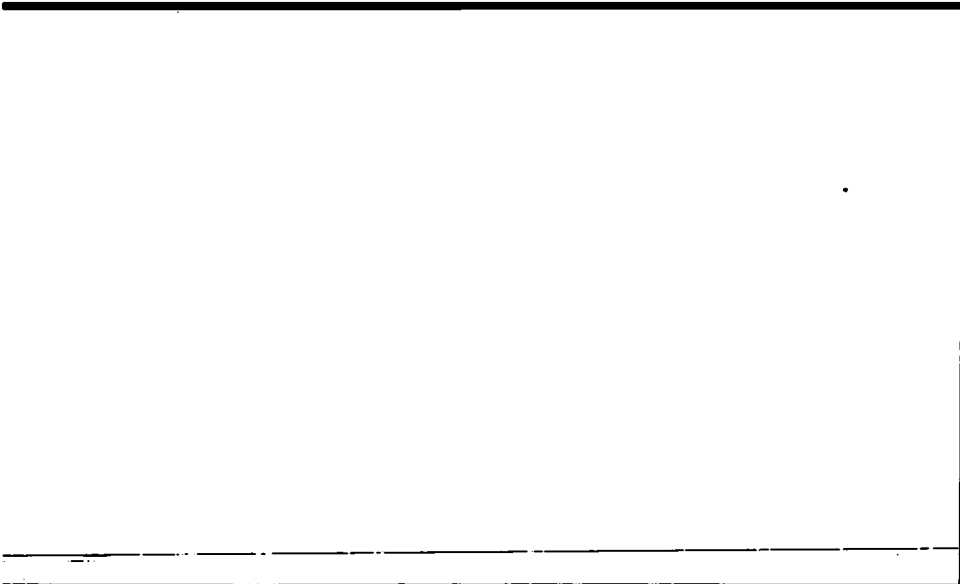
SATELLITES : DISCOVERER 34

1961

BANDENBERG-AF POSTPONED LAUNCHING

AIR FORCE WILL ATTEMPT TO CATCH ABOVE CAPSULE IN ORBIT

N 3, B-10-6
N 6, A-10-7

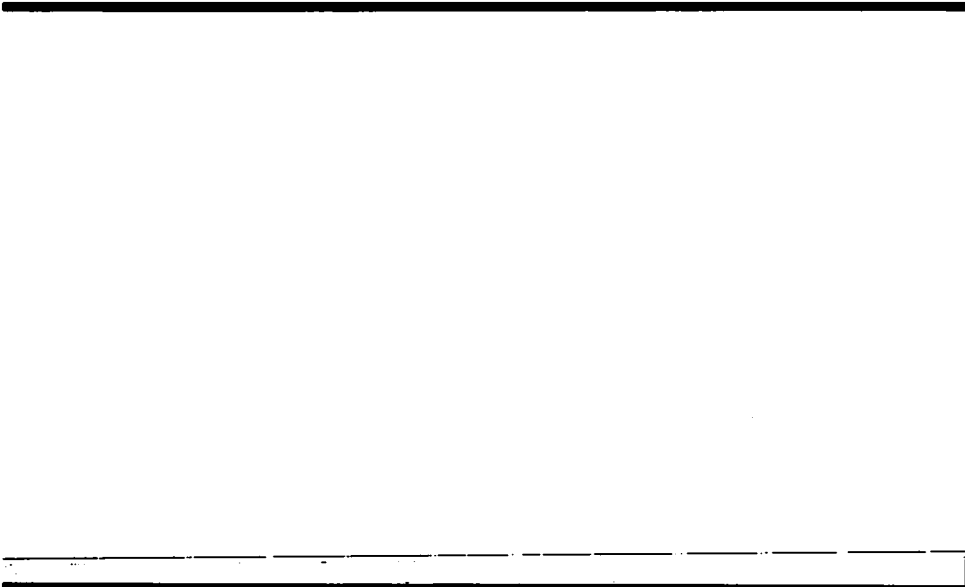


SATELLITES: DISCOVER EP 35

1961

N 16, A-3-3

UTS SATELLITE INTO AIR



SATELLITES : DISCOVERER 36

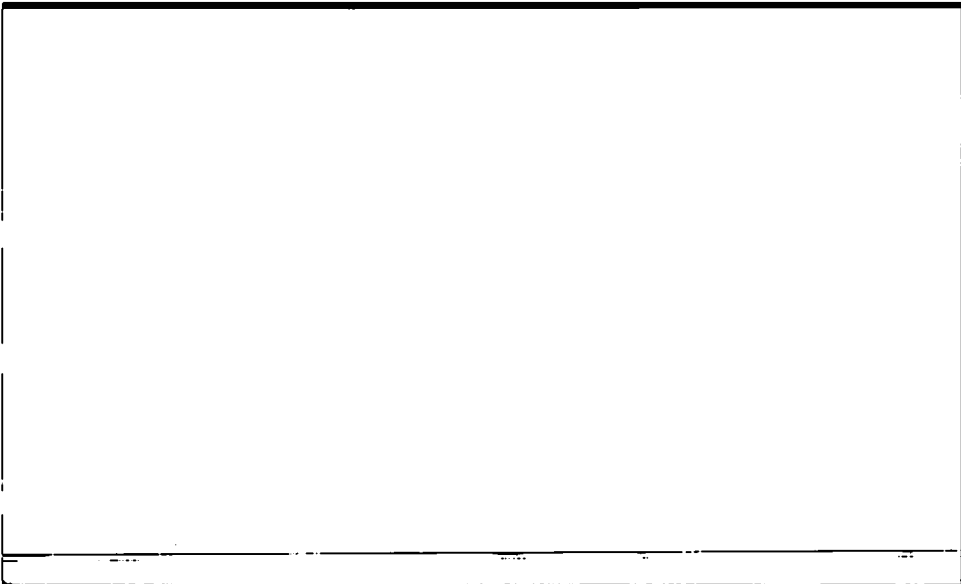
1961

AMATEUR RADIO OPERATORS SEND OSC AR TRANSMITTER IN ORBIT WITH ABOVE
HONOLULU-CAPSULE RECOVERED FROM SEA
LOSES ITS RADIO VOICE

D 13, A-10-1

D 17, A-2-2

---1962--- JA 1, 9-4-1

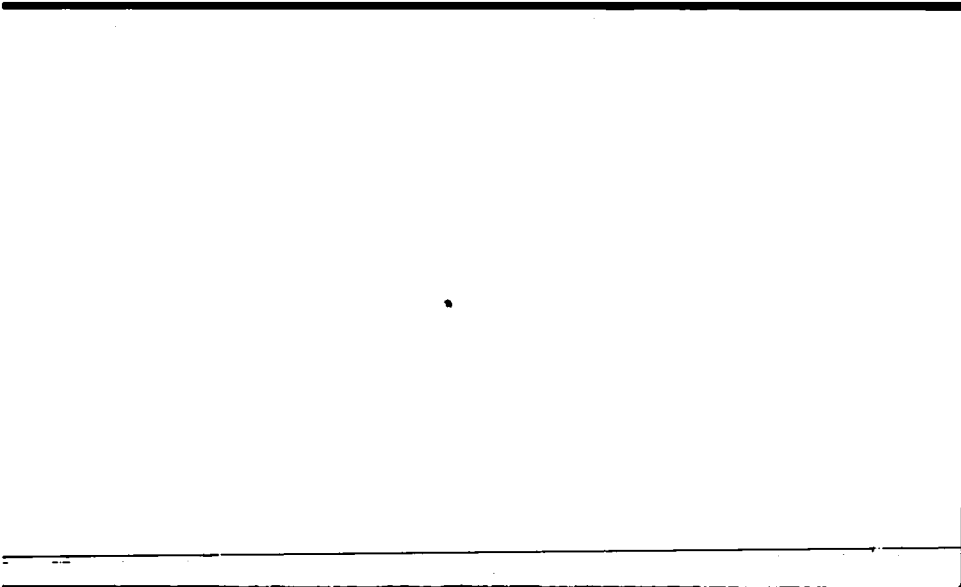


SATELLITES : DISCOVERER 37

1962

FAILS TO BEGIN ORBIT

A 14, C-20-6



SATELLITE: DISCOVERER NO 38

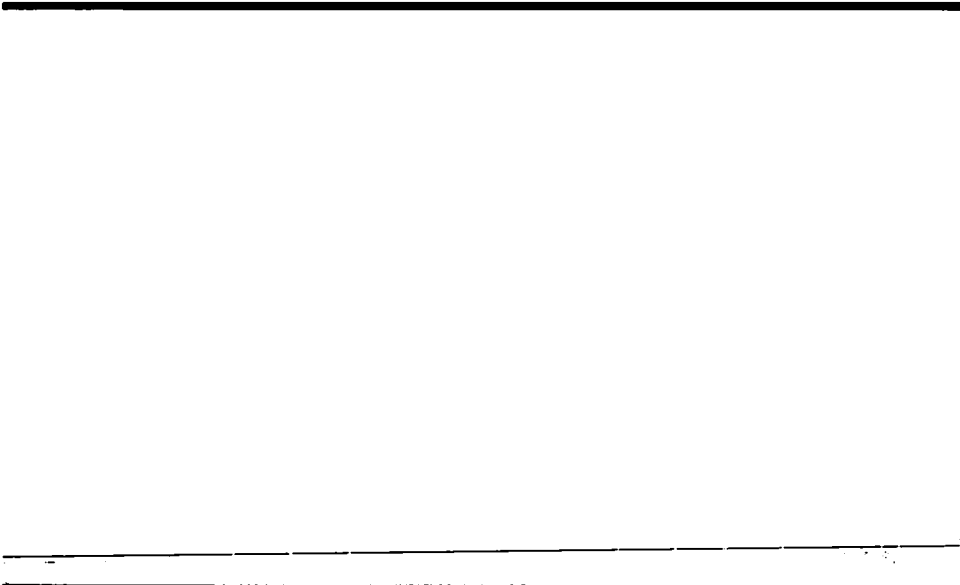
1962

AIR FORCE FIRES ABOVE

28, A-16-3

MR 4, A-1-2

HONOLULU-AF C-130 HERCULES CATCHES ABOVE AFTER ORBITS



SATELLITES : DISCOVERERS : MISC.

1961

OF 22 DISCOVERERS, 15 ORBITED, 4 CAPSULES RECOVERED

AP 9, B-10-4

---1962---

JE 28, A-16-6

**AF SAYS SATELLITE EMPLOYING THOR AGENA-B BOOSTER COMBINATION LAUNCHED
FROM VANDENBERG AIR FORCE BASE, CALIF.-COMB. USUALLY LIFTS ABOVE**

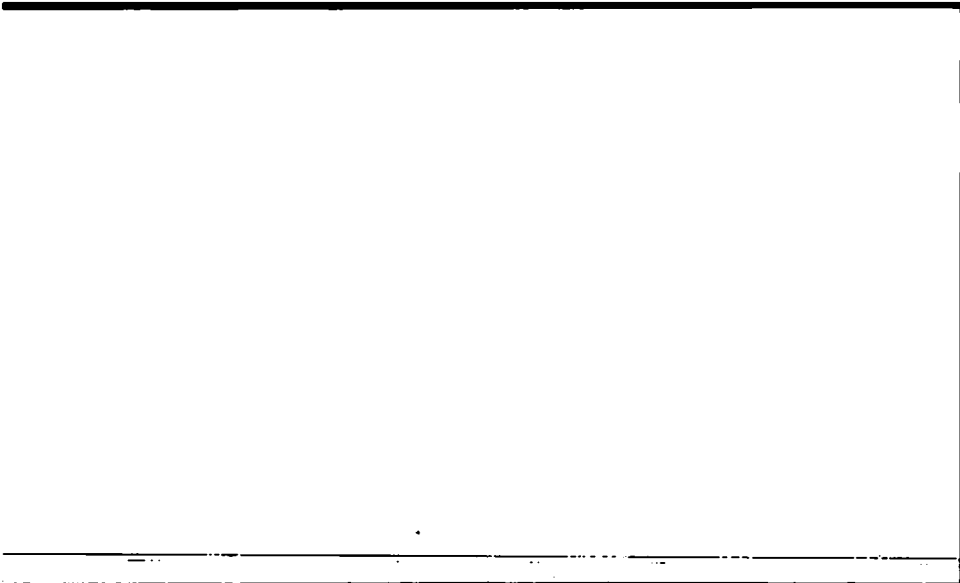
**VANDENBERG AF BASE, CALIF.-NEW SATELLITE LAUNCHED-MAY BE ABOVE SERIES-
AF GIVES NO INFORMATION**

AG 2, A-13-2

---1963---

AG 26, A-8-8

**AF LAUNCHES SECRET SATELLINE AUG. 24, PROBABLY OF ABOVE SERIES, TOWARD
POLAR ORBIT**

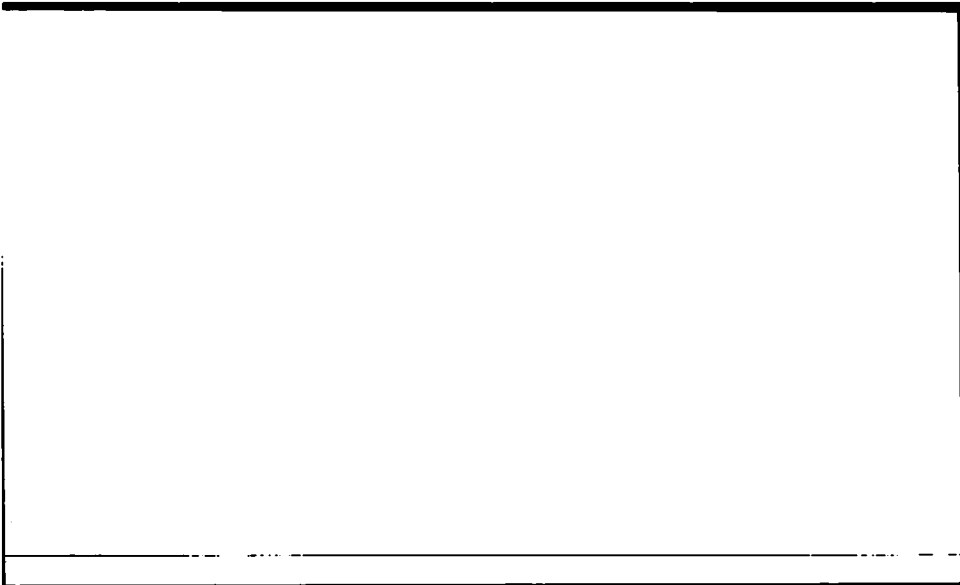


SATELLITES : DISHES

1996

Je 09 D 3-1

Telecom Act of 1996 stripped away local restrictions on
dishes-Hoffman

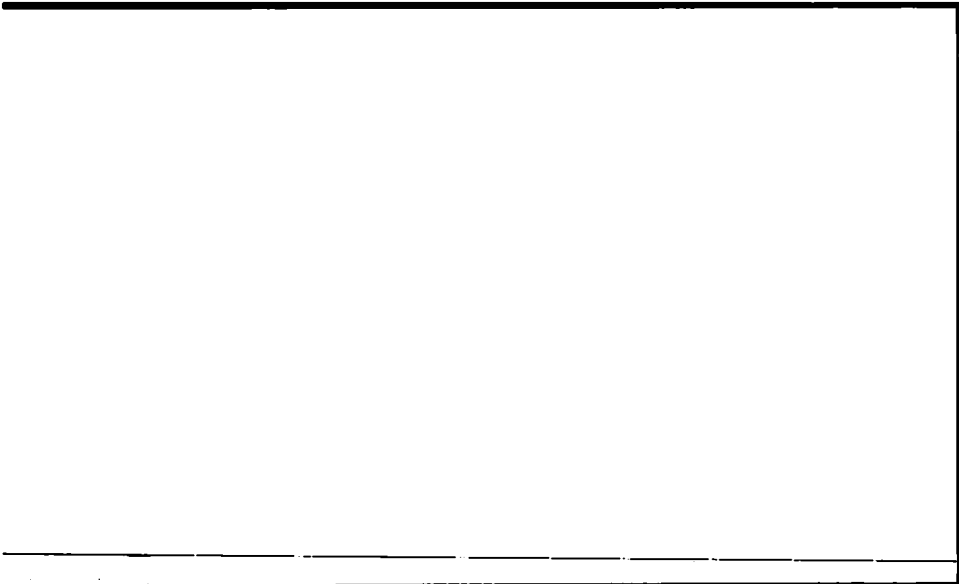


SATELLITES- DODGE

1966

AG 17, C-3-1

WASH-TO BE USED TO TAKE PHOTOS ABOVE EARTH

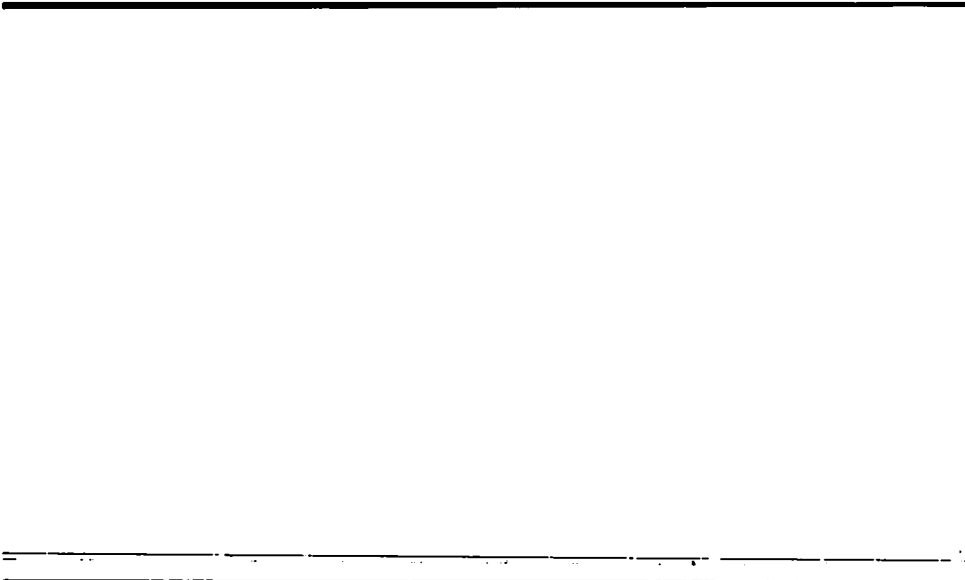


SATELLITES: DUMRBELL

1961

N 16, A-3-3

ABOVE PUT INTO ORBIT

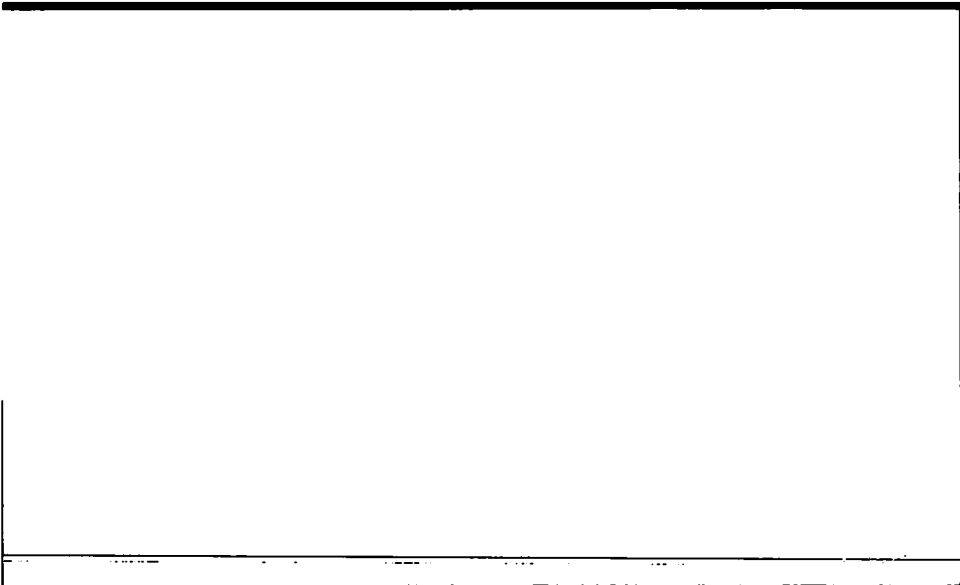


SATELLITES: EAGLE

1962

**ANN ARBOR-U OF M FINISHED WORK ON ABOVE PROJECT-TESTING COMPLETED AT
GODDARD SPACE FLIGHT CENTER NEAR WASH,D.C.**

JL 25, A-5-1 FIN3



1964

SATELLITES - EARLY BIRD

WASH.-COMMUNICATIONS SATELLITE CORP. TO PAY GOVT. \$3.5 MILLION TO LAUNCH ABOVE AS SOON AS POSSIBLE AFTER MARCH 1 D 23, A-1-1

—1965— MR 3, C-15-3

NY-LAUNCHING OF ABOVE TO BE DELAYED, COMMUNICATIONS SATELLITE CORP. ANNOUNCED-MAY BE IN MAY OR LATER MR 10, 9-11-5

FIRST TO BE LAUNCHED OVER ATLANTIC EARLY IN APRIL AP 6, D-13-3

NY-COMSAT HAS SCHEDULED LAUNCHING OF ABOVE FOR 6:30 TO 7:30 PM AD. 6 AT CAPE KENNEDY, FLA.

WASH.-IN ORBIT AP 7, A-1-1

WASH.-PASSED ITS 1ST SPACE TEST WITH A-OK RADING AP 8, A-23-1

WASH.-HAD NEAR PERFECT ORBIT AP 9-IS OVER EQUATOR READY TO RELAY TRANS-ATLANTIC TV & PHONE CALLS FOR PAYING CUSTOMERS AP 10, A-2-8

MAY EARN \$10 MILLION DURING FIRST YR. IN SPACE BY SELLING SERVICE FOR 2 WAY VOICE CHANNELS FOR PHONE USE OR TELEGRAPH OR TV-DIPP AP 11, D-18-3

MUST HAVE BEEN NAMED AFTER THE DET. NEWS AIRPLANE OF 30 YRS AGO, THE EARLY BIRD 1, WHICH WAS A MARVEL OF ITS TIME-MULLER AP 12, A-16-7

WASH.-SENDS CLEAR PICTURES IN TV TESTS FROM IS, FRANCE, BRITAIN & GERMANY TO BEGIN TV BROADCASTS MY 2 WHICH WILL EVENTUALLY LINK CONTINENTS BY AP 24, A-1-8

LIVE TV JUDGE AP 28, B-6-3

---1965---

MY 3, A-4-3

HOLLYWOOD-OPENS NEW ERA IN PEOPLE-TO-PEOPLE RELATIONS MAY 2 WITH 1-HR INAUGURAL TELECAST

MY 4, B-1C-1

TRULY AWE-INSPIRING-EDIT.

MY 4, B-7-1

NY-SPOKESMEN FOR US, BRITAIN & FRANCE, DEBATING BY WAY OF ABOVE, AGREE THAT COMMUNISM MUST BE STOPPED IN SOUTHEAST ASIA

MY 7, A-1-8

MIAMI-HELPS POLICE CAPTURE GEORGES LEMAY AT FORT LAUDERDALE BEFORE HE BOARDED HIS YAWL, FOR ROBBERY OF MONTREAL BANK 4 YRS AGO

MY 10, A-24-1

CRIME IN ORBIT-EDIT.

MY 17, A-1-3

PARIS-UN SEC. GEN. U THANT, USING EARLY BIRD COMMUNICATIONS SATELLITE-TO SPEAK ON TV TO INTERNATIONAL COMMUNICATIONS UNION MEETING

JE 1, A-4-1

SEATTLE-INTERNATL. DEBATE ON VIETNAM AIRED IN FIRST USE OF ABOVE BY INDEPENDENT TV STATION

JE 3, A-2-8 5*

LONDON-BRITAIN GOT 1ST VIEW OF LIVE AMERICAN SPACE LAUNCHING VIA EARLY BIRD SATELLITE

JE 8, B-9-6

LONDON-DIRECTORS OF BRITAIN'S KAY-GIBSON GREETING CARD CO. & THOSE OF AMERICAN GIBSON COMPANAY TO HAVE CLOSED CIRCUIT TV MEET VIAT ABOVE

JE 15, A-3-4

WASH.-BRITISH START CHARGING \$6,700 AN HOUR FOR USE OF GROUND RELAY STATIONS INVOLVED IN EXPERIMENTAL USE OF ABOVE

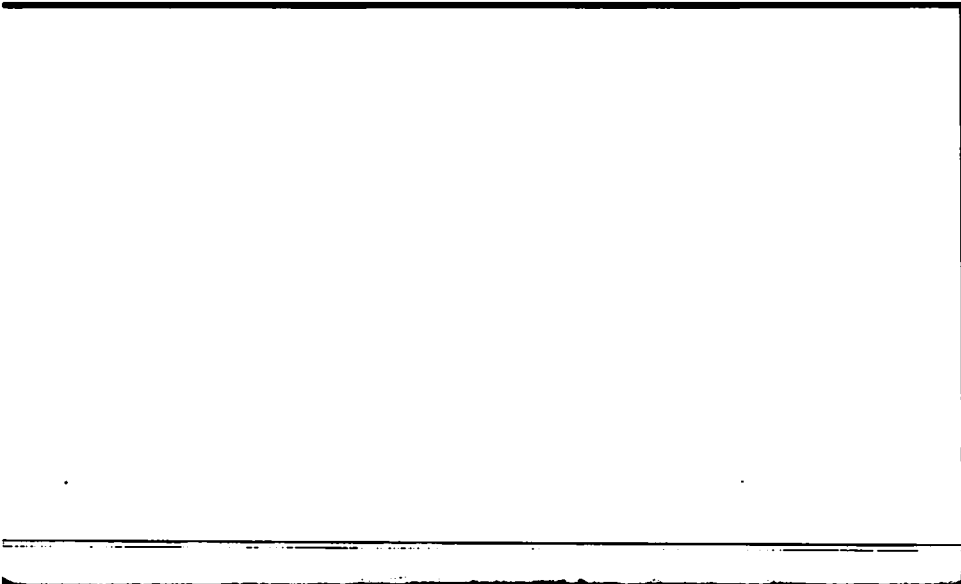
JE 18, A-11-1

NY-NBC & CBS COMPLAIN TO FCC THAT COMSAT RATES ARE TOO HIGH

1965

SATELLITES - EARLY BIRD

- JE 27, 4-10-1
 WASH.-FIRST COMMERCIAL PHONE CALLS TO BE MADE BTWN WASH. & EUROPEAN CAPITALS VIA ABOVE BEGINNING JUNE 28
- JE 28, A-19-4 5*
 WASH.-PRES. JOHNSON FORMALLY INAUGURATED COMMERCIAL PHONE SERVICE BY SATELLITE WITH TRANSATLANTIC CALL RELAYED BY ABOVE
- JL 1, D-8-6
 WASH.-COMMUNICATIONS SATELLITE CORP. WAS GIVEN TEMPORARY AUTHORITY TO PROVIDE THE SATELLITE SERVICE FREE TO BROADCASTERS, PENDING DETERMINATION OF RATES TO BE CHG. FOR COMMERCIAL SERVICE
- JL 19, A-4-5 5*
 WASH.-ITT WORLD COMMUNICATIONS INC. ASKED FED. COMMUNICATIONS COMM. FOR AUTHORITY TO USE ABOVE FOR LIVE TV COVERAGE OF NEXT GEMINI ASTRONAUT MISSION
- AG 4, D-10-8
 WASH.-COMMUNICATIONS SATELLITE CORP. RECEIVED \$250,000 FROM AMERICAN TELEPHONE & TELEGRAPH CO. FOR USE ABOVE
- O 22, D-7-3
 WASH.-COMMUNICATIONS SATELLITE CORP. PROPOSED TO BUY 4 SUPER ABOVE SATELLITES FROM HUGHES AIRCRAFT CO. FOR \$11,730,000
- O 28, B-10-1
 AS SEEN ON EARLY BIRD-A PRATFALL FOR UNCLE SAM-ED. T.
- 1966---
 WASH.-REVENUES TOTALED \$2,139,000 IN 1ST 6 MTHS
- AP 1, B-5-1
 WASH.-ABOVE SHOWS WORLD PHONE SYSTEM FEASIBLE
- My 11, C-13-1
 JE 1, C-6-5
 JERUSALEM-ISRAEL TO LINK COUNTRY TELEPHONE SYSTEM WITH US VIA ABOVE

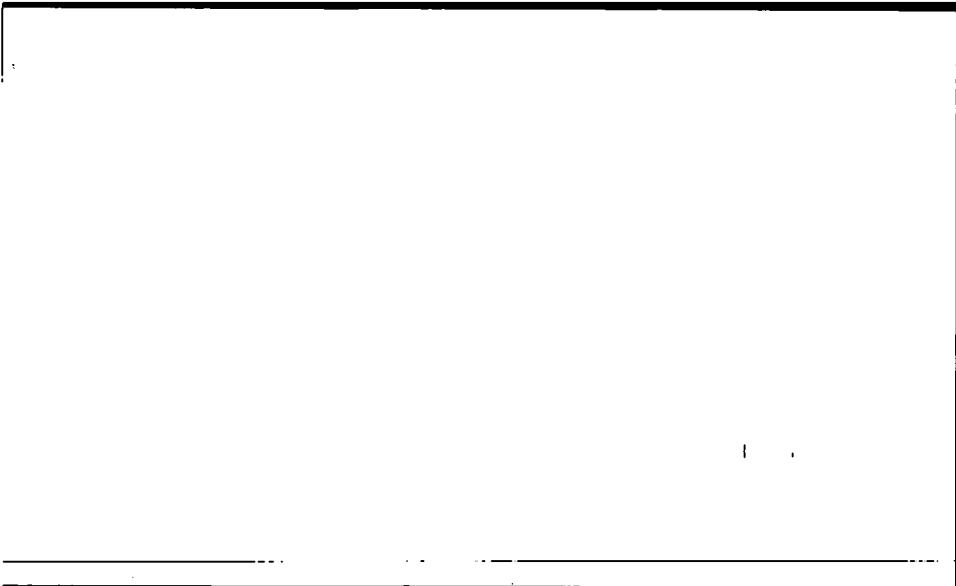


1984

SATELLITES : EARTH RADIATION BUDGET

0 6, A-4-1

**CAPE CANACERAL-CHALLENGER CREW RELEASES \$40MILLION
CLIMATE WATCHING SATELLITE**



1973

SATELLITES: EARTH RESOURCES

MY24, A-1-3

HOW WE LOOK FROM 569 MILES UP---PICTURES PRODUCED BY ---
HANSEN

MY24, F-1-1

MAPS OUT OF DATE, SATELLITE FINDS---PIPP

N 25, A-24-1

SOIL CONSERVATION SERVICE ANNS RELEASE OF FIRST CLOUDFREE
SATELLITE MAPS EVER MADE OF US FOR PUBLIC SALE; LISTED.

-1974-

JA 10, F-3-1

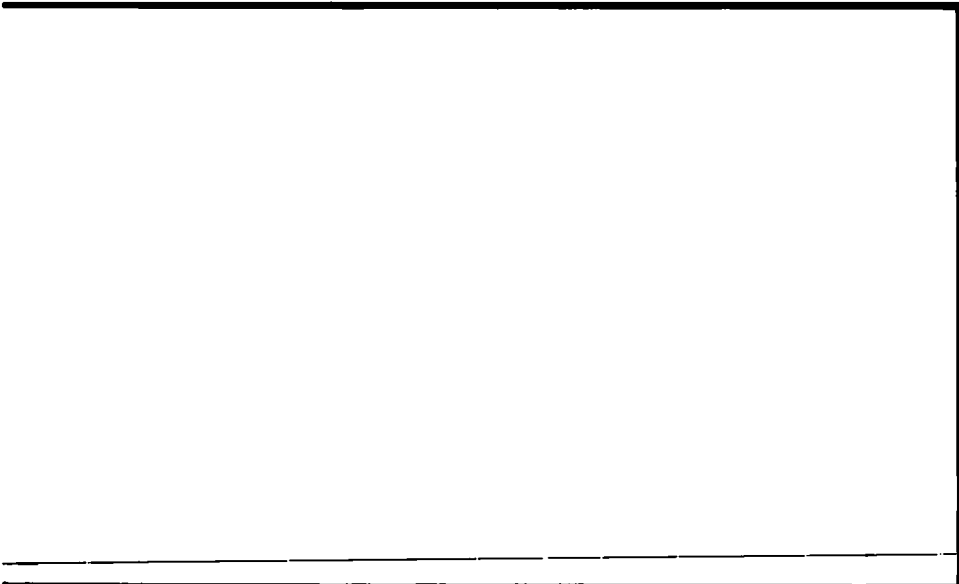
JOB FOR AN EYE IN THE SKY.EDIT.

F 7, B-5-1 N

OAKLAND OFFICIAL NAMED TO NASA POST: GEORGE N. SKRUBB

JL 24, A-15-1 RACE

~~ERTS 1 HAS BEEN ORBITING EARTH FOR 3YRS.COLLECTING GEOLOGI-~~
CAL DATA



SATELLITES: EARTH RESOURCES

1970

JE 2, A-1-3
SOYUZ 9 COULD BE BOLD ATTEMPT BY RUSSIA TO JUMP AHEAD OF
AMER SPACE PROGRAM TO GIVE PEOPLE ON EARTH DIRECT BENEFITS
FROM SPACE FLIGHTS---JR PIPP JE 28, A-11-1
SPECIALLY EQUIPPED JET TO BEGIN PROJECT OF PHOTOGRAPHING 26
CITIES IN PILOT PROJECT FOR ENTIRE COUNTRY PHOTOGRAPHING-PIPP
JL 17, D-8-6
BENDIX AEROSPACE CORP TO MAKE EQUIPMENT FOR ECOLOGY SATELL
TE-PIPP AG 30, A-22-1 1DOT
WASH-\$50 MILLION NASA AWARD TO GE HAS BEEN CHALLENGED ON
GROUNDS THAT GE RECIEVED UNFIAR ADVANTAGE.
--1971-- 020, B-4-1
6 MICHIGAN SCIENTISTS TO JOIN SKYLAB STUDY. PIPP

---1972--- JE 30, B-2-3 N
SATELLITE LAUNCHED BY ABOVE TO SEND PICTURES OF OAKLAND CO., BACK
TO EARTH EVERY 18 DAYS---DAVIDSON

---1972---

JL20, C-4-1

ERTSA SATELLITE LAUNCHING SCHEDULED FOR TOMORROW WILL
PUT SATELLITE IN POSITION TO SCAN 115 MILES SECTION OF
EARTH DURING EACH ORBITAL PASS---PEARSON

JL20, C-4-1

LIST OF BENEFITS ERTSA SATELLITE WILL PROVIDE

LOMPOC, CALIF--ENGINE MALFUNCTION DELAYS LAUNCH OF ERTS
SATELLITE AT LEAST 24 HRS.

JL 21, C-7-1 RACE

JL 24, A-2-1

LOMPOC, CALIF--LAUNCHED YESTERDAY; SCIENTISTS AWAIT DATA.

AG 6, A-25-1

WASH--NASA REPORTS TURNING OFF POWER-RELATED EXPERIMENTS
FOLLOWING DEVELOPMENT OF POWER FLUCTUATION.

O 29, A-18-2

BENDIX SYSTEM MAY HELP BRAZIL GLEAN SATELLITE DATA.--PIPP

-1973-

MR 7, A-19-1

SATELLITE FINDS QUAKE SPORTS IN CALIF, ALASKA.

AP 26, A-13-1

ERTS SATELLITE PAYING WAY.OTOOLE

MY23, A-3-4

PHOTO OF MICH. AND ONTARIO TO APPEAR IN NEWS' SECTION E

1975

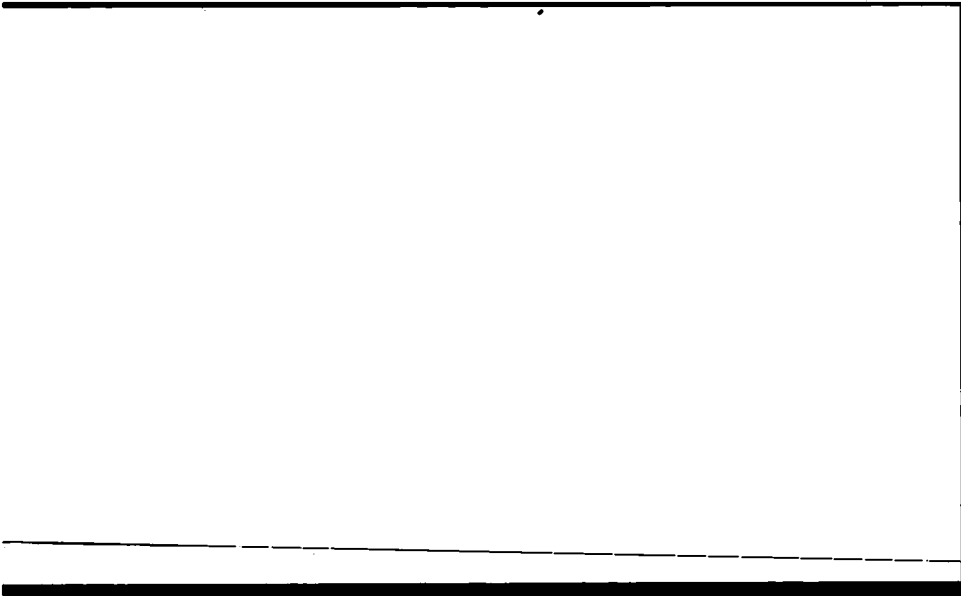
SATELLITES: EARTH RESOURCES

JA 23, B-2-6 N

**ERTS-2, NOW NAMED LANDSAT, LAUNCHED JA22
-1978-**

JE 16, A-1-1

TO BEGINS SPOTTING LAKE POLLUTION-KERWIN



SATELLITES - ECHO I

1959

D 7, A-3-6

N A SA ANNOUNCED PLANS TO LAUNCH ABOVE NEXT MARCH

---1960--- AG 12, A-1-5

ABOVE IS FIRST STEP TOWARD SPACE TV STATION

AG 12, A-1-8

IKK'S TALK BOUNCED OFF ABOVE-RALL

AG 12, A-1-7

DETROITERS CAN SEE ABOVE AT 10:20 PM TONIGHT

AG 12, A-2-4 LF

PROJECT ECHO TO BE PRESENTED TONIGHT

AG 12, A-1-4 LF

TIMES & PATHS OF ECHO TONIGHT & AG 13TH

AG 13, A-1-5

HOLMDEL, N.J.-MAKES CONNECTION IN FIRST SPACE PHONE CALL

AG 13, A-2-4-1

APPEARS 4 TIMES OVER TOKYO AG 12TH

AG 13, A-1-6

ABOVE'S ORBIT OFF SCHEDULE OVER DETROIT

AG 14, A-9-1

CHARTS FIRSTS IN CIRCLING EARTH

AG 15, A-6-7

HOLMDEL, N.J.-U.S. ECHO SATELLITE RELAYS PHONE CALL

AG 15, A-6-8

TO MAKE 3 APPEARANCES OVER CITY TONIGHT

AG 16, A-10-4

REPORTED AIDING HAM RADIO OPERATORS IN DET. AREA

AG 17, C-15-1

TIMETABLE OF ABOVE OVER DETROIT

AG 18, A-7-1

CLOUDS MAY HAMPER VIEW OF ABOVE OVER DET. TONIGHT

CAMBRIDGE, MASS.—MAY BE LOSING ITS SHAPE & GETTING WOBBLY
 RESEARCHERS SUCCEED IN BOUNCING PRES. IKE HIMSELF, IN FORM OF PHOTO, OFF ABOVE
 HOLMDEL, N.J.—FIRST RADIO TRANSMISSION BETWEEN EUROPE & U.S. VIA ABOVE REPORTED
 SUN PUSHING ECHO TOWARD EARTH
 3-DAY SCHEDULE OF ABOVE IN DET. AREA
 HOLMDEL, N.J.—BELL LAB. ENGINEERS BOUNCE VOICE MESSAGE & MUSIC OFF ABOVE
 TRACKING CAMERAS OF GRUMMAN AIRCRAFT ENGINEERING CORP. PHOTOGRAPHS MYSTERY OBJECT IN SKY AFTER TAKING PICTURES OF ABOVE
 STILL FLYING HIGH
 NORTHFIELD, MINN.—SPACE PARTICLES PUNCTURE ECHO STOPS TALKING WHEN IN SHADOW OF EARTH
 ONLY VISIBLE OVER KALAMAZOO AREA THIS WEEK-END
 BACK OVER DET
 VISIBLE THIS WEEK IN DET. AREA
 TO BE SEEN IN SOUTHERN MICHIGAN EACH MORNING THIS WEEK

---1960---

AG 19, A-3-4

AG 19, P-7-2 FIN 5

AG 20, A-1-2

AG 22, A-1-6

AG 23, A-1-1

AG 24, A-1-4 MET2

S 1, A-1-4

S 2, B-12-5 FIN 5

S 4, A-1-6

S 11, A-1-8

S 25, A-1-2

O 9, C-22-5

O 25, A-3-5

N 8, A-2-5 FIN 3

STORM SHIFTS COURSE OF ABOVE ---1961---

AGAIN VISIABLE IN DET
DETROITERS TO SEE ECHO TODAY

PASSES SOUTH OF DET. AT 9:30 TONIGHT 87 DEGR
PASSING DET. TONIGHT

SHRINKS, BUT STILL HAS BALL IN SKY

VISIBLE OVER DET. AT 2:01 A.M. JL 19, 89 DEGREES ABOVE NORTHERN HORIZON

MARKS ITS FIRST BIRTHDAY TODAY

GOES SOUTH FOR 3-WEEK VISIT

--1962--

NEW SUPER ECHO READY FOR LAUNCHING

CAMERA IN THOR ROCK T WHICH LAUNCHED ECHO WEATHER BALLOON SHOWS IT BLOWING UP

TV PICTURE BOUNCED OFF ORBITING ECHO I 1,000 MILES ABOVE EARTH

OBSERVES ITS SENCOND ANNIV. IN ORBIT AG 13

D 24, A-2-8

MY 22, A-3-1

MY 24, A-3-1

MY 25, A-3-6

MY 25, A-3-6

JE 11, A-10-1

JL 18, A-6-4

AG 12, A-1-1

S 10, A-11-1

JA 7, B-11-4

JA 20, A-1-3

MY 11, C-12-3

AG 12, A-3-1

---1967---

06 A1-5

IS ABOUT TO DIE, IS NOW WRINKLED & DEFORMED, EVERYDAY IT IS COMING CLOSER TO EARTH-PIPP

---1969---

F 6, C-11-1

CAPE KENNEDY-IN ORBIT 7 $\frac{1}{2}$ YRS

1962

SATELLITES - ECHO II

JL 18, B-3-1

135-FT BALLOON SENT ALOFT AS FORERUNNER OF ADVANCED ECHO COMMUNICATIONS SATELLITE
 ---1964---

JA 21, A-1-1

VANDENBERG AF BASE-US & RUSSIAN TO JOIN IN SATELLITE PROGRAM & TO CONDUCT EXPERIMENTS WITH ABOVE

JA 24, A-3-6

VANDENBERG AFB-TECHNICAL DIFFICULTIES IN TELEVISION CAMERA SYSTEM OF ABOVE, FORCE SECOND POSTPONEMENT IN LAUNCHING

JA 25, A-1-1

SUCCESSFULLY INFLATS IN SPACE

JA 26, A-1-1

VANDENBERG AFB-SUCCESSFULLY ORBITING EARTH AS "SPACE AMBASSADOR" BTWN US & RUSSIA

JA 27, A-1-6

TO BE VISIBLE OVER DET. AT 6:36 PM JAN. 27 IN EAST
 MOSCOW-PROF. ANATOLY BLAGANROV, HEAD SOVIET UNION'S SPACE EXPLORATION COMM., HAILS ORBITING OF ABOVE

JA 27, A-4-4

JA 28, A-8-1

PERFORMANCE OF ABOVE AS INFLATED AFTER LAUNCHING CAUGHT IN TV PIX

JA 29, A-2-1 LF

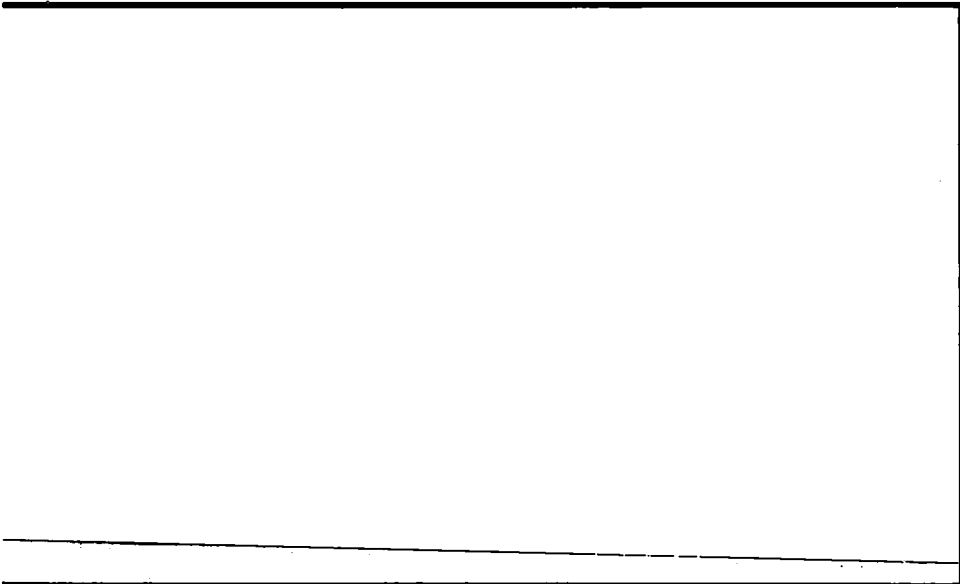
VANDENBERG AFB-US & RUSSIANS SCIENTISTS HAVE COMMUNICATED BY SATELLITE FOR FIRST TIME BY SENDING MESSAGES VIA ABOVE
 LONDON-SOVIET OBSERVATORY AT ZIMENKI RECEIVED FIRST PHOTO-TELEGRAM FROM BRITAIN RADIO TELESCOPE AT JODRELL BANK BY WAY OF ABOVE

F 29, A-5-8 MAIL

---1965---

AG 20, A-3-5 5*

TRAVERSE CITY-SIGHTED HERE CALLED UFO-A.F. ANNOUNCES WAS ABOVE



1962

SATELLITES - ECHO

S 28, A-7-3

NASA ANNOUNCES PLANS TO LAUNCH 2 ABOVE SPHERES

O 21, B-13-1

NEW ECHO BALLOON BURSTS IN TEST --1966--

MR 14, A-8-1

WASH-BALOONS IN SPACE HELP TO MAP TOP OF WORLD

SATELLITES - EDITORIALS

1957

- RUSSIA'S SUCCESS TO CAUSE FRICTION BETWEEN U.S. SERVICES 0 10, 34-2
ALL IS CONFUSION-US INITIAL SHOCK HEALTHY- 15, 30-1
- WHAT IS GRAVITY?-EDIT. 0 17, 38-1
- LIFE IN THE LIMELIGHT-EDIT. D 8, C-20-1
- A CALL FOR CONFIDENCE-EDIT. D 10, 26-1
- MISSING THE BUS-EDIT. -----1958----- F 21, 34-2
S 27, 4-1
- FIRST ANNIV. OF LAUNCHING OF SPUTNIK I-EDIT. -----1960----- F 25, D-8-2
- IMAGINED MENACE(MYSTERY SATELLITE)-EDIT. -----1961----- JE 30, A-22-1
- THOR-ABLE STAR ROCKETS DELIVERS TRIPLE-PLAY-EDIT JE 25, A-22-1
- RUSSIANS SCREAM ALOUD-HOW FAR IS UP?-EDIT. -----1963----- JA 4, A-22-1
- SHH---!-SATELLITE SO SENSITIVE CAN LISTEN IN ON SOVIET TELEPHONES AS ORBITS EARTH-EDIT. -----1964----- JE 8, A-22-3
- WHY CONCEALMENT?-EDIT.

-1976-

N 24, B-6-1

SOVIETS AIMING TO BLIND OUR EYE IN THE SKY?-EDIT

-1987-

Ap 27 A-12-1

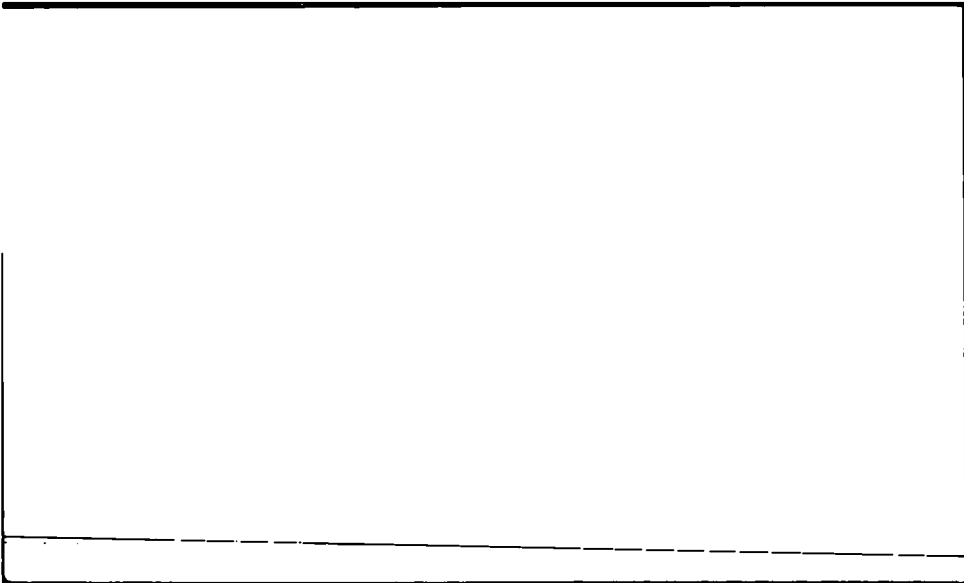
The Anti-Satellite Wars..

