

APOLLO 12
LUNAR LANDMARK MAPS (CSM)
PART NUMBER
SKB 32100081-322