1969

SATELLITES: ESRO-1B

S 28, A-21-1

WASH-TO BE LAUCHED CARRYING 8 EXPERIMENTS TO STUDY POLAR
IONOSPHERE-

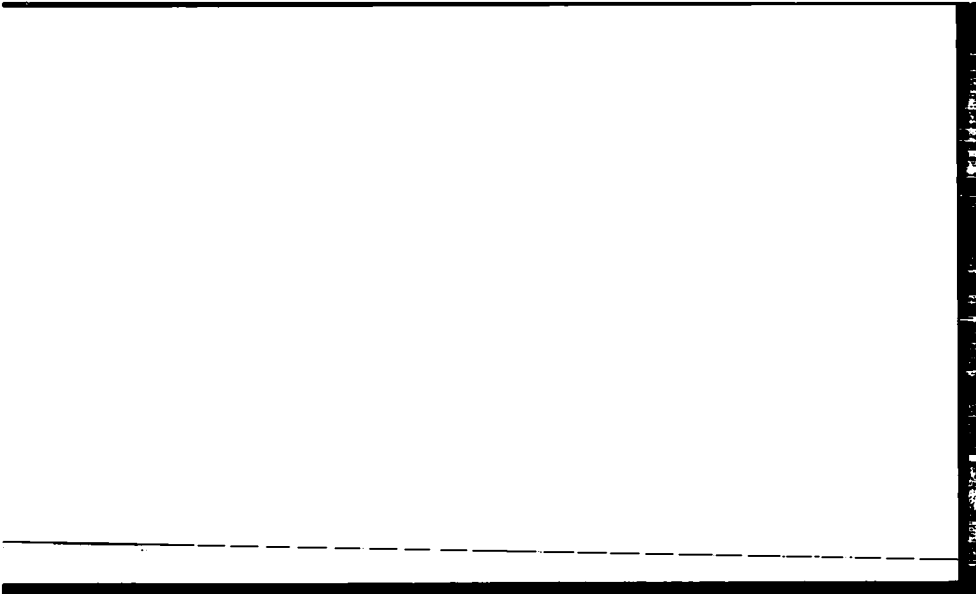


SATELLITES- ESSA I

1966

AP 3, A-22-1 2*

NAIROBI-ABOVE SENDING SPACE MESSAGES BEING PICKED UP BY E.AFRICAN MET
EOROLOGICAL DEPT OUTSIDE NAIRORI-MATHESON



SATELLITES - ESSA 2

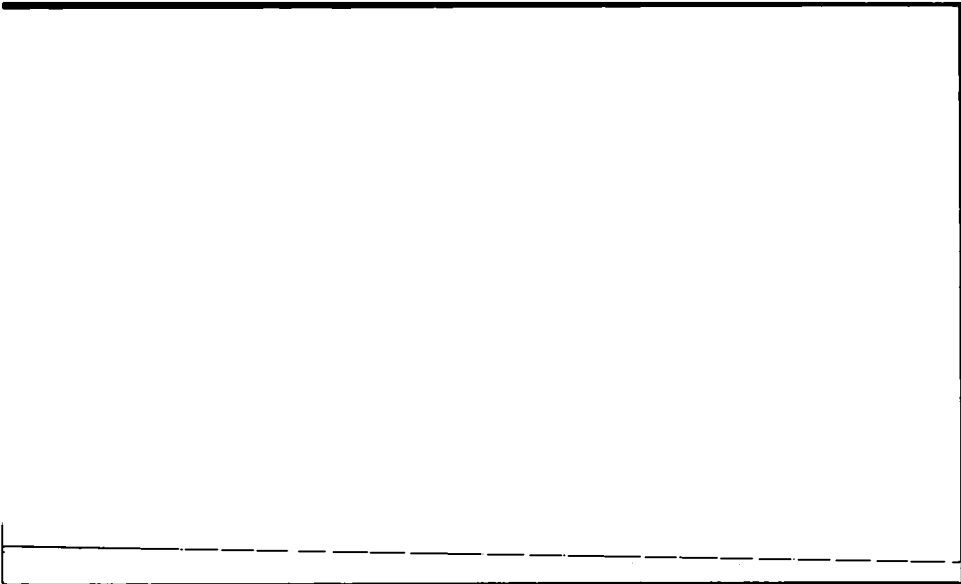
1966

CAPE KENNEDY-ABOVE NEW WEATHER SATELLITE WAS SUCCESSFULLY LAUNCHED
TODAY TO TRANSMIT TV PICTURES OF EARTH A HAM OPERATOR CAN RECEIVE-PIPE
--1967--

F 29, 4-1-1

JA 22, E-2-3

EXPECT TO GET BACK TO RIGHT WORKING CONDITION TO TRANSMIT
INSTANT WEATHER PICTURES-NOW IS WORKING AT TWILIGHT-PEARSON



1967

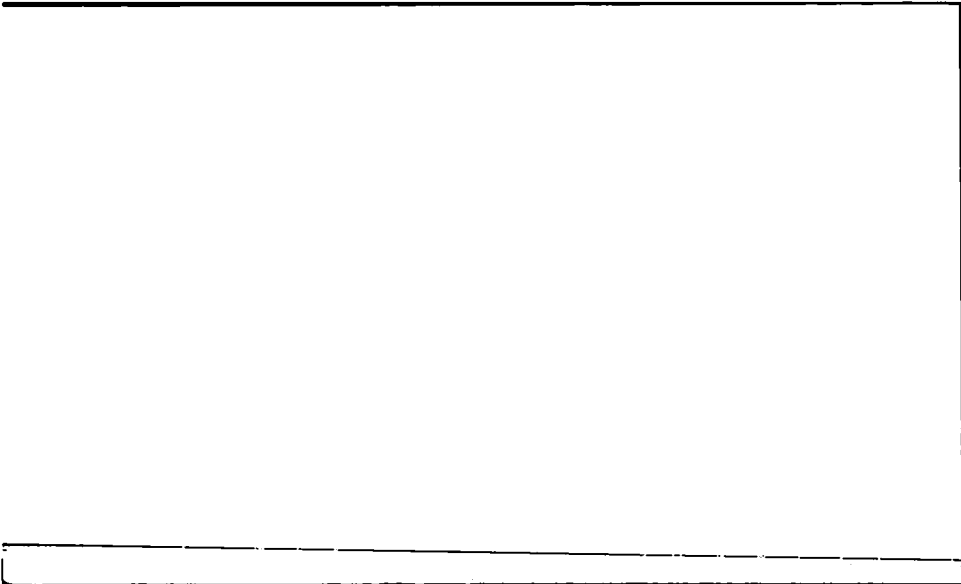
SATELLITES: ESSA 4

JA 27, C-4-6

VANDENBERG AFB, CALIF-LWEATHER SATELLITE CIRCULBG EARTH IN
NEAR-POLAR ORBIT 865 MILES HIGH

JA 29, B-7-1 2*

WASH-PICTURES FROM ABOVE ARE OK

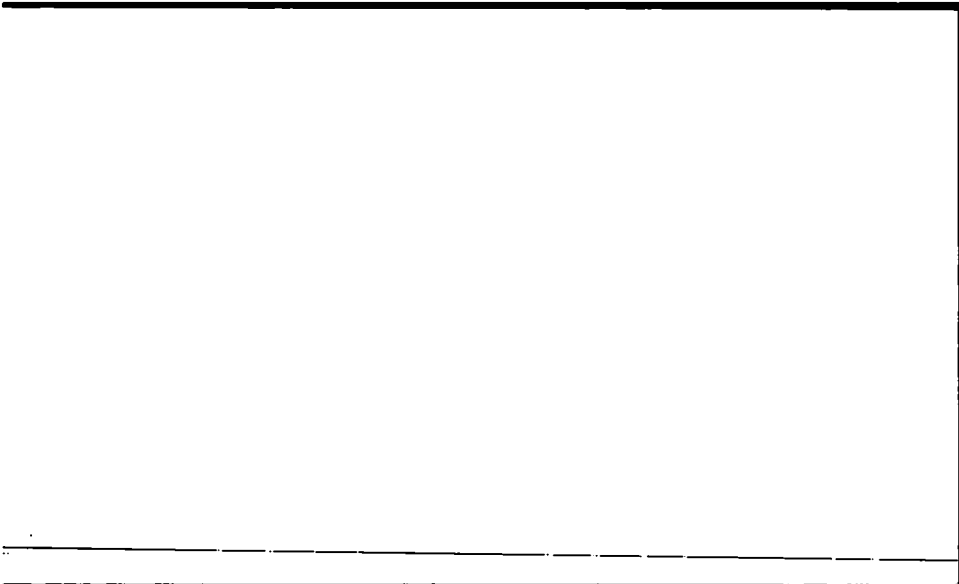


SATELLITES: ESSA 8

1968

~~D 16, A-9-1~~

SHOT INTO ORBIT, 18TH IN SERIES, D 15

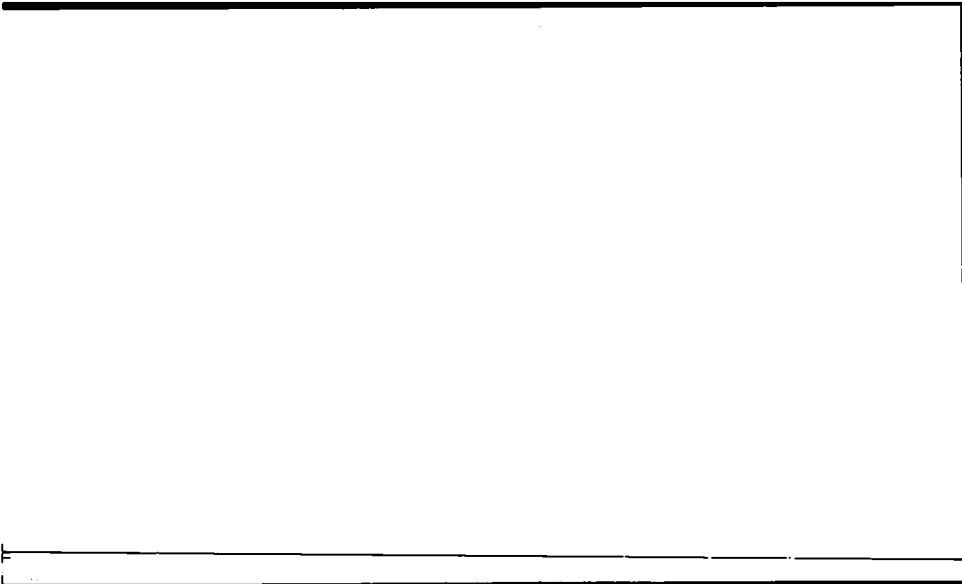


SATELLITES: ESSA 09

1969

~~F 26, A-16-1~~

SHOT INTO POLAR ORBIT, IS WEATHER PROBE-PIPP

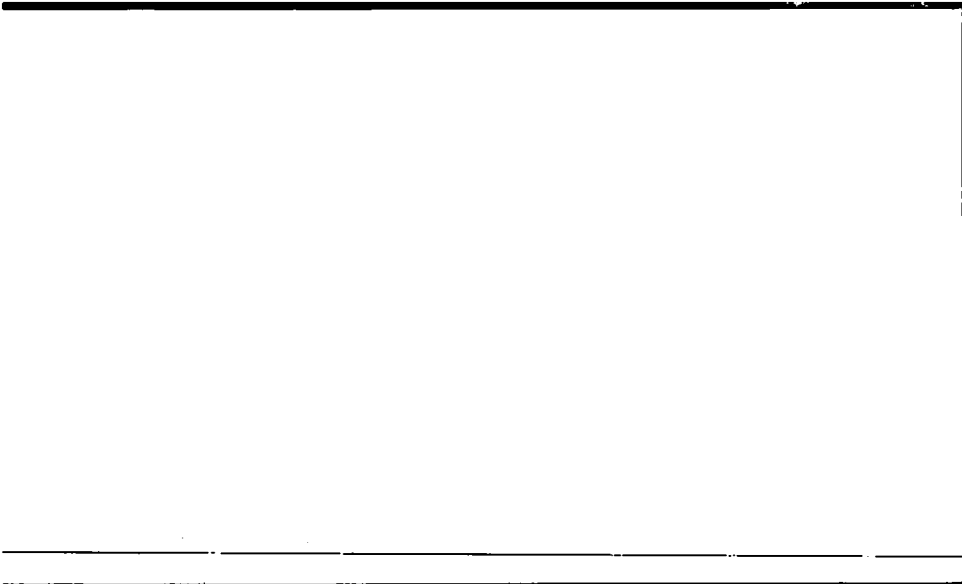


1969

SATELLITE: EUROPA I

JL 3, A-4-4

ADELAIDE, AUSTRALIA-ABOVE, FOUR-NATION ROCKET LAUNCHED BUT
FAILED TO HURL ITS TEST SATELLITE LOAD INTO ORBIT-



SATELLITES : EUROPE

1960

PARIS-BRITAIN OFFERS JOIN EUROPEAN PLAN TO PUT SATELLITES INTO SPACE
O 30, A-13-1 1*

-----1962----- MR 29, A-18-1
LONDON-BRITAIN, FRANCE, W. GERMANY & ITALY SIGN SPACE CONV. UNDER WHICH
EUROPE WILL SEND UP ITS FIRST SATELLITE FOR PEACEFUL PURPOSES

-----1967----- AP 17, A-13-2
MOSCOW-RUSSIA AGREED TO LAUNCH SATELLITES & ROCKETS JOINTLY
WITH ITS COMMUNIST-BLOC ALLIES -----1968----- D 6, D-10-1

CAPE KENNEDY-EUROPE'S NEWEST SATELLITE, "SKY-PAINTING" RESEARCH CRAFT
LAUNCHED BY US FOR \$4 MILLION

-----1972----- F1, C-8-3 RACE
NASA LAUNCHES \$6.6 MILLION SATELLITE BELONGING TO THE
EUROPEAN SPACE RESEARCH ORG. D 21, A-11-1

BRUSSELS--EUROPEAN COUNTRIES DECIDE TO BUILD THEIR OWN SATELLITE
LAUNCHER; BRITAIN NOT INTERESTED.

-----1977----- N 23, A-3-2
CAPE CANAVERAL-EUROPE'S 1ST WEATHER SATELLITE METEOSAT 1 LIFTS
OFF OK N) 22, A-3-2 1DOT
CC-MYSTERIOUS RADIO SIGNALS DELAY METEOSAT 1

-1981- JE 20, A-9-3
PARIS-W. EUR LAUNCHED 2 SATELLITES, ARIANE LAUNCHER

-1983- JE 17, A-2-1AM
KOUROU, FRENCH GUIANA-EUROPEAN ROCKET ORBITS 2 SATELLITES

--1984-- AG 5, A-2-1
PARIS- SATELLITE-LAUNCHING ARIANE ROCKET BLASTED OFF ON
ITS 10TH MISSION AFTER 4 TECHNICAL DELAYS, AG 3, A-10-1
---1992---

Cape Canaveral, Fla-Problem-plagued European satellite runs in
to more trouble, will try again to raise platform

SATELLITES: EXPLORER: COMMENT

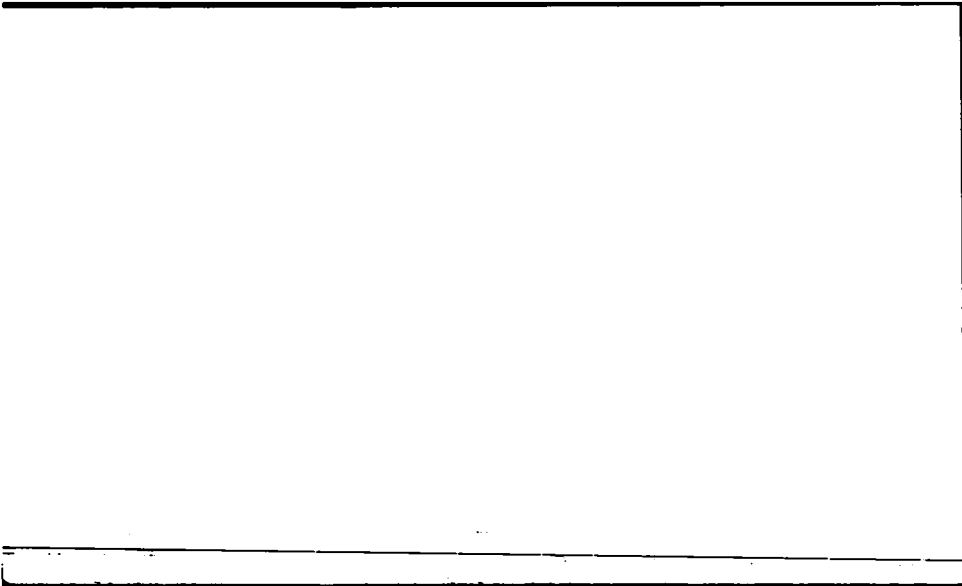
1958

F 2, A-2-2

MIAMI BEACH-FORMER DEF.SECY.WILSON COMMENTS ON SUCCESSFUL LAUNCHING OF
U.S. "MOON" ABOVE

F 2, B-4-3

AUGUSTA, G.-IKE SENDS PERSONAL CONGRATULATIONS TO ALL WHO HELPED LAUNCH
FIRST U.S.SATELLITE INTO ORBIT JA 31ST



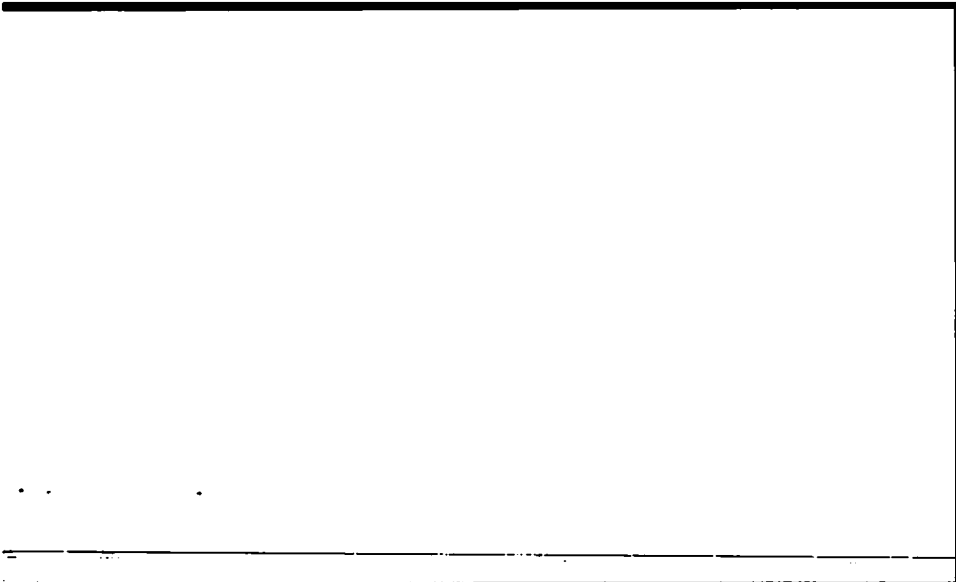
U.S. EMERGES FR. 16 WKS OF NAT'L FRUSTRATION-EDIT

F 3, 14-1

-----1958-----

F 6, 24-2

GENEROUS WORDS-EDIT.



SATELLITE: EXPLORER I

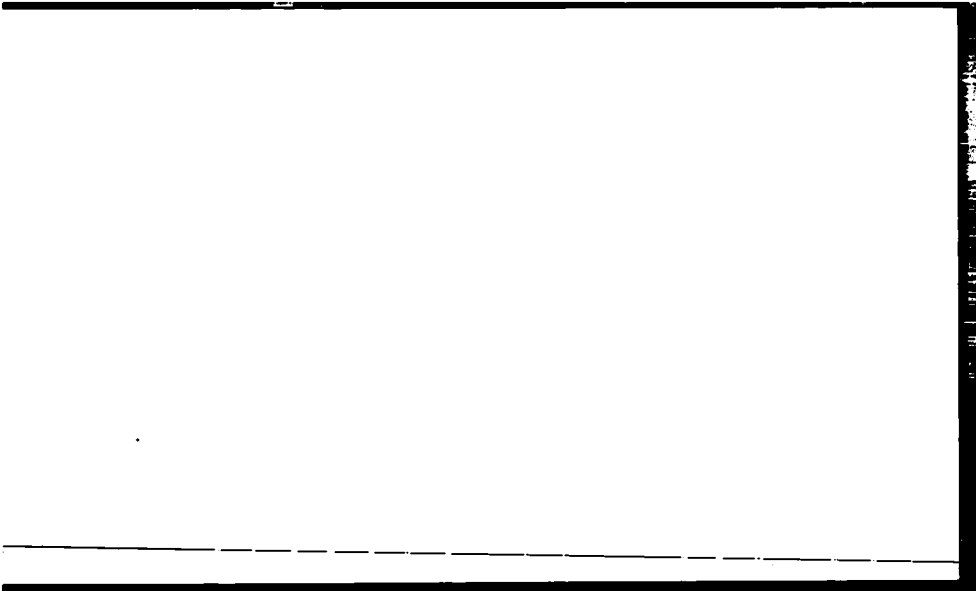
1970

MR 20, A-3-5 I DOT

TO ENTER EARTH'S ATMOSPHERE AND DISINTEGRATE AP 4

APR 1, C-1-3

BURNED TO DEATH REENTERING EARTH'S ATMOSPHERE



LAUNCHED TODAY AT 4:15 PM-DOUBT IT WENT INTO ORBIT-PIPP-MR 5, 1-7 LF
 HOW NEWS OF LAUNCHING EXPLORER II BROKE IN CAPITAL-BALL-MR 5, 1-8 LF
 6,000 EMPLOYEES CHRYSLER CHEER LAUNCHING ABOVE-MR 5, 1-7 LF
 SCIENTISTS BAFFLED AS ABOVE DISAPPEARS-PIPP-MR 6, 1-7
 CONVICTION GROWS ABOVE HAS PLUNGED TO DESTRUCTION-BALL-MR 6, 1-8
 DR JAMES AVAN ALLEN, GEORGE LUDWIG PUT COSMIC RAY INSTRUMENTS IN ABOVE-MR 6, 24-1
 MOST BRITISH PAPERS GIVE BANNER HEADLINES TO LAUNCHING ABOVE-MR 6, 24-1
 LONDON STAR HAS RHYMING COMMENT ON ABOVE-MR 6, 1-8
 MISSILE EXPERTS DISCUSS DISAPPEARANCE ABOVE-PIPP-MR 6, 24-5
 SOVIET PAPERS MAKE NO MENTION OF IT-MR 6, 27-2 5*
 NEWSMEN CALL IT SPOOKNIK I-MR 6, 1-7 1H
 REPORT PICKING UP SIGNALS FROM-MR 6, 24-5 1H
 BLAME FIZZLE OF 4TH STAGE OF ROCKET-BALL-MR 6, 1-7 LF
 REPORT MUCH OF EQUIPMENT READY FOR ANOTHER FIRING-MR 7, 2-1
 CAPE CANAVERAL, FLA.-U.S. READIES EXPLORER II-MR 26, 2-3

CAPE CANAVERAL-ARMY LAUNCHED ABOVE TODAY-PIPP

OFFICIALLY NAMED EXPLORER III

CAPE CANAVERAL-ALL 4 STAGES OF FIRING FUNCTIONED PROPERLY -PPPP

ARMY PUTS ABOVE INTO ORBIT-B ALL

CAPE CANAVERAL, FLA.-UNUSUAL ORBIT TO OPEN NEW SCUDY VISTAS-PIPP

REDAR RAPIDS-RADIO OF EXPLORER III "BACK ON AIR"

TO DIE LATE THIS MONTH SAYS SMITHSONIAN ASTROPHYSICAL OBSERVATORY

NEAR ITS DOOM

SECOND TRANSMITTER IN ABOVE GOES DEAD

SMITHSONIAN OBSERVATORY SAYS ABOVE WILL DIE IN WEEK

END DUE JE 27

ASK WATCH THRUOUT WORLD FOR IMPENDING END OF ABOVE-
REPORT ABOVE DOWN

MR 26, 1-6 EXTRA

MR 26, 2-2 5*

MR 26, 1-7 LF

MR 26, 1-8 LF

MR 27, 11-1

MY 22, 46-7 1H

JE 2, 15-7

JE 12, 45-7

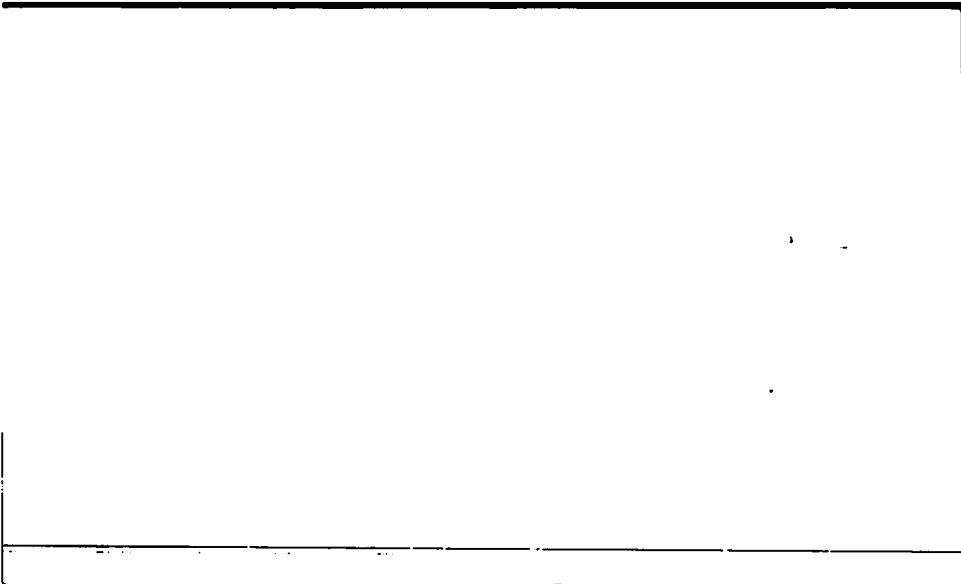
JE 18, 12-8

JE 22, A-10-6

JE 25, 51-6 1H

JE 28, 2-1

JE 29, A-1-65*MO



ABOVE IS IN ORBIT TODAY; WEIGHT IS 38.43 LBS.; AIMED TO CROSS RUSSIA,

JL 26, 1-7 H M02

JL 26 1-7

CAPE CANAVERAL, FLA.-JUPITER-C. ROCKET WITH ABOVE ON TIP WEIGHT 38.43 LBS. WAS LAUNCHED TODAY BY ARMY

JL 27 A-1-6

38 LB. SATELLITE TO CROSS RUSSIA-ALL

JL 27, A-2-3

ABOVE IS HEAVIEST U.S. SATELLITE TO BE LAUNCHED

JL 27, A-2-3

4 SATELLITES NOW CIRCLE EARTH, 3 FROM U.S.

JL 28, 9-2

OFFICIALS PLEASED OVER OVE'S PERFORMANCE

JL 29, 8-1

IOWA CITY, IOWA-RADIO SIGNALS FROM ABOVE CONFIRM PRESENCE OF INTENSE RADIATION

JL 30, 25-8

MUNTSVILLE, ALA.-CLOCK ABOVE AS MOVING THRU SPACE AT 16,250 MPH

Ag 5, 2-4

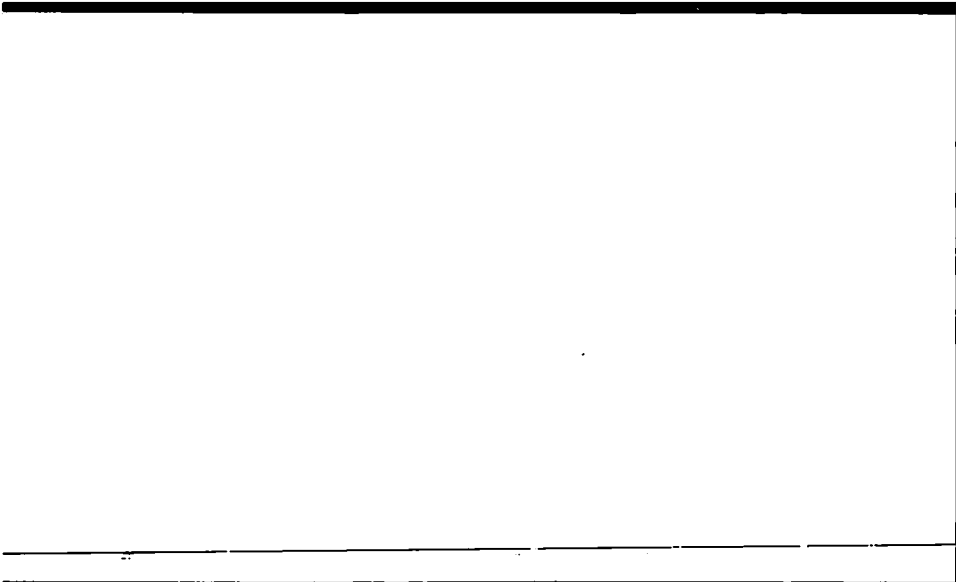
IOWA CITY, IOWA- INFORMATION FROM ABOVE'S TAPES IF STARTLING

Ag 22, 35-3 1H

IOWA CITY-GEO. LUDWIG, WHO DESIGNED INSTRUMENTS FOR EXPLORER IV, SAYS RADIATION WOULD KILL SPACEMAN ON MOON IN MATTER OF HOURS

O 27, A-20-4

FELL FR. ORBIT

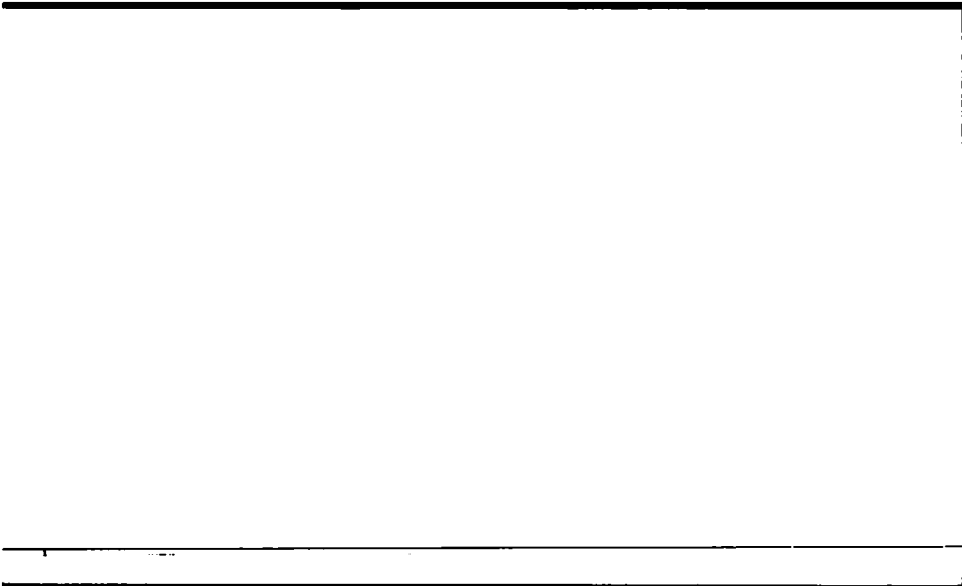


SATELLITES: EXPLORER V

1958

Ag 25, 25-1

WHAT HAPPENED TO ABOVE



STAELLITES - EXPLORER VI

1959

MOSCOW GOES ON DISPLAY AT AMERICAN EXHIBITION

AG 20, 1-2

CAMBRIDGE, MASS. - LIFE OF ABOVE TO BE 2 YRS INSTEAD OF 20
TAKES FIRST PICTURE OF EARTH BY TV 17,000 MILES UP

AG 21, 10-6
S 28, B-15-1

CAPE CANAVERAL, FLA. - B-47 BOMBER FIRED ALARM NEAR ABOVE

O 13, C-14-7 1H

CAPE CANAVERAL, FLA. - 60 TON JUNK II BLASTS A "KITCHEN SINK" SATELLITE
INTO SKY TODAY

O 13, R-13-1 5*

CAPE CANAVERAL, FLA. - SPINNING ABOUT EARTH ONCE EVERY 101 MIN.

O 14, C-5-6

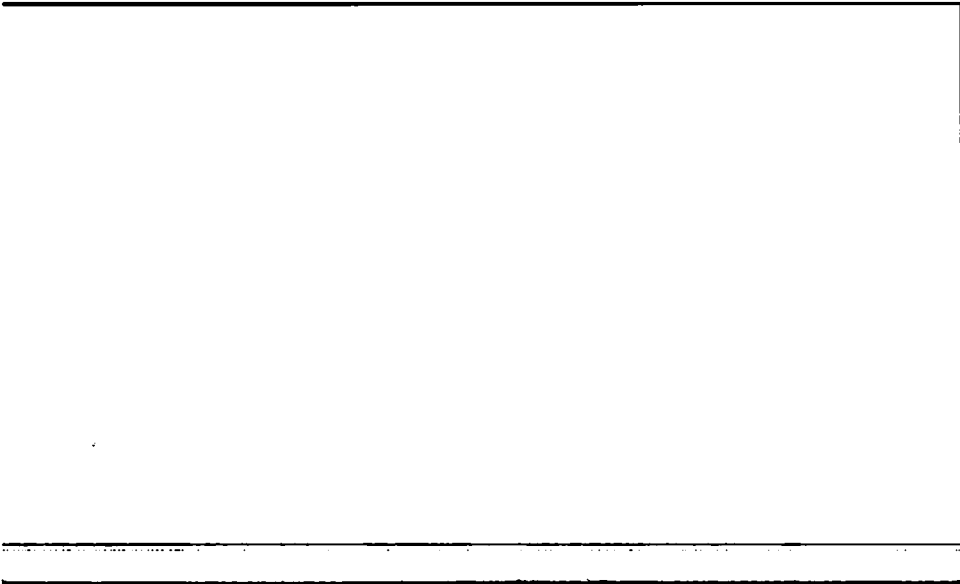
O 16, R-13-8

FED. SPACE AGENCY REPORTS THAT EXPLORER VI, THE PADDLEWHEEL SATELLITE
LAUNCHED AG 7TH WENT SILENT 10 DAYS AGO

O 15, R-5-5 1H

SEEMS TO BE SETTLING INTO AN ORBIT A BIT FLATTER THAN ITS LAUNCHERS

WANTED

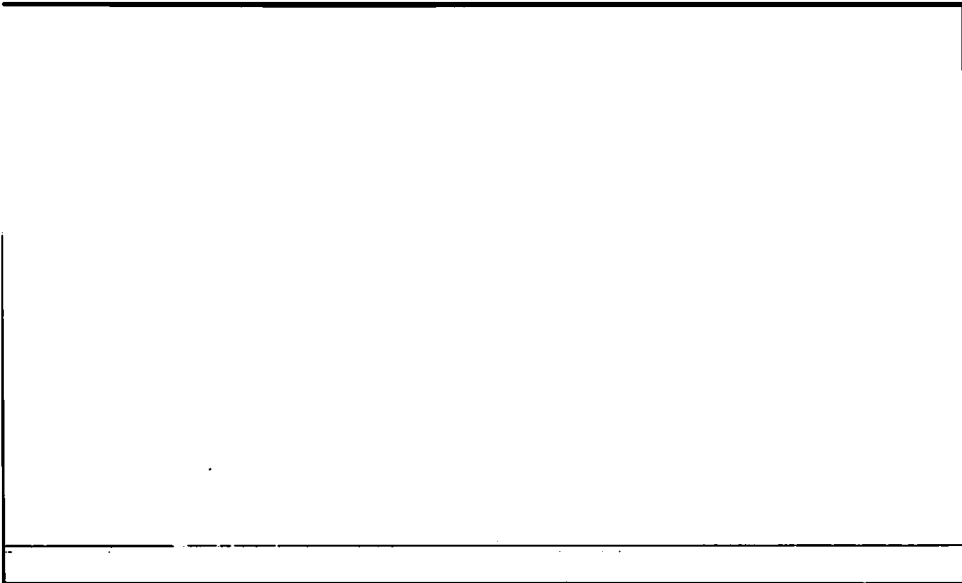


SATELLITES - EXPLORER VII

1959

0 18, B-4-5

HUNTSVILLE, ALA.-LAUNCHED 0 13TH, FOLLOWING PATTERN

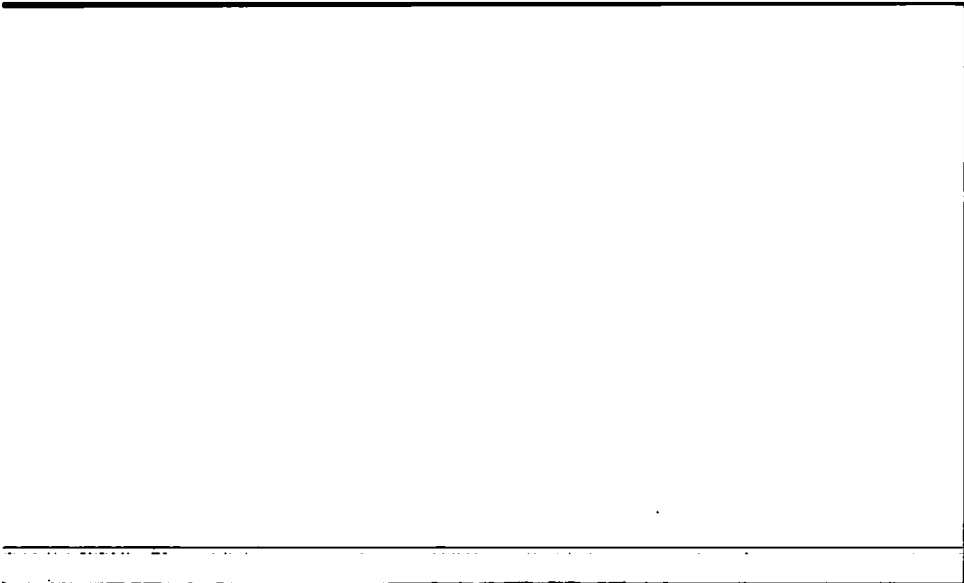


SATELLITES: EXPLORER VIII

1960

CAPE CANAVERAL-WHIRLS INTO FORIT TODAY

N 3, A/1-8



U.S. PLANS SPACE SHOT

F 3, A-1-1 LF

U.S. LOFTED A12 FOOT POLKA-DOT SPHERE TOWARD ORBIT TODAY ON NOSE OF A
SOLID FUEL SCOUT ROCKET-RALL

F 16, A-1-1

F 16, A-1-1 LF

U.S. LOSES POLKA DOT SPHERE IN SPACE-RALL

F 17, A-10-1

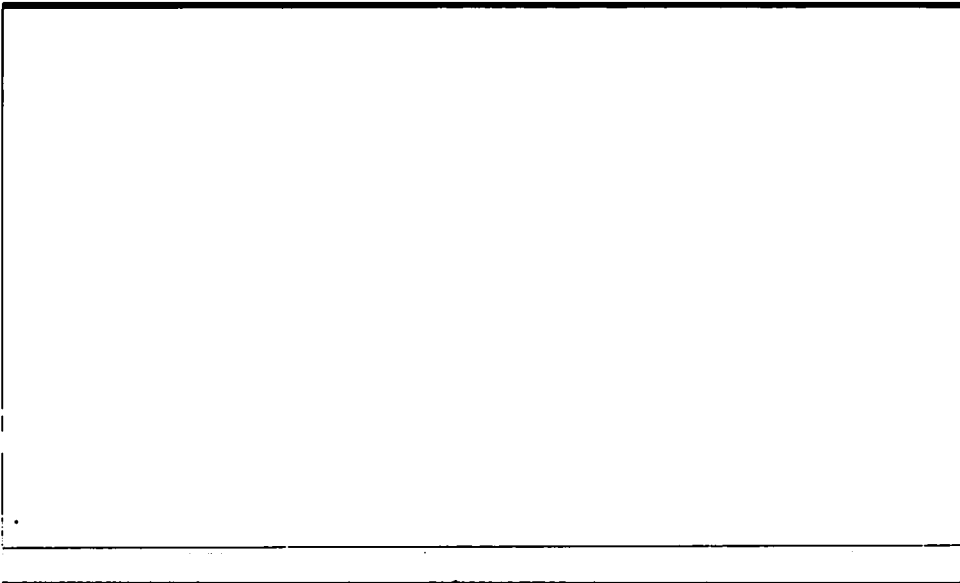
SKIES COMBED FOR MISSING ABOVE

F 18, A-1-2

BALLOON SATELLITE FOUND SAILING THRU SPACE-NAME IT EXPLORER IX

F 19 A-21-8 3*

CAMBRIDGE, MASS.-ABOVE IS TRACKED



THOR-DELTA ROCKET KNIFES SKYWARD CARRYING ABOVE

MR 25, A-1-7

CANAVERAL-SATELLITE MAPS ASTRONAUT COURSE

MR 26, A-1-4

MR 27, A-19-1

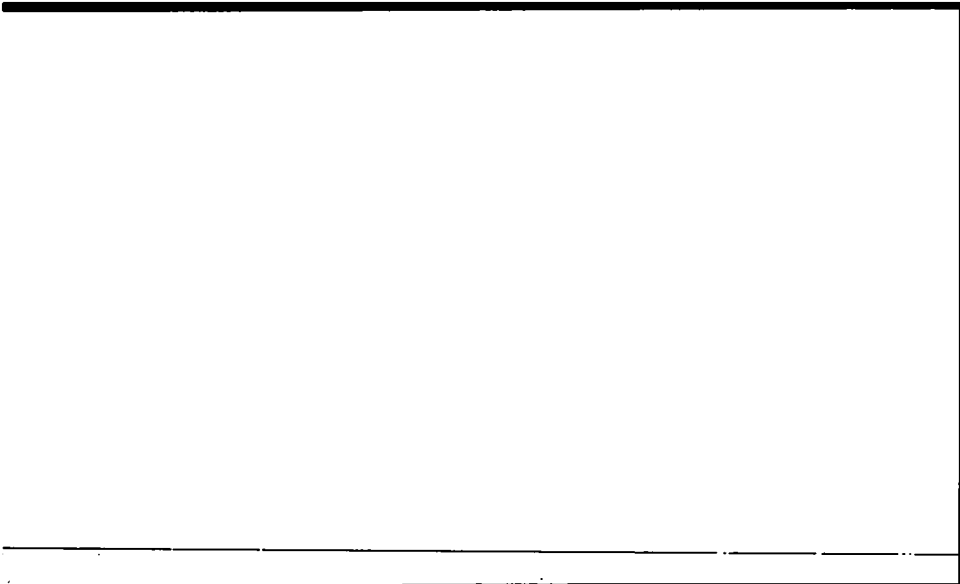
HEADS AWAY FROM EARTH

MR 28, B-12-6

BRITAINS RADIO-TELESCOPE TRACKS ABOVE

MR 27, A-19-1 FIN 5

FLIES 123,000 MILES

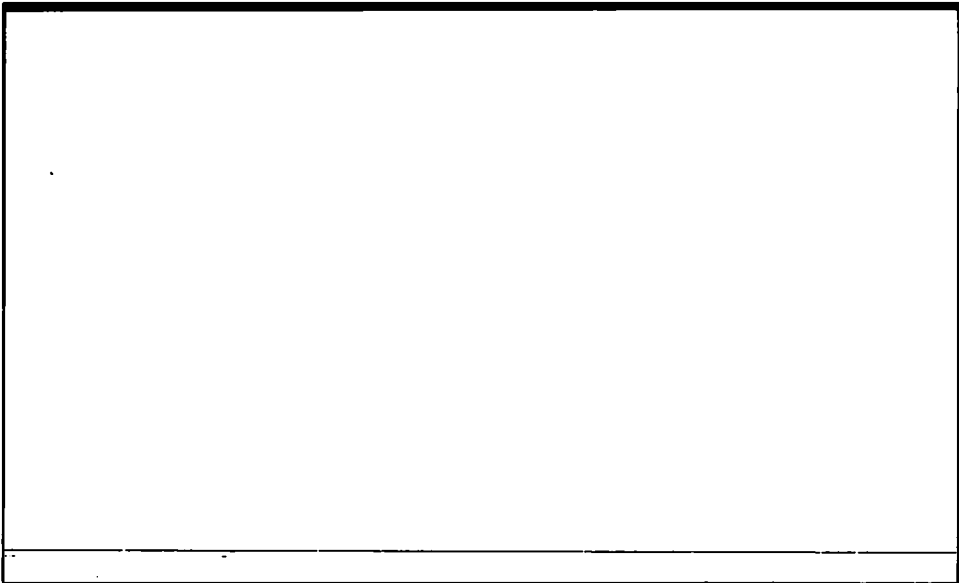


SATELLITES - EXPLORER XI

1961

VAULTS SKYWARD ON JUNE 11 ROCKET-FIRST ASTRONOMICAL OBSERVATORY IN SPACE

AP 27, A-1-4



SATELLITES : EXPLORER XII

1961

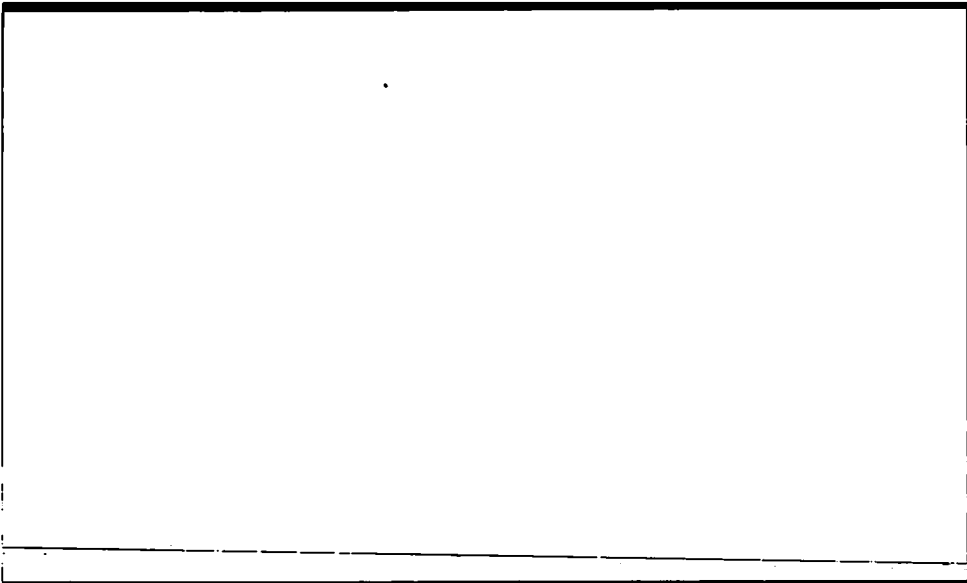
**CAPE CANAVERAL-LAUNCHED & ORBITTED TO GATHER INFORMATION OF MAGNETIC
FIELDS & RADIATION FROM SUN
SENDS BACK EXCELLENT SIGNALS**

AG 16, B-2-1

AG 16, A-1-4 FIN 5

AG 30, B-4-6

TO STUDY MICROMETEORITES-RE-ENTERS ATMOSPHERE & BURNED

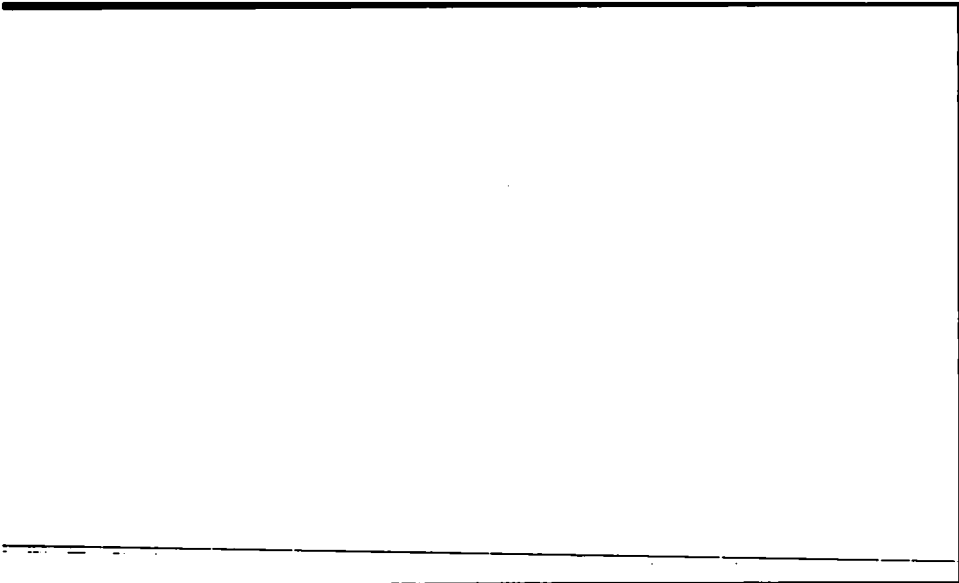


SATELLITES : EXPLORER XIII

1961

SUCCESSFULLY LAUNCHED INTO ORBIT ABOVE "BEER CAN" SATELLITE
ABOVE ORBITTED TO STUDY SPACE BULLETS

AG 25, A-1-8 LF
AG 26, A-2-1



1962

SATELLITES - EXPLORER XV

0 28, 0-10-2 5*Mo1

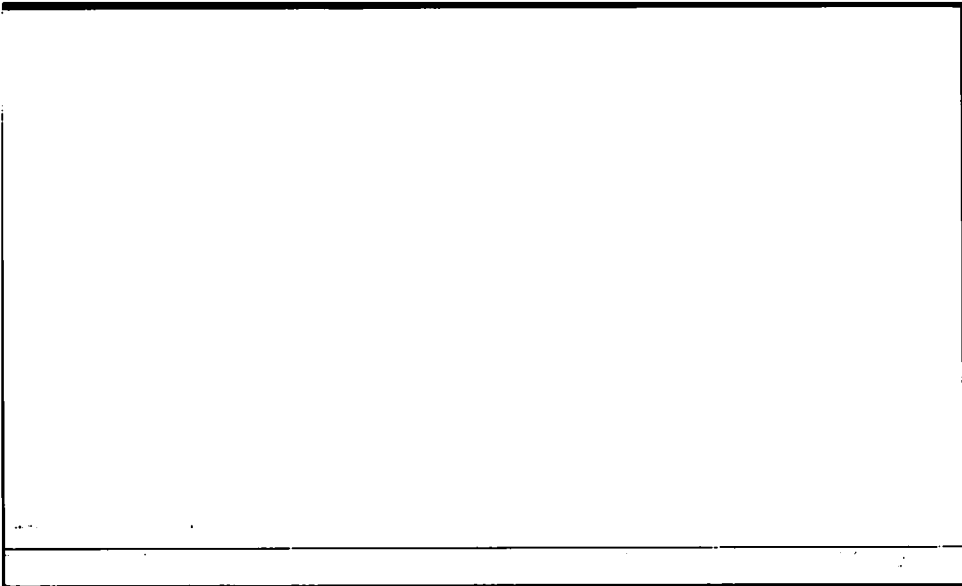
GOES INTO SUCCESSFUL ORBIT TO SURVEY ARTIFICIAL RADIATION BELT CREATED
BY US HIGH ALTITUDE NUCLEAR EXPLOSION LAST SUMMER 0 29, 0-8-4
SCIENTISTS SEEKING TO DETERMINE WHY ABOVE IS SPINNING 10 TIMES TOO
FAST IN ORBIT

SATELLITES - EXPLORED XVI

1962

D 17, A-14-7

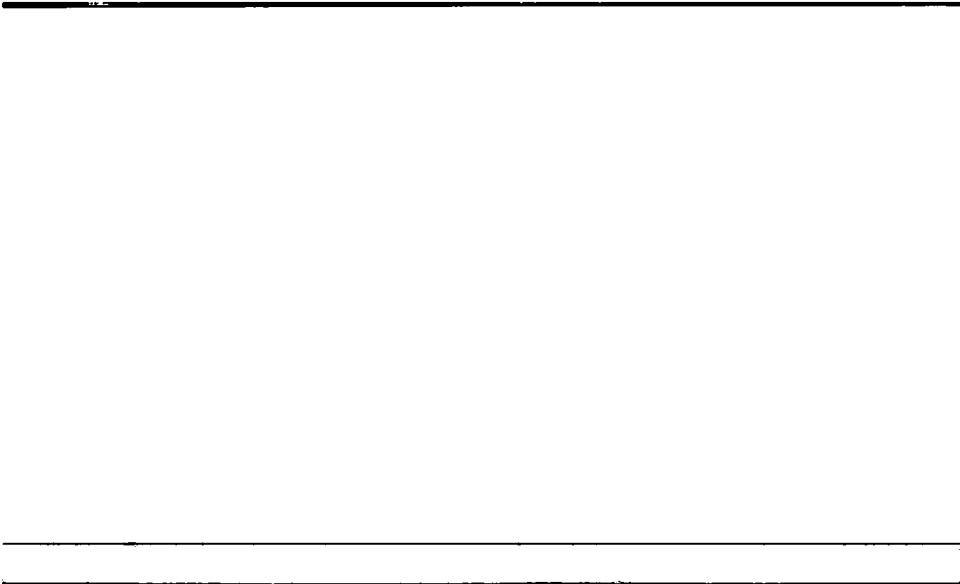
WHIPLES INTO ORBIT-MAIN MISSION IS TO DISCOVER MORE ABOUT WHAT METEOR-
ROIDS DO TO SPACE VEHICLES & SOLAR CELLS



1963

SATELLITES: EXPLORER XVII

CAPE CANAVERAL-LAUNCHING OF ABOVE POSTPONED MR 28 BECAUSE OF PAYLOAD TROUBLE MR 28, A-20-5 LF
AP 3, B-4-1
CAPE CANAVERAL-LAUNCHED AP 2 WITH SUCCESS-RECEIVING GOOD SIGNALS FROM ABOVE THAT IS CIRCLING WORLD EVERY 96 MINUTES AP 20, A-2-4
ANN ARBOR-SOUNDING ROCKET FIRED BY U OF M ENGINEERS COMES WITHIN 25 MILES OF INTERCEPTING ABOVE

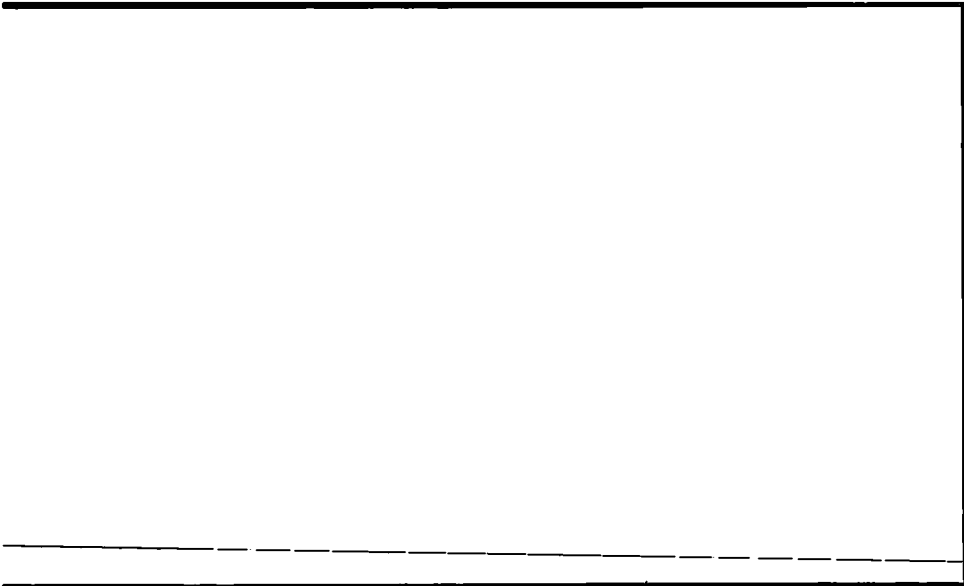


SATELLITES - EXPLORER 18

1963

N 30, 8-4-6

WASH.-EXPECTED TO FALL 15,000 MILES SHORT OF INTENDED DISTANCE IN SPACE

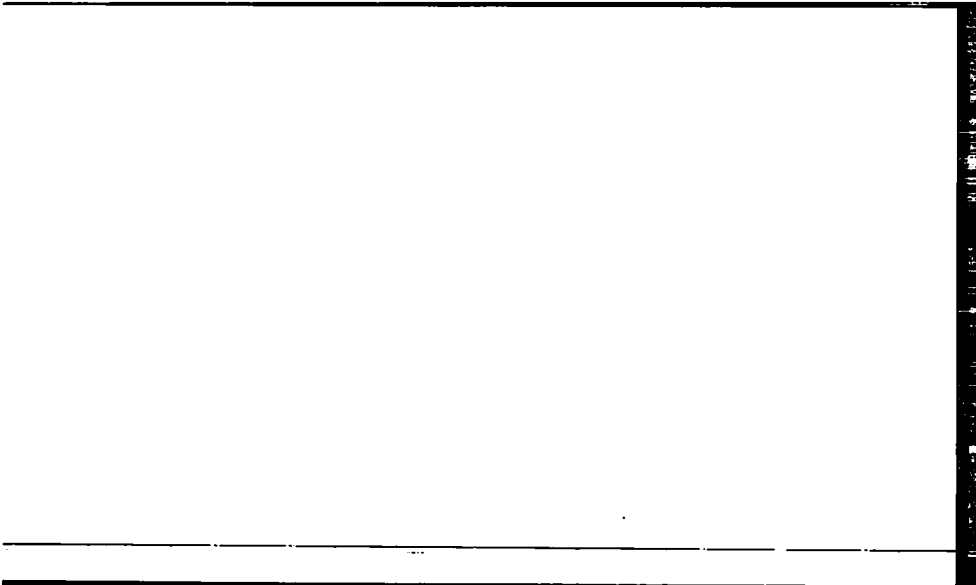


1965

SATELLITES - EXPLORER-22

F 3, A-1-1 6*

PARIS-FRENCH SCIENTISTS BOUNCE LASER BEAM OFF ABOVE, 1,015 MILES IN SPACE

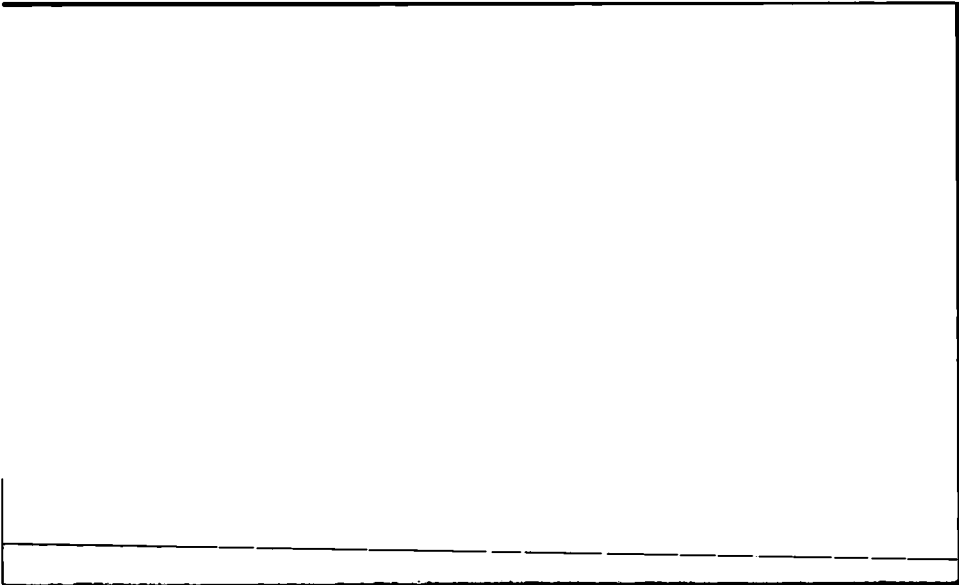


SATELLITES : EXPLORER 26

1964

D 21, B-3-4

CAPE KENNEDY, FLA-ORBITED TODAY TO MAP RADIATION BELTS ENCIRCLING THE
EARTH & CHART FLIGHT PATHS FOR APOLLO MOON SHIPS



SATELLITES - EXPLORER 33

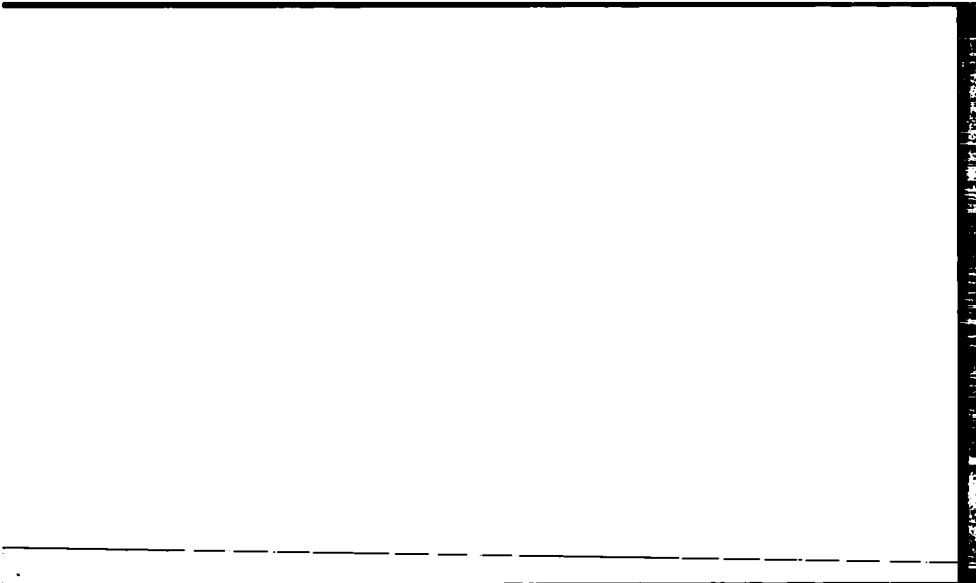
1966

CAPE KENNEDY-ATTEMPT TO SEND ABOVE ON 3 DAY TRIP WAS CALLED OFF JL1
AS WAS TRAVELING 36 MILES AN HR TOO FAST IN EARTH ORBIT

---1967---

DR JAS VAN ALLEN SAYS FAILURE OF ABOVE PROVES EXISTENCE OF INTERPLAN-
ETARY SHOCK WAVE

WASH-ENGRS REPAIRED ABOVE SATELLITE 252,900 MILES AWAY



SATELLITES : EXPLORER 35

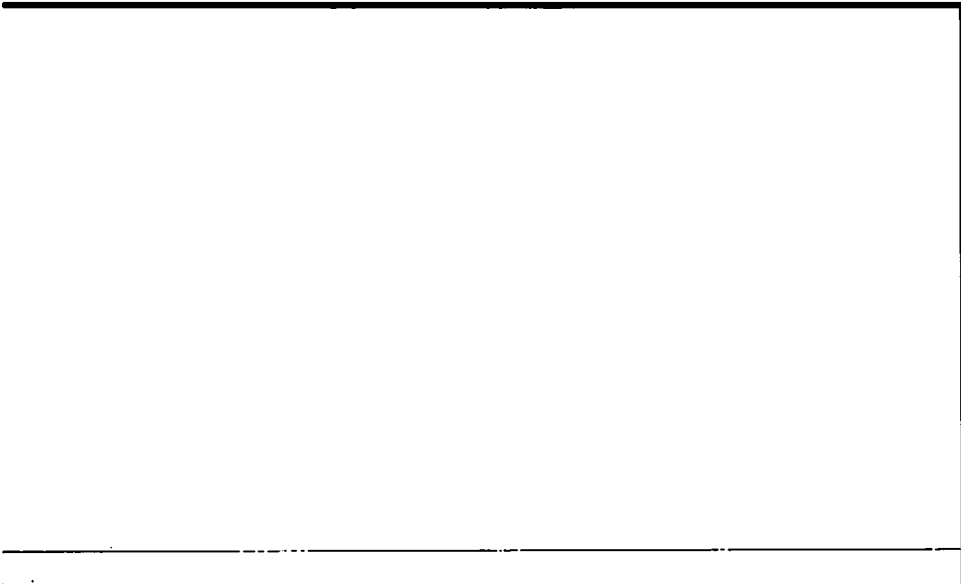
1967

JL 19, A--6-5

CAPE KENNEDY--STREAKS TOWARD MOON ON MISSION VIEWED AS LAST
CHANCE TO LEARN OF RADIATION HAZARDS

JL 23, A-16-1

¹CAPE KENNEDY--KICKED INTO FLAWLESS RING AROUND MOON JL 22 &
REPORTED RADIATION & COSMIC DUST



SATELLITES: EXPLORER 38

1968

WASH-SIGNALS TO ITS RADIO ASTRONOMY SOME 3,640 MILES OUT IN SPACE,
EXTENDED RECORD LENGTH OF 600 FEET
WASH-EXTENDED ANTENNA TO 1,500FEET

S 25, B-7-1

O 10, A-21-2

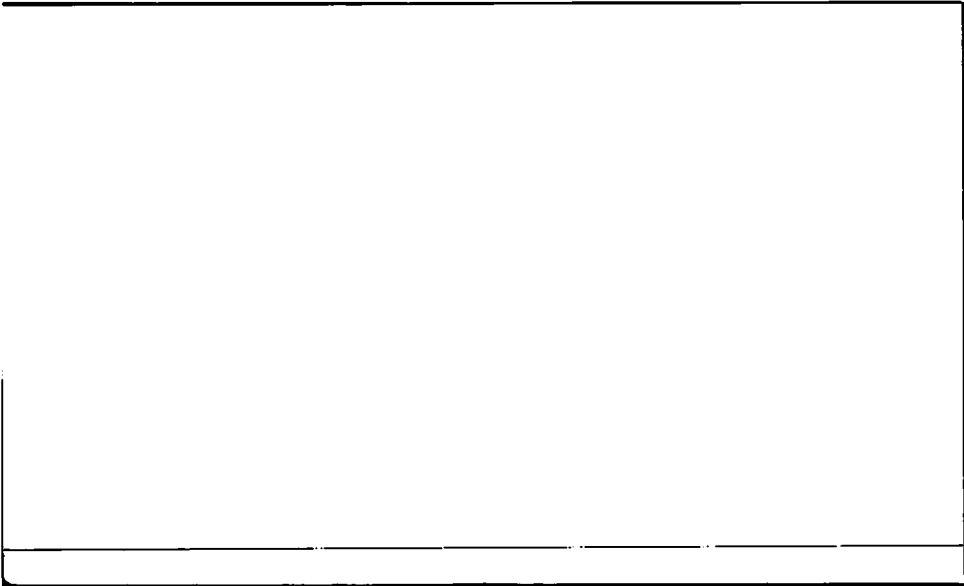


SATELLITE EXPLORER 42

1971

MR 14, A-18-1

**CAPE KENNEDY- EXPLORER 43, FIRST SCIENTIFIC SATELLITE TO
CARRY ITS OWN COMPUTER PUT INTO ORBIT.**



1972

SATELLITE : EXPLORER 46

AG 14, A-4-T RACE

Wallops Island VA--LAUNCHED TO STUDY HAZARDS THAT TINY SPACE
PARTICLES MAY POSE TO SPACECRAFT ORBITING EARTH.

15

1. 2

2

●●●

1972

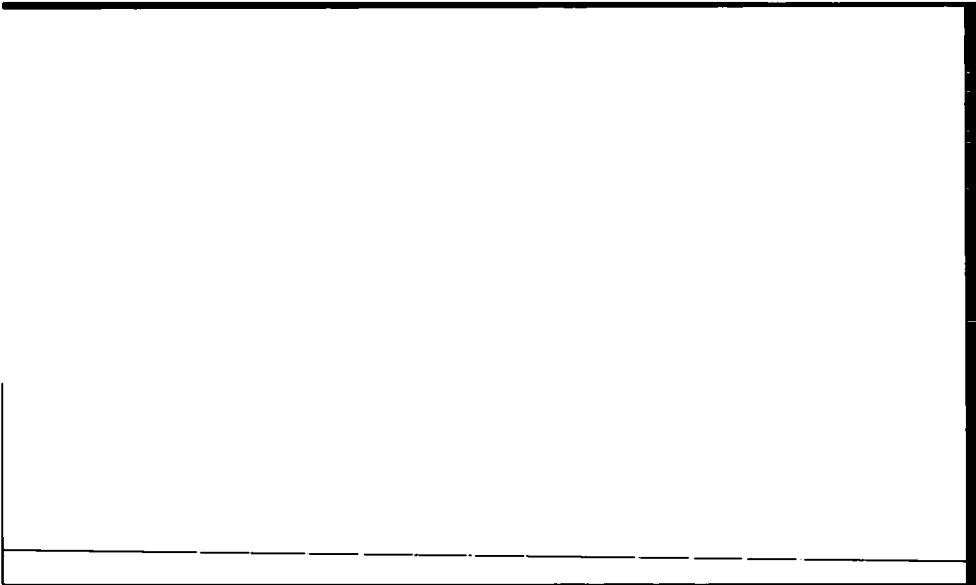
SATELLITE : EXPLORER 8 47

S 18, B-3-1

CAPE KENNEDY--SET TO LAUNCH FOR INFO GATHERING ABOUT SPACE
ENVIRONMENT BETWEEN EARTH AND MOON.

S 24, A-1-1 HOME

CAPE KENNEDY--LAUNCHED.

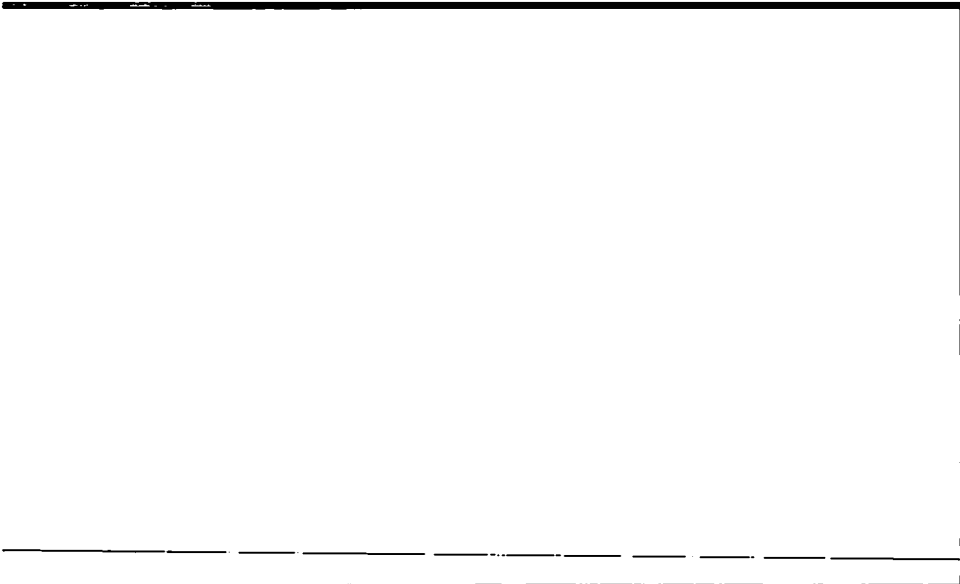


1973

SATELLITE : EXPLORER # (49

JE 11, A-1-23

SPACE PROBE HEADS FOR MOON .



- U.S. LAUNCHES ABOVE, INTO SPACE JA 31ST ; LAUNCHED BY JUPITER-C MISSILE
OF ARMY-BALL F 1, 1-7
- ABOVE TALKS CONTINUOUSLY DELIVERING SPACE INFORMATION TO EARTH IN CODE
BLAKELESS F 1, 1-2
- AUGUSTA, GA. - GIVEN NEWS ABOVE LAUNCHING IN 3 WORDS WAS PRES. IKE; WORDS
ARE "IT'S IN ORBIT" F 1, 1-3
- DET. CHRYSLER MISSILE PLANT & ITS CONSTRUCTION OF JUPITER-C. THAT "KICK
D " ABOVE INTO SPACE-LEVITT F 1, 1-6
- CAPE CANAVERAL, FLA. - ABOVE LAUNCHED THRU AID OF JUPITER-C GUIDED MISS-
ILE OF ARMY'S HERE JA 31, AT 10:48 O'CLOCK-UBELL-EVENING F 1, 1-2
- R. WERNHER VON BRAUN & HIS WORK TO AID AMERICAN LAUNCH ABOVE-WALKER F 1, 5-1
- FACTS ON THE JUPITER-C, CARRIER MISSILE THAT LAUNCHED ABOVE F 1, 5-1
-
- SEN. KEFAUVER COMMENTS ON LAUNCHING F 1, 5-1
- IAJ. GEN. JOHN MEDARIS PRAISED FOR LAUNCHING ROLE-KERWIN F 1, 5-4
- HOUSE GOP WHIP, ARENDS CALLS LAUNCHING OF ABOVE "GOOD NEWS" F 1, 5-4
- ARMY'S VICTORY ERASES NAVY'S VANGUARD FIZZLE F 1, 5-6

-----1958-----

F 1, 5-8

VICE PRES. NIXON COMMENTS ON LAUNCHING
SCIENTISTS OF WORLD CALL ABOVE "1958 ALPHA" GREEK WORD MEANING "FIRST" IN '58"

FF 1, 5-6

RUSSIA CALLS U.S. MOON "GOOD NEWS"

F 1, 7-1

CAPE CANAVERAL, FLA.-HOW MINOR HITCH-DELAYED FIRING OF MOON 15 MINUTES

F 1, 7-1

FREE WORLD CAN HITCH ITS HOPES TO ABOVE-BARNES

F 1, 7-1

CAPE CANAVERAL, FLA.-ABOVE IS NO ACROBAT IN SPACE

F 1, 7-3

HUNTSVILLE, ALA.-THIS TOWN CHEERS LAUNCHING OF ABOVE

F 1, 7-3

ABOVE WILL NEVER PASS OVER RUSSIA

F 1, 7-5

FACTS ON THE RIVAL MOONS OF U.S. & BOTH OF RUSSIA

F 1, 7-5

CAMBRIDGE, MASS.-MOONWATCH TEAMS GO INTO ACTION

F 1, 7-6

CALENDAR OF EVENTS LEADING UP TO FIRING OF ABOVE

F 1, 18-3

DETROITERS SEE ABOVE LOW IN SOUTHERN SKY

F 1, 18-3

PANAMA-COL. JOHN WICKERSON, CHAMPION OF JUPITER-C THAT LAUNCHED ABOVE
IS SILENT HERE

F 1, 18-5

U OF M ROCKET EXPERTS SAY ABOVE DATA IS INVALUABLE-SHOENFELD

F 1, 18-4

REAL BIRTHPLACE OF SATELLITE IS JETPROPULSION LAB. AT CALIF. INST. OF
TECH.-RIPLEY

F 1, 18-6

DR. JOHN P. HAGEN PRAISES ARMY ON LAUNCHING WHEN HIS FOR NAVY FAILED

F 1, 18-7

RADIO POSTS KEEP TUNED TO SIGNAL

F 1, 18-8

SATELLITES: EXPLORER: MISC.

1958

FIRST U.S. SATELLITE LAUNCHED JA 31ST-BALL
SEE BOOST IN OUTPUT OF JUPITER-C. ROCKET NOW THAT IT HAS LAUNCHED ABOVE-M. HAYDEN
TWO NAMES GIVEN ABOVE "EXPLORER" & "ALPHA"
ABOVE IS AIDED BY EARTH'S SPIN
NAVY CONGRATULATES ARMY ON SUCCESSFUL LAUNCHING
6 MAIN TASKS GIVEN SATELLITE-BLAKESLEE
RUSSIAN PLAY DOWN LAUNCHING
KEY FACTS ABOUT U.S. SATELLITE
COL. JOHN NICKERSON WHO BACKED JUPITER-C. TO LAUNCH SATELLITE IS TOLD TO KEEP QUIET
MAP SHOWING COURSE OF SATELLITE; DETROIT HAS LITTLE CHANCE OF SEEING IT
DETROIT PROUD ON ITS ROLE IN LAUNCHING
MAGNUS VON BRAUN, OF TROY, MIC. TELLS OF NAZI EXPERTS THAT JOINED U.S. IN MAKING ABOVE
SCIENTISTS AT U OF M. FEAR PERILS OF SPACE WOULD TEAR MAN APART-SHOENFELD
BOTH PARTIES PRAISE ARMY ON LAUNCHING ABOVE
GD. RAPIDS-HAM RADIO OPERATOR HERE ARTHUR FERGUSON SAYS HE PICKED UP SIGNALS

F 2, A-1-5

F 2, A-1-8

F 2, B-4-2

F 2, A-2-3

F 2, B-5-1

F 2, B-5-1

F 2, B-5-5

F 2, B-5-3

F 2, B-13-1

F 2, B-13-2

F 2, B-13-5

F 2, B-13-6

F 2, C-24-1

F 2, C-24-1

F 2, C-24-5

---1958--- F 2, 8-13-1 3°
 CAMBRIDGE, MASS.-DR.G.F.SCHILLING SAYS PATH TO RANGE 70 DEGREES
 F 3, 1-1
 REPORT SATELLITE WAS MISSING 7 MIN.2 HRS.AFTER LAUNCHING
 F 3, 8-2
 DR.JOSEF RUST SAYS LAUNCHING OF U.S.SATELLITE WAS NO SURPRISE
 F 3, 10-2 5°
 DR J ALLEN HYNEK REPORTS ABOVE SEEN WITH NAKED EYE F 4, 25-3
 EASTERN AIR LINES PILOT FINDS CLUE TO JUPITER C ROCKET-SEES IT PLUNGE
 INTO SEA F 4, 1-7
 EVIDENCE GAINED FR ABOVE SHOWS IT'S SAFE TO RIDE IN TO MOON-F 4, 51-3
 ARMY,AIR FORCE PLAN MORE SPACE PROJECTS EVEN MORE IMPRESSIVE-
 F 6, 3-5
 CHRYSLER ABOVE EXPERTS TO AID LINCOLN HIGH SCHOOL STUDENTS IN FERN-
 DALE,BUILD METHOD OF TRACKING U.S.SATELLITE-NOBLE F 6 39-1
 HUCK MFGRING CO, & ITS MAKING OF PARTS FOR ABOVE-WATTS F 9, C-24-2
 FT.KNOX,KY.-COMMENT ON LAUNCHING OF ABOVE HERE-MARSHALL
 F 10, 13-3 1H
 HUNTSVILLE,ALA.-ARMY SAYS ABOVE TO HELP REDUCE ERRORS IN MAPPING EARTH
 F 13, 3-8
 ONE OF 2 RADIOS IS DEAD F 16, ROTO 7
 REDSTONE MISSILE PRODUCED AT CHRYSLER PLANT IN STERLING TWP.USED IN
 FIRING OF ABOVE-PIPP

ADELAIDE-AMER.SATELLITE, ABOVE, WAS SIGHTED FOR FIRST TIME IN AUSTRALIA YESTERDAY BY TEAM AT ADELAIDE

F 17, 23-2

F 20, 52-3

CAMBRIDGE, MASS.-STAYS IN SOUTHERN SKIES

F 24, 19-5

ROME-RADIO RECEIVING STATION OUTSIDE ROME REPORTS PICKING UP ABOVE'S SIGNALS

MR 5, 1-7LEX

EXPLORER II LAUNCHED-DOUBT IT HAD GONE INTO ORBIT-PIPP-

MR 6, 24-4 1H

I ON 415TH TRIP

MR 24, 1-7

ARMY ATTEMPT TO LAUNCH ABOVE IS IN PROSPECT THIS WEEK

AP 4, 3-4

SPACE RADIATION AT SAFE LEVEL, SATELLITE SHOWS

AP 20, C-23-3

DR JAMES VAN ALLEN SAYS SATELLITES REVEAL SECRET RAY DATA

---1959---

J 13, 7-1

HUNTSVILLE, ALA.-ARMY BALLISTIC MISSILE AGENCY SAYS EXPLORER I WILL CONTINUE TO ORBIT UNTIL AUGUST 1962

---1961---

N 16, R-7-1

ABOVE TELLS SCIENTISTS HOW EARTH SCATTERS HEAT-HENRY

---1962---

O 3, B-8-8

SATELLITE SENT UP 02 TO TEST RADIATION

--1963--

M 10, B-12-7

SPACE AGENCY TO SEND INTERPLANETARY EXPLORER ALMOST 3 QUARTERS OF WAY TO MOON TO MEASURE MAGNETIC FIELDS, COSMIC RAYS & SOLAR WINDS - TO BE LAUNCHED FROM CAPE CANAVERAL M12

--1965--

JA 31, B-10-1 2*

82315 7TH BIRTHDAY OF WORLD'S OLDEST SATELLITE STILL IN ORBIT, ABOVE EXPLORER 1,

MY 29, A-2-6

CAPE KENNEDY-US ROCKETED "PHYSICS LAB" SATELLITE-EXPLORER IMP, ON VOYAGE PLANNED TO TAKE IT HALFWAY TO MOON

MY 30, A-7-1

CAPE KENNEDY-IMP 3 HURLED INTO SPACE-IS "FLYING PHYSICS LAB" WITH OFFICIAL DESIGNATION OF EXPLORER 28

N 29, A-14-1

VANDENBERG-EXPLORER 31 LAUNCHED AS TWIN WITH CANADIAN ADOLETTE 2

; -1966--

MY 11, A-1-6 6*

CAPE KENNEDY-DEFECTIVE SPACECRAFT ANTENNA COUPLING FORCED INDEFINITE POSTPONEMENT OF LAUNCHING OF THE EXPLORER.

MY 23, B-5-7 6*

CAPE KENNEDY FLA-IS SPACE AGENCY POSTPONED FOR AT LEAST 24 HRS MY 24 LAUNCH OF ATMOSPHERE-MAPPING EXPLORER 32

MY 25, A-1-10 XXXX

CAPE KENNEDY-ANOTHER ABOVE SATELLITE SUCCESSFULLY BLASTED OFF TODAY

MY 25, A-22-8 6*

CAPE KENNEDY-BLASTED OFF MY 25

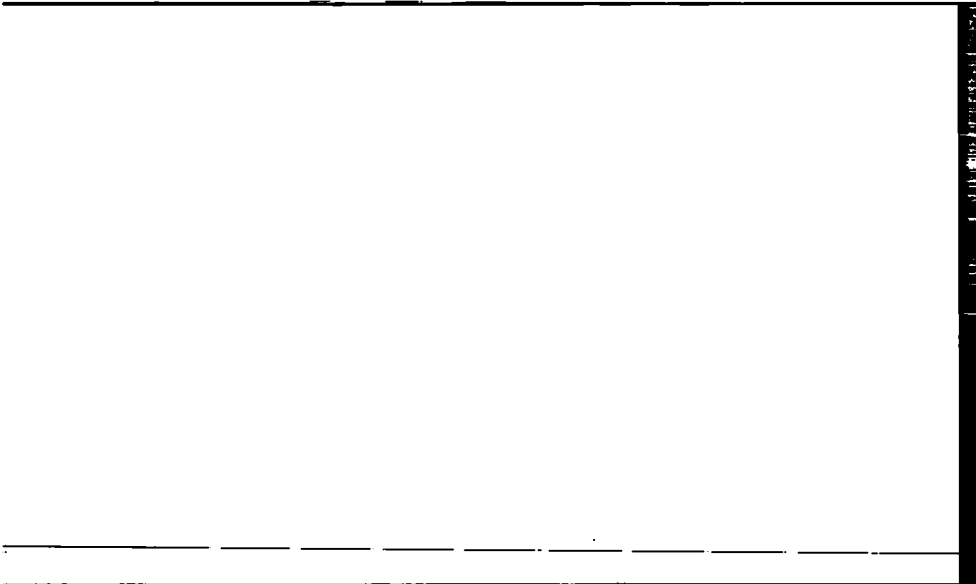
JE 30, A-1-5

CAPE KENNEDY-DRIVING RAIN FORCED A DAY'S DELAY IN LAUNCH OF EXPLORER TOWARD ORBIT AROUND MOON

SATELLITES: EXPLORER: MISC.

1970

F 1, B-7-1
12 YR ORBIT PF EXPLORER 1 TO END- PIPP.

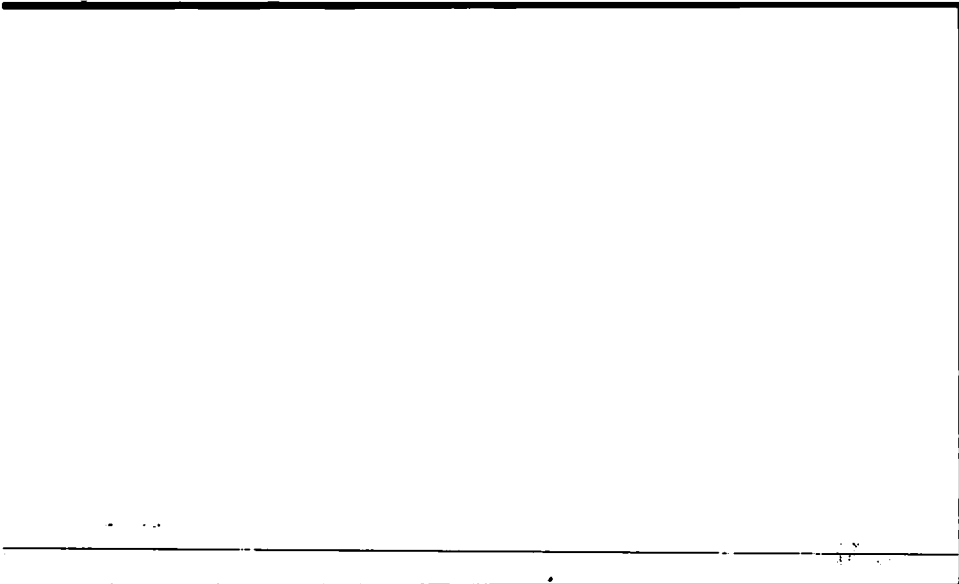


1962

SATELLITES - FERRET

0 27, A-3-3

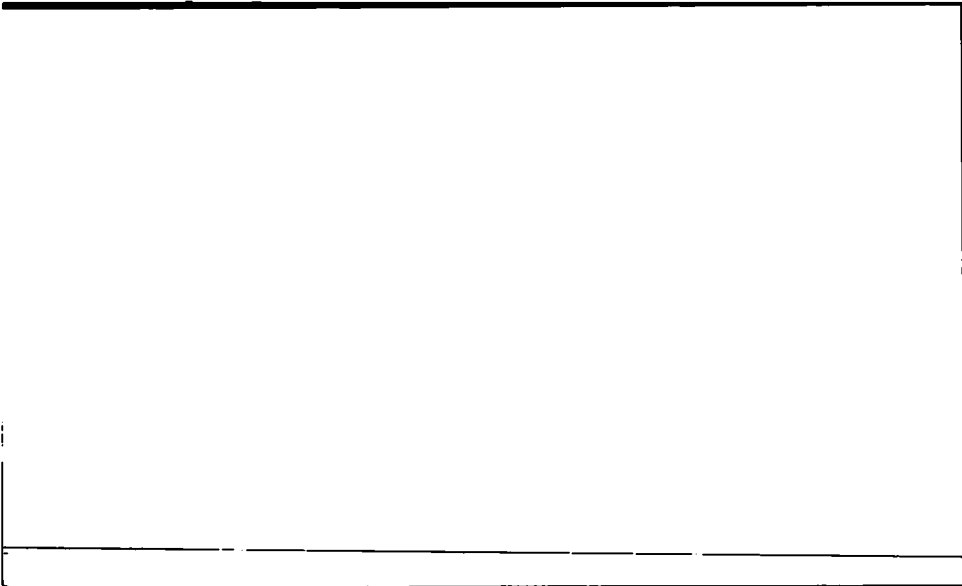
NY-SEC. AMERICAN SATELLITE THAT CAN TAP RUSSIAN TELEPHONE MESSAGES &
PINPOINT MISSILE LAUNCH SITED BY RADIO GUIDANCE SIGNALS, NOW ORBITING



SATELLITE : FLEET SATELLITE COMMUNICATIONS SYSTEM 1972

N 12. B-8-3

WASH--PENTAGON ANNCD AWARD FOR \$36 MILLION CONTRACT TO TRW SYSTEMS INC OF REDONDO BEACH CALIF FOR DEVELOPEENT ABOVE TO LINK ALL US NAVY SHIPS, AIRFORCE, AND NAVY AIRCRAFT AND LIMITED GROUND STATIONS.

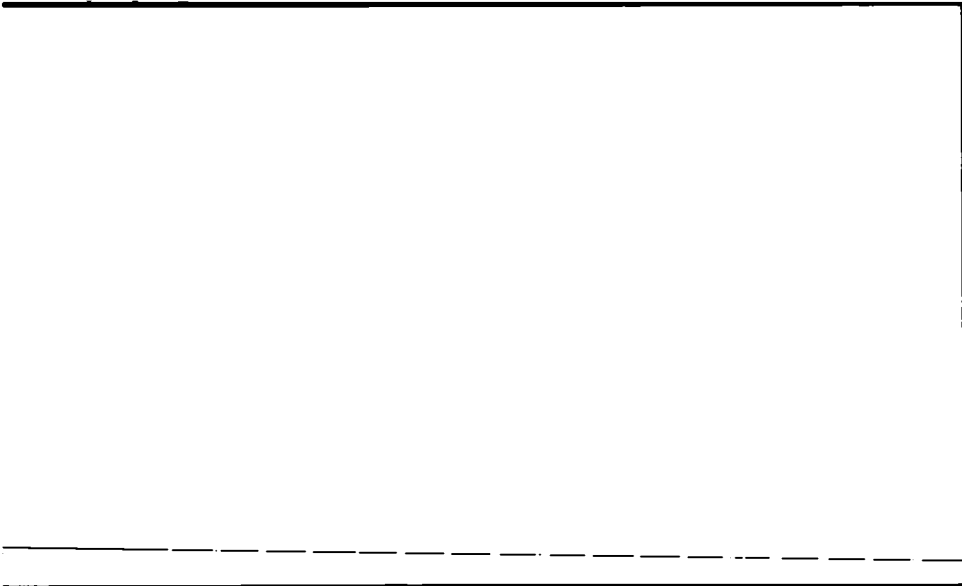


SATELLITE: FLTSATCOM-8

1989

S 25 A-3-5

Cape Canaveral, Fla-Satellite is last last of series of 8,
completes constellation of 6 orbiting switchboards



SATELLITES - FRANCE

1959

JE 30, 15-1 LF

DEGAULLE ORDERS RESEARCHERS TO DRAF PLANS FOR SATELLITE

-----1961----- JL 28, C-6-6

PARIS-FRANCE EXPECTED TO LAUNCH ITS FIRST SPACE SATELLITE TOWARD END OF 1964

---1962--- MY 31, C-23-1

PARIS-ANNOUNCES SETTING A DATE FOR LAUNCHING OF OWN SPACE SATELLITE

" JE 3, A-9-4

PARIS-TO LAUNCH FIRST NAMED "DIAMOND ONE" LATE IN '63

AG 23, B-12-3

PARIS-PLANS TO LAUNCH FIRST SATELLITE INTO ORBIT MARCH 1965

--1963-- O 2, G-3-6

PARIS-MINISTER FOR SCIENCE GASTON PALEWSKI TO LAUNCH OWN SPACE SATELLITE IN '65

N 1, A-7-3

PARIS-FRENCH SCIENTISTS & TECHNICIANS BEGIN WORK ON EXPERIMENTS TO BE CARRIED OUT UNDER FRANCE'S SPACE SATELLITE PROGRAM

--1964-- MR 13, A-8-3 LF

FRANCE & U.S. TO LAUNCH A SCIENTIFIC SATELLITE TO BE FINANCED & BUILT BY FRANCE-TO BE LAUNCHED NEXT YR BY U.S. BOOSTER ROCKET

—1965—

JA 13, A-13-8 5*

PRETORIA, SOUTH AFRICA—FRANCE NEWEST TRACKING STATION NEARING COMPLETION OUTSIDE PRETORIA—TO BE READY IN JUL

N 5, B-13-1

PARIS—DEGAULLE TO PUT FRENCH A-ONE SATELLITE IN SPACE DEC. 5 ON EVE OF PRESIDENTIAL ELECTION
TO LAUNCH FIRST SPACE SHOT FROM SAHARA SOON

N 21, B-21-2

PARIS—1ST SATELLITE PUT INTO ORBIT TODAY " 26 BY FRANCE

N 26, A-1-8 6*

N 27, B-6-5

PARIS—FRANCE 1ST. SATELLITE CIRCLED GLOBE EACH 1 HR & 48 MINUTES

D 2, E-2-8

VANDENBERG AFBASE, CALIF.—FRENCH SATELLITE SCHEDULED TO BE LAUNCHED FROM THIS COASTAL BASE D 6

D 7, A-3-8

VANDENBERG AF BASE, CALIF.—1965-101A SATELLITE WENT INTO ORBIT HERE D6 BY A U.S. ROCKET—WILL EXAMINE RADIO WAVES IN IONOSPHERE

D 12, B-12-5 3*

WASH.—JACQUES EMILE BLAMONT REPORTED FRENCH PROGRAM CALLS FOR LAUNCHING SATELLITE & RELEASING BALLOONS OVER S. PACIFIC

—1966—

F 11, A-1-6 3*

HAMMAGUIR, ALGERIA—LAUNCHING OF FRENCH SATELLITE WAS CALLED OFF TODAY HERE AFTER SERIES HOLDS IN COUNTDOWN OVER MECHANICAL TROUBLE

F 17, A-15-1

HAMMAGUIR—D-1A LAUNCHED AS FRANCE JOINS SPACE RACE

SATELLITES : FRANCE

1967

F 8, A-12-2
HAMMAGUIR, ALGERIA-FRANCE PLACED ITS 4TH SATELLITE IN ORBIT
FROM THIS SARARA DESERT SPACE CENTER F 8, A-8-1 6*
HAMMAGUIR-MAP SATELLITE ORBITTED BY FRANCE F 16, A-4-3
HAMMAGUIR, ALGERIA-FRANCE SUCCESSFULLY LAUNCHED ITS 5TH SATEL
-LITE DEEP INTO SPACE HERE F15-NAMED DIADEM 2
-----1969----- F12, C-6-2 RACE™
ARIS- FRENCH SOVIET ROCKET PLAN SHELVED.
-----1970----- MY 24, B-11-2
SOVIET ROCKET TO PUT FRENCH--BUILT SATELLITE INTO ORBIT IN
NEXT TWO YEARS -- -1972----- AP5, C-11-5
MOSCOW---ONE SOVIET ROCKET LAUNCHED A FRENCH SCIENTIFIC
CAPSULE AND A SOVIET COMMUNICATIONS SATELLITE INTO ORBIT
TASS REPORTED -1985- S 14, C-1-1
Kourou, Fr Guiana-Ariane-3 rocket mission launched by French
govt is a disaster

-1994-

Ja 25 A 4-1

Kourou, French Guiana - 2 French made satellites were lost after the 3rd stage rocket shut down following its launch.

SATELLITES - GEOS X

1965

CAPE KENNEDY, FLA-^{N 7, A-8-4} ABOVE MAP-MAKING SATELLITE SUCCESSFULLY ROCKETED INTO ORBIT N6 TO CHART SIZE & SHAPE EARTH & DISTANCE BETW. FAR-APART PLACES ^{N 8, A-19-8}

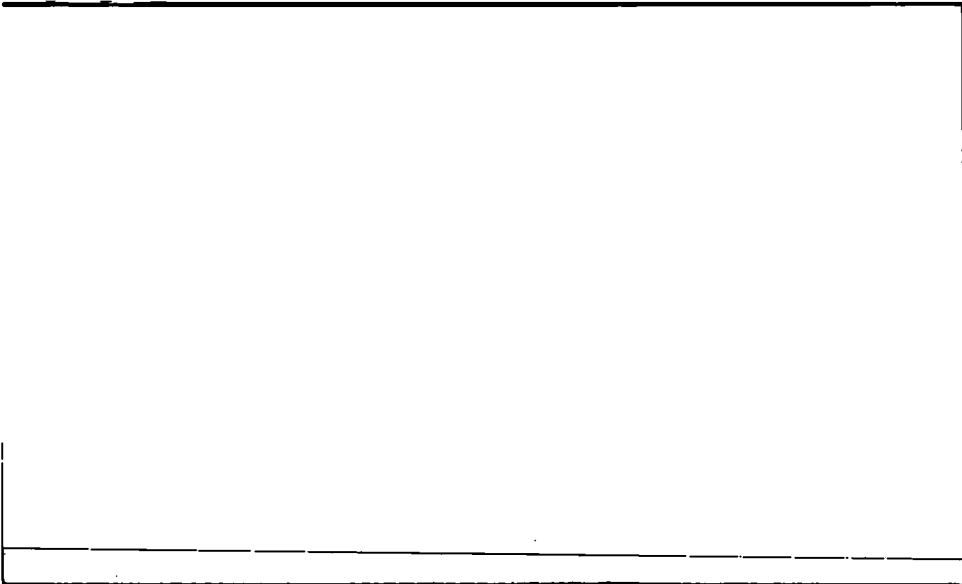
CAPE KENNEDY-SCIENTISTS SAY WHEN ABOVE SETTLED DOWN IN ORBIT IT WILL BEGIN USING ITS REFERENCE POINT TO MAP EARTH & STUDY ITS PECULIARITIES

-----1977-----AP21, A-10-1

CAPE CANAVERAL- MISFIRE SENDS SATELLITE INTO WRONG ORBIT DOMMING FIRST PHASE OF \$14MILLION PROJECT.

AP 26, A-6-6

CC-LAUNCHED, TO COLLECT DATA FOR INTERNATIONAL PROJECT

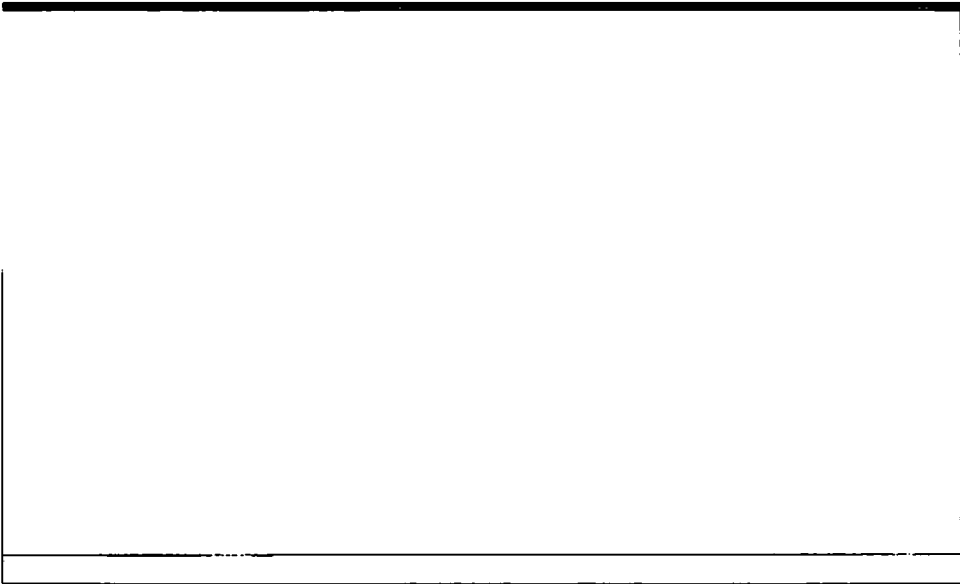


SATELLITE : GEOS 2

1978

JL 10, A-12-1-N

**TO BE LAUNCHED JL 14 AT EFFORTS TO STUDY ELECTRIC & MAGNETIC
FIELDS THAT SURROUNDS EARTH**

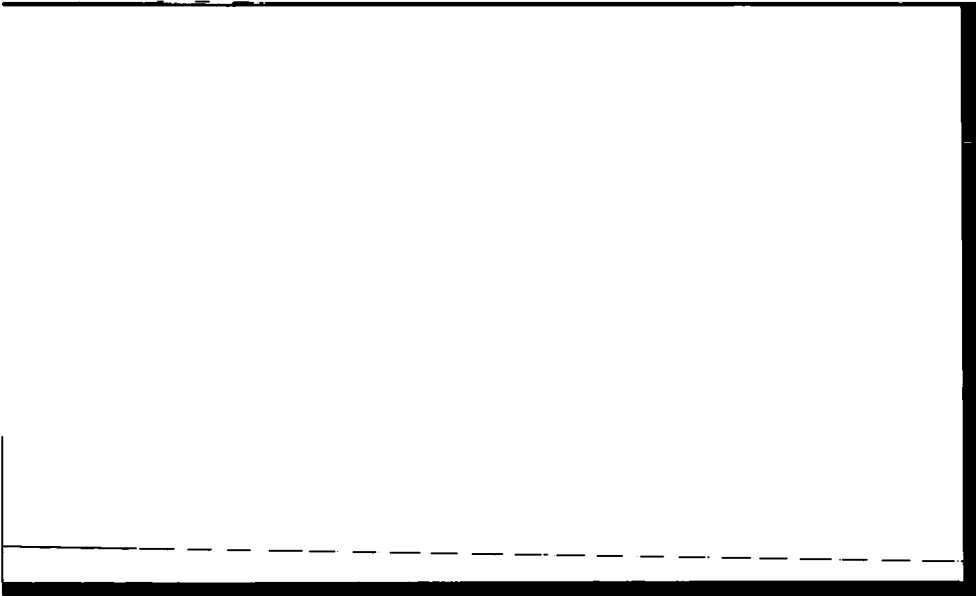


Mr 13, D-1-4

Half-ton European craft approaches Halley's comet.-McCann

MR 14, A-4-3

Darmstadt-transmits pictures of Halley's Mr 14, B_7-2
Darmstadt-loses pictures



SATELLITES: GERMANY

1958

F 16, A-23-2 2*

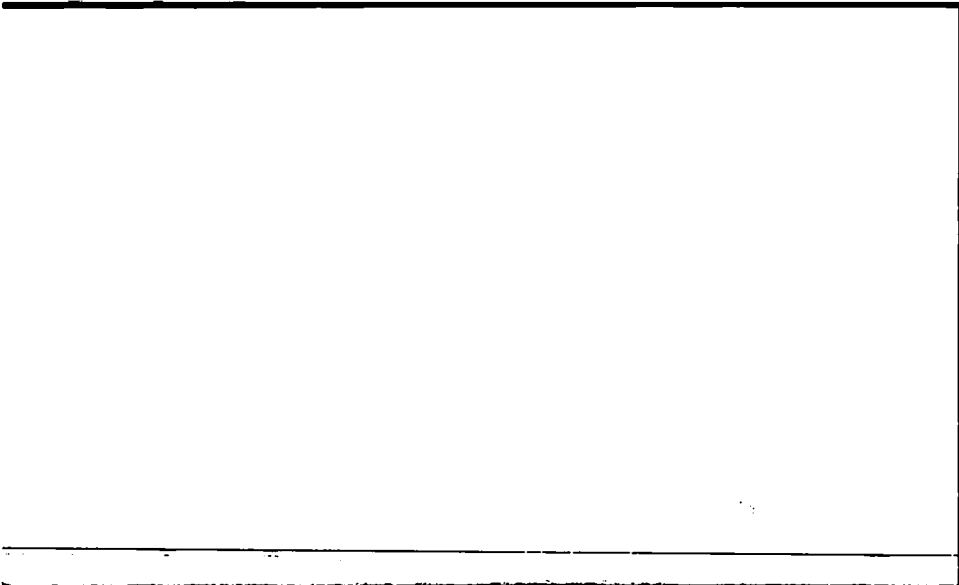
BONN-BONN AIMS FOR 3RD IN SATELLITE RACE

~~BONN~~ WEST GERMANY DEVELOPING A PLASMA ROCKET FOR LAUNCHING SPACE SATELLITES--1963--
S 25, F-1-2-7 6
IS JOINT VENTURE OF BOELKOW AT MUNICH & GERMAN INSTITUTE FOR SPACE & PROPULSION RESEARCH AT STUTTGART

---1966---

AG 10, A-15-1

MUNICH-STARTED WORK ON 1ST SPACE SATELLITES



SATELLITES - GLOBAL POSITIONING SYSTEM (GPS)

1974

JE 6, C-3-1

**IS SATELLITE NAVIGATION SYSTEM THAT WILL BE USED BY MILITARY
& NAVAL FOR INTERCONTINENTAL MISSILES OF TARGETS-PIPP**

-1989

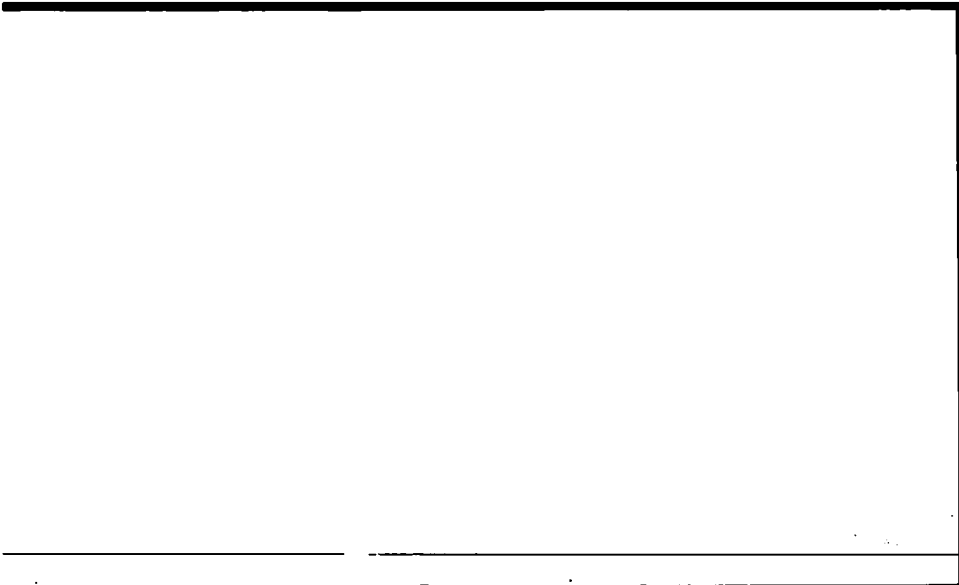
0 22 A 3-1

**An Air Force Delta 2 rocket boosted the 4th in a series of
hightech military navigation setellites into orbit**

-1995-

Je 20 D 3-1

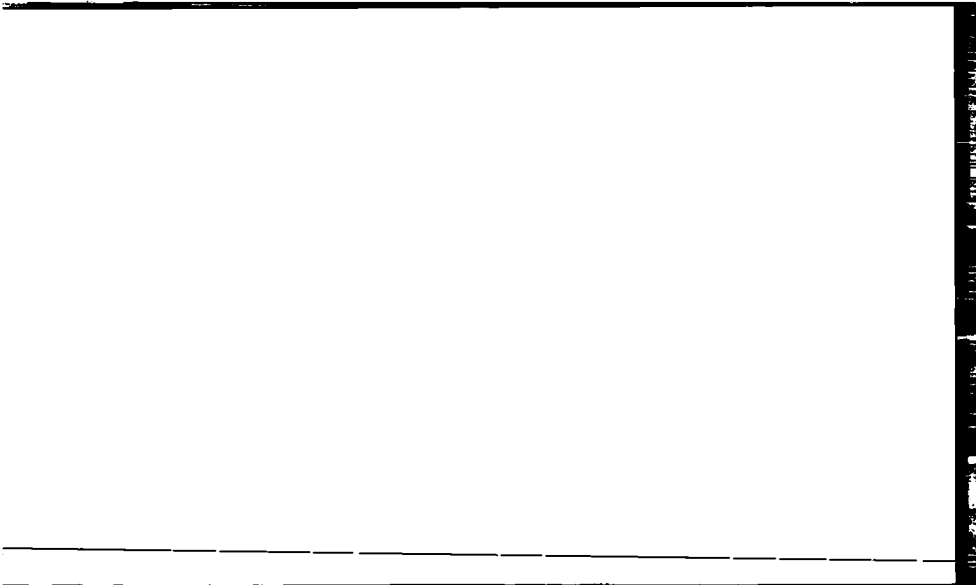
**Carmen will be the 1st global bear when she gets collared.
BeVier**



1978

SATELLITES - GOES-C

J. 27, A-16-3
RECENTLY LAUNCHED FROM CAPE CANAVERAL AF STATION, FLA, TO IMPROVE WEATHER
FORECASTING TRANSMISSIONS



LONDON-BRITIAN PLANS TO LAUNCH A "BARGAIN" SPUTNIK JE 16, 11-4
AUBREY JONES SAYS BRITAIN THINKING LAUNCHING SATELLITE SOON JE 18, 10-7

MANCHESTER, ENG.-RUSSIAN TURNS DOWN REQUEST BY ZOO HERE TO BE ALLOWED TO EXHIBIT ONE OF PUPPIES OF ALBINA, DOG SHOT INTO SPACE IN RUSSIAN ROCKET ---1959--- Mr 18, 28-8
LONDON-BRITIAN IS PLANNING TO SEND BRITISH-AER. EARTH SATELLITE INTO SPACE My 1, 36-3 5*

LONDON-BRITIAN TO JOIN SPACE RACE My 12, 1-8
DELAIDE, AUSTRALIA-BRITIAN MAY BEGIN FIRING SPACE SATELLITES FROM WOOLMERA ROCKET RANGE IN 1961 JL 7, 37-4
BRITAIN OFFERS JOINT EUROPEAN PLAN TO PUT SATELLITES INTO SPACE ---1960--- O 30, A-13-1 1*

LONDON-FIRST BRITISH SATELLITE PACKED WITH INSTRUMENTS, IS SCHEDULED TO BE SENT INTO ORBIT NEXT SPRING ---1961--- D 7, A-3-6
BRITAIN'S FIRST SPACE SATELLITE TO BE PUT INTO ORBIT BY AMERICANS ---1962--- JA 31, E-11-625

U.S.-BRITAIN TO JOIN FORCES FOR INTERNATL ORBIT SHOT THIS SPRING FR. CAPE CANAVERAL Mr 11, A-22-7

-----1962----- Ap 6, A-16-1 Fin =
LONDON-BRITAIN TO SH OT ITS FIRST SATELLITE

---1963--- Je 6, A-20-6
LONDON-BRITAIN PLACES GOVT. CONTRACT WITH BRITISH AIRCRAFT CORP. FOR DE
VELOPMENT & CONSTRUCTION OF ARTIFICIAL EARTH SATELLITE

---1965--- F 14, A-17-1
WASH-BRITISH LAUNCHED 'K-2 SATELLITE TO CHECK ON VERTICAL DISTRIBUTION
OF OZONE IN EARTH'S ATMOSPHERE --1966--- D 28, B-5-6

LONDON-TO LAUNCH ALL-BRITISH SATELLITE IN 2 1/2 YRS

---1970--- Ag 19, A-11-1
CAPE KENNEDY U.S. LAUNCHED 2ND SKYNET COMMUNICATIONS
SATELLITE FOR GREAT BRIT. TODAY. S2, A-6-4
CANBERRA- BRITISH SATELLITE FAILS, GET INTO ORBIT.

----1971---- J130, C-18-1
LONDON-BRITAIN SOON WILL DROP ITS ONLY SATELLITE LAUNCHING
PROGRAM

-1974- JA 18, A-4-8 1Dot
CAPE CANAVERAL--SKYNET 2 MILITARY COMM. SATELLITE BUILT IN
GREAT BRITAIN, WILL BE US ' FIRST SPACE LAUNCH OF 1974

TONITE,
SKYNET 2 SATELLITE FAILS TO ORBIT.

JA 20, B-3-1
N 25, B-1-7 E

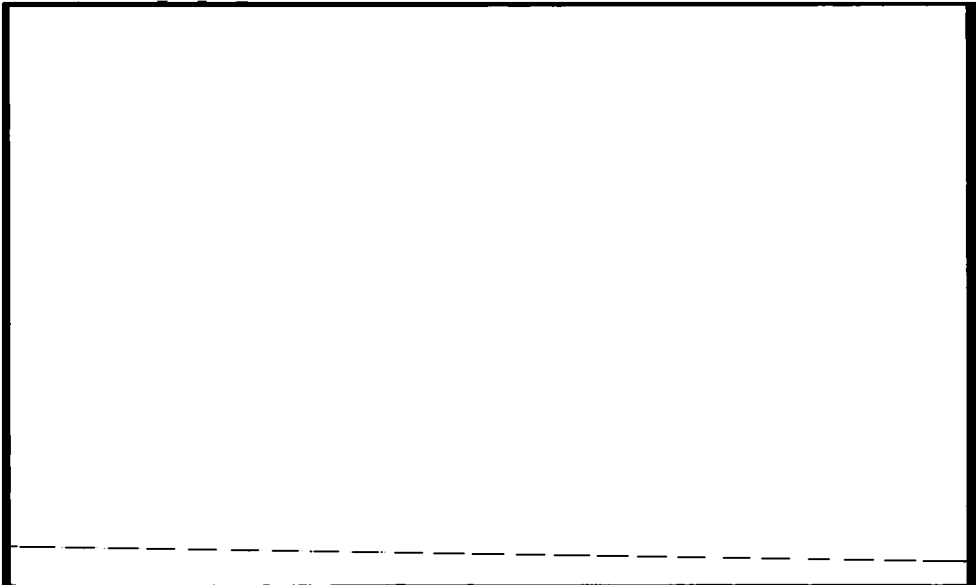
MILIT. COMMUNICATIONS SATELLITE SKYNET 2 OVER INDIAN OCEAN

SATELLITES: GREAT BRITAIN

1987

Ja 27, A-8-2

London-The New Statesman magazine offices searches again
after it published reports on British spy satellite



SATELLITES : GREB.

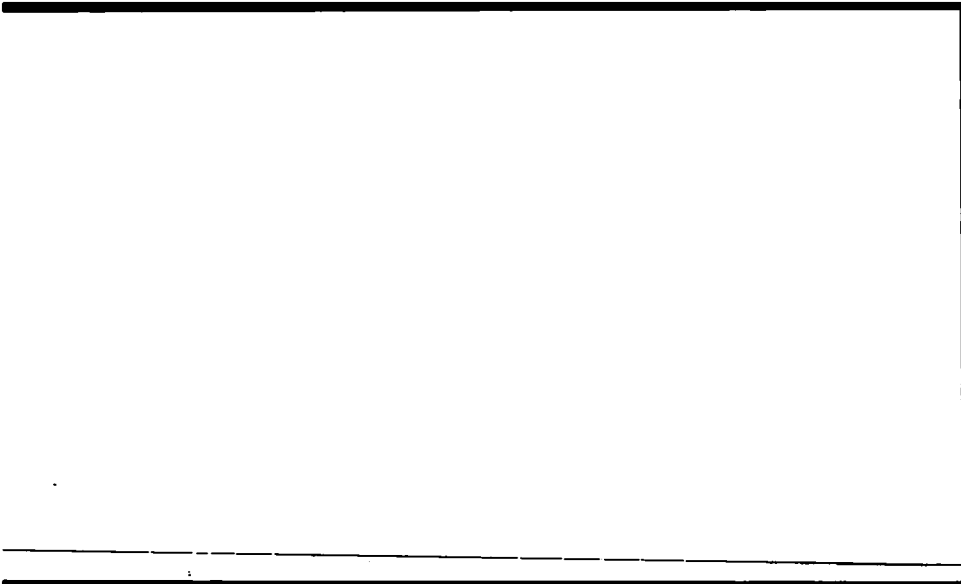
1961

U.S. HURLS ABOVE & 2 OTHERS AS 1ST ATOMIC BATTERY SATELLITE

JE 29, A-1-B

FAILS TO SEPARATE FROM SATELLITE INJUN

JE 30, A-3-4 FIN 5

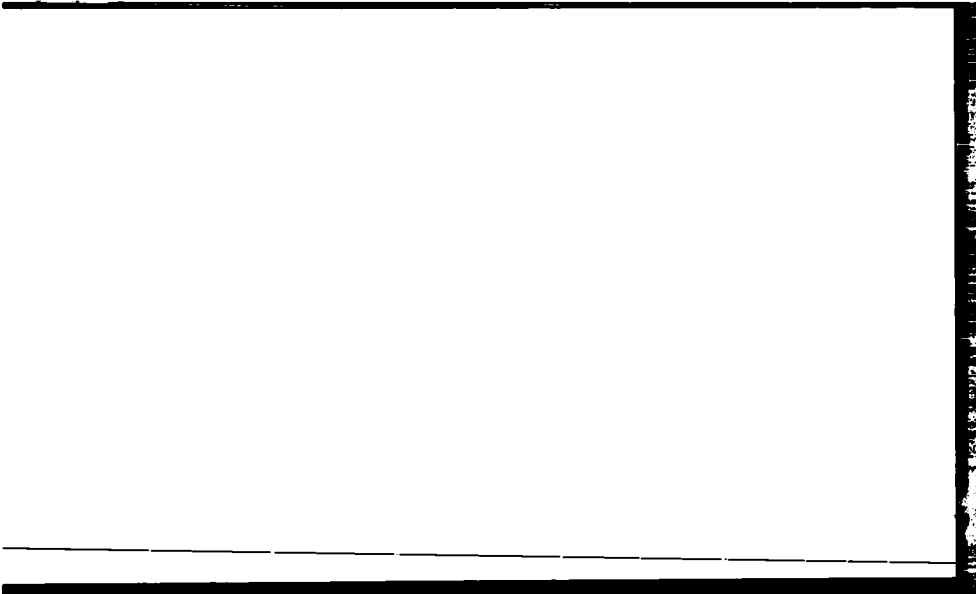


SATELLITES : HEAO 2

1978

N 13, A-2-1

**CAPE CANAVERAL-NEW SATELLITE BLASTS OFF TO SEEK ANSWER TO
SECRETS OF UNIVERSE**



SATELLITES: HELIOS

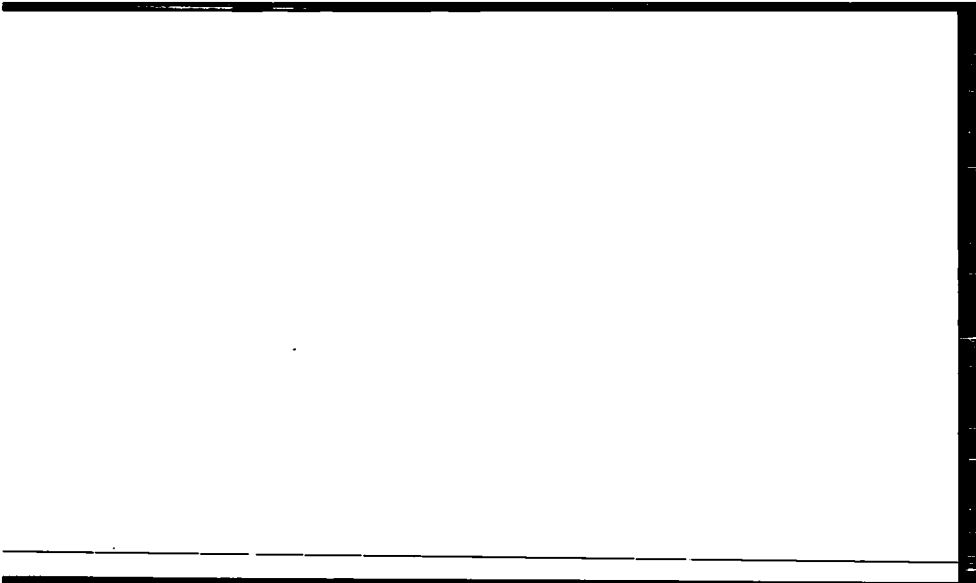
1970

JL 1, A-18-1

UNITED STATES & W GERMANY PLAN TO SEND TWO SPACECRAFT CLO-
SER TO SUN THAN ANY SO FAR--ROSSITER

N9, A-9-2

TO PROBE SUN'S MYSTERIES TO BE BE LAUNCHED IN 74 AND 75.
POPP

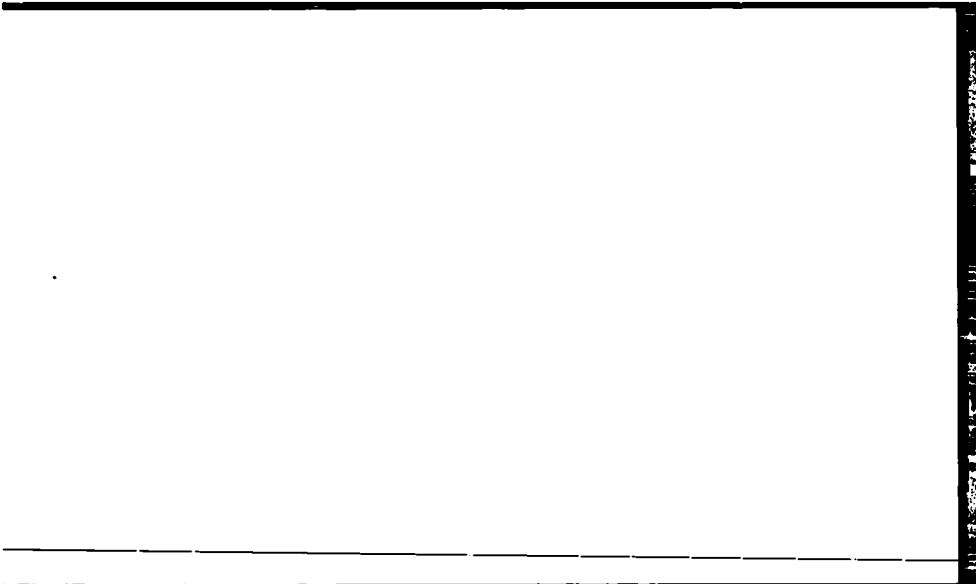


SATELLITES: HOLLAND

1974

AG 28, C-16-5

**VANDENBERG AFB, CALIF-LAUNCHING OF 1ST SPACE SATELLITE
DELAYED UNTIL FRI. WHEN PROBLEMS DEVELOPED**



1963

SATELLITES - IMP

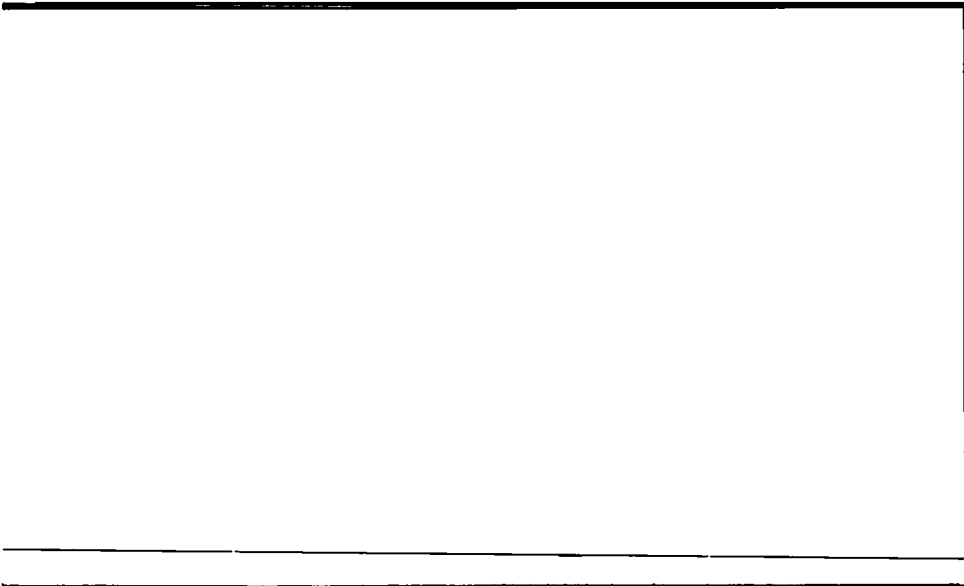
IMP-INTERPLANETARY MONITORING PROBE-BEING DEVELOPED TO STUDY SUN'S BE-
HAVIOR

CAPE CANAVERAL-U.S. TO LAUNCH ABOVE 138 PDS INTO ORBIT 173,000 MILES
HIGH TONIGHT TO MEASURE SOLAR WINDS

CAPE CANAVERAL -ABOVE SHOT INTO SPACE TODAY ON RADIATION-SENSING MISSI
ON-TO DETERMINE IF SATELLITE INSTRUMENTS CAN FORECAST SOLAR FLARES ON
THE SUN

WASH.-EXPECTED TO FALL 15,000 MILES SHORT OF INTENDED DISTANCE IN
SPACE - FOR IMP 3 SEE: SATELLITES - EXPLORER 28

ABOVE TO BE LAUNCHED JE 30 TOWARD ORBIT RANGING FROM 800-TO 4,000 MILE
ABOVE MOON SURFACE-TO STUDY RADIATION, MAGNETIC FIELDS, MICROMETEORIDES
OF MOON-PIPP



SATELLITE: INDIA

1970

JL 20, -4-1

NEW DELHI- INDIA HOPES TO LAUNCH ITS FIRST SATELLITE
IN 3½ YRS.

--1971--

Ag 12, A-10-5

NEW DELHI--INDIA TO LAUNCH FIRST SCIENTIFIC SXX SATELLITE
IN 1974

--1975---- Ap 20, A12-1

NEW DELHI-SOVIETS LAUNCH INDIA'S FIRST SATELLITE

-1979-

Ag 11, A-4-1

NEW DELHI-1ST ATTEMPT TO PUT SATELLITE INTO ORBIT WITH ITS
OWN ROCKETS FAILED.

-1980-

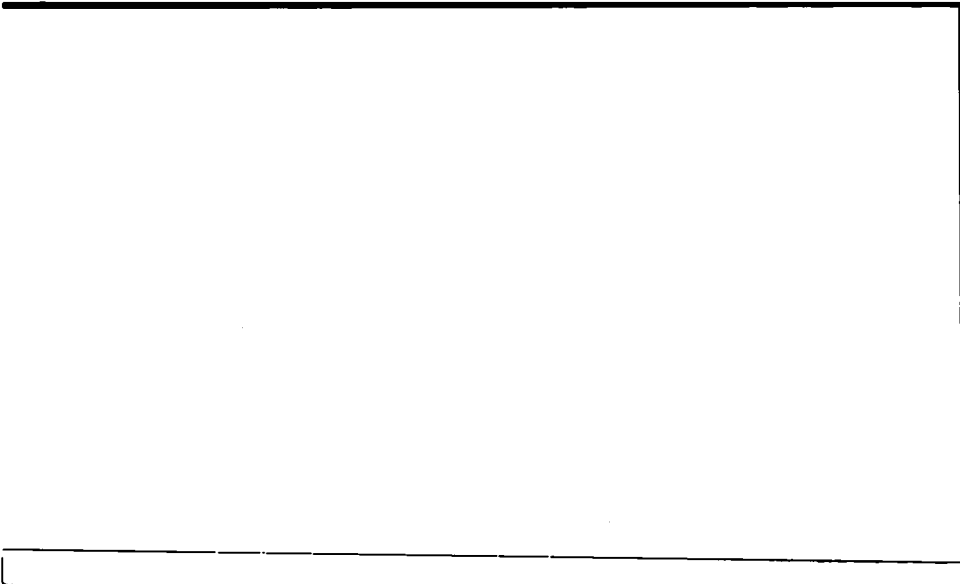
JL 20, C-4-1

SLV3 BLASTS OFF

-1983-

Ap 18, A-5-1

NEW DELHI-INDIA LAUNCHES SATELLITE

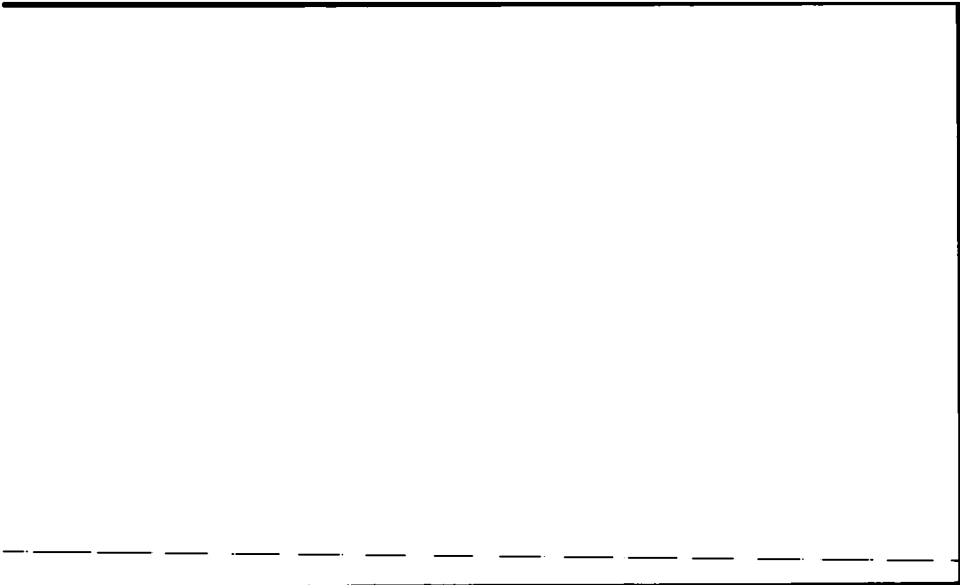


Ja 28, A-5-1 1dot

JAKARTA, Indonesia-NASA WILL LAUNCH Inonesian satellite on
March 19.

Mr 16, A-7-1

CC-NASA to launch communications satellite

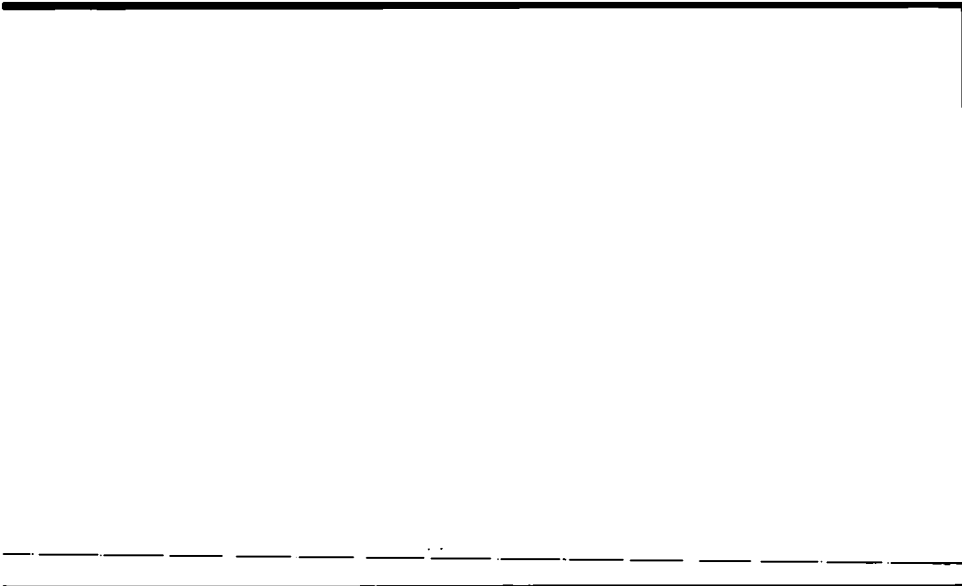


SATELLITE : INFRARED ASTRONOMICAL

1983

N 17, D-1-2

**TELESCOPE DISCOVERED NEW ASTEROID, FOUND NEWLY FORMING STARS
& SPOTTED 5 COMETS & MAYBE A SOLAR SYSTEM**



SATELLITES : INJUN

1961

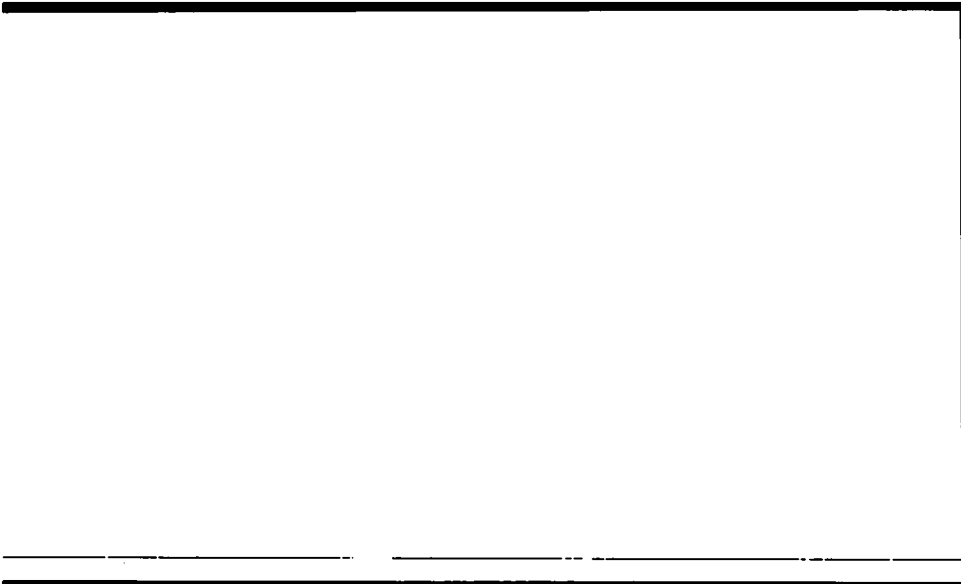
U.S. HURLS ABOVE & 2 OTHER AS 1ST ATOMIC BATTERY SATELLITE

JE 29, A-1-8

FAILS TO SEPARATE FROM SATELLITE G_REB ---1963---

JE 30, A-3-4 FIN 8

WASH. -



SATELLITES: INQUIRY

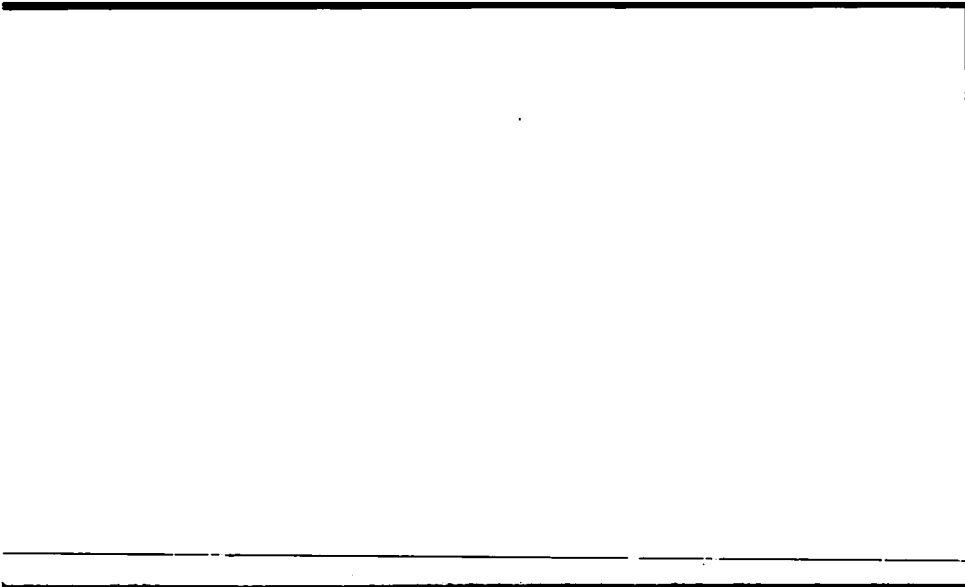
1957

O 23, 38-3

ALF LONDON WANTS FULL INQUIRY OF SATELLITES

N 10, A-1-6

SEN. ANTI TRUST & MONOPOLY SUBCOMM. SAYS THAT ITS HEARING ON AUTO PRICES, ORIGINALLY SET FOR N 25TH HAS BEEN CHANGED TO DEC. 16TH



SATELLITES: INTELSAT 2

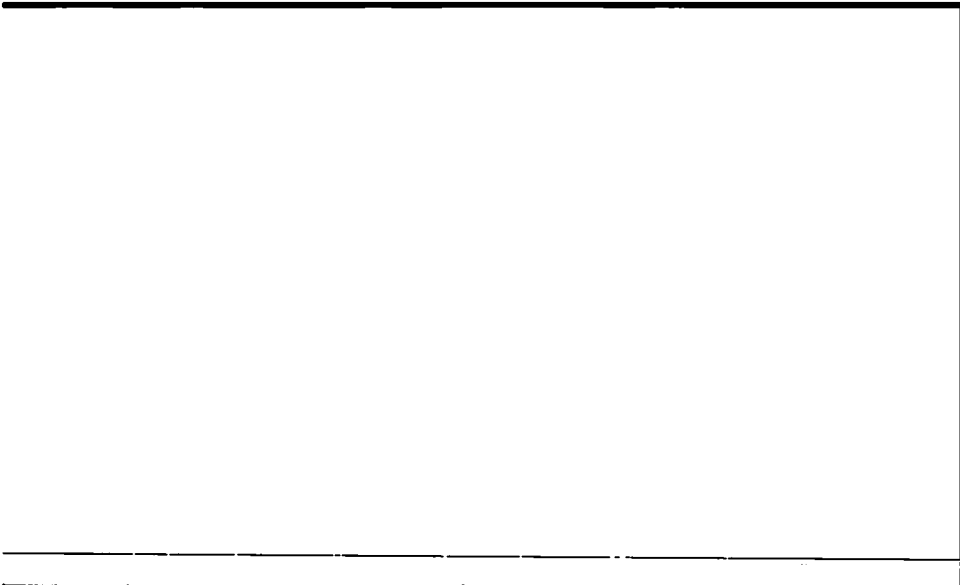
1967

JA 4, C-17-2

WILL HOVER OVER 1 SPOT ON EQUATOR IN SYNCHRONOUS ORBIT

MY 23, C-8-7

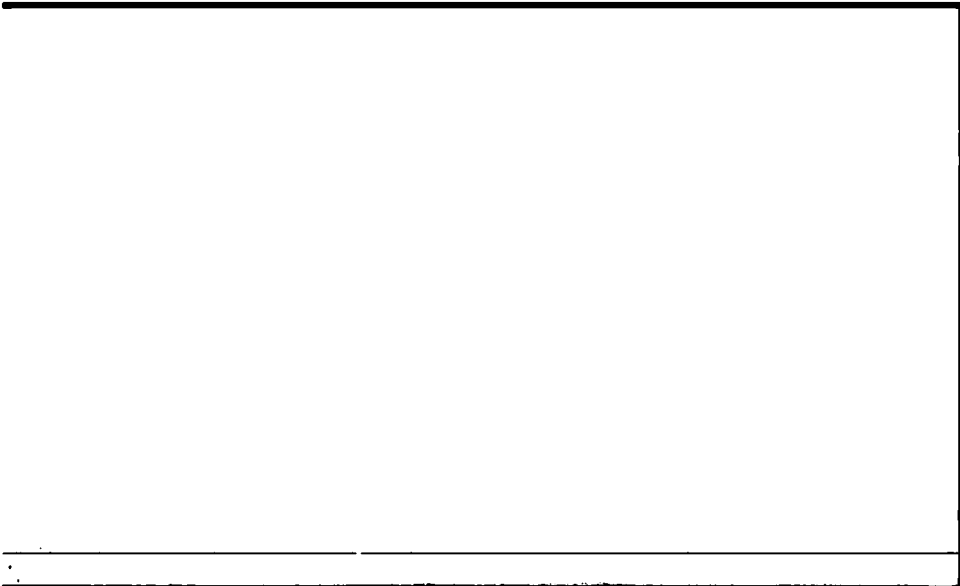
TOKYO-INTELSAT 11 4TH SATELLITE TO BE LAUNCHED



1968

SATELLITES: INTELSAT 3

DELTA ROCKET EXPLOD D AFTER TAKEOFF-PIPP S 19, B-6-4
HEADED FOR ORBIT 22,300 MILES ABOVE S. ATLANTIC OCEAN-PIPP D 19, A-3-4
FIRED INTO STATIONARY ORBIT-PIPP D 20, A-7-2 3 DOT MY 22, A-21-8
CAPE KENNEDY-ORBITS EARTH AFTER LAUNCH MY 25, B-16-1
WASHINGTON-SHOT INTO PERFECT ORBIT ABOVE THE EQUATOR BY
ROCKET MOTOR JL 24, B-7-1 1DOT
CAPE KENNEDY-LAUNCHING OF ABOVE CALLED OFF AFTER DISC. OF B
BAD FILTER- JL 26, B-9-3
CAPE KENNEDY-INTELSAT 3 FOR TELEPHONE AND TELEVISION COMM.
FOR SOUTH AMERICA IS LOST IN SPACE- AG 3, A-11-3 1DOT
~~WASH-ABOVE RETURNED TO SERVICE AFTER INACTION SINCE JE29-~~
CAPE KENNEDY- HUGE INSURANCE PAYOFF HANGES ON INTELSAT JA 15, C-24-6
3 BLAST OFF. AP 23, B-4-1
CAPE KENNEDY- COMMUNICATIONS SATELLITE LAUNCHED BY
COMSAT CORP FOR 74 NATIONS IN FAULTY ORBIT.



SATELLITE, INTELSAT4

1971

CAPE KENNEDY- LAUNCHED OFF CAPE, IS LATEST COMMERCIAL COMMUNICATIONS SATELLITE. JA 26, A-3-4
CAPE KENNEDY- ASTRONAUTS SEE LAUNCH OF SATELLITE INTELSAT 4.-PIPP JA 26, B-6-1 1DOT
AP20, C-9-1 1DOT
COMMENTS ON CRAFT NOW IN COMMERCIAL OPERATION

SPY ROCKET FAILURE DELAYS SATELLITE SHOT, D6, A-4-1
PUT INTO STATIONARY ORBIT 22,300 MILES OVER EQUATOR IN ATLANTIC OCEAN D21, C-8-1
----1972---- JA23, A-22-5
CAPE KENNEDY--INTELSAT 4 LAUNCHED TO TRIPLE SPACE BORNE TRANSPACIFIC COMMUNICATIONS LINKS IN TIME FOR PRES. NIXON'S VISIT TO CHINA AND FOR COVERAGE OF THE OLYMPIC GAMES IN

JAPAN JE 14, C-2-1
CAPE KENN--NEW SATELLITE TO SERVE AFRICA, ASIA, AUSTRALIA, & EUROPE FLAWLESS IN FIRST ORBIT; WILL SWITCH TO STATIONARY ORBIT TONIGHT.
CAPE KENNEDY-SWITCHED INTO ITS FINAL STATIONARY ORBIT JE 15, A-20-3

-1973-

Ag 26, A-12-5

CAPE KENNEDY--ROCKET MOTOR FIRED SUCCESSFULLY ABOARD NEW
INTELSAT 4 COMMUNICATIONS SATELLITE, LOCKING IT IN ORBIT
OVER ATLANTIC.

---1975----- S26, A14-1RACE

NEW SERIES OF 6 INTELSAT 4A SATELLITES LAUNCHED.

-1976-

JA 30, A-10-1

CAPE CANAVERAL-4A LAUNCHED AFTER 18MIN DELAY

SATELLITES : INTELSAT 5

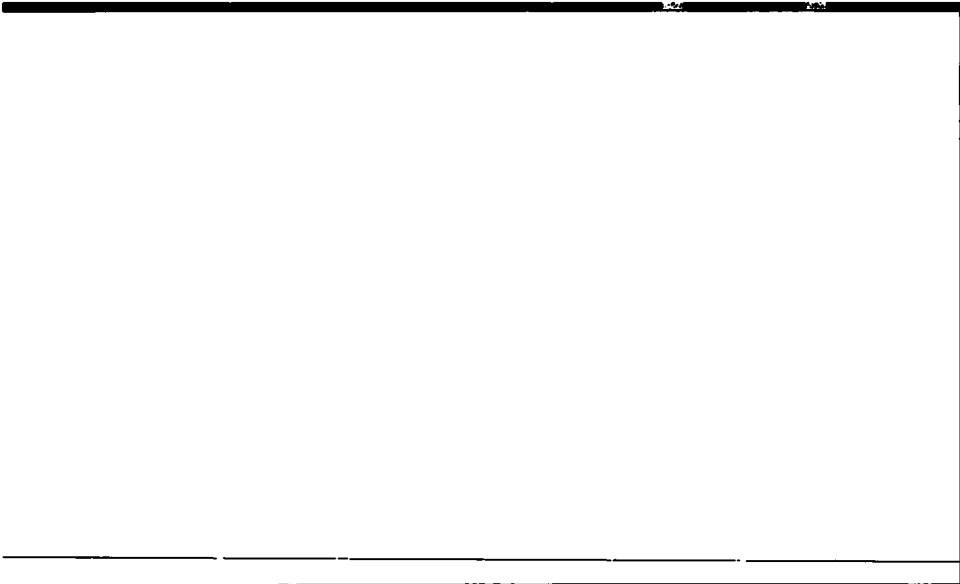
1981

CC,FLA-SET TO GO INTO SPACE

D 13, A-7-1

CC-LAUNCH POSTPONED. PROBLEM IN STABILIZING SYSTEM.

D 14, A-11-1ST



Mr 15 A 3-2

Costly satellite stranded in space

Mr 20 A-3-2

Denver- Wiring goof blamed for stranded satellite

My 15, A-6-1

Well done, endeavour-Edit

My 13, A-3-1Cape Canaveral, Fla-NASA engineers try to instruct astronauts
on getting satellite down, public offers many suggestions

My 13, A-8-5

DC-Gambled agst insurance for Intelsat, now astronauts try to
rescue itMy 12, A-1-3Cape Canaveral, Fla-Astronauts frustrated on rescue attempt,
to try one more spacewalk to save it

My 14, A-1-2

Description of how 2 shuttle Endeavour astronauts rescued
marooned satellite

My 14, A-1-6

Space Center, Houston-3 spacewalking astronauts take risk to
wrestle it out of its mistaken orbit & relaunch it

---1992---

My 14, A-6-5

After well-laid plans fail to rescue it, NASA ad-libs on
rescue mission-McCann

My 15, A-3-2

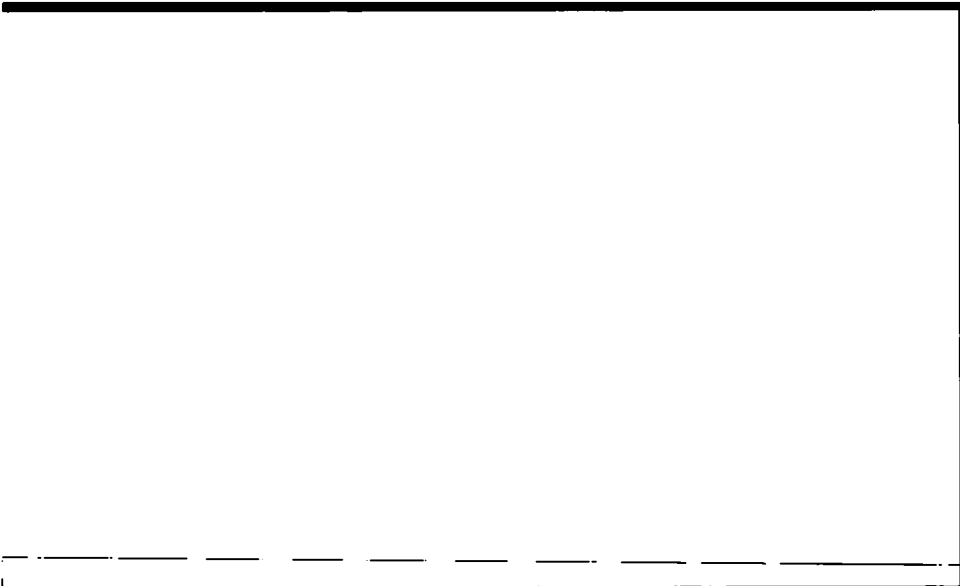
Houston-NASA revels in rescue mission of satellite as proof
of value of manned space ventures

SATELLITE : INTERNATIONAL SUN-EARTH EXPLORER

1984

JA 4, A-1-2

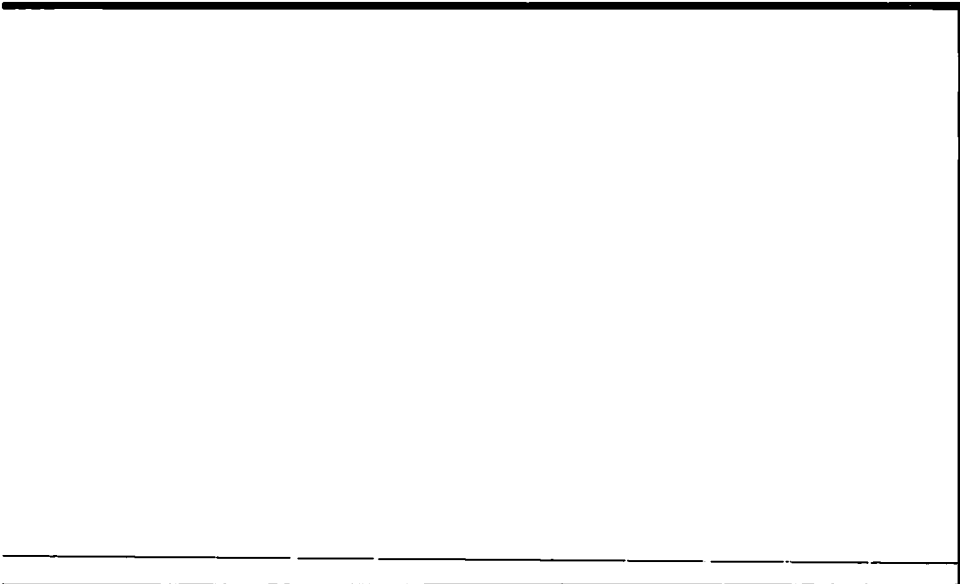
**CRAFT BUILT TO MONITOR SOLAR WINDS & SPACE PLASMA WILL TAKE
LOOK AT COMET GIACOBINI-ZINNER WHICH IT WILL INTERCEPT SEPT
1985-TESSLER**



SATELLITES: INTERNATIONAL TELECOMMUNICATIONS SATELLITE CONSORTIUM ¹⁹⁶⁶

MY 13, A-10-1

KUALALUMPUR, MALAYSIA-ACCEPTED AS MEMBERS OF ABOVE

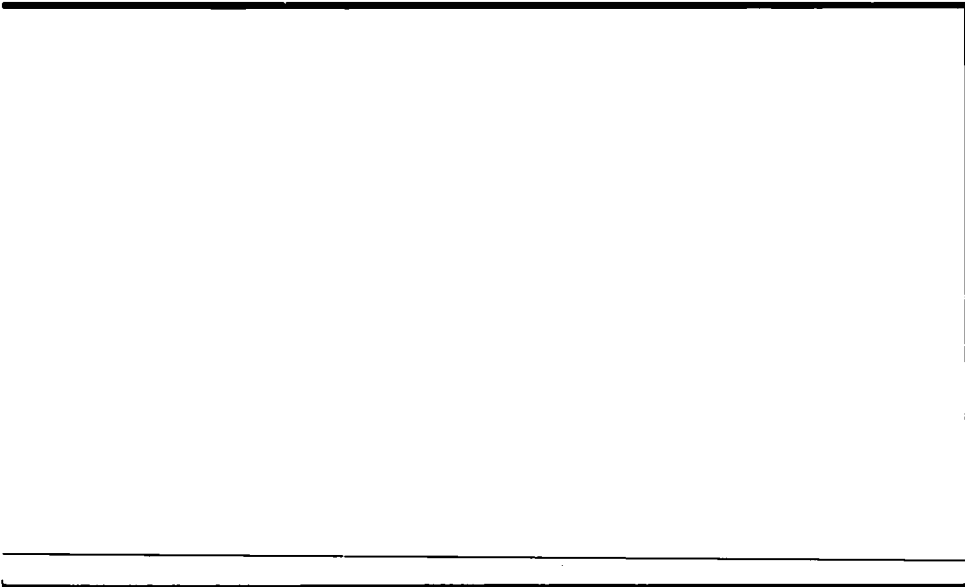


SATELLITES: INTERPLANETARY MONITORING PLATFORM

1969

JE 22, A-23-8 1⁰OT

VANDENBERG AF BASE-SUCCESSFULLY ORBITED AMID POWER FAILURE, DESIGNED TO
MAKE ASTRONAUTS' MOON FLIGHT SAFER

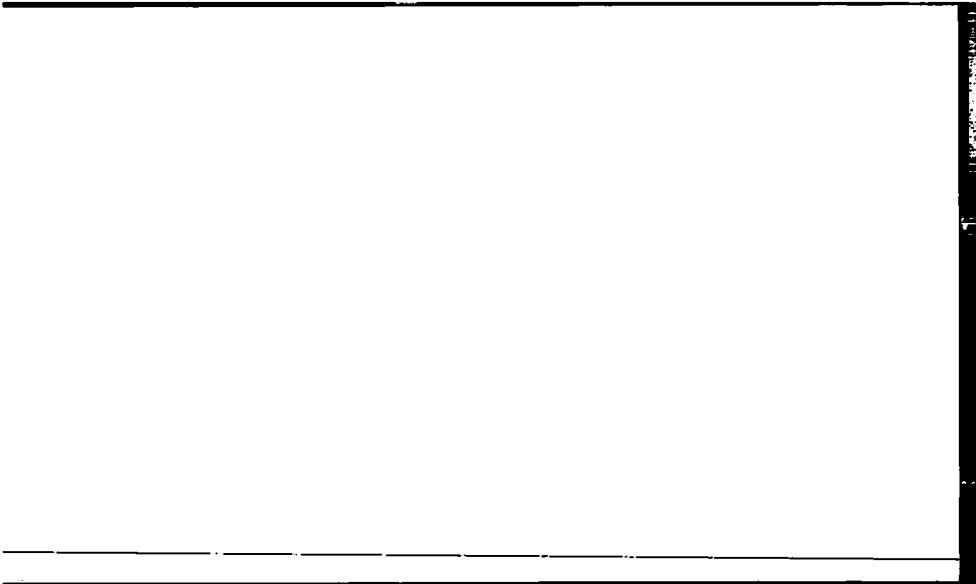


SATELLITES : ISRAEL

1981

DC-U.S WONT SHARE SPY SATELLITE

S 9, A-1-6



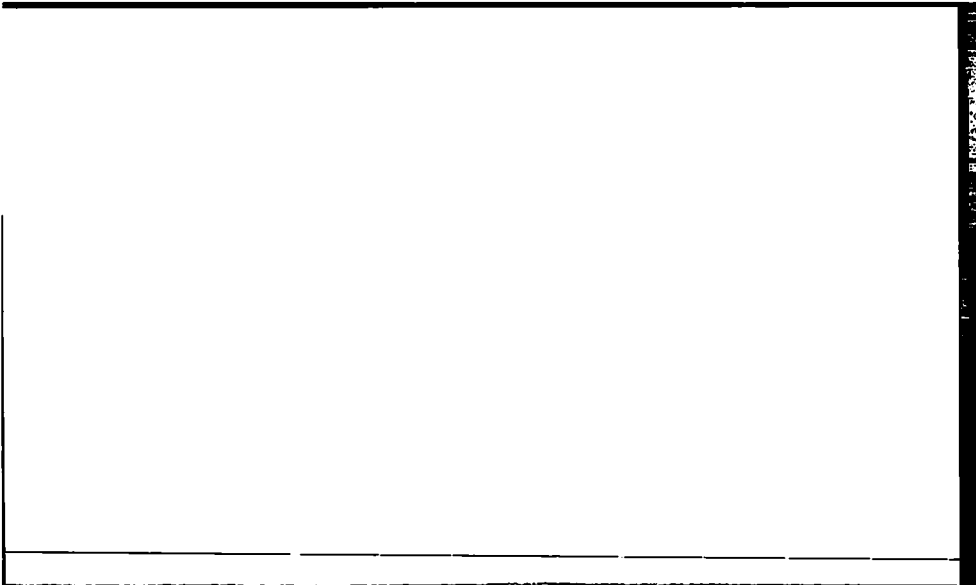
1964

SATELLITES - ITALY

WASH.-SAN MARCOS 1 SUCCESSFULLY LAUNCHED AT US SPACE AGENCY STATION
AT WOLLOPS ISLAND, VA. D 16, D-7-2
---1967---

ROME-LAUNCHED RESEARCH SATELLITE INTO ORBIT ABOVE EQUATOR
---1971--- AP 27, B-14-1
AP 25, A-15-2

U.S AND ITALY ORBIT 4TH SCOUT ROCKET

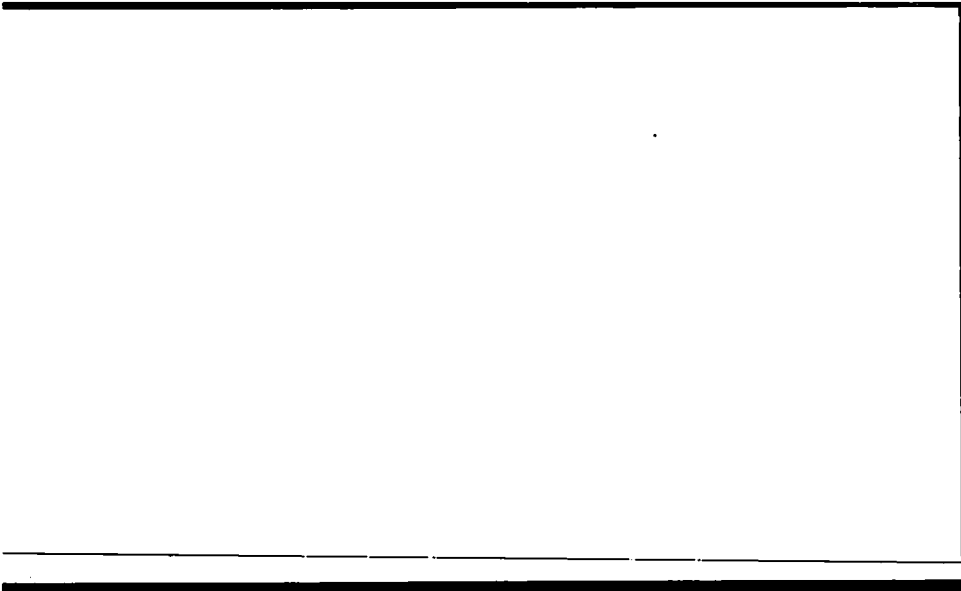


SATELLITE : ITOS-E

1973

JL 17, 1-2-2

VANDENBERG AFB--WEATHER AND OCEAN CONDITIONS=WATCHER FAIL
TO REACH EARTH ORBIT.



SATELLITES - JAPAN

1955

AKITA-JAP SCIENTISTS SAY JAPAN COULD LAUNCH AN EARTH SATELLITE BY 1962
USING A BALLOON

AG 24, 55-8 1H

TOKYO-CHILDREN OF NAKAHAMA NURSERY POOL SAVINGS & OFFER THEM TO GOV'T
TO START JAPAN BUILDING AN EARTH SATELLITE

-----1957-----

D 8, A-1-7

TOKYO-JAPAN HOPES TO LAUNCH ITS FIRST EARTH SATELLITE IN 1963

-----1959-----

JL 31, 37-4 1H

JAPAN REVEALS PLANS TO LAUNCH ITS FIRST SPACE SATELLITE IN ABOUT 5 YRS

-----1962---

JA 29, A-19-7

TOKYO-PLANS TO ORBIT 3 SATELLITES BY '68 OR '69-TWO OF THEM TO BE JAP-
DESIGNED ROCKETS

--1963--

S 30, A-6-1

TOKYO-JAPAN MAY HAVE SATELLITE IN ORBIT IN SEPT

---1966---

MY 2, A-4-7

UCHINOURA-; 1ST ATTEMPT TO ORBIT ARTIFICIAL SATELLITE FAILED

S 26, C-7-8

TOKYO-JAPAN FAILED FOR 2ND TIME TO PUT SATELLITE INTO ORBIT
WHEN 4TH STAGE OF LAMBDA 4-52 ROCKET DID NOT FIRE

D 20, A-3-3 3*

---1967---

JA 12, D-12-8

SYDNEY, AUSTRALIA-DR. GEORGE MUELLER OF U.S. SPACE PROGRAM SAID
HERE JAPAN EXPECTED TO SHOOT SATELLITE INTO SPACE BY END '67

--1967--

AP 13, D-8-7

UCHINOURA-JAPAN FAILED IN 3RD ATTEMPT TO PUT SATELLITE INTO EARTH ORBIT

MY 11, D-19-8

TOKYO-JAPAN TO DEVELOP FIRST COMMUNICATION SATELLITE IN 1969

--1969---

S 22, D-9-5 100

UCHINOURA-JAPAN FAILED TO PUT SATELLITE IN EARTH ORBIT FOR THE FOURTH TIME-

---1970---

S 25, A-2-3

FIRST SATELLITE DESIGNED TO GATHER DATA ON SPACE FAILED TO GO INTO ORBIT

--1971-- F16, A-1-1

UCHINOURA- JAPAN LAUNCHES A SATELLITE

S28, D-5-8

JAPANESE ORBIT 3RD SATELLITE.

-1972-

Ag 27, B-8-4

UCHINOURA^{14/} NEWEST SATELLITE STILL ORBITING BUT MECHANICAL FAILURE HAS STOPPED TRANSMISSION OF INFO.

--1974----

F17, A-7-3 HOME

PUT TEST SATELLITE INTO EARTH ORBIT.

---1975---

JL 22, A-8-1

TOKYO-JAPAN SIGNED CONTRACT WITH US UNDER WHICH 3 JAPANESE SATELLITES WILL BE LAUNCHED IN 1977 & 1978 FROM CAPE CANAVERAL

LAUNCHED EARTH SATELLITE YESTERDAY

S10, B-1-7W

SATELLITES - JAPAN

1978

AP 8, A-16-1

CAPECANAVERAL-DELTA ROCKET BOOSTED EXPERIMENTAL JAPANESE
SATELLITE INTO SPACE TO AID JAPANESE TV

-1981-

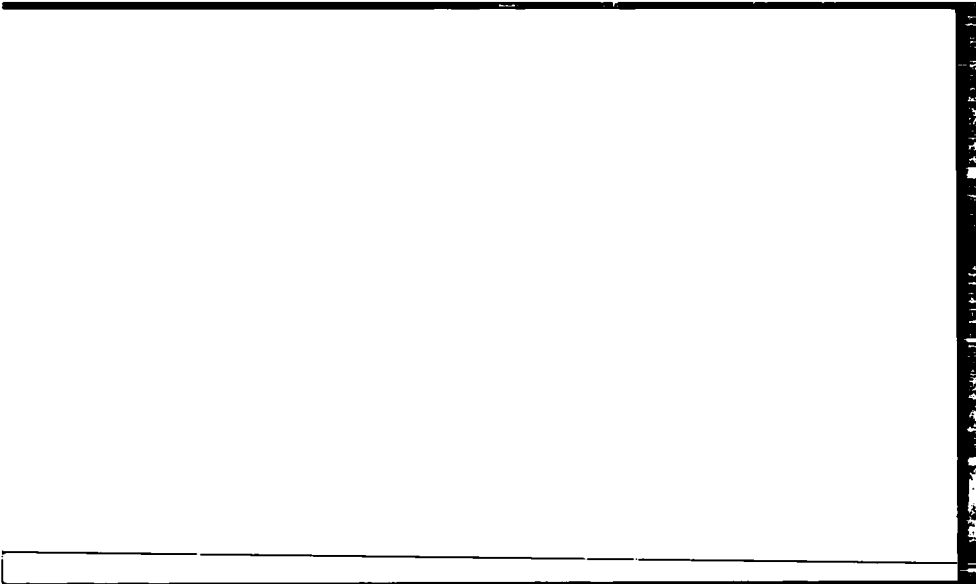
F 13, A-4-1

JAPAN LAUNCHED EXPERIMENTAL SATELLITE.

-1990-

Mr 19 A 3-1 2Dot

Japan's 1st lunar probe launched a smaller satellite into
orbit around the moon early today

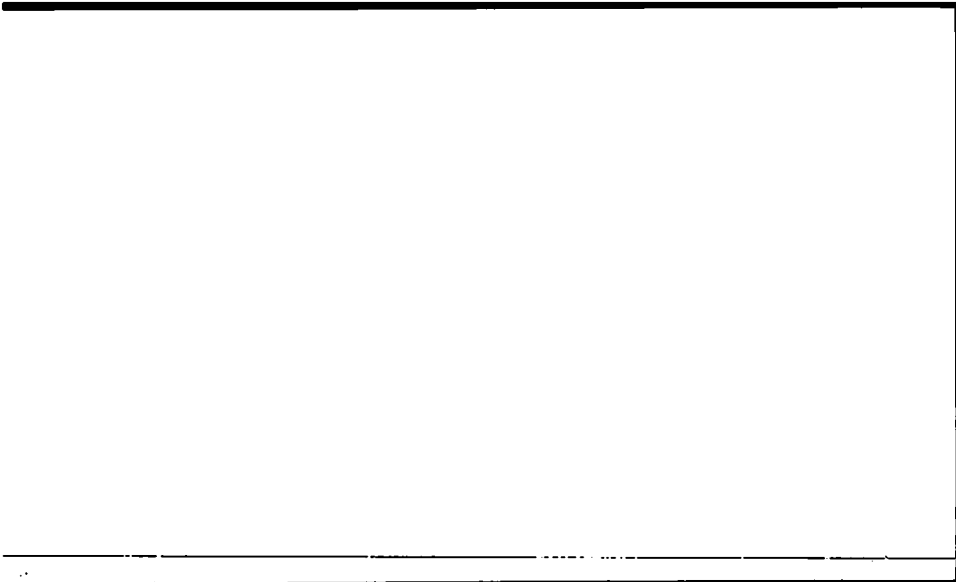


SATELLITES: JUNO 11

1961

RELIEVED NOT IN ORBIT

F 26, A-16-1 3*



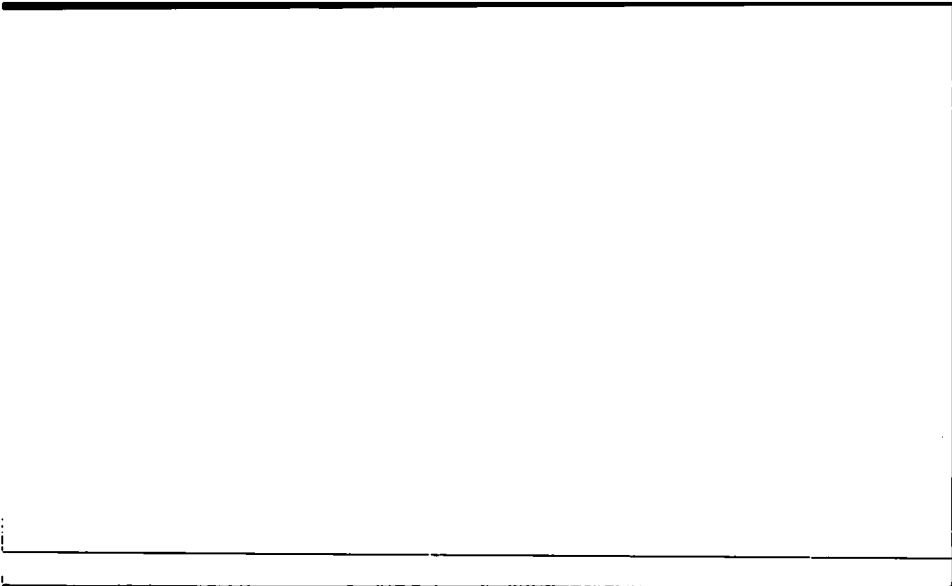
SATELLITES : KH-11

1978

N 23, A-3-6

**DC-STOLEN DOCUMENT TIPS SOVIETS THAT IT PHOTOGRAPHED STUFF
-1987- 0 27 A-3-4**

**Vandenberg AFB, Cal-1st Titan 34D launched since same type
blew up on liftoff a year ago is probably carrying top-
secret spy satellite.**



SATELLITES : KILLER

1978

Mr 20, A-13-1

DC-U.S ASKS SOVIET MEETING ON KILLER SATELLITE BAN

AP 11, A-13-1 2DOT

WASH-US/SOVIETS TALK ON BANNING KILLER SATELLITES IN SPACE

-1979-

JA 11, B-6-1

DC-US & SOVIET TO RESUME TALKS IN ATTEMPT TO BAN SATELLITES IN SPACE.

--1980---

JA 11, A-3-1

DC-RUSSIA/US RELATIONS WILL ACCELERATE RACE ON ABOVE

-1981-

JA 17, C-3-2

ALBUQUERQUE, N.M.-LASER-BEAM WEAPON TESTED ABOARD PLANE. MAY BE ABLE TO PICK OFF ENEMY MISSILES FROM OUTER SPACE.

F 6, A-2-2 2DOT

DC-RUSSIANS ORBIT 'KILLER', DONT DESTROY TARGET

Mr. 19, A-8-5

DC- RUSSIA^{NS} FIRED SATELLITE AT TARGET IN SPACE SATURDAY IN 'SUCCESSFUL EXPERIMENT.

-1984-

F 29, A-4-1

MOSCOW-RUSSIA CHGD THAT US PLANS TO EQUIP F-15 JETS WITH
ANTI-SATELLITE WEAPONS & DEPLOY THEM.

My 21, A-1-4

DC-US SHOULD SUSPEND TESTING OF NEW WEAPON SAYS HOUSE PANED

My 24, A-7-4

DC-HOUSE VOTED TO PROHIBIT TESTING OF ANTI-SATELLITE WEAPON.

-1985-

Je 27, A-1-6

DC-House voted to ban testing of anti-satellite weapons

Ag 21, A-1-3

SANTA BARBARA Calif-Air Force will soon conduct its first
test in space.

Ag 22, A-16-1

Deterrence in Space-Edit

Ag 22, E-2-5

Moscow-US plans to test weapon was step toward large-scale
militarization of space chgs. Russia

S 5, A-1-5

Moscow-Russia may deploy anti-satellite systems in space if
US goes ahead with planned test of anti-satellite rocket

SATELLITES : KILLER

1985

S 12, C-6-1AM

Test of US anti-satellite weapon won't hurt US-Soviet efforts to negotiate ban on weapons says K. Adelman

S 13, A-10-2

Way cleared for 1st test of anti-satellite weapon

S 14, A-1-5

DC-US successfully tested anti-satellite weapon.

S 15, A-8-5

Moscow-Soviets called testing dangerous & says US bent on arms race in space

S 23, F-16-1

~~London-US Air Force generals & Pentagon officials opposed to deployment of Amer anti-satellite system because of fear of a Soviet space mine that could destroy it.~~

Ag 22, A5-24do

Anti-satellite weapon tested

-1-986-

0 1, A-2-4 No dot

Satellite-killing rocket a success

S 5, Roto 12

HOW SPACE CAMERA CHARTS THE FUTURE-PIPP 0 18, B-8-1
ANNARBOR-ROBT.K.VINCENT'S GEOSPECTRA CORP., AMONG SEVERAL
FIRMS BEING NATIONALLY TO USE LANDSAT DATA FOR SPECIFIC OB-
JECTIVES-PIPP

-1978-**MR 17, B-2-1 D**

LANDS-NASA CHASTISES MICH FOR NOT USING DATA

-1982-**JL 15, A-10-1 AM**

DC-U.S TO SEND SATELLITES FOR RESOURCE PROBES

-1984-**JL 19, C-1-5**

REAGAN SIGNS BILL TO SELL LANDSAT TO PVT FIRMS

1 1 1

1

1

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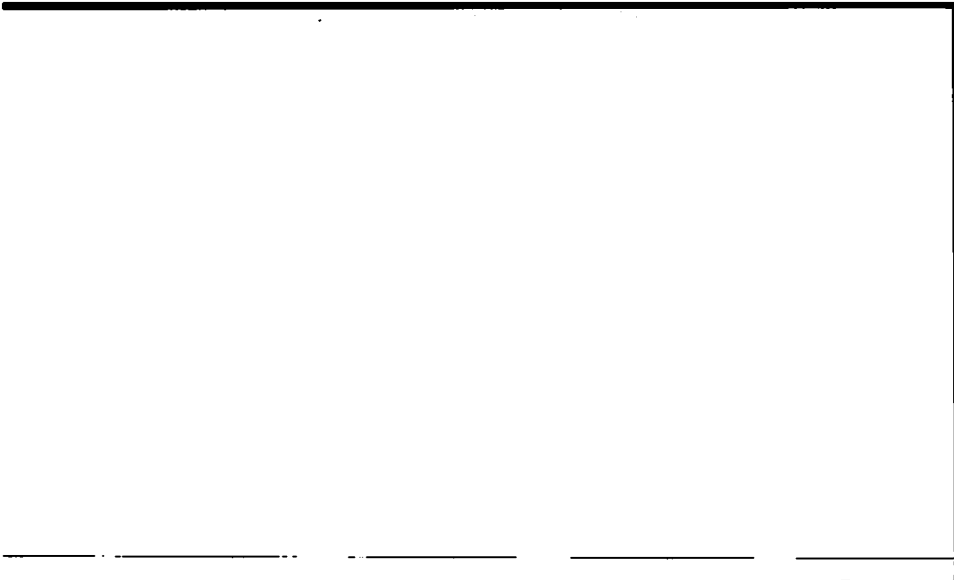
1

SATELLITE : LANDSAT 7

1999

Ap 16 A 5-1

Vandenberg Air Force Base, CA-NASA launched this satellite
to monitor global conditions, details



1966

SATELLITES : LANI BIRD 1

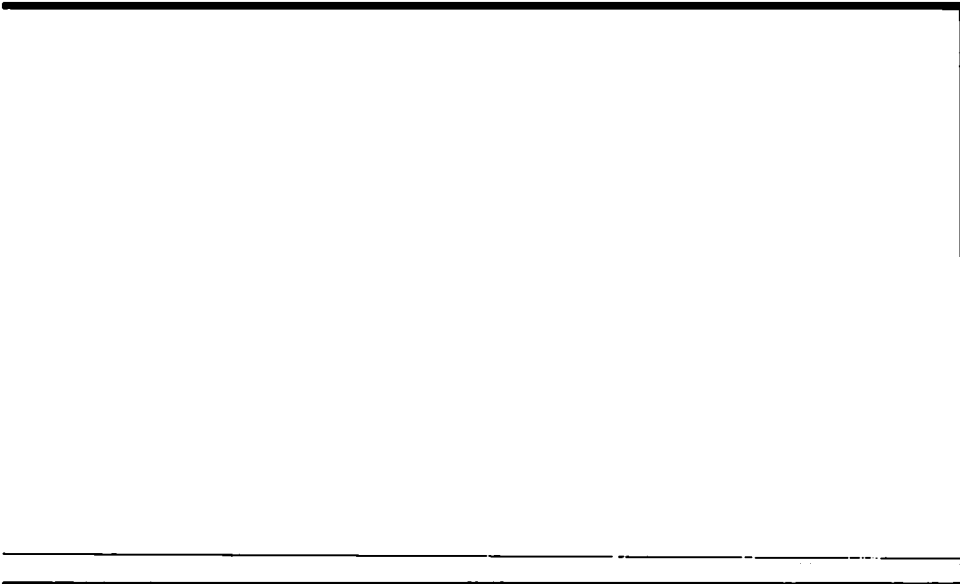
O 31, A-3-4

WASH-COMSAT SAID ABOVE NEW COMMUNICATION SATELLITE HASN'T
REACHED DESIRED ORBIT 23,300 MILES & DOUBT CAN BE USED NOW
TO RELAY TV & PHONE SIGNALS BETW. U.S.-FAR EAST

--1967--

JA 8, A-6-1

NASA TO LAUNCH A NEW LANI BIRD SATELLITE JA11 TO REPLACE
ONE LAUNCHED LAST OCT. 30 THAT DID NOT ORBIT PROPERLY-PIPP



1967

SATELLITES: LANI BIRD 2

JA 11, A-16-7

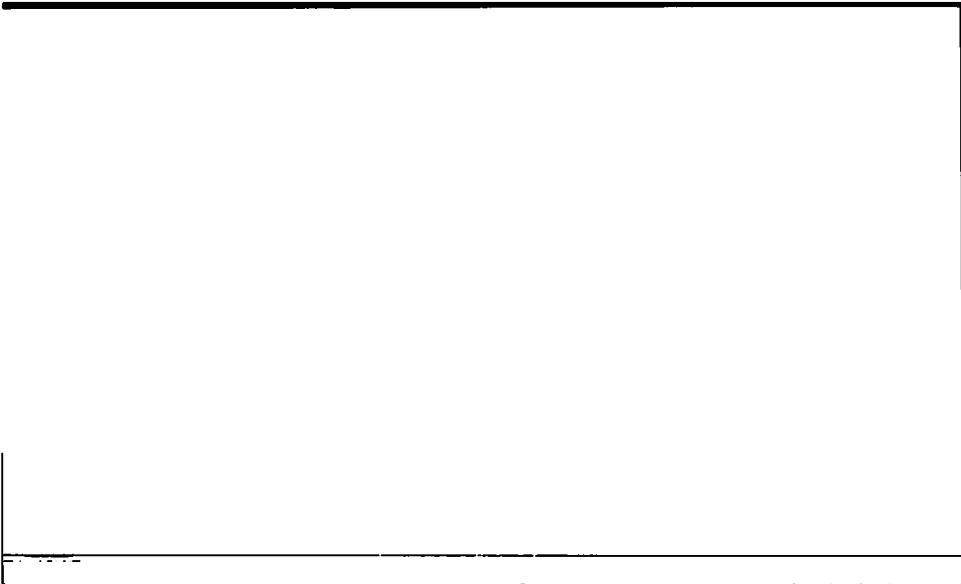
CAPEKENNEDY-SUCCESSFULLY BLASTED TOWARD EARTH ORBIT TO PROVIDE CONSTANT SPACE COMMUNICATIONS LINK-PIPP

JA 15, A-20-1

WASH-IN ORBITM, FIRED JA 14

JA 16, C-10-6

TO INAUGURATE COMMERCIAL COMMUNICATIONS WITH JAPAN THIS MONTH



1976

SATELLITE: LASER GEODYNAMIC

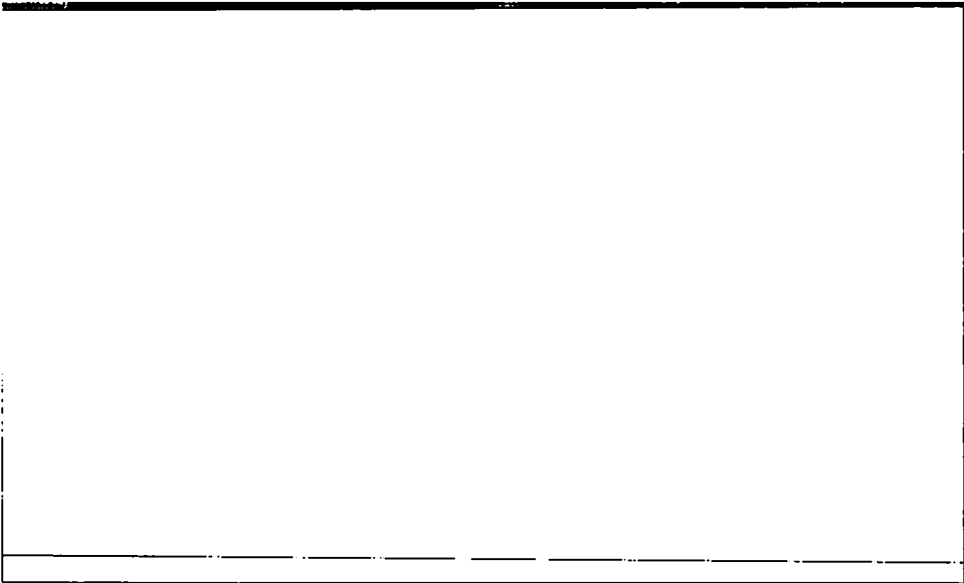
AP27, B-2-1 STATE

BUILT IN ANN ARBOR BY BENDIX AEROSPACE SYSTEMS TO BE LAUNCHED
MY 30R 4TH FOR MEASURING RATE OF CONTINENTAL DRIFT.



SATELLITES: LDEF (Long Duration Exposure Facility) 1990

	Ja 8 B-2-4 NoDot
Cape Canaveral, Fla-	Rescue of satellite could yield trove of data.
	Ja 9 A-3-2
Cape Canaveral, Fla-	Space shuttle Columbia starts rescue mission

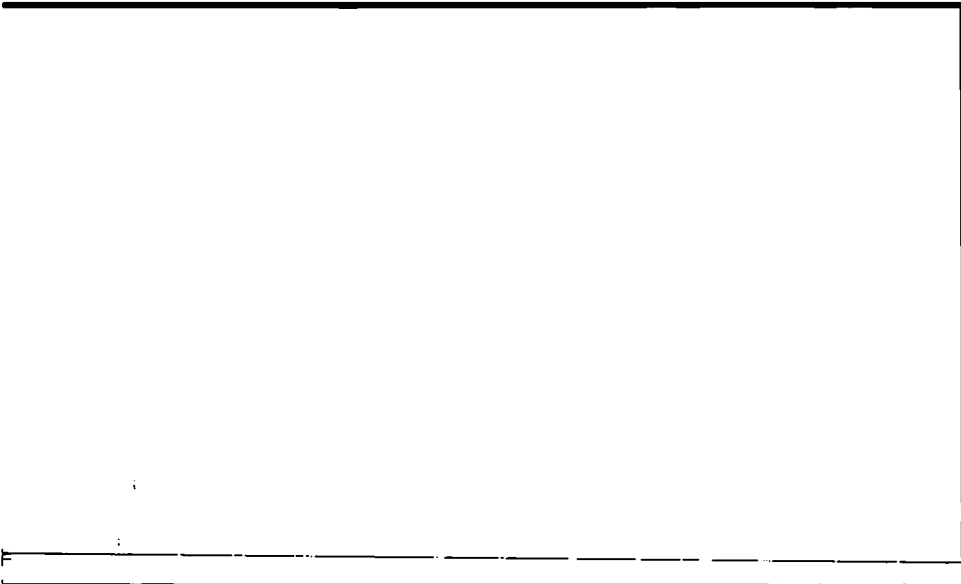


SATELLITES : LES 4

1968

S 26, A-14-1

4 SATELLITES ORBITED BY TITAN-3

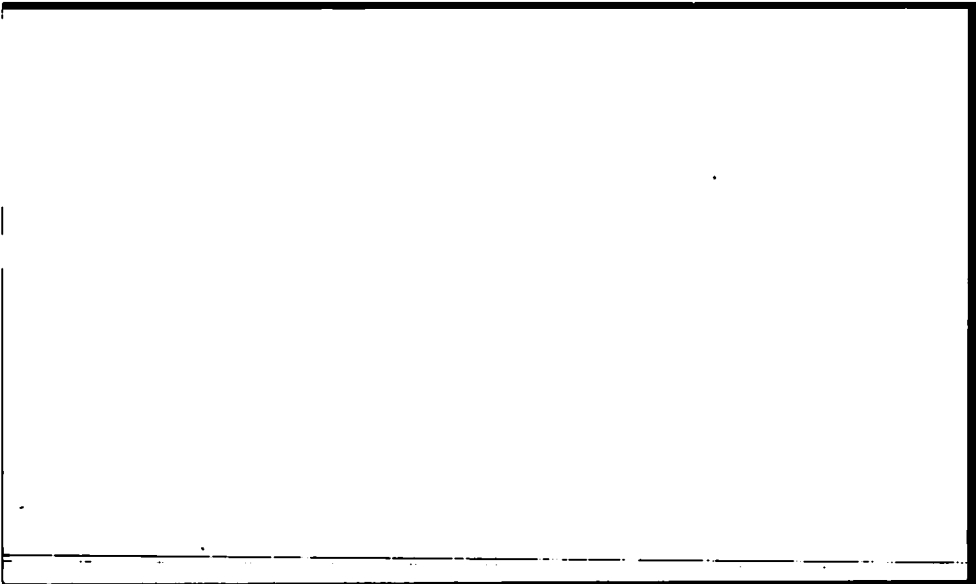


54-LD "HITCHHIKER" SPHERE IN SPACE TO STUDY COMMUNICATIONS

F 22, A-1-8

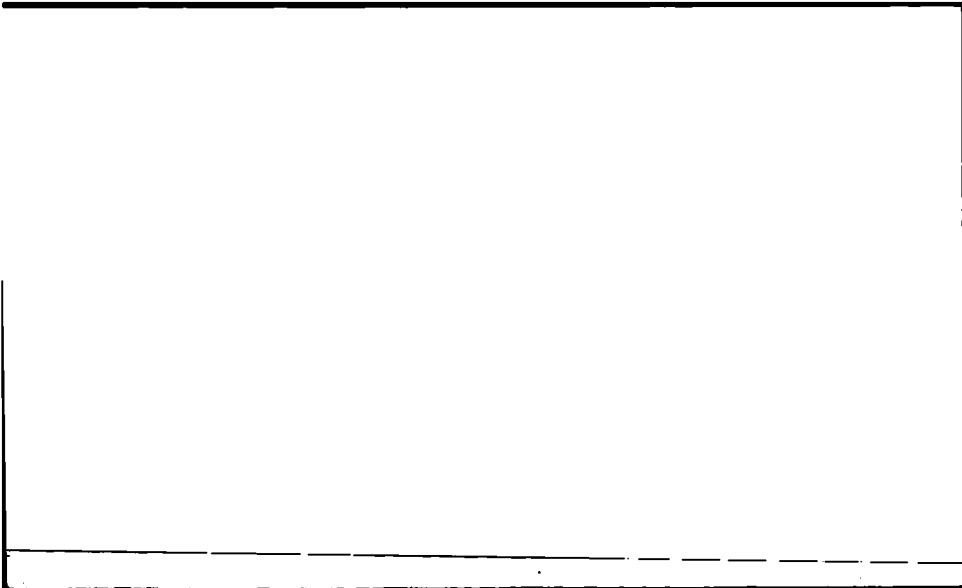
F 22, A-1-2 LF

& TRANSIT 111-B SEEM TO BE ORBITING TOGETHER



SATELLITES - LUNAR ORBITER

SEE SPACE - FLIGHTS - LUNAR ORBITER

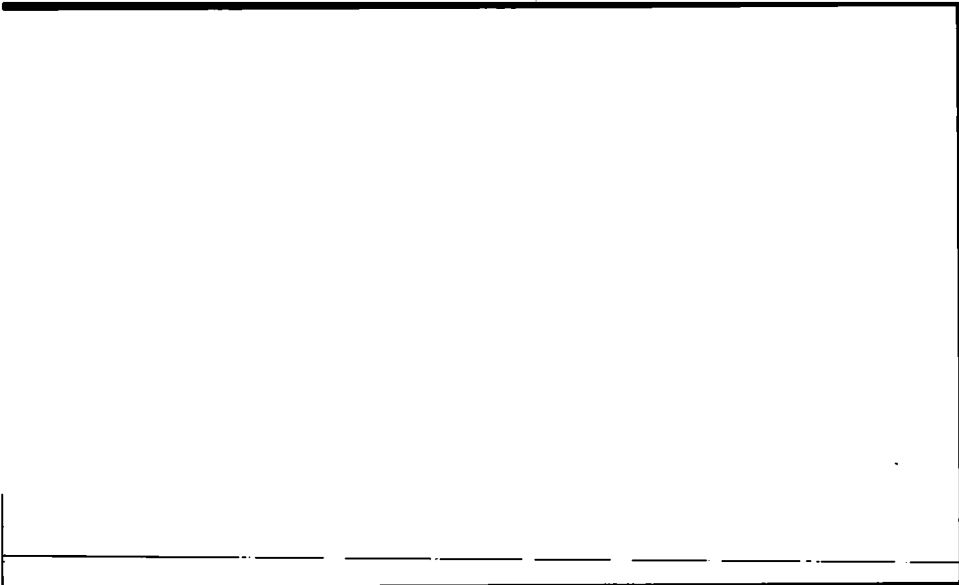


1976

~~SATELLITES: MARISAT II~~

JE9, E-3-3 STATE

SCHEDULED TO BE LAUNCHED ABOARD A DELTA ROCKET TONIGHT.

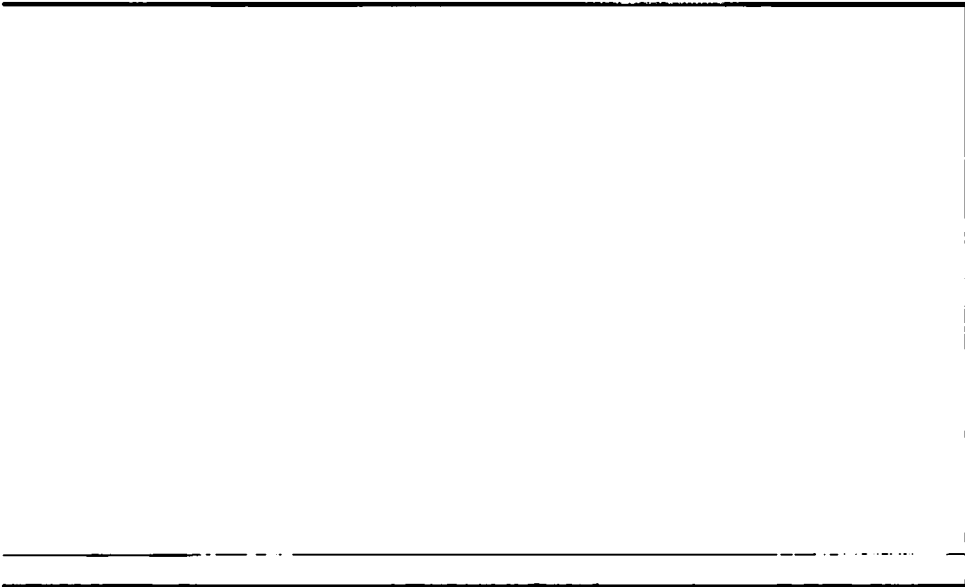


SATELLITES: MARISAT III

1976

**CAPE CANAVERAL-1ST MARITIME COMMUNICATIONS SATELLITE SET FOR
LIFTOFF TONIGHT**

0 21, D-1-1 1-DOT



SATELLITES: MICHIGAN

1958

JACKSON-TEACHER RALPH CHAPMAN & HIS OWN SATELLITE

F 1, 2-5

KALAMAZOO-WITHIN 2 YRS, U OF M. TO SEND A SATELLITE INTO ATMOSPHERE TO
STUDY TEMPERATURES

MY 9, 14-1

--1967--

MR 19, F-1-1

LIVONIA-9 STUDENTS AT FRANKLIN HIGH SCHOOL ARE BUILDING SATELLITE
THEY HOPE AIR FORCE WILL LAUNCH THIS SUMMER-CAMPER

--1975--

AP 7, A-3-1

MICH. TO USE SATELLITE DATA TO CUT LOSS OF VALUABLE WETLANDS-
KERWIN

-1980-

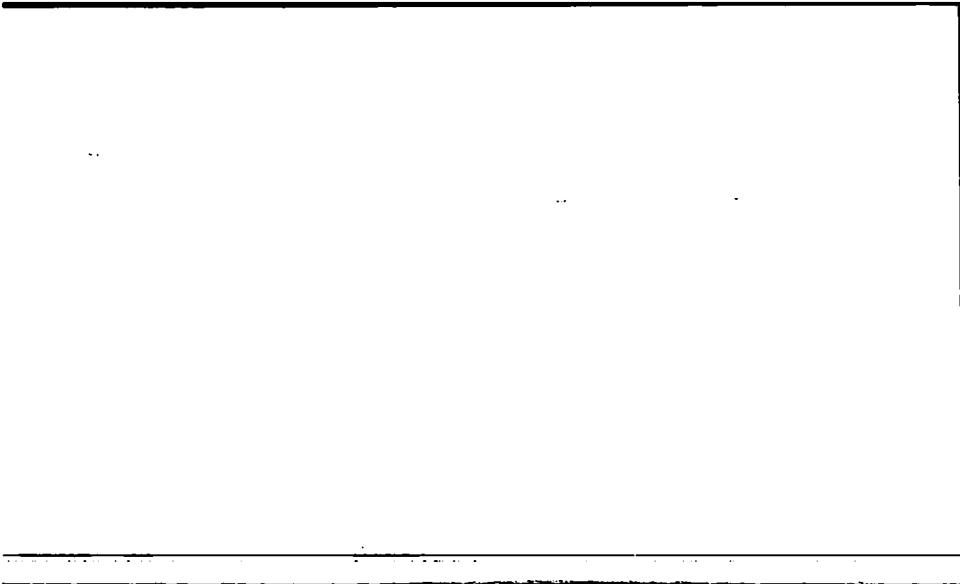
JA 31, B-1-2AM

MACHINE TRADES CLASS IN VOC EDUC CENTER IN ROYAL OAK IS MAKING
PARTS FOR COMMUNICATIONS SATELLITE-J. SMITH

-1984-

D 27, B-7-1

LANS-STATE SENDS OUT PUBLICITY OVER SATELLITES

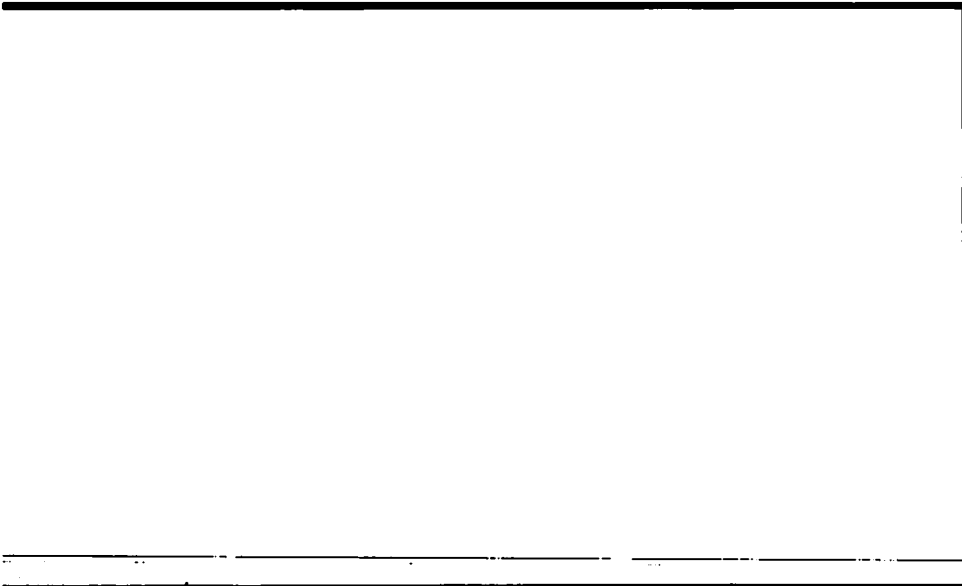


SATELLITES - MIDAS III

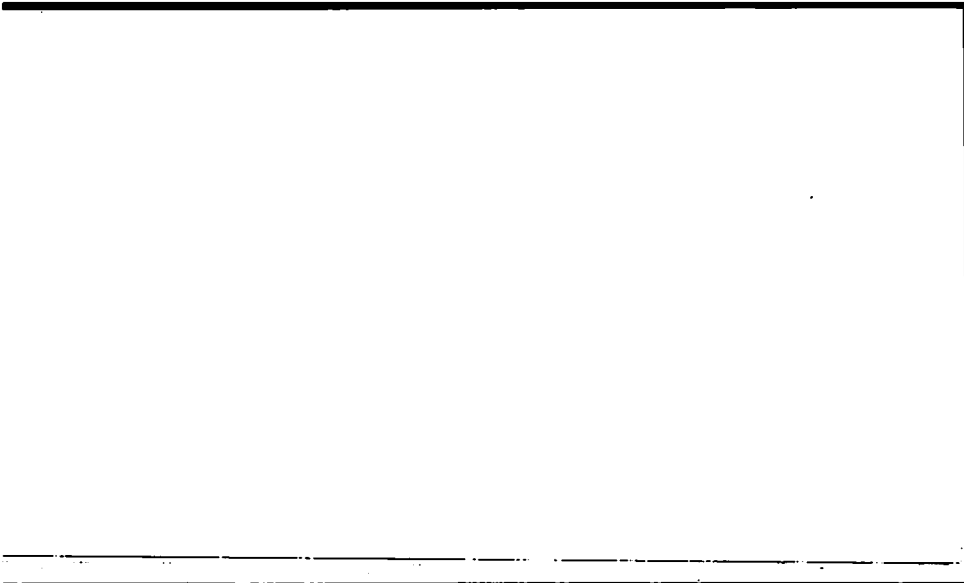
1961

JL 24, A-1-8

SOVIET JOURNAL RED STAR AGAINST ABOVE FLIGHTS -SAY CONSTITUTE
ESPIONAGE & AGGRESSION



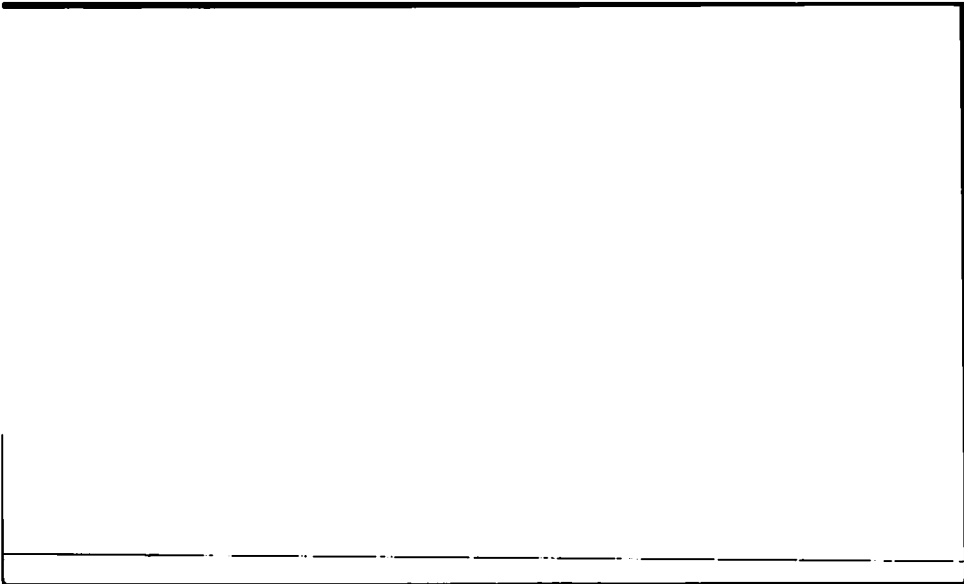
POINT ARGUELLO, CALIF.-POSTPONE ATTEMPT TO LAUNCH ABOVE	0 19, A-16-6 FIN 5
POINT ARGUELLO-VALUED INTO ORBIT EJECTING 350 MILLION COPPER WIRES IN	0 22, A-1-7
MISSILE DETECTION TEST	0 22, A-1-4 2°
ORBITS COPPER WIRES AS COMMUNICATIONS BAND AROUND EARTH	0 23, A-15-4 FIN 3
WORLD CRITICISM GROWS OVER COPPER NEEDLES	0 25, A-4-7 FIN 3
FIRES TITAN MISSILE IN SUCCESSFUL TEST	



SATELLITE: MIDAS "SPY IN THE SKY"

1960

U.S. TRIES UNSUCCESSFULLY TO PUT EXPERIMENTAL ABOVE INTO ORBIT
F 26, A-1-5 LF
MY 10, A-8-1
U.S. NOW WORKING ON ABOVE TO TAKE PICTURES OF RUSSIA - MY 15, A-9-1
HIGH PRIORITY ASSIGNED TO ABOVE-BALL
MY 24, A-1-3 FIN 5
CAPE CANAVERAL-FIRED INTO ORBIT
MY 25, A-3-1
ORBITS AROUND EARTH IN MISSILE DETECTION TEST



How HIGH IS UP?-EDIT.

ABOVE CALLED FAILURE

POINT ARGUELLO,CALIF.- ABOVE MISSILE DETECTOR,ORBITS

--1961--

U.S.& BRITAIN TO ESTABLISH ABOVE MISSILE DEFENSE ALARM SYSTEM STATION
IN CUMBERLAND,ENG.

AIR FORCE SILENT ON NEW "SKY SPY"SHOT

--1962--

POINT ARGUELLO,CALIF.-SKY SPY SUCCESSFULLY LAUNCHED BY AF

My 26, R-12-1

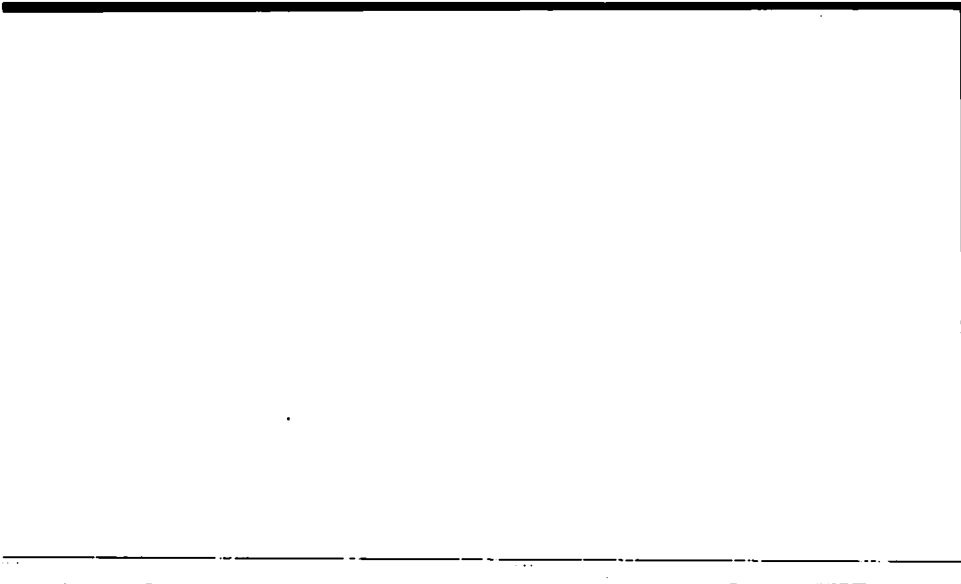
My 27, R-4-3 MAIL

JL 13, A-3-1

JL 20, B-9-1

N23, A-3-2

Ap 9, A-1-5 LF

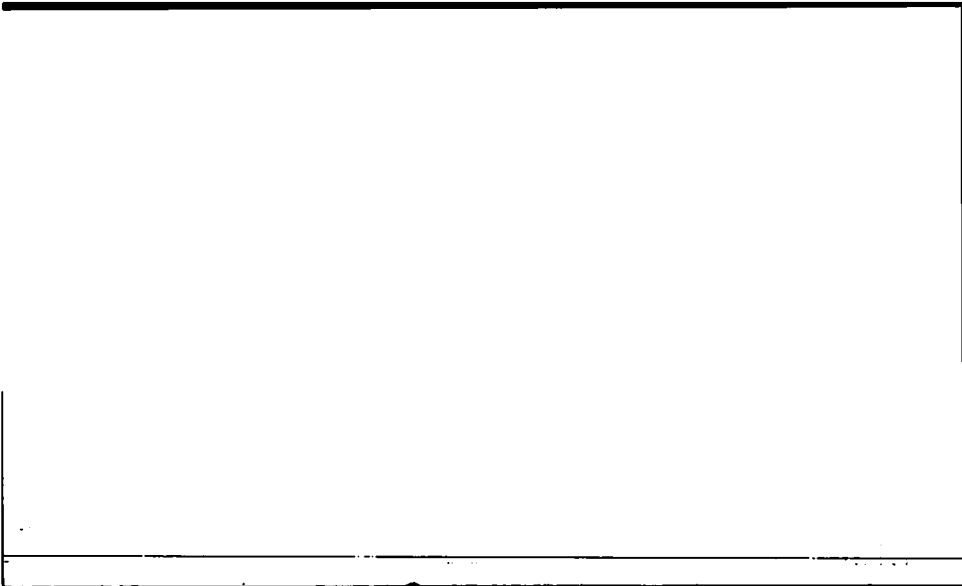


SATELLITES: NAMES

1962

U.S. SATELLITES OF FUTURE TO BE DESIGNATED WITH ARABIC NUMERALS RATHER
THAN GREEK LETTERS

D 31, A-4-5 FIN3



SATELLITE? NATO J

1970

MR 21, A-2-1

LAUNCHED BY US TO OPEN HOT-LINE MESSAGE CHANNELS BETWEEN
NATO HEADQUARTERS, FORCES IN FIELD, AND WESTERN CAPITOLS

MR 23, A-16-1

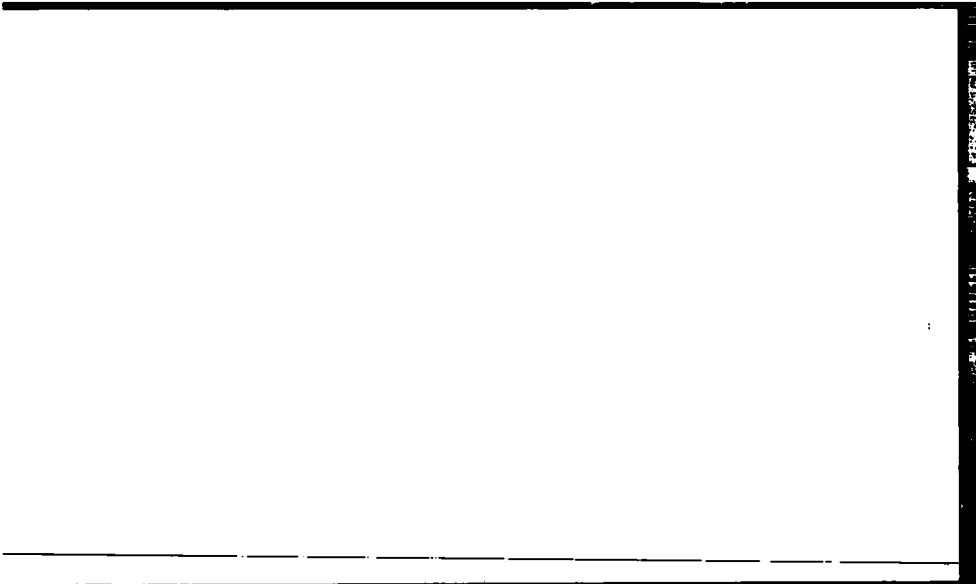
CAPE KENNEDY-NATO 1 COMMUNICATIONS SATELLITE MOVING TO
PERMANENT ORBITAL PARKING PLACE

---1971--- F3, A-10-8RACE

CAPE KENNEDY- 2ND COMMUNICATIONS SATELLITE IS PUT INTO ORBIT

-1978- N 11, A-17-1

NATO III LAUNCHED



1965

SATELLITES : ~~NAVIGATION~~ NAVIGATIONA:

WASH-NAVY DISCLOSED SHIPS HAVE BEEN USING ABOVE SINCE LAST JF TO
PINPOINT LOCATIONS MORE ACCURATELY

---196600-

JA 13, A-18-1 3*

S 26, A-17-4

NY-OCEANOGRAPHIC RESEARCH SHIP VEMA ABLE TO NAVIGATE BY USE
OF SATELLITE

-1980-

MR 26, A-18-1ST

LA-NAVIGATION SATELLITES BEING SENT INTO SPACE AS MODERN
VERSION OF STONE LIGHTHOUSES. \$5 BILLION NAVSTAR PROGRAM
TO HELP SHIPS, PLANES.



SATELLITES - NAVSTAR

1974

JE 6, C-3-1

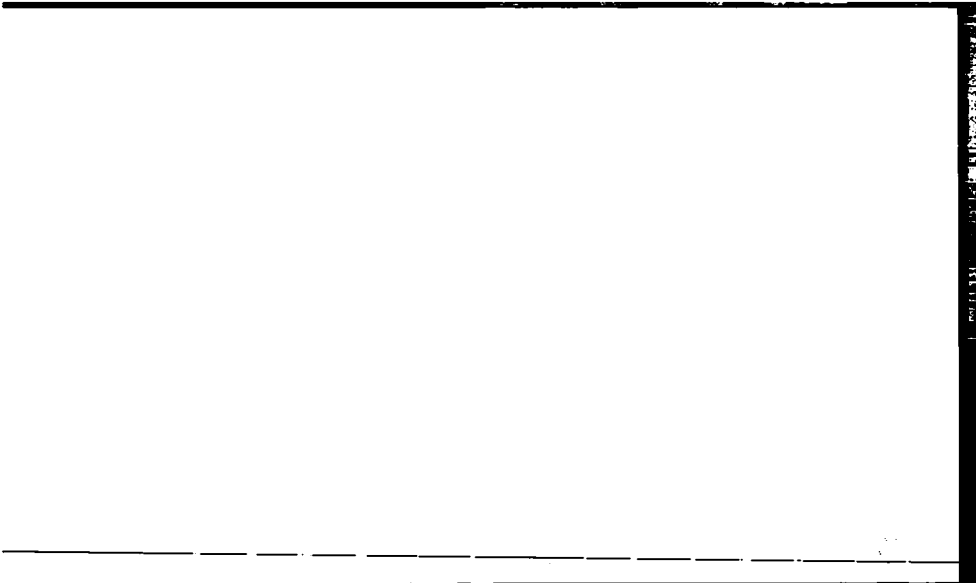
BEING USED AS SATELLITE LNAVIGATION SYSTEM IN DEFENSE DEPT. FOR
MILITARY & CIVILIAN USE-PIPP -1989-

Je 11 A-1-1

Cape Canaveral, Fla-3 stage Delta 2 rocket designed to
locate military forces within 50-ft rockets into orbit.

D 12, A-3-1

\$65million Navstar put in orbit Mon



1962

SATELLITES : NAVY

My 23, C-1-4 FIN 3

TO SET UP SPACE SATELLIT UNIT

1965

SATELLITES - NIMBUS

WASH.-JOSEPH CAMPBELL, CHIEF GAO, CHARGES NASA WITH WASTING \$1.2 MIL-
LION OF TAXPAYERS' MONEY ON ABOVE

F 4, A-19-6

N 14, A-6-5 2*

PICTURES SHOW MT SIPLE, ANTARCTICA PEAK, 45 MILES, FARTHER WEST, THEN
MAPS DO NASA REPORTS.

---1966---

AP 7, F-4-1

VANDENBERG AIR FORCE BASE, CALIF- 912 LB NIMBUS 2 WILL TRANSMIT 3,000
PICTURES DAILY TO SCIENTISTS SCHEDULED FOR LAUNCH AP 26

MY 16, A-3-3

GREENBELT, MD.-SCIENTISTS AT GODDARD SPACEFLIGHT CENTER BEGAN EVALUATING
1ST OF THOUSANDS OF PHOTOGRAPHS BEING TRANSMITTED BY ABOVE

MY 21, A-3-3

WASH-WEATHER EYE FLICKERS, SUN'ECLIPSES' NIMBUS 2
FIRST ANNIV MARKED BY PARTY FOR WEATHER FORECASTERS

JE 28, G-1-2

---1968---

O 10, A-8-4

SANTABARBARA, CALIF-DIVERS RECOVERED ITS GENERATORS LOST MAY 18 SHORTLY
AFTER IT WAS LAUNCHED

---1969---

AP 14, B-1-3

VANDENBERG- ABOVE TO SEND BACK PHOTOS OF EARTH'S CLOUD
COVER.

---1970---

F 25, A-16-4

JACKSON-MONIQUE THE WILD ELK FOUND DEAD, PROBABLY OF PNEUMONIA

1971

---1970---

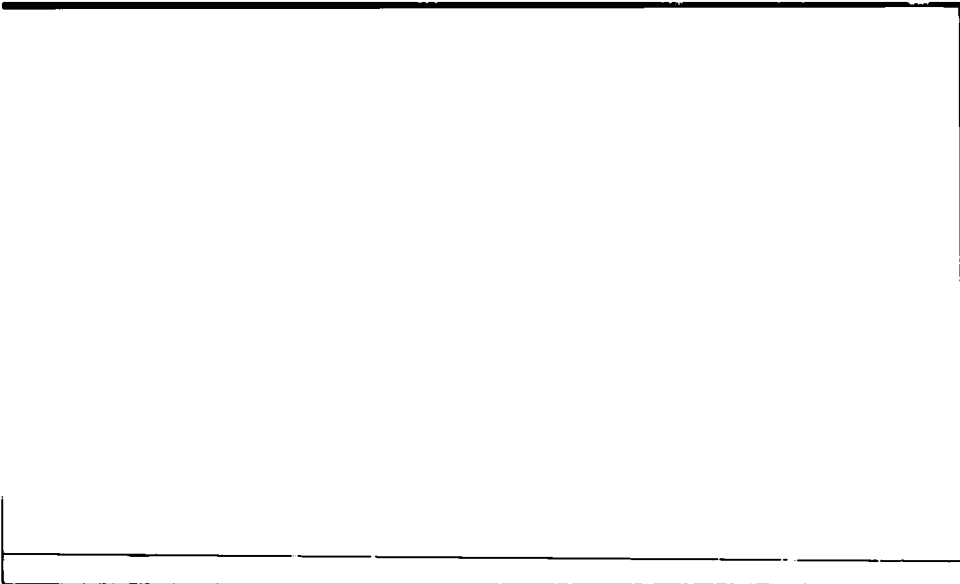
AP 9, D-11-4 RACE

VANDENBERG AIR FORCE BASE, CALIF-NIMBUS 4, MOST SOPHISTICATED
LONG-RANGE WEATHER FORECASTING SATELLITE LAUNCHED YESTERDAY

1964

SATELLITES - NOAH'S ARK

WASH-NASA TO SEND MENAGERIE OF ORGANISMS, ANIMAL & VEGETABLE INTO
ORBIT FOR 3 DAYS NEXT YR. F 20, C-8-8 F IN 5



SATELLITES: OBSERVATORIES

1960

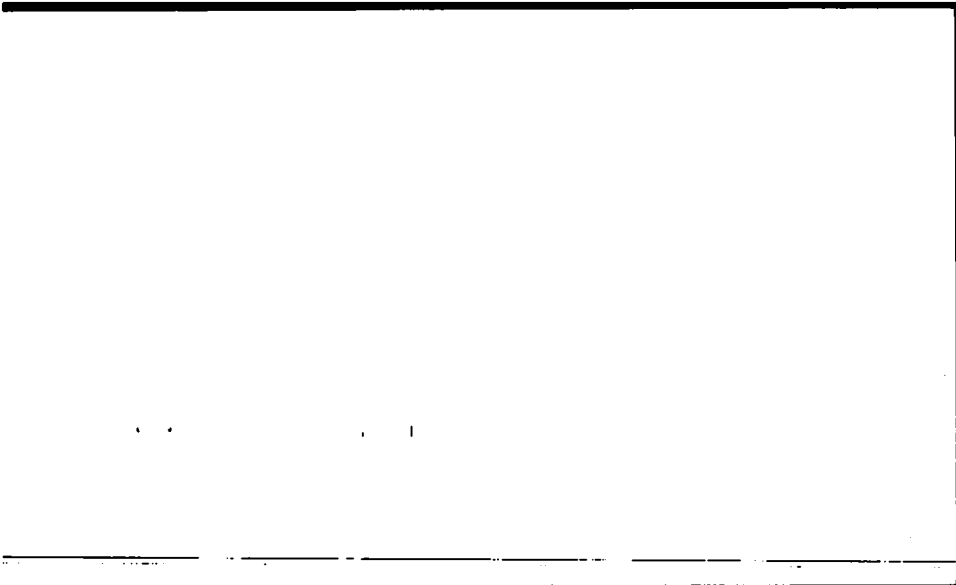
MADISON, WIS.-UNIV. OF WIS. TELLS OF PROJECT UNDERWAY TO LAUNCH ABOVE

AG 5, A-2-5

—1973—

F1, A-19-1

NY—U.S. ANNOUNCED IT IS WILLING TO FURNISH ALL DATA
COLLECTED BY ITS EARTH OBSERVATION SATELLITES TO AN INTER-
NATIONAL DISTRIBUTION CENTER



1965

SATELLITES: OGO

O 13, C-24-1

CAPE KENNEDY-US PLANS 1-2 SCIENTIFIC ASSAULT ON SPACE BY LAUNCHING 3
SATELLITES NAMED OGO FROM EAST & WEST COAST ROCKET CENTERS

---1966---

MY30, A-4-5

CAPE KENNEDY LAUNCH FOR ABOVE SCHEDULED MY 31 POSTPONED-INDEFINITELY

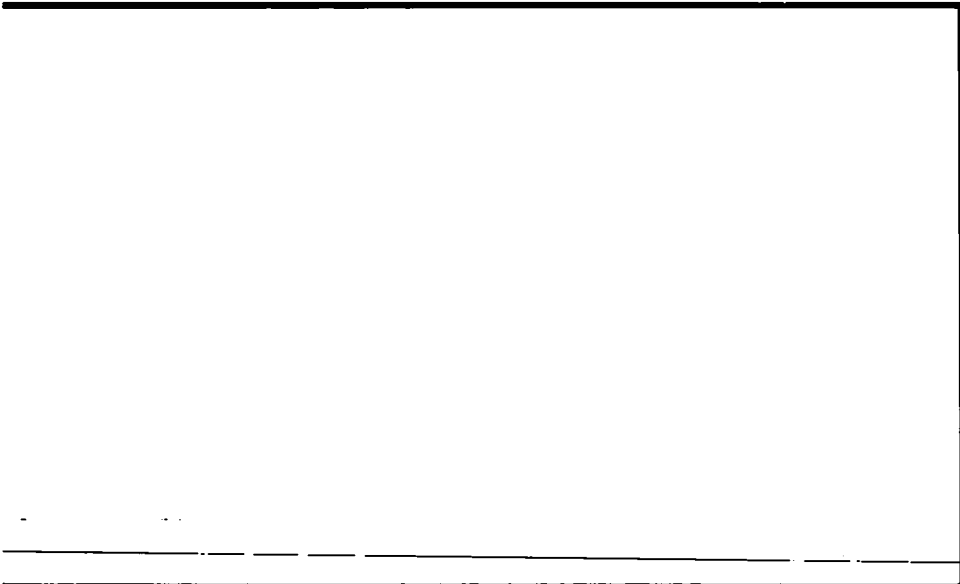
JE 7, A-3-4

CAPE KENNEDY-ABOVE SATELLITE WAS PLSTED INTO EARTH ORBIT JE6 TO STUDY
RELATIONSHIP BETWEEN SUN AND EARTH-PIPP

---1969---

JE 5, A-20-1

VANDENBERG AIR BASE, CALIF-OGO 6 (ORBITING GEOPHYSICAL OBSERVATORIES) ROC-
KETED ALOFT, FIRED BY THORAD-AGENA BOOSTER



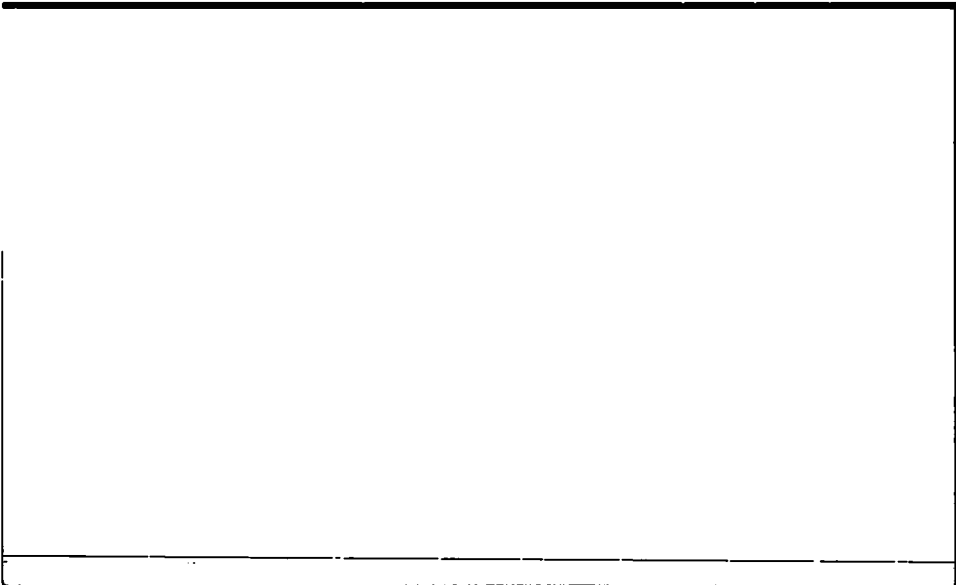
SATELLITE - OGO 2

1965

~~O-14, C-12-1~~

VANDENBERGAFBASE-FIRED TOWARD POLAR ORBIT O 14 O 17, A-19-4

WASH-HAD TROUBLE KEEPING STEADY IN ORBIT & WAS PUT ON REDUCED WORK
KXK LOAD U 16



SATELLITES - OSCAR

1962

SUNNYVALE, CALIF - LAUNCHED BY USAF JN 1, ORBITING EARTH EVERY 92 MINUTES

JE 2, R-9-7 FTN 3

O 28, 6-10-1

GROUP OF CALIF BUSINESSMEN BUILD ABOVE FOR \$63-D

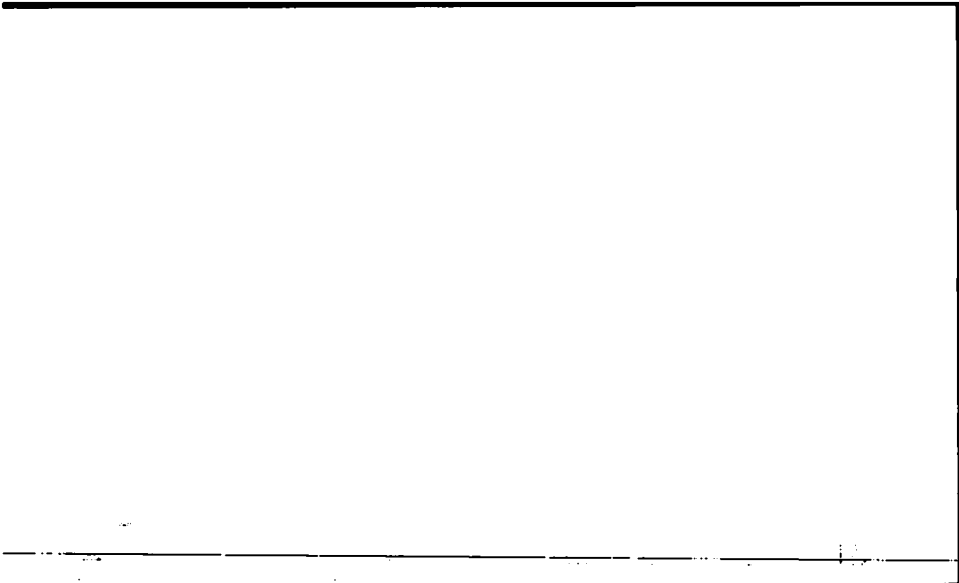
---1965---

D 12, H-1-3

CAPE KENNEDY - OSCAR 4 TO BE LAUNCHED DEC 21 WITH HAM RADIO CHANNELS

D 26, R-20-1

SANFRAN - HAM OPERATORS ABOVE PROJECT IN ORBIT DUE TO A.F. ROCKETS



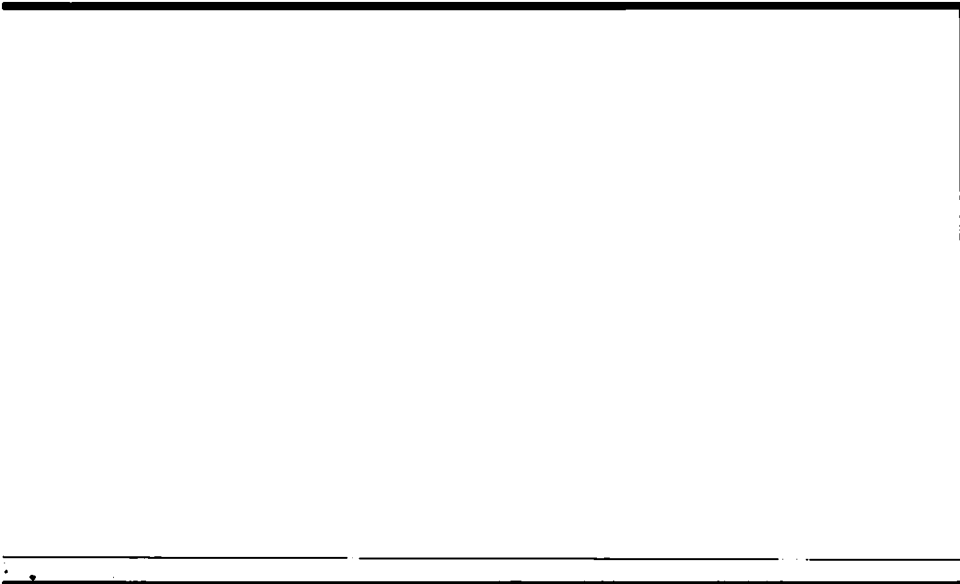
SATELLITES: OSO 6

1969

AG 9, A-1-2LF

CAPE KENNEDY-ORBITED TO STUDY BIRTH, GROWTH, AND DEATH OF
RADIATION STORMS IN THE SUN-
CAPE KENNEDY-LEFT ATOP DELTA ROCKET-

AG 10, B-2-1HOME



SATELLITES: OSO 7

1971

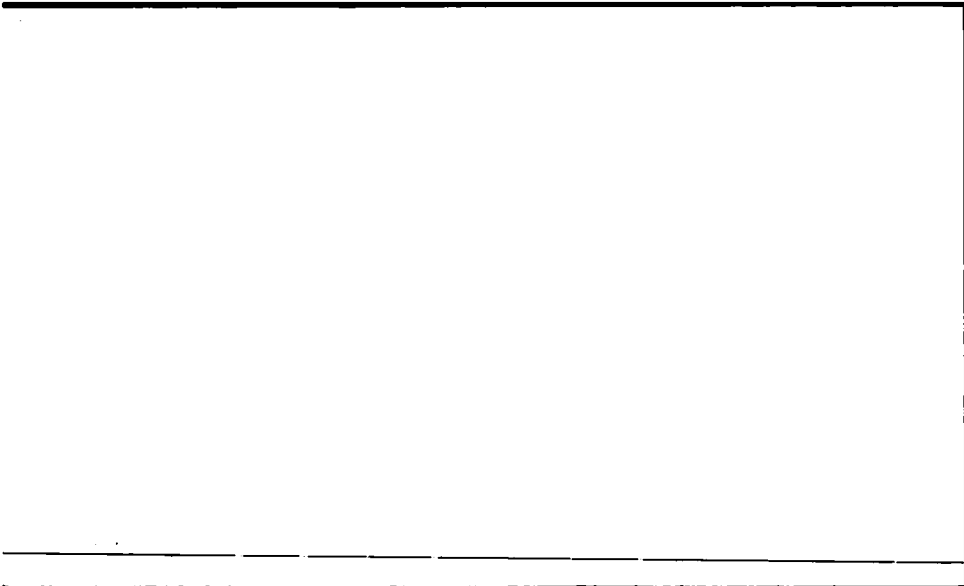
°S29, A-6-4

SATELLITES PUT INTO WRONG ORBIT TO STUDY SUN

S30, A-4-4

SPACE LAB BEAMS IN ON TARGET 06, C-12-8 RACE

**WASH-ABOVE GIVES EARTH SCIENTISTS THEIR FIRST CLOSEUP LOOK
AT THE BIRTH OF A GIGANTIC SOLAR FLARE**



SATELLITE : OSO (ORBITING SOLAR OBSERVATORY)

1962

U.S. TO ORBIT ABOVE TO STUDY SUN'S RAYS
FIRED INTO ORBIT

F 26, A-15-5

MR 7, A-1-1 LF

MR 14, B-7-7

IS WORLD'S 1ST SOLAR SENDING BACK DATA OF EXCELLENT QUALITY
---1965---

F 3, A-3-8 6*

CAPE KENNEDY-OSO-2 SENT INTO ORBIT SUCCESSFULLY, F 3, TO MAKE
COMPREHENSIVE STUDY OF SUN & HOW IT AFFECTS CONDITIONS ON
EARTH

F 4, C-12-3 3*

CAPE KENNEDY-545-LB. SATELLITE, WHIRLS AROUND EARTH, READY TO
BEGIN SURVEY OF SUN & ITS INTENSE RADIATION

AG 23, A-17-3

CAPE KENNEDY-US PLANS TO LAUNCH OSO-3 AG 25-SIMONS

O 10, B-18-1 2*

SANTAMONICA, CALIF-NASA SET O 14 AS DATE TO LAUNCH OSO-3

---1967---

MR 8, A-20-2 5*

CAPE KENNEDY-HAS ROCKETED SPACEWARD TO STUDY SECRETS OF SUN &
HELP GUARD ASTRONAUTS IN FLIGHT TO MOON & PLANETS

MRX 10, B-5*

MR 9, B-5-1

CAPE KENNEDY-WORKING FINE TODAY WITH ITS 9 INSTRUMENTS TO
STUDY SUN

MR 10, F-2-1

STREAKED INTO SKY FROM CAPE KENNEDY TO MARK 1ST FLIGHT OF BOO
BOOSTER, DELTA, SUCCESSFULLY ORBITED INTO ITS PLANNED FLIGHT
PATH-PIPE

---1961---

0 ;19, A-23-5

CAPEKENNEDY-BEAMS NEWS TO EARTH

---1969--+-

JA 22, A-1-2 LF

OSO 5 NEW SATELLITE ORBITTED BY US

AG 9, B-5-5

CAPE KENNEDY-OSO 6 ORBITED TO STUDY BIRTH, GROWTH, AND DEATH
OF RADIATION STORMS IN THE SUN-

----1971----

06, C-12-4

WASH-SPACE AGENCY REPORTS AMERICA'S NEWEST SUNWATCH SATELLITE FLYING
IN THE WRONG ORBIT, BUT WORKING PERFECTLY, HAS GIVEN EARTH SCIEN-
TISTS THEIR FIRST CLOSEUP LOOK AT THE BIRTH OF A GIGANTIC SOLAR FLARE

05, A-6-1

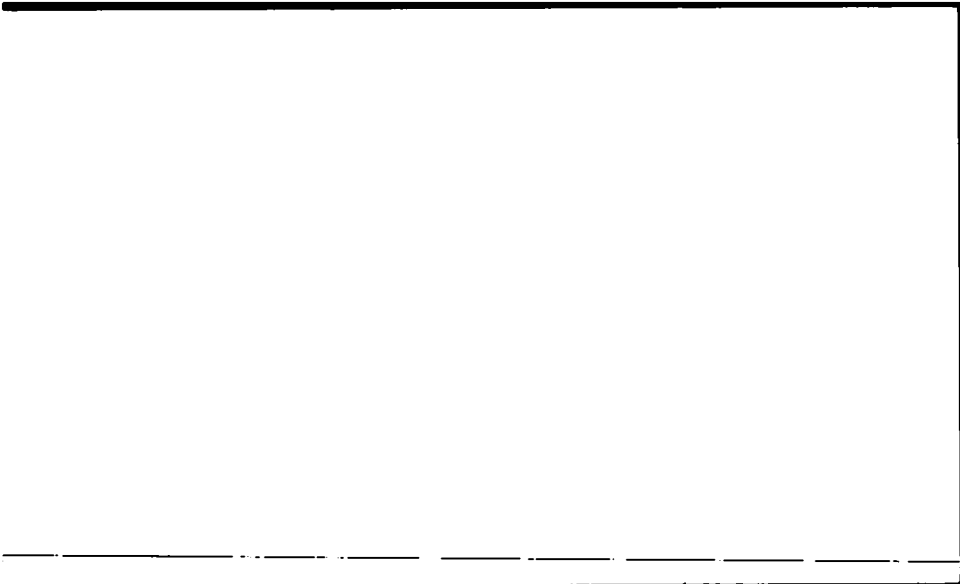
SUN HAS POLAR CAPS SOLAR SATELLITE FINDS.

1966

SATELLITES: OVI

D 12, A-19-5

VANDERBERGAFBASE, CALIF.-SENT INTO ORBIT OVI-9& OVI-10 TO
CHECK RADIATION DANGER TO MAN



SATELLITES : ORBITING ASTRONOMICAL OBSERVATORY 1-9-6-6

1656
CAPEK--TO ROCKET INTO SPACE MR 28. MR 20, B-6-3
MR 27, 0-11-6
ABOVE SET FOR LAUNCH MR 28 FROM CAPE KENNEDY TO GIVE ASTRO
NOMERS FIRST SUSTAINED LOOK INTO UNIVERSE-MILES.

CAPEKEN-LAUNCHING NOW OFF UNTIL AP 4. AP 3, A-15-8 3*
AP 9, A-1-5
US ORBITS 10-EYED MECHANICAL ASTRONOMER NAMED ORBITING ASTRO
NOMY OBSERVATORY (OAO). AP 10, A-6-5

2 PROBLEMS IN NEW STAR-GAZER SATELLITE DELAYING THE TURN ON
OF ITS 10 TELESCOPIC EYES. AP 11, A-3-5
LOST ALL BATTERY POWER AP 10 & STARGAZER SATELLITE IS NOW
LOST IN SPACE--A 2ND ONE TO BE LAUNCHED IN 1967.
-1968-

STAR-STUDYING SATELLITE TO TAKE OFF D 7-PEARSON
D 6, 0-10-1
D 7, A-1-2

CAPE KENNEDY--US ORBITS STARGAZER IN ATTEMPT TO GIVE MAN NEW
LOOK AT SECRETS OF UNIVERSE & MAP SKY FOR FUTURE SPACE
TRAVEL. D 9, A-14-4
SUCCESSFULLY PASSED CIRITICAL ENGINEERING TEST TODAY.

~~*1972*~~1968- D 11, A-8-4

CAPE KENNEDY--TOOK ITS FIRST LOOK AT STAR IN SOUTH HEMIS
NAMED MIAPLACIDUS. D 12, A-16-3

OPENED, TOOK ITS 1ST LOOK AT STAR MIAPLACIDUS. D 15, B-7-8
WASH-GIZER '2' SHOOTS PIC OF STARS INVISIBLE TO MAN.

-1969- MY 4, B-1-6

WASH-SPACE GOOF AT GODDARD SPACE FLIGHT CENTER EROSES SATELL
ITE BRIEFLY. D 7, B-4-1

OUR UNIVERSE IS BIGGER THAN WE SUPPOSED, RELATES ABOVE.

-1970- N 22, A-22-1 HOME

SPACE AGENCY PLANS TO LAUNCH WORLD'S LARGEST SPACE TELESCOPE
TO STUDY STARS. N 23, A-10-5

CAPE KENNEDY--DELAYS PLAGUE SATELLITE LAUNCH
N 25, A-3-5

CONTINUED PROBLEMS WITH GYROSCOPE ON ATLAS CENTUAR ROCKET
HAVE PUT OFF LAUNCHING D 1, A-1-4

COSTING SATELLITE BURNS UP OVER INDIAN OCEAN.
D 1, A-1-4

OAO-3 CARRYING WORLD'S LARGEST SPACE TELESCOPE LIES IN
ASHES SOMEWHERE IN AFRICA OR INDIAN OCEAN; LOSS \$25.5 MILLION
D 3, C-8-8

7 MAN TEAM TO PROBE SATELLITE LOSS.

SATELLITES: ORBITING FROG UTULITH

1970

04, 8-8-1

WALLOPS ISLE- 2 MALE BULLFROGS WILL ROCKET INTO ORBIT OCT
1 9 IN EXPERIMENT TO DETERMINE WHY DISORIENTATION OCCURS
IN MAN AND ANIMAL.



1972

SATELLITES : ORBITING ASTRONOMICAL OBSERVATORY

AG 20, A-18-1

**OAO-COPERNICUS TO BE LAUNCHED AG 21; IS FOURTH AND FINAL
SPACECRAFT IN ORBITING ASTRONOMICAL OBSERVATORIES SERIES.**

PEARSON

N 5, A-14-1 HOME

PRINCETON NJ--GATHERS INFO LEADING TO ORIGIN OF THE STARS.

---1973---

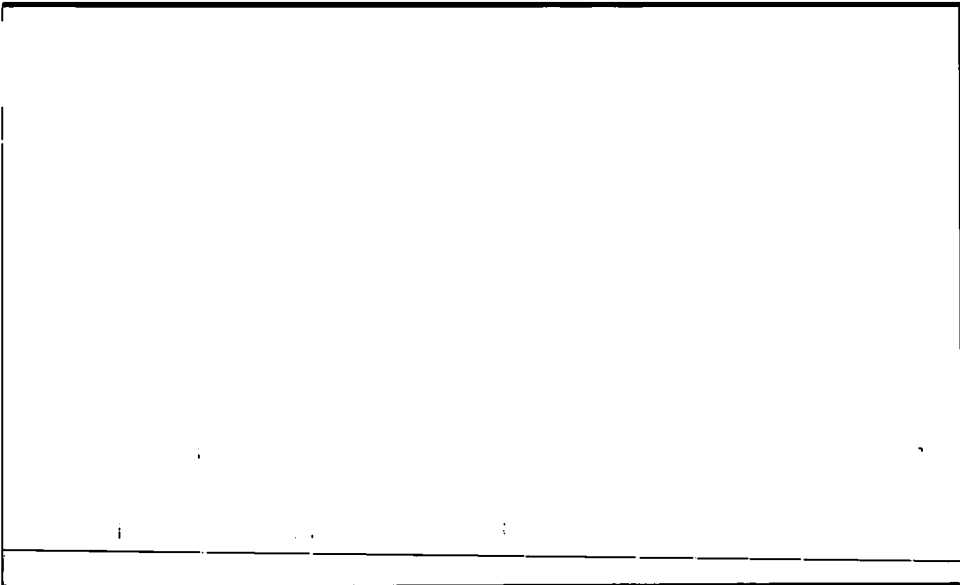
F 14, A-2-6

WASH-SATELLITE TURNED OFF THE

**NASA
-1975-**

MY 4, A-16-1

**WASH-SCIENTISTS SCANNING STARS FOR POSSIBLE LASER SIGNALS
FROM OTHER CIVILIZATIONS**



SATELLITES- PAGE 05

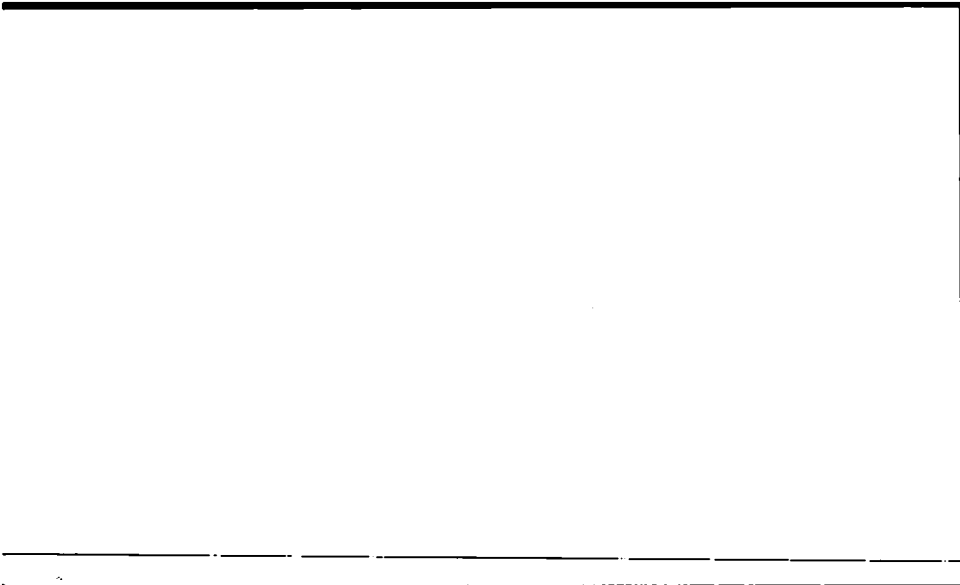
1966

Je 1, C-20-5

TO SERVE AS AERIAL REFERENCE POINT FOR WORLDWIDE SURVEY

Je 24, A-3-3

VANDENBERG AFR-PAGE 05 STANDS FOR PASSIVE GEODETIC EARTH-ORBITING SATELLITE



SATELLITES : PEGASUS

1965

CAPE KENNEDY-SATURN TO HURL ABOVE METEOROID DETECTION SATELLITE INTO
EARTH ORBIT F 14, A-14-1
F 16, A-1-5
CAPE KENNEDY-SATURN ROCKET HURLED ABOVE INTO EARTH ORBIT TO HELP US
SCIENTISTS TEST DANGERS OF SPACE FLIGHT-PIPP

--1966--

N 10, F-2-3

3 PEGASUS SATELLITES MARKED WITH HUNDREDS METEOROID HOLES TO
START 2ND YEAR OF ORBIT-STILL OPERATING WELL-PIPP

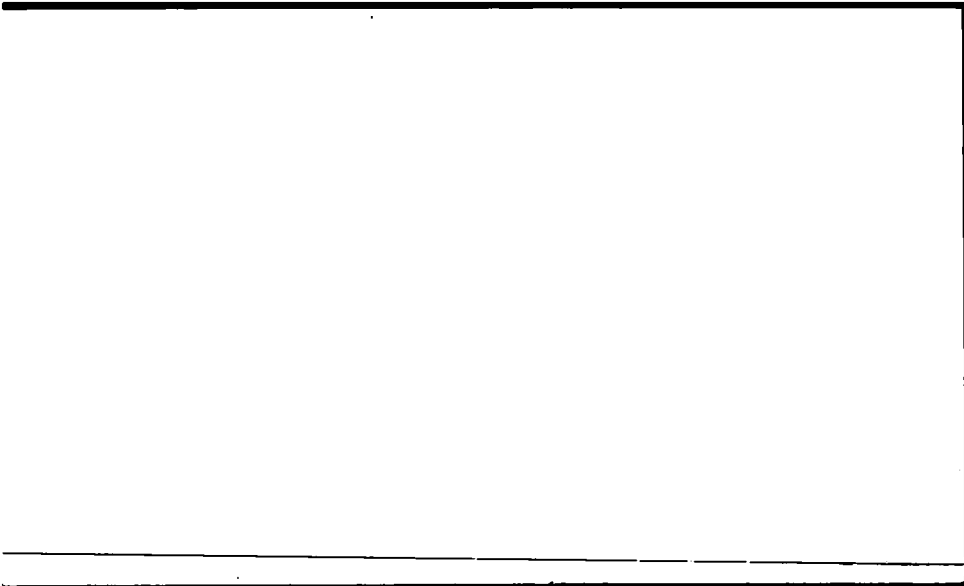
---1977---

Ag 22, A-1-3

IS STUBBORN US SATELLITE, BIGGEST, THAT WON'T STOP TALKING--
PIPP
-1978-

S 18, A-10-1

DC-23,000LB PEGASUS 1 DROPS INTO ATLANTIC OFF ANGOLA

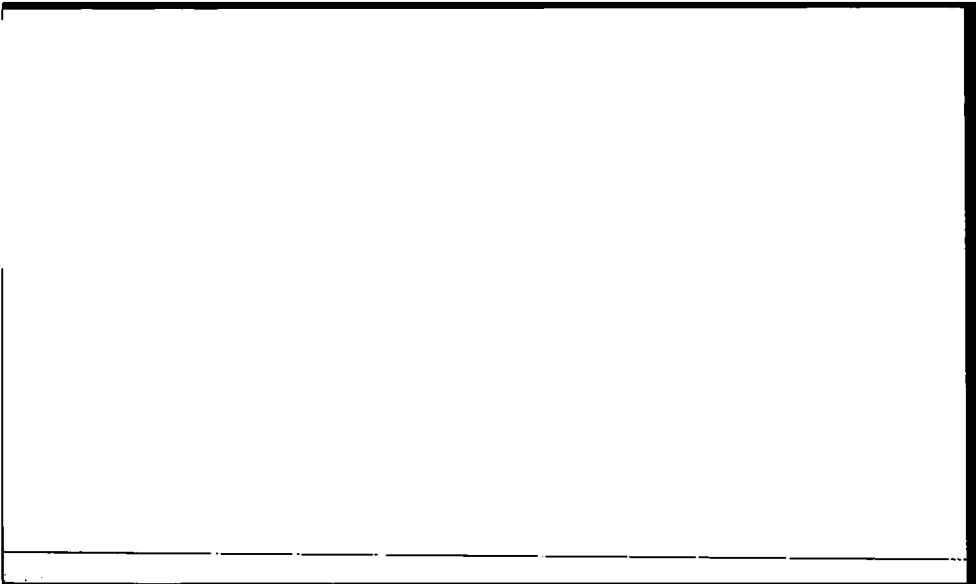


SATELLITES: PEGASUS C:

1969

AG 5,A-6-1LF

WASH-ABOVE THIRD METEORITE LAUNCHED BY SATURN 1 REENTERED
THE EARTH'S ATMOSPHERE OVER THE INDIAN OCEAN TO END FOUR
YRS. IN ORBIT-



1965

SATELLITES - PEGASUS 2

CAPE KENNEDY, FLA-TO BE LAUNCHED INTO ORBIT MY 24, A-1-2
TO MEASURE METEOROIDS HAZARDOUS TO SPACE TRAVELERS-PIPP

CAPE KENNEDY, FLA-LAUNCHED BY SATURN 1 ROCKET MY 25, A-1-1
DEBRIS HAZARDS-PIPP

CAPE KENNEDY-NASA REPORTS ABOVE EMITTED 2 ELECTRONIC SQUAWKS WHEN PENE-
TRATED BY METEOROIDS MY 27, A-2-1 3*

-1979- N 1, B- 2-3 N

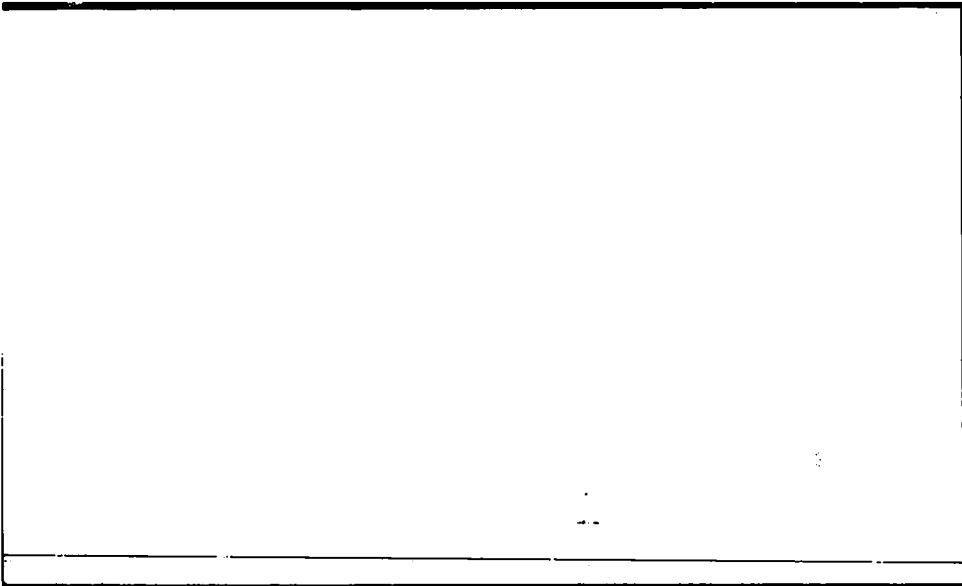
DC-TO DROP FROM ORBIT

N 3, A-5-1

SET TO RETURN TO EARTH TONIGHT.

N 4, A-3-6

DC-SPLASHED DOWN IN ATLANTIC OCEAN NR EQUATOR.



1965

SATELLITES - ~~PEGASUS~~ PEGASUS #11

JL 9, A-11-5 3*

WASH.-TO BE LAUNCHED JULY 30

JL 25, A-6-1

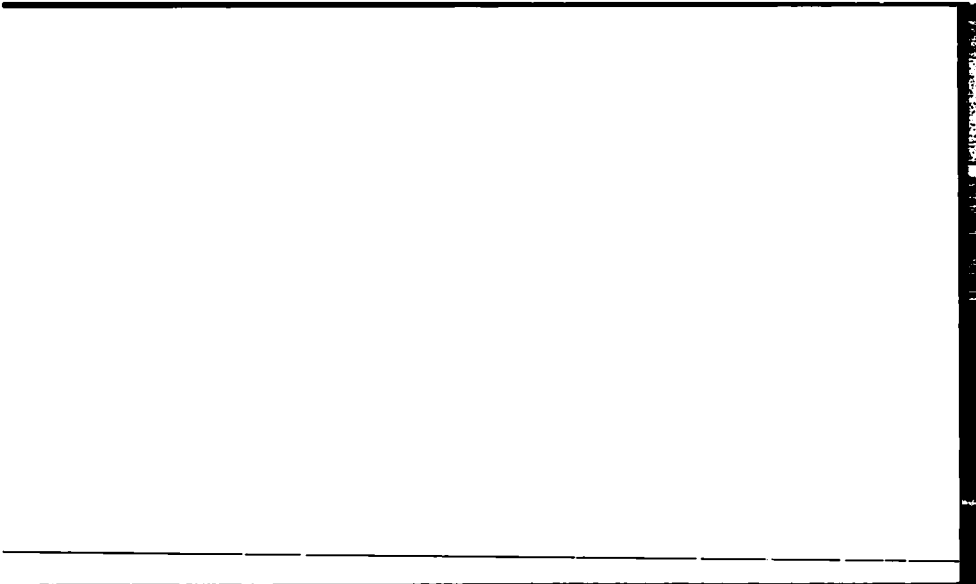
TO BE LAUNCHED BY SATURN 1 JL 30, DESIGNED SO ASTRONAUTS CAN DISMANTLE

IT & RETURN PARTS TO EARTH-PIPP

JL 30, A-1-5

CAPE KENNEDY-~~US~~ COMPLETED ITS SATURN 1 BOOSTER PROGRAM & LAUNCHED ABOVE

--PIPP



1963

SATELLITES - PIGGY-BACK

JL 25, A-6-1 FIN 3

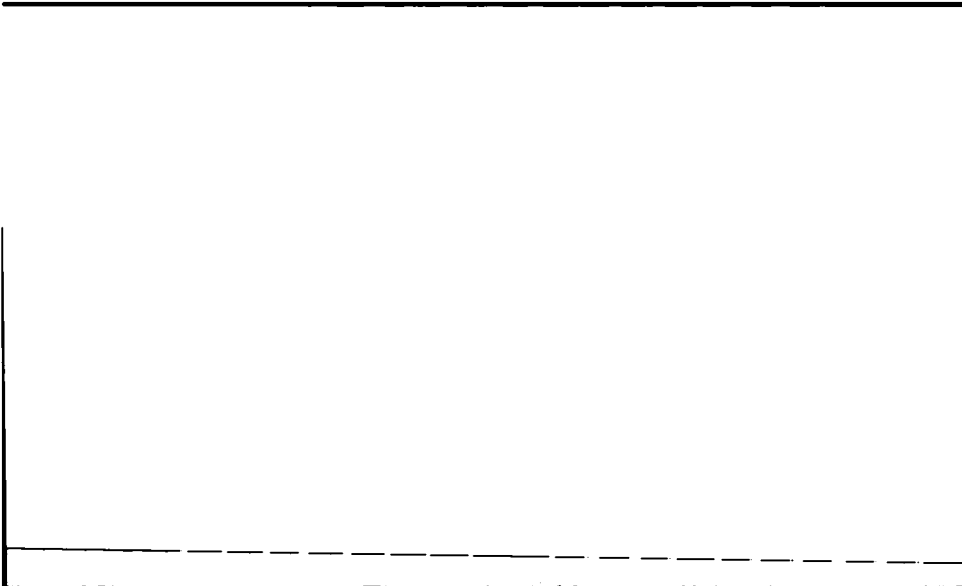
AF FIRES SMALL SATELLITE DEEP INTO SPACE FROM BACK OF LARGER ONE



SATELLITES - PIONEER

SEE

SPACE - FLIGHTS - PIONEER

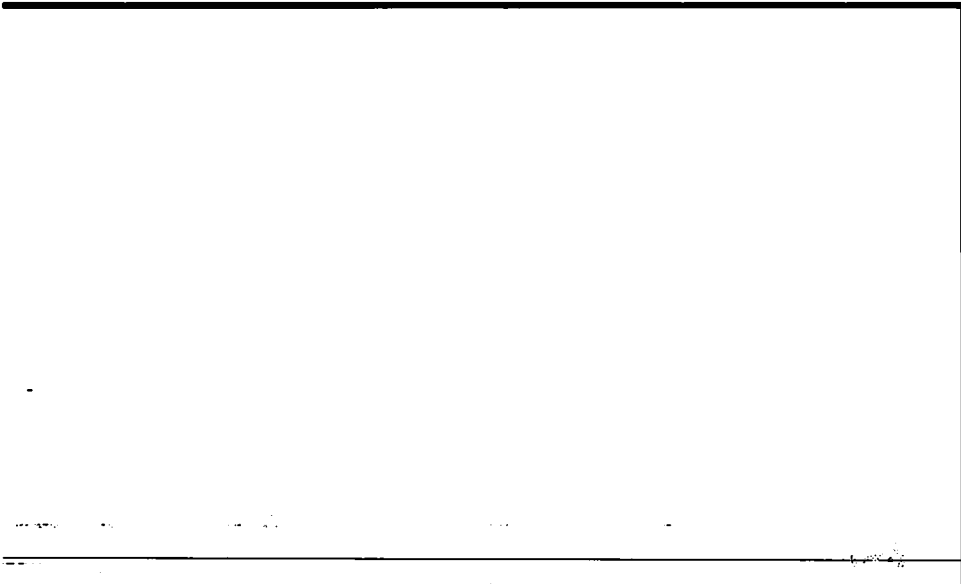


1962

SATELLITES - POGO

07, C-24-1

U OF M AWARDED CONTRACTS FOR 2 INSTRUMENT PACKAGES TO BE ON BOARD ABOVE TO BE LAUNCHED IN 1963 OR '64

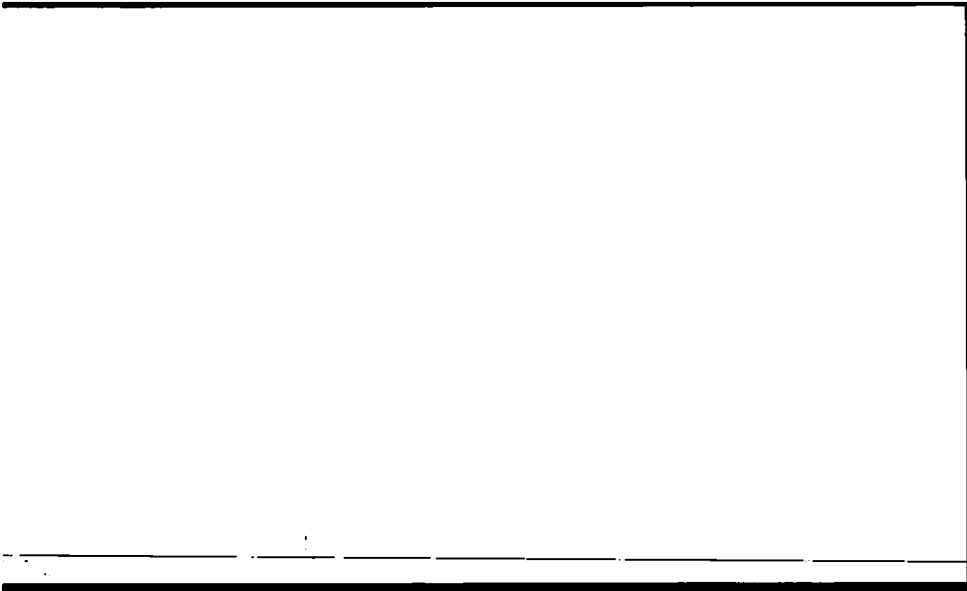


SATELLITE: POLLUTION CONTROL

1971

~~F 20, A-2-1~~

ROBERT SEAMANS SAID SATELLITE TO GO INTO ORBIT NEXT YR
TO DETECT CONCENTRATIONS OF CARBON MONOXIDE IN ATMOSPHERE

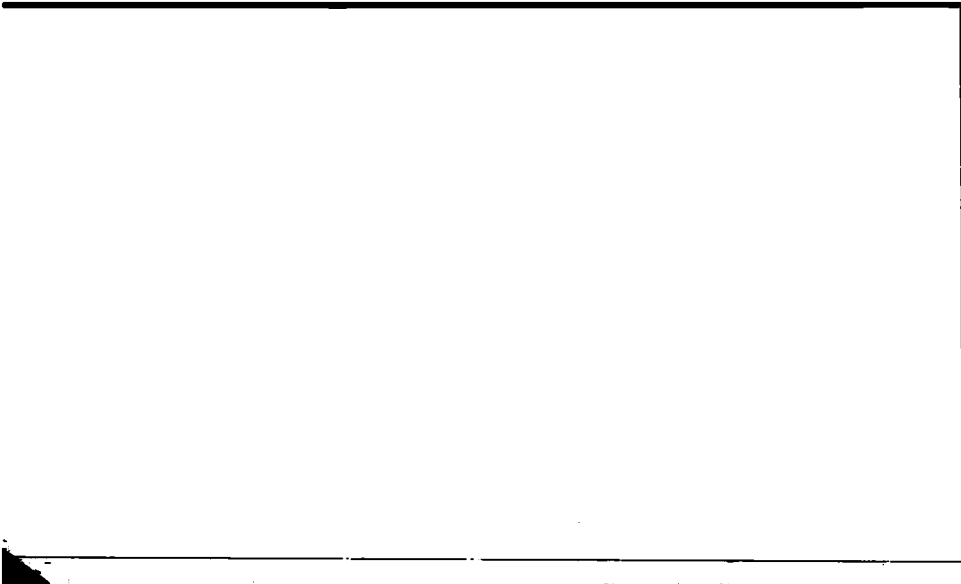


SATELLITES - POSUM (POLAR ORBITING SATELLITE SYSTEM - UNIVERSITY

OF MICHIGAN)

JE 28, A-1-1

ANNARBOR-22 STUDENTS UNDER LEADERSHIP OF PROF. WILBUR C. NELSON AT U.
OF M., DESIGN ABOVE IN 7 WEEKS

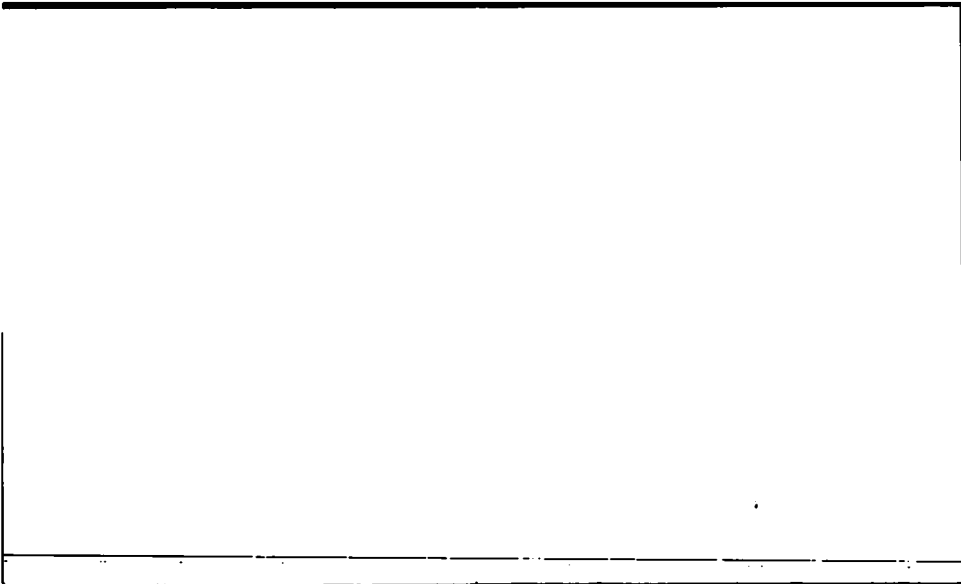


SATELLITES - PROJECT SAINT

1960

N 24, F-18-1

AIR FORCE DEVELOPING ANTI-SATELLITE SATELLITE-PIPP

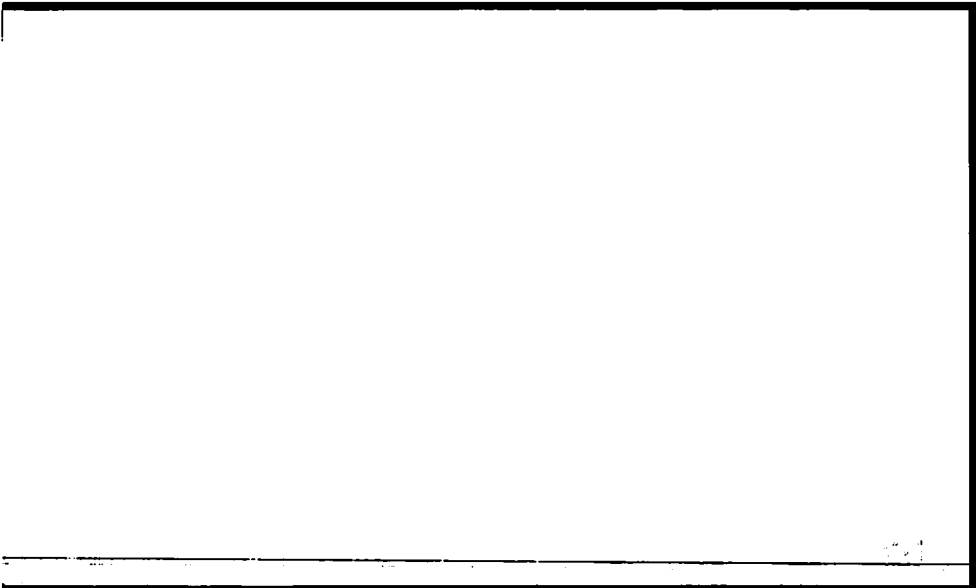


SATELLITES:

PROJECT TSX

1961

LONDON- BRITISH POST OFFICE TO CO-OPERATE WITH U.S. ^{S 13 C-13-4} IN TESTS OF A NEW
ABOVE

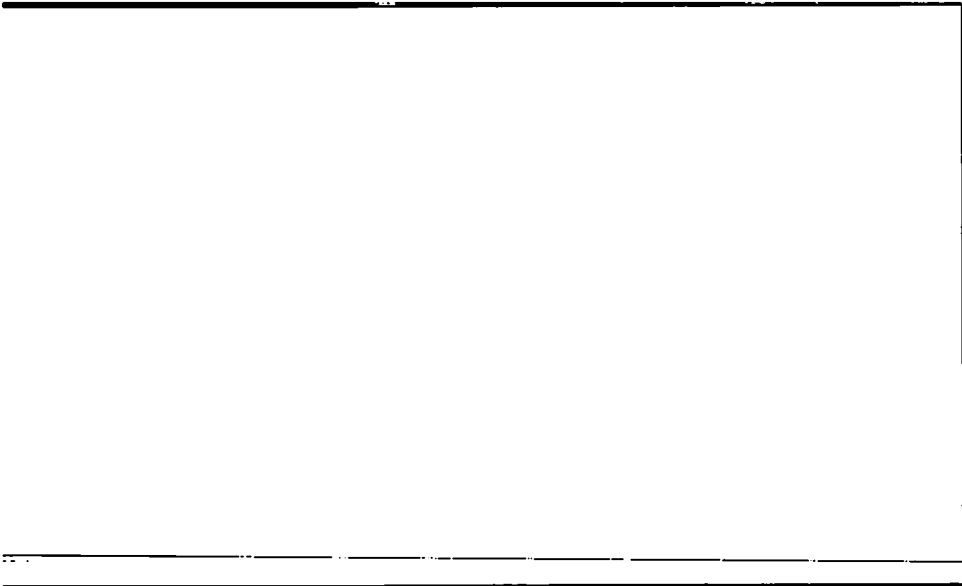


1975

SATELLITES: RCA

D 11, D-12-8

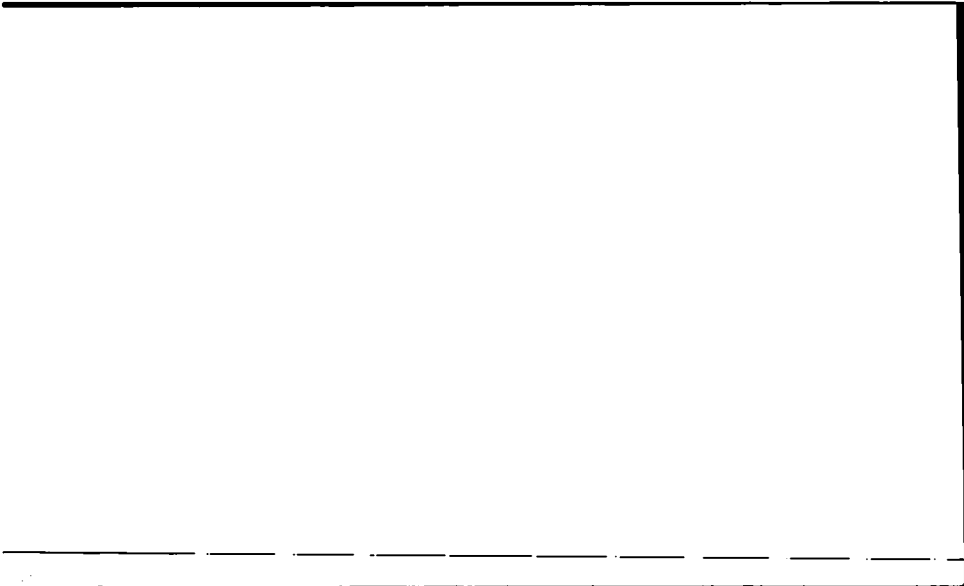
CAPE CANAVERAL-1ST COML DOMESTIC SATELLITE IN \$125 MILLION
COMMUNICATIONS SYSTEM TO BE LAUNCHED TONIGHT



SATELLITES - RANGER

SEE

SPACE - FLIGHTS - RANGER



SATELLITE : RECEIVERS

1982

**AG 5, B-14
1N**

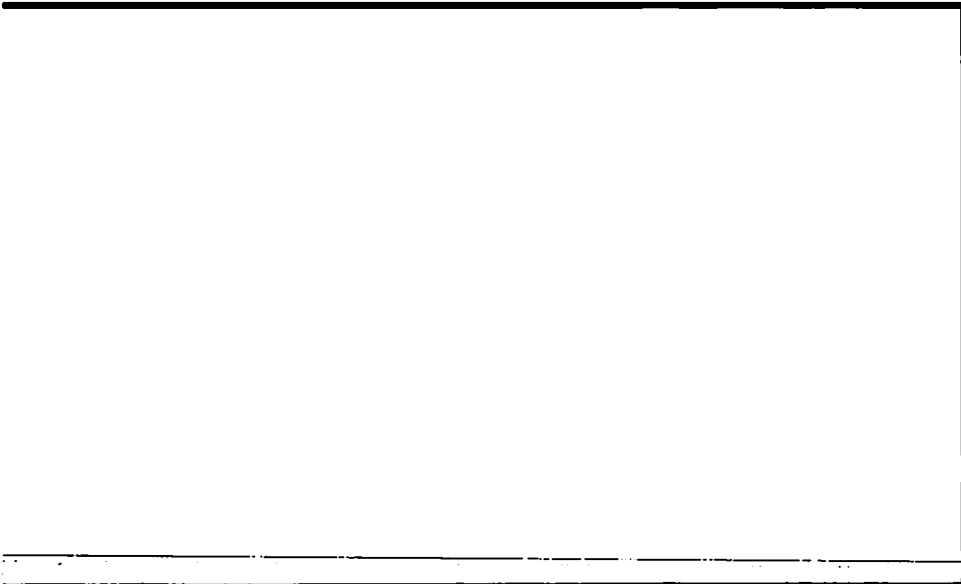
**ESCANABA-FRANK FARMER PEDDLES SATELLITE DISHES FROM BACK OF
HIS CAR. FARMER 45, OF DET SELLS DISH ANTENNAS FOR \$3,900.**



SATELLITES: REGISTRATION

1959

N 19 C-12-4
MEMBER OF HOUSE SPACE COMM. PROPOSED TODAY INTERNAT'L REGISTRATION OF
SATELLITES TO PREVENT POSSIBLE TRIGGERING OF A "MONSTROUS WAR"

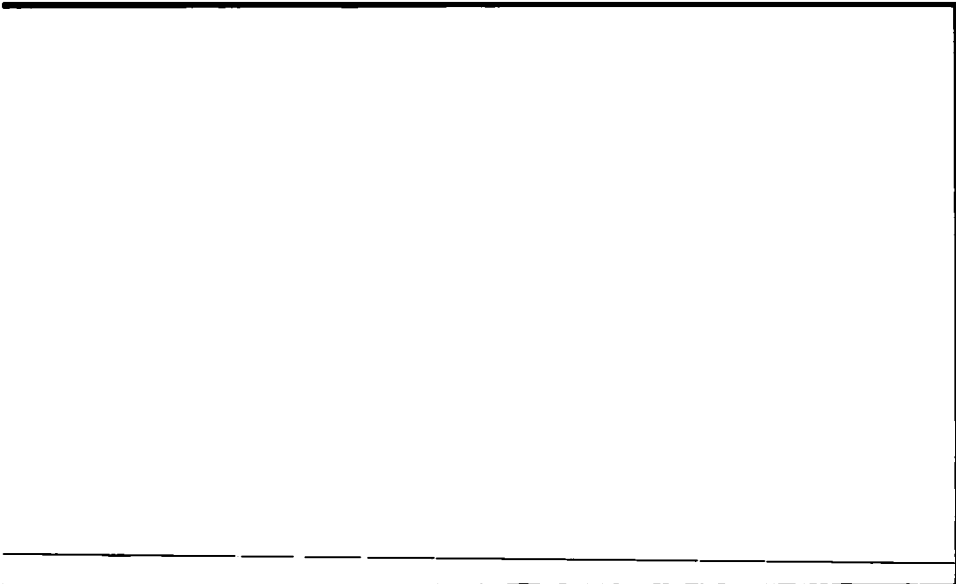


SATELLITES: RELAY 2

1964

JA 22, D-1-1
CAPE KENNEDY-ABOVE NEW COMMUNICATIONS SATELLITE CIRCLED EARTH TODAY
MAY BE JOINED JA 24 BY ANOTHER, THE "CHO 2 BALLOON

MR 22, D-8-5 2*
TOKYO-TEST TELECAST OF MR.25 JAPANESE TELECAST TO US BY ABOVE CONDUCTED SUCCESSFULLY



SATELLITES: RELAY

1962

U.S. TO LAUNCH RELAY INTO SPACE FROM CAPE CANAVERAL IN WEEK TO MAKE
2ND ROUND OF LIVE TV/ PROGRAM EXCHANGES WITH EUROPE D 3, A-17-7
D 13, R-17-1 LF

US TO TRY TO SHOOT INTO ORBIT NEW SATELLITE ABOVE D 14, A-1-7
SOARD THROUGH SPACE TODAY-SIMILAR TO TELSTAR D 14, A-1-7 LF

LOW BATTERY VOLTAGE ABOARD RELAY BLOCKS PLANNED COMMUNICATIONS'
EXPERIMENTS FOR TODAY D 16, A-11-3
CONTINUED DROP IN POWER SUPPLY ABOARD RELAY DIMS HOPES FOR SATELLITE

FURTHER EFFORTS TO GET ABOVE FUNCTIONING PROPERLY POSTPONED INDEFINITELY
D 17, A-14-7

WASH-NASA CONDUCTING TESTS TO SEE IF ABOVE HAD REGAINED ITS POWER SUPPLY-HAD STOPPED USING IT D14 BECAUSE OF VOLTAGE SYSTEM FAILURE
D 28, B-8-6

---1963---
LONDON-FILM OF UNVEILING OF MONA LISA AT NATIONAL GALLERY OF ART IN
D.C. TRANSMITTED VIA ABOVE TO LONDON JA 9, A-3-7
JA 18, B-4-8

ROME-PRE. KENNEDY & ITALIAN PREMIER FANFANI SENT MESSAGES TO ITALIAN
PEOPLE JA18 BY WAY OF ABOVE MR 13, C-20-8

SPACE AGENCY TURNS OFF ABOVE SO IT CAN REST & RECHARGE ITS BATTERIES

---1963---

MR 25, A-13-3

NY-ABC, NBC, & CBS TO BROADCAST FROM PARIS VIA ABOVE MARCH 25

MR 26, B-3-6

NY-3 MAJOR US TV NETWORKS UTILIZE ABOVE FOR FIRST TIME TO BROADCAST
NEWS REPORTS DIRECT FROM EUROPE

AP 26, A-3-7 FIN 3

RELAY 1 TRANSMITTED AMERICAN PATIENT'S BRAINWAVES TO THIS COUNTRY FOR
ANALYSIS, & SENT DIAGNOSIS BACK TO ENGLAND, ALL WITHIN FEW MINUTES

---1964---

JA 3, A-13-2 MAIL

ABOVE TV STATION REFUSES TO DESTROY ITSELF AS WAS SUPPOSED TO D13, '63
AS MORE ADVANCED RELAY TO BE LAUNCHED JA21

SATELLITES: RESEARCH

1963

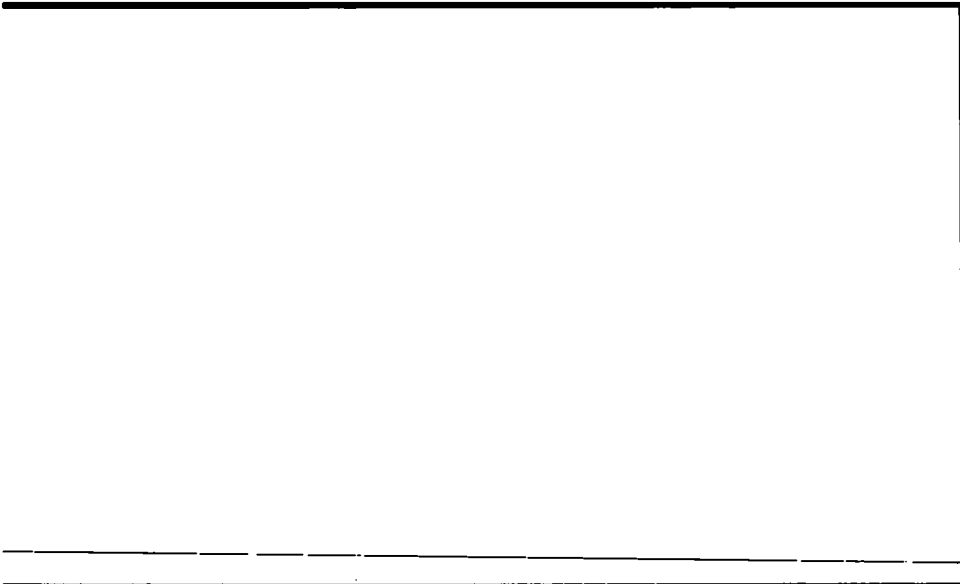
S 15, A-21-1

COPENHAGEN-VICE PRES JOHNSON & DANISH FOREIGN MINISTER PER HAEKKERUP
SIGNED AGREEMENT BRINGING DENMARK INTO U.S. COMMUNICATION SATELLITE RE
SEARCH

---1966---

M R 13, D-19-6

SAN DIEGO-RONALD S H TOMS CALLS MARS SATELLITE POSSIBLE IN 3 YRS

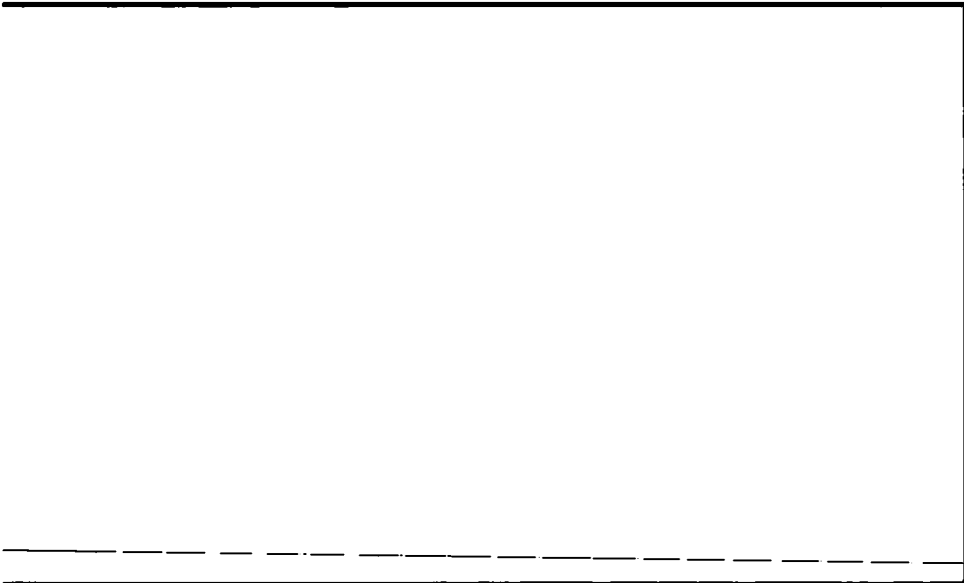


SATELLITES : RUSSIA COSMOS 315

1979

MR 26, A-9-1

OTTAWA-LIT SKY IN DESCENT TOWARD CANADA, NO DEBRIS

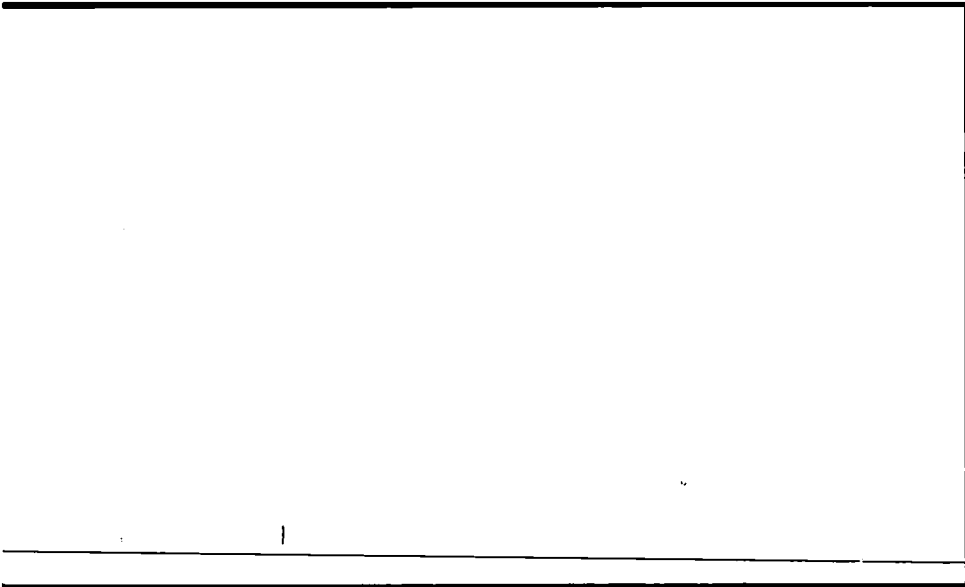


1972

SATELLITE : RUSSIA : COSMOS 517

AG 51, A-4-2

MOSCOW—LAUNCHED UNMANNED EARTH SATELLITE.

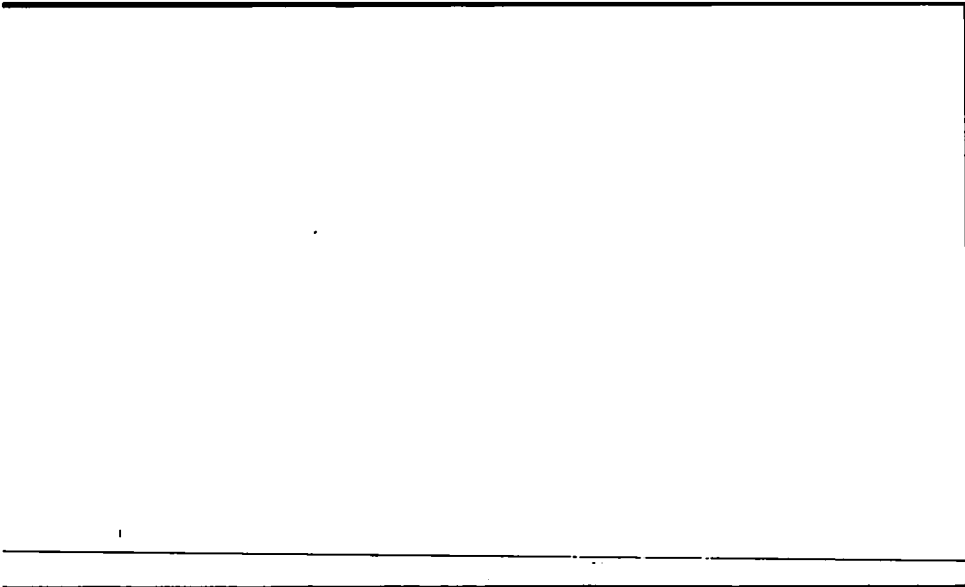


1972

SATELLITE : RUSSIA : COSMOS #4x 540

D 27, A-15-2

MOSCOW--USSR LAUNCHES ANOTHER IN SERIES OF UNMANNED SATELLITES



JA 24, A-1-5

WASH-POWERED BY NUCLEAR REACTOR, FELL FROM ORBIT, PLUMMETED TOWARD CANADA, NO CONCERN FROM RADIOACTIVITY FROM SATELLITE

JA 25, A-12-1

MOSCOW-TASS: COSMOS PRESSURE FAILED

JA 25, A-12-1

OTTAWA-U.S. ROLE MIFFS CANADA-WARD

JA 25, A-1-3

Cape Canaveral-U.S. MUM ON A-POWERED SPACECRAFT-PIPP

JA 25, A-12-1

DC-U.S., SOVIET 'COOPERATED FULLY'-BLANCHARD

JA 25, A-1-4

YELLOWKNIFE-NO RADIATION NEAR FALLEN SATELLITE

JA 26, A-18-1

A 'STAR WARS' VISIT FROM USSR-EDIT

JA 26, A-1-1

HUNT FOR FALLEN SATELLITE'S RADIATION MOVES TO THE U.P.

EDMONTON, ALBERTA-

JA 27, A-1-1

RADIATION LINKED TO SATELLITE, DEBRIS BELIEVED IN NORTH CANADA

JA 28, B-7-4

OTTAWA-SCIENTISTS DOUBT EMITTED RADIOACTIVE WAVES

-1978-

JA 30, A-1-6

BAKER LAKE, NORTHWEST TERRITORIES, CANADA-SEARCHERS FIND METAL

JA 30, A-1-2 1 DOT

EDMONTON, ALBERTA-"HOT SPOT" ROUTS 6 IN SEARCH FOR SOVIET SATELLITE

JA 31, B-10-2

BAKER LAKE, NORTHWEST TERRITORIES CANADA-US-CANADIAN TEAM SEEKS MORE SATELLITE DEBRIS

F 1, A-6-1

EDMONTON, ALBERTA-COSMOS FRAGMENTS GIVING OFF RADIATION

F 1, A-14-1

NEW SATELLITE CONTROLS NEEDED-EDIT F 2, A-10-1

DC-DEFENSE CHIEF HAROLD BROWN SEE SPACE WEAPONS RACE BECAUSE OF SOVIET SATELLITE THREAT

F 2, A-8-1

YELLOWKNIFE-5TH SATELLITE FRAGMENT FOUND F 3, A-4-1

EDMONTON ALBERTA-1600LB LEAD SHIELD BUILT TO BLOCK RAYS FROM DEBRIS

F 5, A-3-6

SOVIETS SAY IT APPARENTLY COLLIDED WITH SOMETHING F5MA3-5

YELLOWKNIFE-USSR MUST PAY COSTS TO GET DEBRIS, \$1MILLION

1978

SATELLITES : RUSSIA : COSMOS 954

F 6, A-3-6.

EDMONTON-'HOTTEST' PIECE OF IT 'SAFE' IN CANADA; CORE STILL

SOUGHT

F 14, A-4-1

NY-CANADA TO ASK SOVIETS TO PAY \$1 MILLION FOR SATELLITE CLEANUP

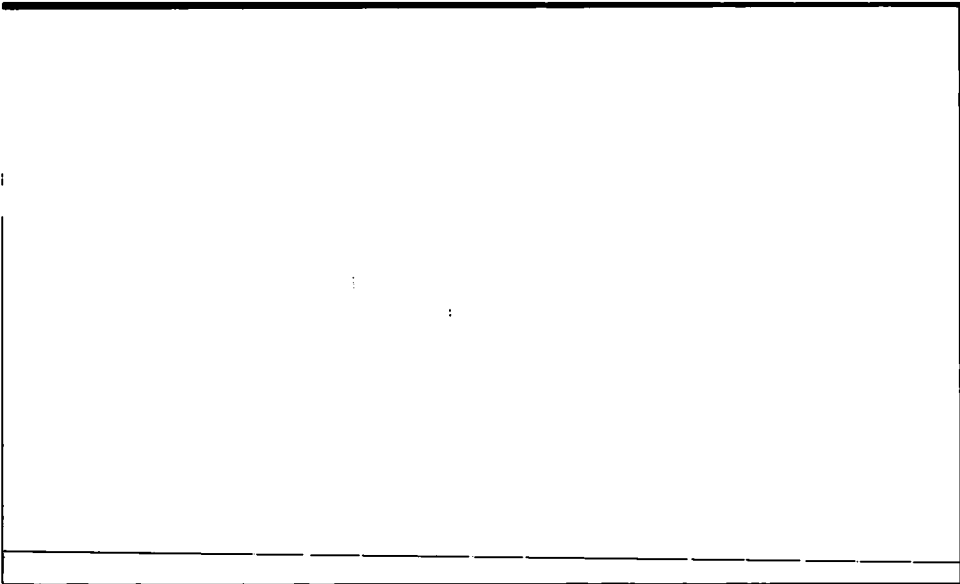
JL 6, A-4-1-AM

NY-CANADA TO BILL RUSSIA FOR NUCLEAR CLEANUP OF DEBRIS
FROM SATELLITE

-1979-

JA 24, A-7-3

OTTAWA-CANADA IS CLAIMING \$6.1 MILLION FROM RUSSIA FOR
CLEANUP.



SATELLITES - RUSSIA - COSMOS

1962

MOSCOW-LAUNCHES COSMOS 9 IN SERIES UNMANNED SPACE TESTS S 27, A-6-4
 COSMOS 11 IS 2ND IN 4 DAYS ORBITED O 20, A-3-5
 COSMOS 11 TO STUDY HAZARDS FOR COSMONAUTS O 21, R-11-8
 MOSCOW-RUSSIA LAUNCHES 12TH IN SERIES UNMANNED SATELLITES D 23, A-2-1

--1963--

MOSCOW-COSMOS 13 LAUNCHED MR21 MR 21, A-1-3
 COSMOS 14 LAUNCHED AP 13 AP 14, A-16-7
 RUSSIA LAUNCHES COSMOS 15 AP22 AP 22, A-12-3
 MOSCOW-RUSSIA LAUNCHED NEW UNMANNED SATELLITE AP28 AP 29, A-1-6
 SOVIETS LAUNCH 17TH UNMANNED SATELLITE MY 22, A-3-3
 LONDON-32 PD OBJECT FOUND ON ONTARIO FARM LAST OCT. IS PART COSMOS 111 AG 4, A-16-4
 SATELLITE LAUNCHED AP23, 1962 AG 6, A-1-3 FIN3
 RUSSIA LAUNCHED ANOTHER UNMANNED EARTH SATELLITE COSMOS19 N 16, A-1-2
 SOVIET UNION PUTS COSMOS22 INTO ORBIT N 17, 9-6-3 2*
 RUSSIA FIRED COSMOS 22 INTO ORBIT D 14, B5-4
 RUSSIA LAUNCHES COSMOS 23 D 19, B-12-7
 LAUNCHES COSMOS 24, UNMANNED

--1964--

COLORADO SPRINGS, COLO-COSMOS 23 BURNED UP RETN. GREAT LAKES & NORTHEAST
CANADA COAST
RUSSIA LAUNCHED COSMOS 27 MR27 TO STUDY RADIATION BELTS AROUND EARTH
RUSSIA LAUNCHED COSMOS 28 AP5
RUSSIA SAID COSMOS 29 IN ORBIT TO STUDY EFFECTS RADIATION & SPACE
COMMUNICATIONS
LONDON-RUSSIA LAUNCHED COSMOS 31 JE 6-CARRIES SCIENTIFIC INSTRUMENTS
TO CONTINUE EXPLORATION OUTER SPACE
RUSSIA LAUNCHED COSMOS 33 WITH EQUIPMENT TO STUDY OUTER SPACE

MR 28, A-3-4
MR 28, A-2-7 FIN3
AP 5, A-13-1
AP 26, A-1-4 3*ST
JE 7, A-1-6
JE 23, B-9-4

COSMOS 34 LAUNCHED
COSMOS 51 LAUNCHED DEC.10
COSMOS 52 LAUNCHED JA11
RUSSIA LAUNCHED 53RD OF 3 YR OLD SERIES
4TH ABOVE IN 2 DAYS LAUNCHED SUCCESSFULLY
LONDON-COSMOS 58 UNMANNED SATELLITE LAUNCHED
LONDON-COSMOS 59 LAUNCHED MR 7
COSMOS 60 LAUNCHED
COSMOS 61, 62 AND 63 LAUNCHED WITH SINGLE ROCKET
64TH IN SERIES LAUNCHED
65H IN SERIES LAUNCHED

--1965--

JL 1, A-2-1 LF
D 10, A-1-7
JA 11, A-1-6
JA 31, A-1-7
F 22, A-1-2
F 26, A-1-3 3*
MR 8, B-14-1
MR 12, B-13-2
MR 15, A-1-1
MR 25, A-1-6
AP 17, A-1-2

~~MRX15XANXKXK~~

SATELLITES - RUSSIA - COSMOS

1965

COSMOS 66 LAUNCHED

WASH-RUSSIA ANNOUNCED MR 15 LAUNCHING OF COSMOS SINGLE ROCKET

RUSSIA LAUNCHED NO.69 IN SERIES

LAUNCHED COSMOS 71,72,73,74 & 75 FROM SINGLE ROCKET

LAUNCHED COSMOS 77

LAUNCHED NO.79 IN SERIES

RUSSIANS SAID COSMOS 5 TOOK PHOTOS OF U.S. ATOMIC EXPLOSION IN SPACE OVER PACIFIC OCEAN ON JUL 9, 1962

WASH-SPACE OFFICIALS SAID COSMOS 5 PRESUMABLY OBTAINED DETAILED INFORMATION OF ARTIFICIAL RADIATION BELT CREATED BY HIGH ALTITUDE U.S. H-BOMB TEST IN 1962

RUSSIA PUT 5 SATELLITES INTO ORBIT AROUND EARTH FROM 2 CARRIER ROCKET

RUSSIA LAUNCHED COSMOS 85

RUSSIA LAUNCHED COSMOS 92

RUSSIA LAUNCHED COSMOS 92 & WESTERN EXPERTS SAID MARKED INITIAL STEP IN 3 YR U.S.-SOVIET AGREEMENT TO USE SPACE VEHICLES FOR WEATHER STUDY

RUSSIA LAUNCHED COSMOS 93

MY 7, A-19-2

MY 27, D-12-1

61,62 AND 63 WITH

JE 25, A-1-1

JL 16, A-1-2

AG 3, A-1-7

AG 25, A-1-8 6*

S 1, A-3-7

S 1, A-3-8

S 3, A-3-6 6*

S 9, C-7-4

O 16, A-1-2

O 17, B-1-1

O 19, A-1-6

--1965--

O 28, D-10-1

RUSSIA TODAY ORBITED 94TH UNMANNED SATELLITE IN SERIES

N 4, A-1-8

N 28, A-1-7

MOSCOW-LAUNCHED COSMOS 95 IN SERIES

MOSCOW-RUSSIA LAUNCHED COSMOS 98 & 98

D 17, A-2-1 6*

MOSCOW-100TH COSMOS LAUNCHED TODAY

MOSCOW-LAUNCHED 101ST SATELLITE IN ITS UNMANNED COSMOS SERIES

D 28, A-23-1 5*

MOSCOW-LAUNCHED 102ND IN COSMOS SERIES

--1966--

JA 7, A-1-8

MOSCOW-104TH IN SERIES LAUNCHED JAN 7

JA 23, B-13-5

MOSCOW-COSMOS 105 WAS PUT INTO ORBIT

F 10, A-1-5

MOSCOW-SOVIET UNION ORBITED COSMOS 107 UNMANNED SPACE PROBE

F 10

F 20, B-1-1

MOSCOW-109 LAUNCHED F 19

F 23, A-6-1

MOSCOW-2 DOGS ORBIT ABOARD SATELLITE COSMOS 110 TO HELP SPACE SCIENTISTS

DECIDE WHETHER THEY NEED SEND DOGS TO MOON BEFORE MEN

F 27, A-27-4

MOSCOW-SOVIET DOGS, VETEROK & UGOLYOK APPEARED ON MOSCOW TV IN RECORDED

BROADCAST FROM COSMOS 110 CAPSULE

MR 16, A-1-6

MOSCOW-DOGS' LONG SPACE TRIP, 23 DAYS ENDS SAFELY FROM COSMOS 110 CAPSULE

MR 17, A-8-1 3*

MOSCOW-SOVIET SPACE DOGS RAN INTO BLOOD TROUBLE-LOORY

SATELLITES- RUSSIA - COSMOS

1966

MOSCOW-GLACKIE & FREEZE OK AFTER 20 DAY ORBITAL FLIGHT IN COSMOS 110

MR 18, A-2-1 5*

MR 18, A-8-4 3*

MOSCOW-SOVIET DOGS FROM COSMOS 110 FALL ASLEEP ON TV FROM FATIGUE

BOCHUM-BOCHUM OBSERVATORY OBSERVED APPARENT SOVIET ATTEMPT AT SPACE RENDEZVOUS

MR 21, A-1-3

MR 29, A-10-1 5*

BERLIN-REPORT COSMOS 113 RETURNED TO EARTH & MADE SOFT LANDING TODAY

AP 20, A-1-3

MOSCOW-115TH COSMOS LAUNCHED

AP 26, A-6-6

MOSCOW-LAUNCHED NO.116 IN COSMOS SERIES TODAY

MY 6, B-10-1 5*

MOSCOW-LAUNCHED UNMANNED EXPERIMENTAL EARTH SATELLITE, COSMOS 117

JE 9, A-14-6

MOSCOW-SOVIETS LAUNCHED EARTH SATELLITE IN VERY LOW ORBIT, NO 120 IN UNMANNED COSMOS SERIES

JE 25, A-1-7

NOVOSIBIRSK-LAUNCH OF NO 122 SEEN BY PRES DE GAULLE

JE 26, A-8-4

LENINGRAD-COSMOS 122 LAUNCH VIEWED BY PRES DE GAULLE OF FRANCE

AJL 8, A-19-4

MOSCOW-LAUNCHED NO 123

---1966---

JL 20, A-1-7

MOSCOW-LAUNCHED COSMOS 125 JL 20

JL 28, A-18-2 5*

MOSCOW-ORBITED ANOTHER UNMANNED COSMOS 126 TODAY O 14, B-6-8 5*

MOSCOW-LAUNCHED 129TH OF ITS COSMOS OBSERVATION SATELLITES
TODAY O 20, C-10-7

MOSCOW-130TH LAUNCHED

N 13, B-2-6 3*

MOSCOW-RUSSIA LAUNCHED UNMANNED ARTIFICIAL EARTH SATELLITE
No.131 IN COSMOS SERIES N 20, A-15-2

MOSCOW-SPY SATELLITE LAUNCHED BY RUSSIANS N 29, A-10-7

RUSSIA N28 LAUNCHED 133RD IN COSMOS SERIES D 4, B-8-4

MOSCOW-LAUNCHED UNMANNED SATELLITE, COSMOS 134

---1967---

JA 20, A-10-1 3*

RUSSIA PUT 138TH SATELLITE IN COSMOS SERIES INTO ORBIT JA19

F 7, A-1-5

MOSCOW-RUSSIA LAUNCHED 140TH UNMANNED EARTH SATELLITE IN
COSMOS SERIES MR 9, D-11-7

WASH-COSMOS 144 DATA BEING RECEIVED BY U.S. STATION ON OUT-
SKIRTS OF WASH. WAS LAUNCHED FEB. 27

MR 14, G-6-1
MR 22, A-7-4

147TH COSMOS LAUNCHED BY RUSSIA

MOSCOW-LAUNCHED 149TH COSMOS SERIES UNMANNED SATELLITE

MR 25, A-1-7

MOSCOW-SOVIET UNION LAUNCHED ITS 4TH UNMANNED SATELLITE IN
WEEK WAS COSMOS NO 152

1967

SATELLITES: RUSSIA: COSMOS

MOSCOW-LAUNCHED 153RD IN SERIES

AP 5, C-1-6

LAUNCHED NUMBER 154

AP 9, B-14-1

MOSCOW-COSMOS 156 LAUNCHED TODAY

AP 27, C-20-2 6*

MOSCOW-OSMOS 159 & 160 SETN UP-159 MAY BE TESTING A PARKING ORBIT FOR FUTURE MOON LAUNCHES

MY 18, A-6-1

MOSCOW-RUSSIA LAUNCHES 176TH UNMANNED SPUTNIK

S 14, D-10-8

EDINBURGH, TEX-TRAINED OBSERVERS SAID ABOVE WAS SPOTTED IN SKY NOT BURNING AIRPLANE NIGHT OF 0 24

OK 25, B-6-1

MOSCOW-REDS ANNOUNCE LINKUP OF COSMOS 186 & COSMOS 188

0 30, A-1-7

N 3, A-15-7

MOSCOW-COSMOS 190 7TH SATELLITE IN 10 DAY SERIES IS LAUNCHED

N 5, B-19-1

MOSCOW 10 SOVIET MYSTERY SHOTS BELIEVED ORBITAL BOMB TEST COVER UP

---1968---

0 8, A-17-1 1DOT

SHOT COSMOS 244 TEST ROCKET TO CARRY H-BOMB, DID NOT INDICATE MILITARY NATURE

0 21, A-1-5

MOSCOW-SOVIET UNION LAUNCHED 249TH COSMOS

---1968---

O 31, R-8-1

MOSCOW-SOVIET UNION LAUNCHED 250TH COSMOS TO EXPLORE OUTER SPACE

N 13, B-3-1 300T Mo 1

NOX 253 IN SERIES ORBITTED BY SOVIETS

N 21, B-19-2

LONDONERS SEE ABOVE REPORT UFOs

---1969---

F 26, A-11-1

2ND COSMOS IN 32 DAYS LAUNCHED BY SOVIETS

Ag 17, B-12-6 RUSSIA

SOVIET UNION LAUNCHED COSMOS 293 .-UNMANNED SATELLITE

Ag 27, C-3-3 1DOT

COLORADO SPRINGS-COSMOS 294 SPOTTED BURNING OVER CALIF-

S16, A-1-1 RACE

MOSCOW- SOVIET UNION MAY HAVE LAUNCHED A TEST OF ITS SPACE
BOMB VEHICLE FOR 1ST TIME IN YR.

O 19, A-25-5

MOSCOW-COSMOS 303 LAUNCHED--- 1970---

Ap 27, A-1-1

LAUNCHED EIGHT UNMANNED SATELLITES INTO EARTH ORBIT WITH
ONE ROCKET SATURDAY

Ag 20, A-6-2 RACE

COSMOS No 357 LAUNCHED BY SOVIETS.

1970

SATELLITES: RUSSIA: COSMOS

S 26, A-2-7

MOSCOW--SOVIET UNION LAUNCHED UNMANNED SPACECRAFT IN LATEST TEST IN FRACTIONAL ORBITAL BOMB SERIES

D7, A-1-2

RUSSIANS DEVELOPING UNMANNED SATELLITE WITH ABILITY TO DESTROY OTHER SPACE VEHICLES--PIPP

D13, A-5-1

MOSCOW-- SOVIETS LAUNCHED NEW COSMOS UNMANNED EARTH SATELLITE.

---1971-----AP 2, A-1-1

SOVIET UNION LAUNCHED 402ND OF ITS UNMANNED COSMOS SATELLITES.

MY 8, A-1-4

SOVIETS ORBIT 8 SATELLITES. ---1972-----

JA 2, C-19-3

SATELLITE INTERCEPTER PERFECTED--

BENEDICT

MR24, A-4-6

WASH---RUSSIANS HAVE LAUNCHED NEW SPY SATELLITE, COSMOS

476

MR26, B-8-6

MOSCOW--SOVIET UNION HAS LAUNCHED TWO MORE SATELLITES IN ITS TOP SECRET COSMOS SERIES, TASS 480 AND 481

-----1972-----

AP9, A-4-4

MOSCOW---COSMOS 6, AN EARTH SATELLITE DESIGNED TO STUDY COSMIC RADIATION AND METEOR PARTICLES, WAS LAUNCHED IN THE SOVIET UNION THIS WEEKEND

JL 21, A-11-8 FINAL

MOSCOW--TASS REPORTS SINGLE ROCKET LAUNCHES 8 SATELLITES:

COSMOS 504 THRU 511.

O 6, A-6-4 1DOT

SOVIET UNION LAUNCHED 523RD UNMANNED EARTH SATELLITE.

O 19, A-

MOSCOW--LAUNCHED 525TH UNMANNED COSMOS SATELLITE YESTERDAY

O 26, AXA-7-6

MOSCOW--COSMOS 526 LAUNCHED YESTERDAY.

N 1, D-19-5

MOSCOW--8 SATELLITES LAUNCHED SUCCESSFULLY, ALL AT ONCE.

N 2, C-10-8

SAME
MOSCOW--USSR LAUNCHES 547TH COSMOS SATELLITE.

-19730-

F 21, C-11-7 FINAL

548TH COSMOS UP.

F 9, A-13-4

MOSCOW--SOVIETS LAUNCHED ANOTHER COSMOS SATELLITE--560TH

MY 24, A-27-8

C JE 28, A-10-6

~~COSMOS 576 LAUNCHED YESTERDAY~~

SATELLITES : RUSSIA: COSMOS

1973

MOSCOW---SOVIET UNION LAUNCHES 582ND SATELLITE.

AG 29, A-21-2 RACE

N 12, A-8-4 RACE

ANOTHER COSMOS No. 607 LAUNCHED.

N 22, -22-1

609TH COSMOS UNMANNED LAUNCHED.

D 30, A-3-4

MOSCOW--USSR LAUNCHES COSMOS 82627.

-1974-

JA 25, A-7-1

MOSCOW---629TH UNMANNED COSMOS LAUNCHED.

AP 30, A-15-1

SOVIET COSMOS PALES SALT & I TALKS. HEINL

MY 18, A-6-2

MOSCOW---USSR LAUNCHED 654TH SATELLITE.

---1977---

AG 22, A-4-1

WASH-COSMOS 936 SENT WITH 7 US BIOLOGICAL EXPERIMENTS, EXPECTED TO RETURN TO EARTH AG 25

O 27, A-13-4

MOSCOW-NUMBER 961 IN ORBIT ---1978---

MR 1, C-12-2 1DOT

MOSCOW-SOVIETS LAUNCHED COSMOS 991

1-978-

AP 2, D-2-1

MOSCOW-SOVIETS LAUNCH 1000TH COSMOS

-1979-----JL 28, A12-3HOME

SOVIETS LAUNCH SATELLITE COSMOS 1118

-1983-

JA 6, A-8-1

DC-SOVIET SPY SATELLITE COSMOS 1402 POSES ATOMIC PERIL,

MAY FALL WITH URANIUM

J 7, A-2-1

DC-DC-SATELLITE PUTS US OFFICIALS ON ALERT.

JA 8, A-5-1

MOSCOW-COSMOS 1402 FALL NO THREAT, SOVIETS SAY

JA 19, A-2-1

DC-SATELLITE COULD COME DOWN THIS WEEKEND. AP 27, A-12-3ST

MOSCOW-RUSSIA LAUNCHED ANOTHER COSMOS SATELLITE

RACE FOR SURVIVAL-EDIT

O 8, 24-1

WE HAVE MIXED FEELINGS ABOUT SPUTNIK-EDIT

O 13, 8-12-1

AROUSSED AT LAST-ANIMAL LOVERS OBJECT TO DOG IN SATELLITE-EDIT.

N 5, 28-2

UNDER THE DOUBLE MOON-EDIT.

N 5, 28-1

PRES. IKE SPEAKS TO NATION ON RUSSIAN POWER-EDIT

N 7, 42-2

FIRST ANNIV. OF RUSSIA'S SPUTNIK I-EDIT.

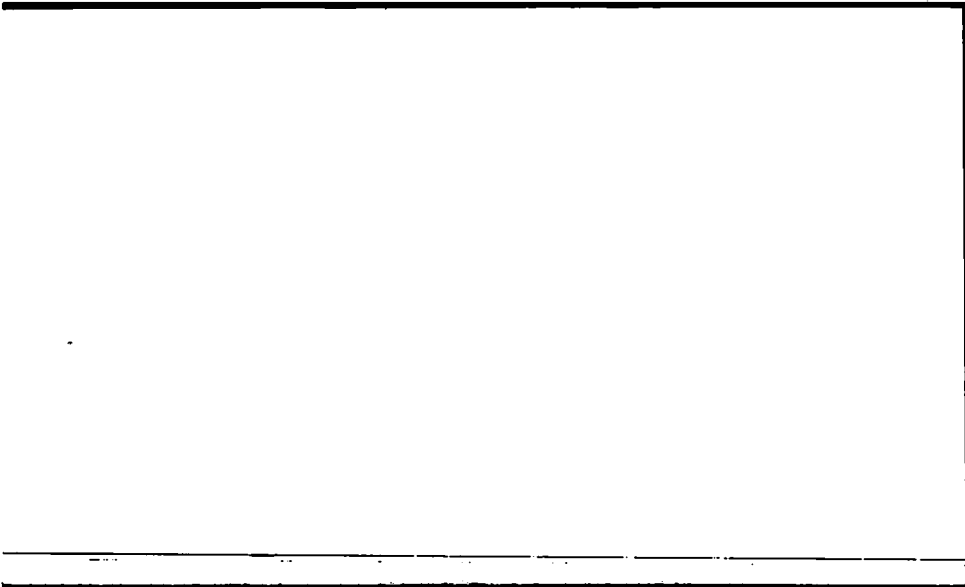
---1958---

S 27, 4-1

-1974-

MY 4, A-4-1

SOVIETS ASK SATELLITE TRACKING STATION IN AUSTRALIA; IS IT
TO BE A NEUTRAL? EDIT



1964

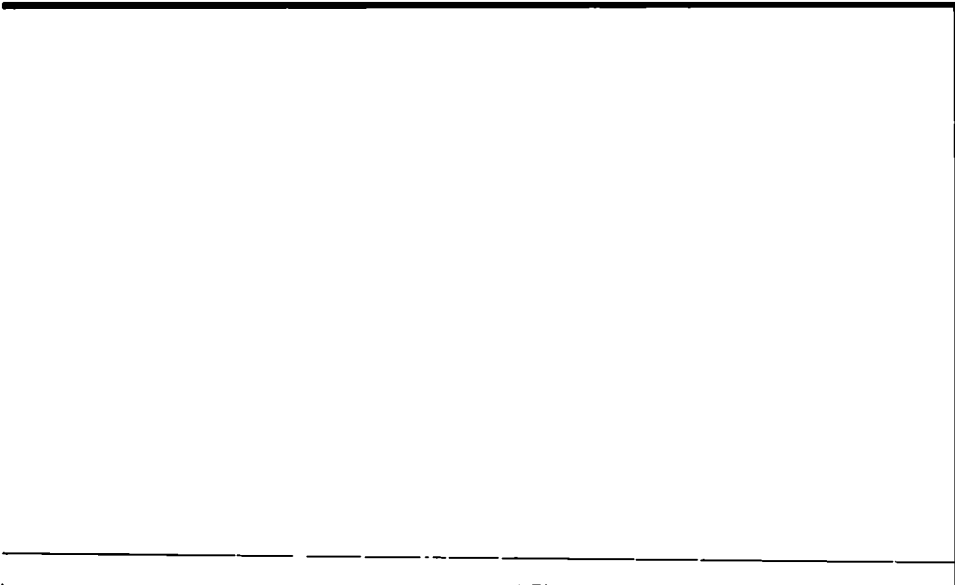
SATELLITES: RUSSIA: ELECTRON

JL 11, A-2-4

MOSCOW-ELECTRON 3 & 4, 2 SCIENTIFIC SPACE STATIONS, LAUNCHED BY SINGLE
BY SINGLE BOOSTER ROCKETS

JL 12, B-15-6

MOSCOW-BLASTED INTO SEPARATE ORBITS 2 UNMANNED SPACE STATIONS, NAMED
ELECTRON 3 & 4, TO STUDY RADIATION HAZARDS FOR HUMAN COSMIC JOURNEYS

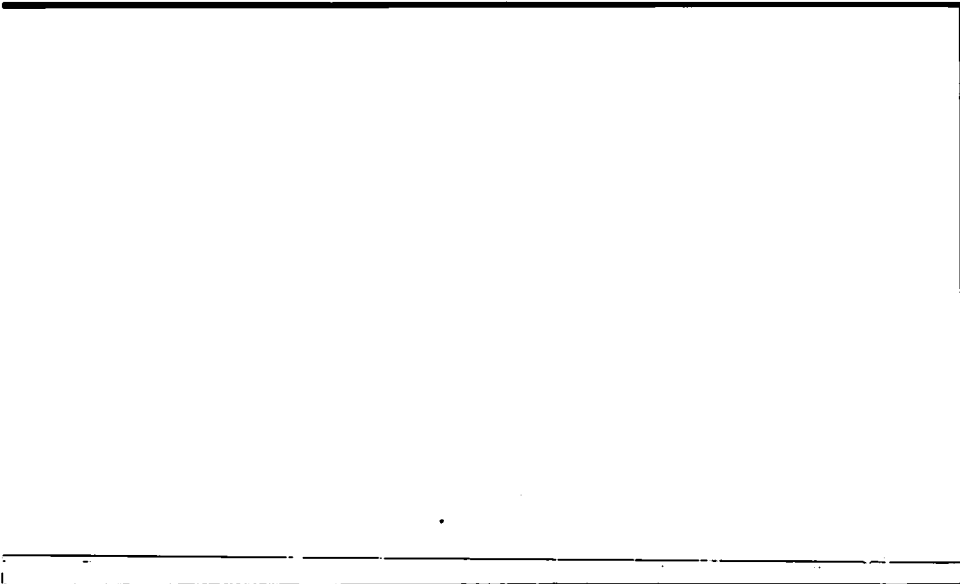


1965

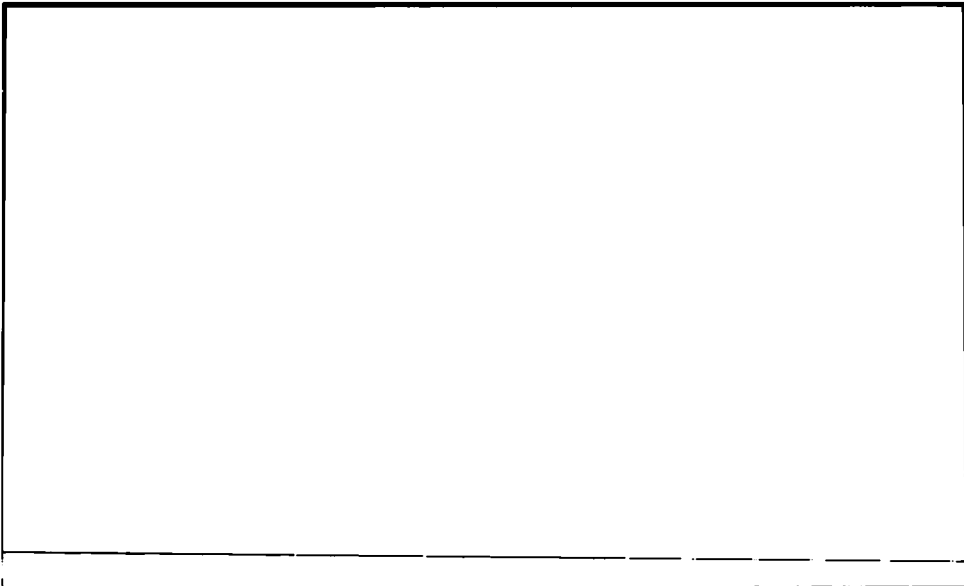
SATELLITES - RUSSIA - LIGHTNING-1

MY 5, C-4-1

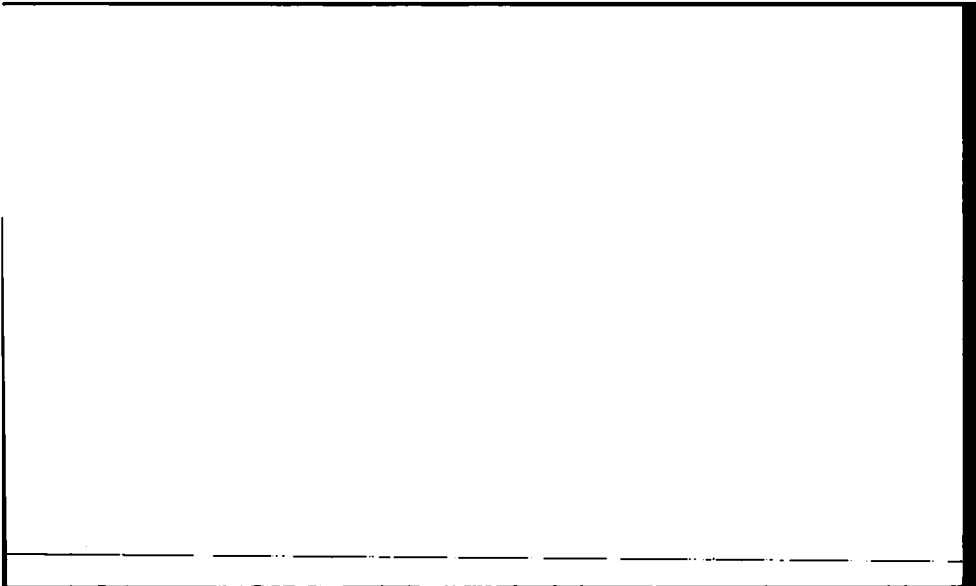
**MOSCOW-LAUNCHED APRIL 23 INTO ORBIT THAT TAKES 11 HOURS, 48 MINS. TO
MAKE 1 SPIN AROUND EARTH-CORRECTED TO MAKE IT AN EVEN 12 HOURS**



SATELLITES - RUSSIA - LINK SEE SPACE - FLIGHTS - RUSSIA - LINK



SATELLITES - RUSSIA - MARS SEE SPACE - FLIGHTS - RUSSIA - MARS



1969

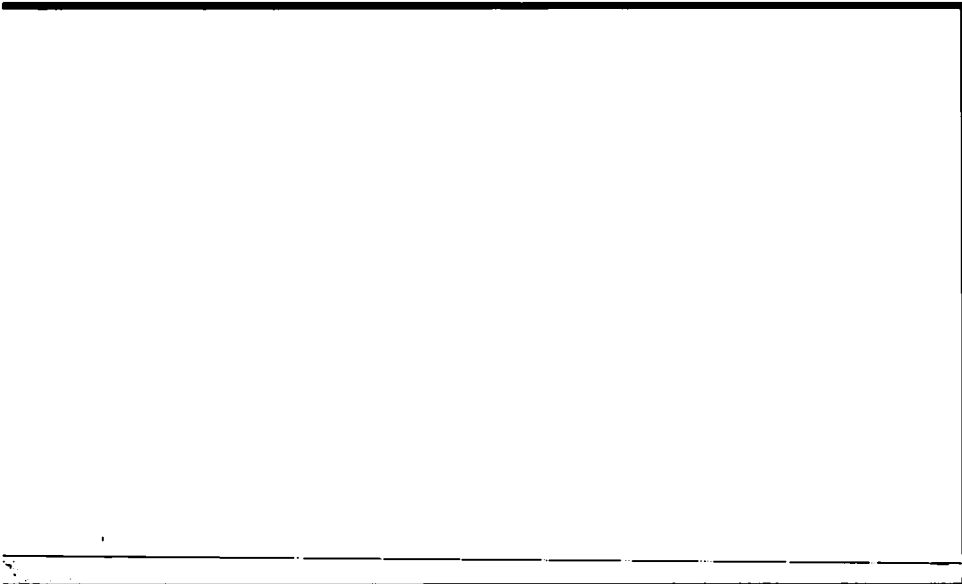
SATELLITE - RUSSIA - MOLNIA-1

AP 11, A-8-4 LF

SOVIETS ROCKET TV SATELLITE INTO ORBIT
-1976-

MR 21, A-10-3

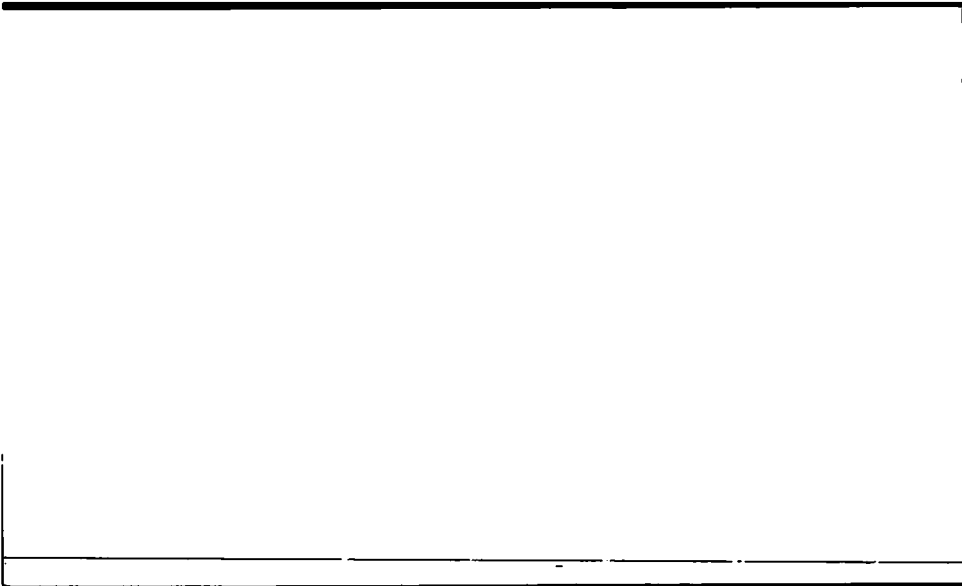
MOSCOW-LAUNCHED ANOTHER



1965

SATELLITES: RUSSIA: MOLNIYA I

MOSCOW-SOVIET UNION LAUNCHED ITS 1ST COMMUNICATIONS SATELLITE ABOVE,
INTO ORBIT & SUCCESSFULLY CARRIED OUT TV TRANSMISSIONS BETWEEN MOSCOW
Y VLADIVOSTOK
MOSCOW-EXCELLENT RECEPTION ON 1ST TELEPHONE CALLS RELAYED BY SATELLITE
BETWEEN MOSCOW & VLADIVOSTOK REPORTED
AP 23, A-6-1
MY 9, B-2-3 3*
---1966---
MOSCOW-ANOTHER MOLNIYA 1 COMMUNICATION SATELLITE LAUNCHED
AP 26, A-1-1
O 4, B-3-1
---1967---
MOSCOW-SOVIETS ORBIT FOR TELEVISION NET WORK
AP 25

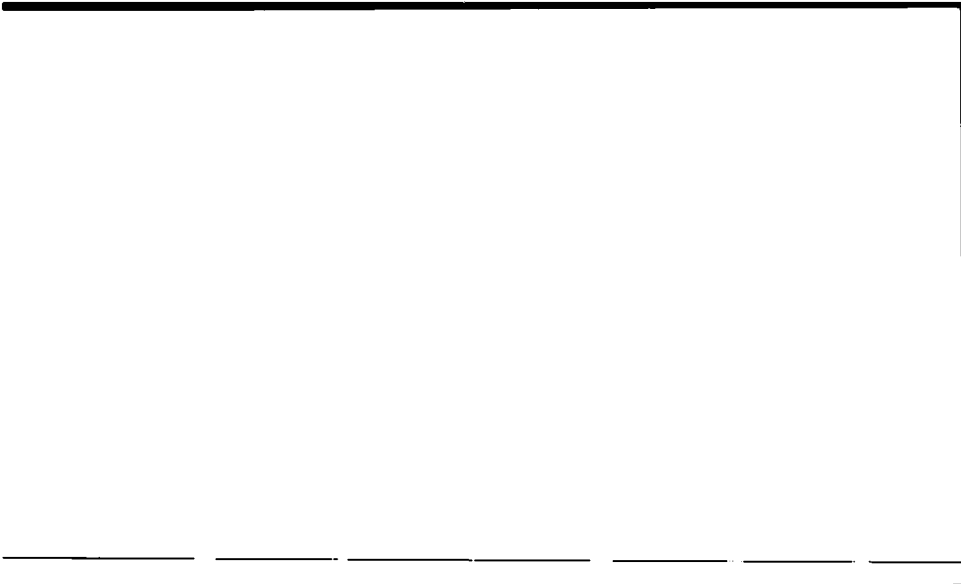


1974

SATELLITES: RUSSIA: MOLNIYA-1S

JL 31, C-2-1

NEW&IMPROVED TYPE OF COMMUNICATIONS SATELLITE, LAUNCHED BY
USSR JL29

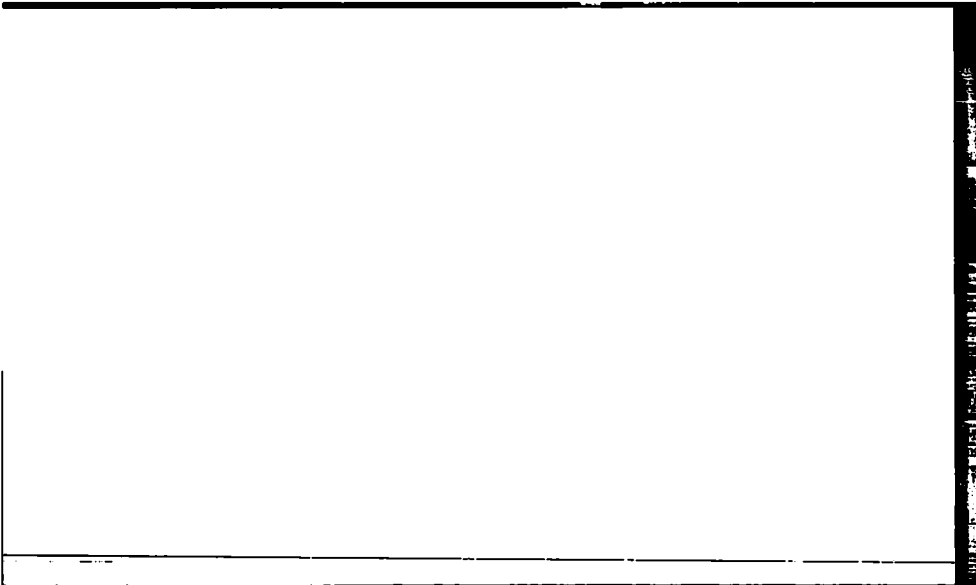


SATELLITES- RUSSIA - MOLNYA II

1965

~~O 14, C-12-3~~

MOSCOW-LAUNCHED AS 2D COMMUNICATIONSSATELLITE TO CREATE COMMUNICATION
SYSTEM

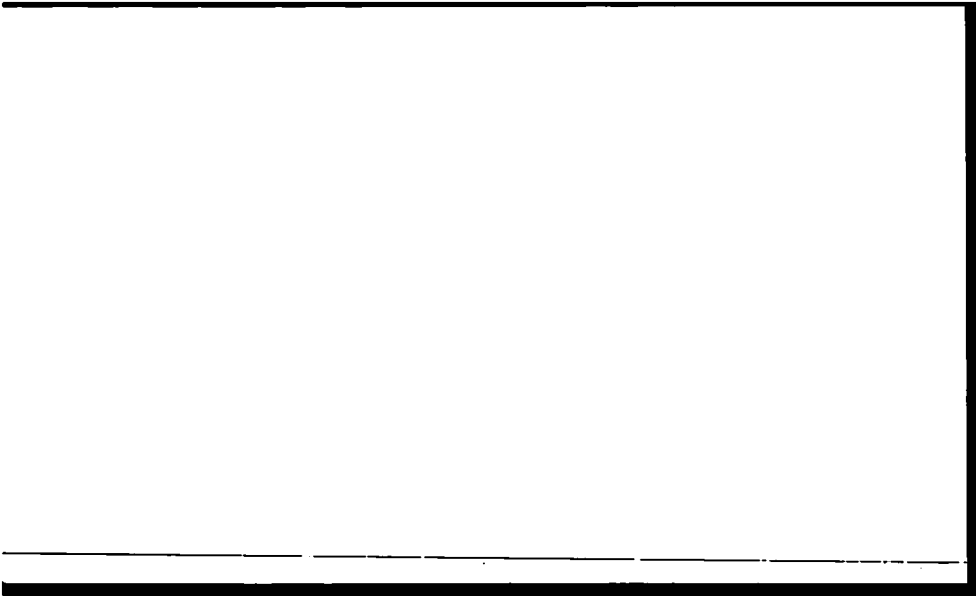


SATELLITES: RUSSIA: PROTON 4

1968

N 17, A-1-2

17 TON GIANT LAB BEING ORBITED TO STUDY COSMIC RAYS

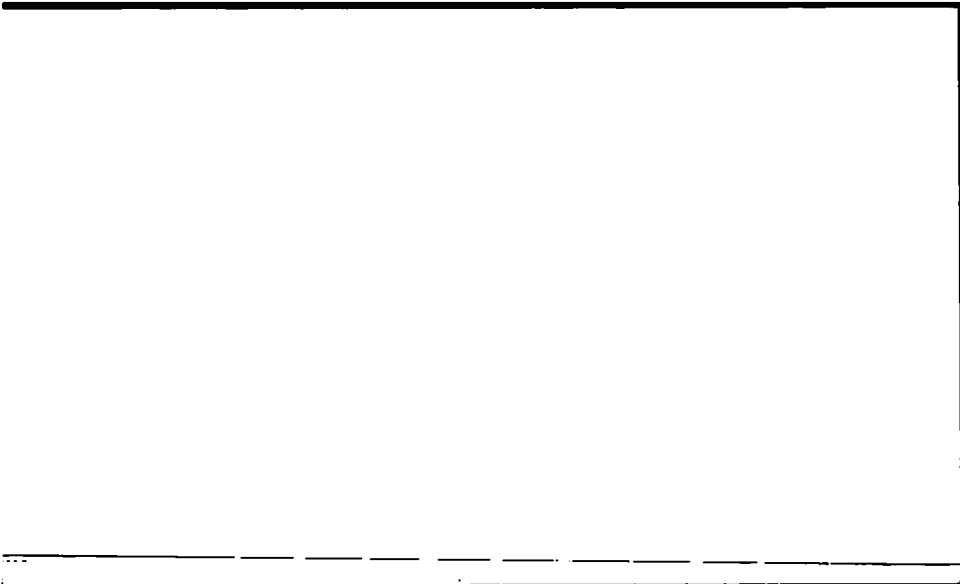


SATELLITES - RUSSIA - PROTON 3

1966

MOSCOW-DESIGNED TO STUDY COSMIC RAYS & TAKE MEASUREMENTS IN SPACE WAS
ORBITED JL 6

JL 7, 6-10-8



SATELLITES- RUSSIA - PROTON 2

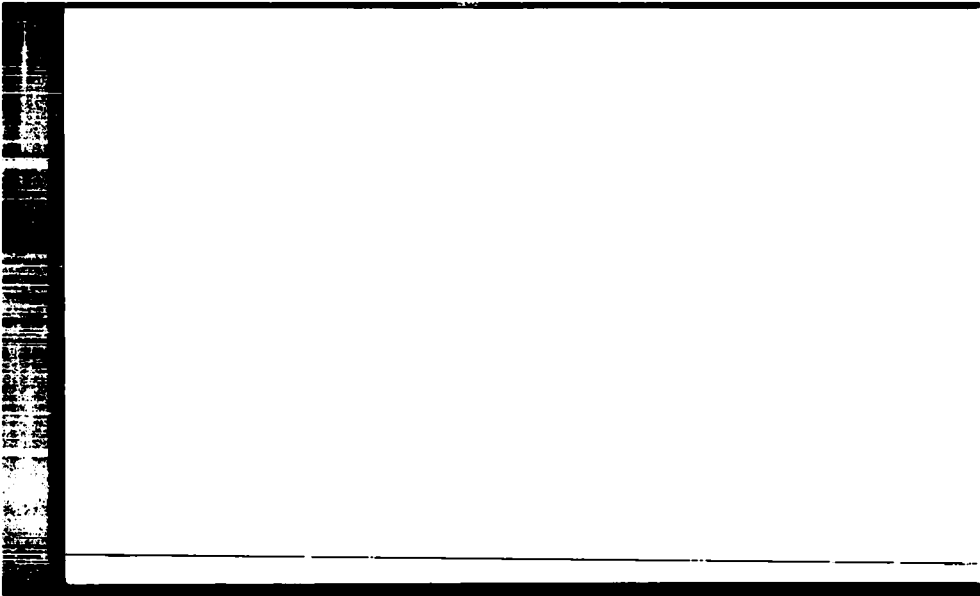
1965

N 2, A-1-8 5*

MOSCOW-USSR ORBITED ANOTHER "HEAVY SCIENTIFIC SPACE STATION" CALLED PROTON 2

N 4, A-14-3 3*

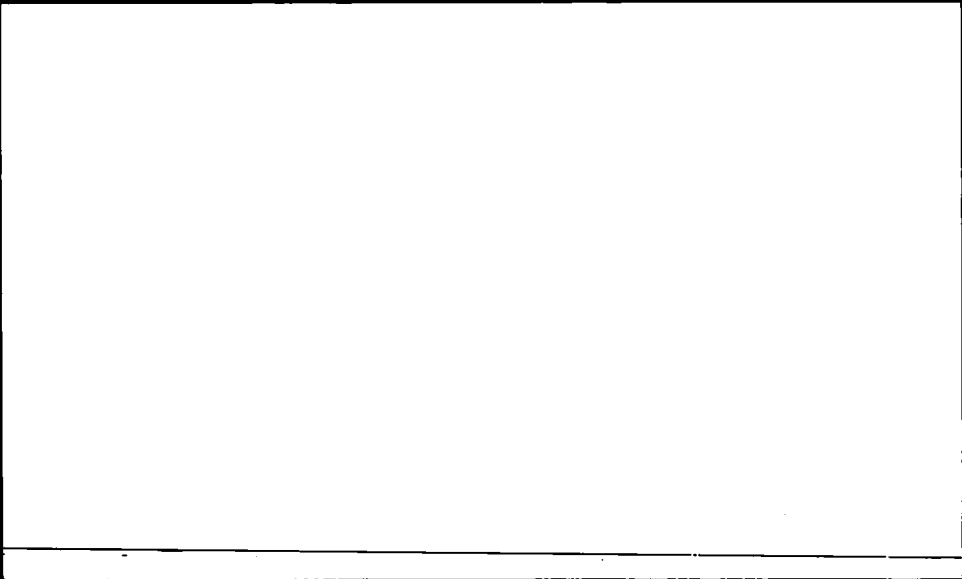
HOUSTON-SUCCESSFUL ORBIT OF ABOVE N1 CAUSING U.S. SKY SPIES TO KEEP WATCH FOR NEW MANNED SPACE SPECTACULAR



1965

SATELLITES: RUSSIA: PROTON 1

JL 17, A-1-5
MOSCOW-WEIGHS 13 TONS, ORBITED EARTH, SEEN AS FORE-RUNNER TO PERMANENT
WAY STATION IN SPACE FOR COSMONAUTS EN ROUTE TO MOON JL 18, A-7-2
MAY BE PART OF MOON PROGRAM

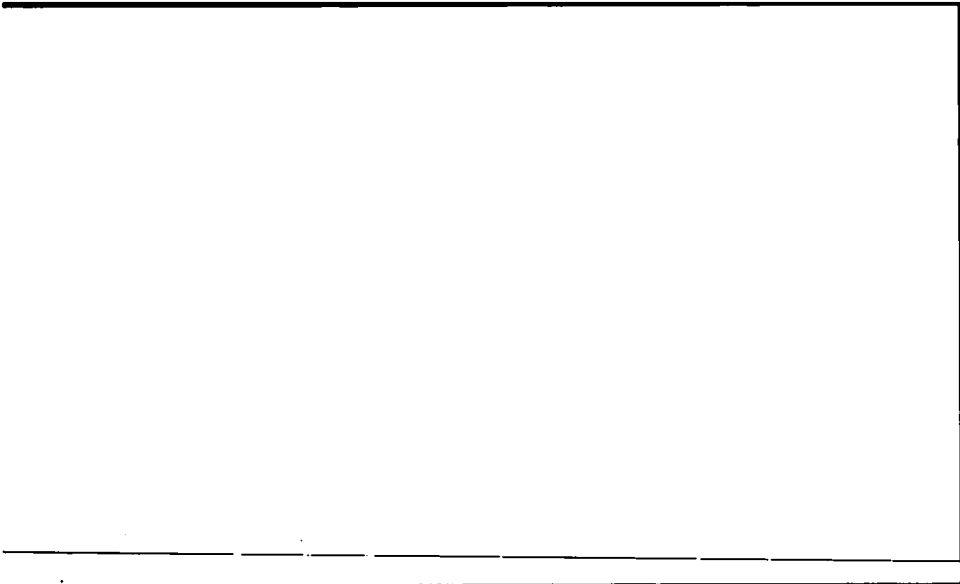


SATELLITE: RUSSIA: SALUTE

1971

AP23, A-1-1
MOSCOW- SOVIET UNION LAUNCHED SPACESHIP CARRYING 3 COS-
MONAUTS IN WHAT WILL CULMINATE IN MAN'S 1ST ORBITING SPACE
STATION AP 24, A-1-2

MOSCOW- 3 SOVIETS RENDEZVOUS WITH SATELLITE.



SATELLITES - RUSSIA - SPUTNIK I

1964

F 23, D-9-4 2*

NY-PRES. JOHNSON SAYS ABOVE RESULTED PRIMARILY FROM "MISJUDGMENTS BY
OUT POLITICAL LEADERSHIP, NOT FROM DEFICIENCIES OF SCIENTIFIC COMM."

--1967--

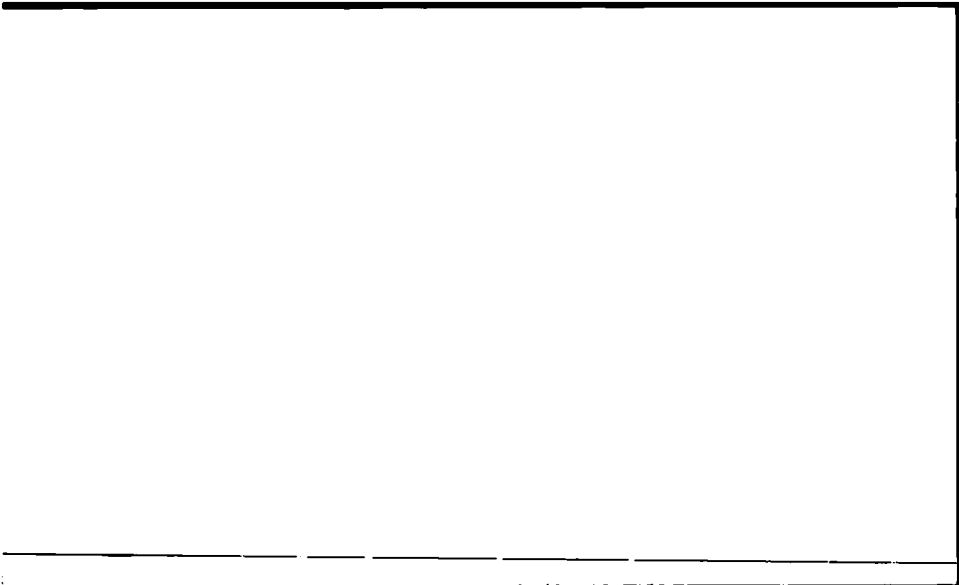
O 1, B-10-3

BEGAN ORBIT AROUND EARTH 10 YRS. AGO-SPACE AGE BEGINS 2ND
DECADE-PIPP

-1977-

O 3, A-1-6

LAUNCHED 20 YEARS AGO TO BEGIN SPACE AGE-PIPP



MOSCOW-RUSSIA LAUNCHES SPACE SHIP CARRYING DUMMY SPACEMAN	MY 15, A-1-8 5*MO
NYC-U.S.SC ENTISTS FEAR 1ST MAN IN SPACE WILL BE FROM RUSSIA	MY 16, A-1-6
U.S.LEADERS SEE MINOR GAIN IN ABOVE LAUNCHING	MY 16, A-7-4
TO BE VISIBLE OVER DET.TOMORROW	MY 16, A-8-5
CLOUDS HIDE VISIBILITY OVER DET.	MY 17, B-2-8
NW MISSILE TITAN ICRM SUSPECTED AS TOP U.S.SPY-BALL	MY 17, A-4-6 FIN 5
DETROITE S SEE RUSSIA'S NEW "SPACE SHIP" SATELLITE FOR FIRST TIME TODAY	MY 18, A-12-1
HONG KONG-RED CHINESE PREMIER CHOU EN LAI SENDS MESSAGE TO PREMIER KHRUSHCHEV CONGRATULATING HIM ON LAUNCHING OF ABOVE	MY 18, C-2-3
BRIG.GEN.DONALD D.FLICKINGER,SAYS ABOVE SHOWS RUSSIA READY TO PUT MAN INTO ORBIT-BALL	MY 18, A-1-4 LF
SUVA,FIJI ISLANDS-BALL OF FIRE METEOR NOT ABOVE	MY 18, C-4-2 FIN 5
BENDIX RESEARCH LABO.OF SOUTHFIELD,PHOTOGRAPHS ABOVE OVER DET.	MY 19, D-16-4
RUSSIA ADMITS FAILURE IN FIRING ABOVE	MY 21, A-2-7
RUSSIA'S SPACE CABIN FAILS TO RETURN TO EARTH& GOES INTO ORBIT	MY 20, A-13-3 FIN 5

COMPLETED 134 ORBITS OF EARTH

---1960---

MY 24, A-1-1

BEDFORD, MASS.-AIR FORCE SCIENTISTS SAY ROCKET SPUTNIK IV HAS ABOUT A WEEK TO LIVE

J 13, C-3-8 MET 2

J 19, A-10-5

FIN 5

PARIS-MEUDON OBSERVATORY REPORTS ABOVE BURNED UP

1962-S 6, A-3-6

HARTFORD, CONN.-U.S. TO CHECK FIERY OBJECTS WHICH FELL FR. SPACE; POSSIBLE FRAGMENTS FROM ABOVE

S 11, A-16-5 FIN 3

SCIENTISTS AT LOS ALAMOS (N.M.) SCIENTIFIC LABORATORY EXAMINE PORTION OF 14-LB. PIECE OF METAL WHICH FELL NEAR MANITOWOC, WIS. BELIEVED TO BE PART OF ABOVE

S 14, A-1-1 LF

US OFFERS RUSSIA ABOVE PIECE OF SPUTNIK

SATELLITES - RUSSIAN - SPUTNIK

1965

S 19, A-23-8

MOSCOW-5 SPUTNIKS PUT INTO ORBIT FROM 1 ROCKET TODAY TASS SAYS

-----1969-----JL15, SPACE 14

IT ALL BEGAN WITH THE SPUTNIK (THE SPACE RACE)

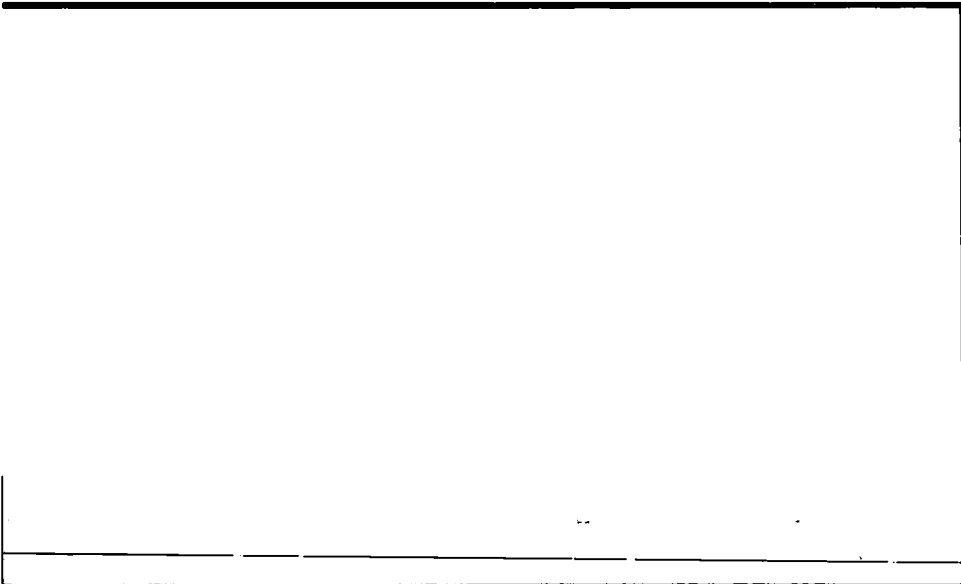
--1971-- JL 18, B-8-2 IDOT

SOVIET UNION ORBITED UNMANNED WEATHER SATELLITE SINCE SOYUZ
11 COSMONAUTS KILLED JE 30 -1972- 0 22, B-7-4

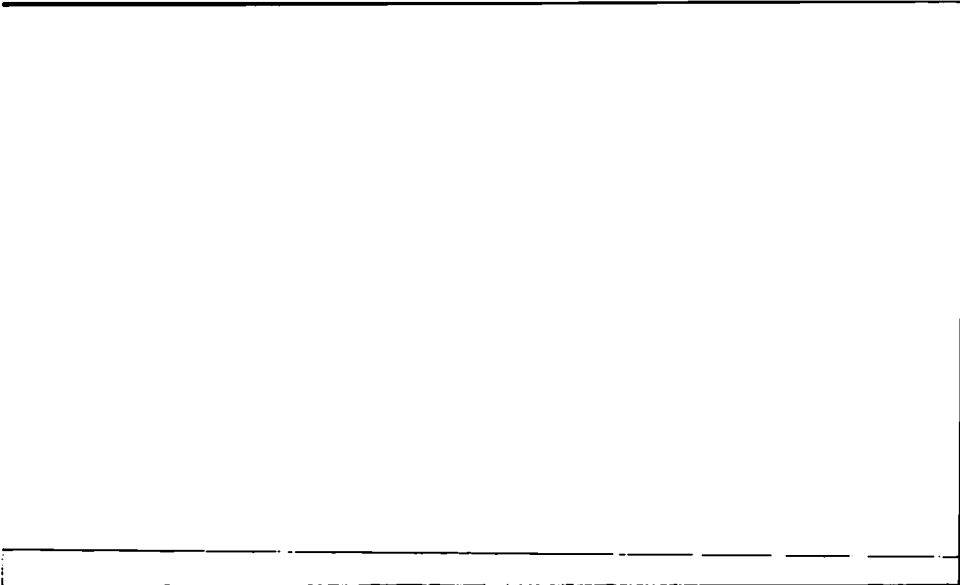
FORMER CIA AGENT SAYS CIA ONCE MANAGED TO STEAL SOVIET
SPUTNIK FOR 3 HOURS, BUT MUCH OTHER HIGHLEVEL SNOOPING WAS
BUNGLED.

-1987-

Moscow-Soviets still cashing in on Sputnik.



SATELLITES - RUSSIA - VENUS SEE SPACE - FLIGHTS - RUSSIA - VENUS



SATELLITES - RUSSIA

1955

PREPARING TO LAUNCH EARTH'S SATELLITE SIMILAR TO US	JL 30, 1-7
RUSSIA, BRITAIN, FRANCE & US IN RACE FOR SPACE TRAVEL SHIP	JL 31, 1-1-8
RUSSIANS HOPE TO MAKE FIRST TRIP TO MOON	JL 31, 1-1-8 3*
RUSSIA MAY LAUNCH SATELLITE IN '57	AG 2, 1-1
ABOVE TO SPEND \$20,000,000 ON SPACE SHIP PROJECT	O 20, 20-4
---1957---	
CINCINNATI MAY LAUNCH SATELLITE 5 TIMES SIZE OF US	MR 16, 6-3
SAYS THEIR SATELLITE IS READY	JE 1, 3-4
READY FOR LAUNCHING	JE 2, A-1-7
LONDON-REDS PLAN EARTH SATELLITE FOR 16 GLOBAL TRIPS DAILY	JE 10, 23-1
MOSCOW-SOVIET SCIENTISTS VAGUE ON SATELLITE-CUTLER	JE 19, 63-3
LONDON-RUSSIA TO LAUNCH EARTH SATELLITE	S 17, 21-7 IH
RUSSIA FLATLY REFUSES TO TELL WORLD'S SCIENTIST WHEN ITS ARTIFICIAL	O 1, 23-1
MOON WILL BE LAUNCHED	O 6, A-3-2
WAYNE STATE U. TO HOLD TALKS ON EARTH SATELLITES	O 5, 1-6
RUSSIA LAUNCHES MAN'S FIRST SATELLITE OCT 4, 1957; CIRCLING EARTH AT	O 5, 1-7
18,000 MPH 560 MILES OVER EARTH	O 5, 1-3
DETROIT VIEW OF RUSSIAN SATELLITE DOUBTED	
QUESTIONS & ANSWERS ON EARTH SATELLITE LAUNCHED BY RUSSIA	

---1957---

FEAR RUSSIA HAS JUMP ON U.S. IN MOON ROCKET	0 5, 1-3
R.B. WHITEHURST OF GROSSE PTE. HEARS SIGNALS FR. RUSSIAN SATELLITE-POPA	0 5, 1-5
RADIO MASTER CONTROL AT WHJ FIRST PICKED UP SATELLITE'S SIGNAL AT 8:20	0 5, 1-6
AMTODAY	0 5, 2-1
AMERICAN SCIENTISTS LEARN OF RUSSIAN LAUNCHING FIRST EARTH SATELLITE	0 5, 2-6
CAMBRIDGE, MASS.-RUSSIAN SATELLITE INVISIBLE TO NAKED EYE DUE TO BEING IN PATH OF SUN	0 5, 2-5
HOW HAM RADIO OPERATORS CAN LISTEN TO SIGNALS FROM RUSSIAN EARTH SATELLITE ON SHORT WAVE BANDS	0 5, 2-3
ARTIST'S DRAWING SHOWING PROBABLE METHOD BY WHICH RUSSIANS LAUNCHED SATELLITE NOW CIRCLING EARTH	0 5, 5-8
MOSCOW-FACTS & FIGURES ON SOVIET SATELLITE	0 5, 5-5
E. OWARD PERKINS, BUILDER OF SATELLITE FOR U.S. WARNS U.S. RUSSIANS DID NOT BLUFF ON HAVING SPHERE FOR SPACE	0 5, 1-1 MAIL
CHANCES OF SPOTTING RUSSIAN SATELLITE IN SKY	0 6, A-1-3
MILITARY SIGNIFICANCE OF RUSSIA'S FEAT IN BEATING U.S. TO LAUNCHING OF AN EARTH SATELLITE-MARSHALL	0 6, A-1-5
PARIS-RUSSIAN SCIENTIST U. KHEBTZEVICH EXPECTS MAN TO LAND ON MOON WITHIN 5 TO 10 YRS.	0 6, A-1-8
WATCHERS TRY TO CHART PATH OF RUSSIAN SATELLITE	0 6, A-1-4
RUSSIA'S WORD FOR EARTH SATELLITE IS "SPUTNIK"	0 6, A-1-1
DR. A. A. BLAGONRAVOV WHO BROKE NEWS OF RUSSIAN LAUNCHING OF EARTH SATELLITE TO U.S. CO. F. OF 1957	

RUSSIANS HAD 2 "MOONS" SOVIET SCIENTIST DR. A. A. LAGONROVOV SAYS 0 6, 8-11-1
 0 6, 8-11-7
 MICH. SCIENTISTS SAY U.S. CAN CATCH UP 0 6, 8-11-1 2*
 MOSCOW-RUSSIAN SCIENTISTS SET GOAL OF MOON IN REW YEARS 0 6, A-3-1 3*
 DR. LEO GOLDBERG'S COPY OF RED SCIENCE JOURNAL RELATES DETAILS OF RUSSIAN SATELLITE 0 6, 8-11-7 3*
 COPENHAGEN-RUSSIANS GAVE WARNING OF DEFEATING U.S. 0 7, 1-5
 RUSSIANS HINT A SUPER SATELLITE WILL BE FIRED N 7TH 0 7, 1-8
 SCIENTISTS OF WORLD FIND CLUES IN RUSSIAN ORBIT-LAMBERT 0 7, 10-3
 MELBOURNE, AUSTRALIA-THOUSANDS IN STATE OF VICTORIA REPORTED SIGHTING RUSSIA'S MOON TONIGHT 0 7K 10-2
 FRENCH AVIATION EXPERT GEN. PIERRE GALLOIS SAYS U.S. IS BUILDING SPY SATELLITE AGST RUSSIA 0 7, 10-5
 CAMBRIDGE, MASS.-U.S. EXPECTS TO PHOTOGRAPH MOON IN 8 OR 9 DAYS 0 7, 12-1
 U.S. SCIENTISTS URGES U.S. GO ALL OUT TO BEAT RUSSIANS IN SPACE 0 7, 12-5
 MOSCOW-RUSSIA REPORTED WORKING ON MOON THAT CAN RETURN TO EARTH UNDA MAGED-CUTLER 0 7, 12-6
 FCC WARNS AGST RADIO HAMS SENDING FAKE MESSAGES FROM RUSSIAN ORBIT 0 7, 12-8
 WILLY LEY, GERMAN ROCKET EXPERT, DENIES GERMAN SLAVES GUILT RED ORBIT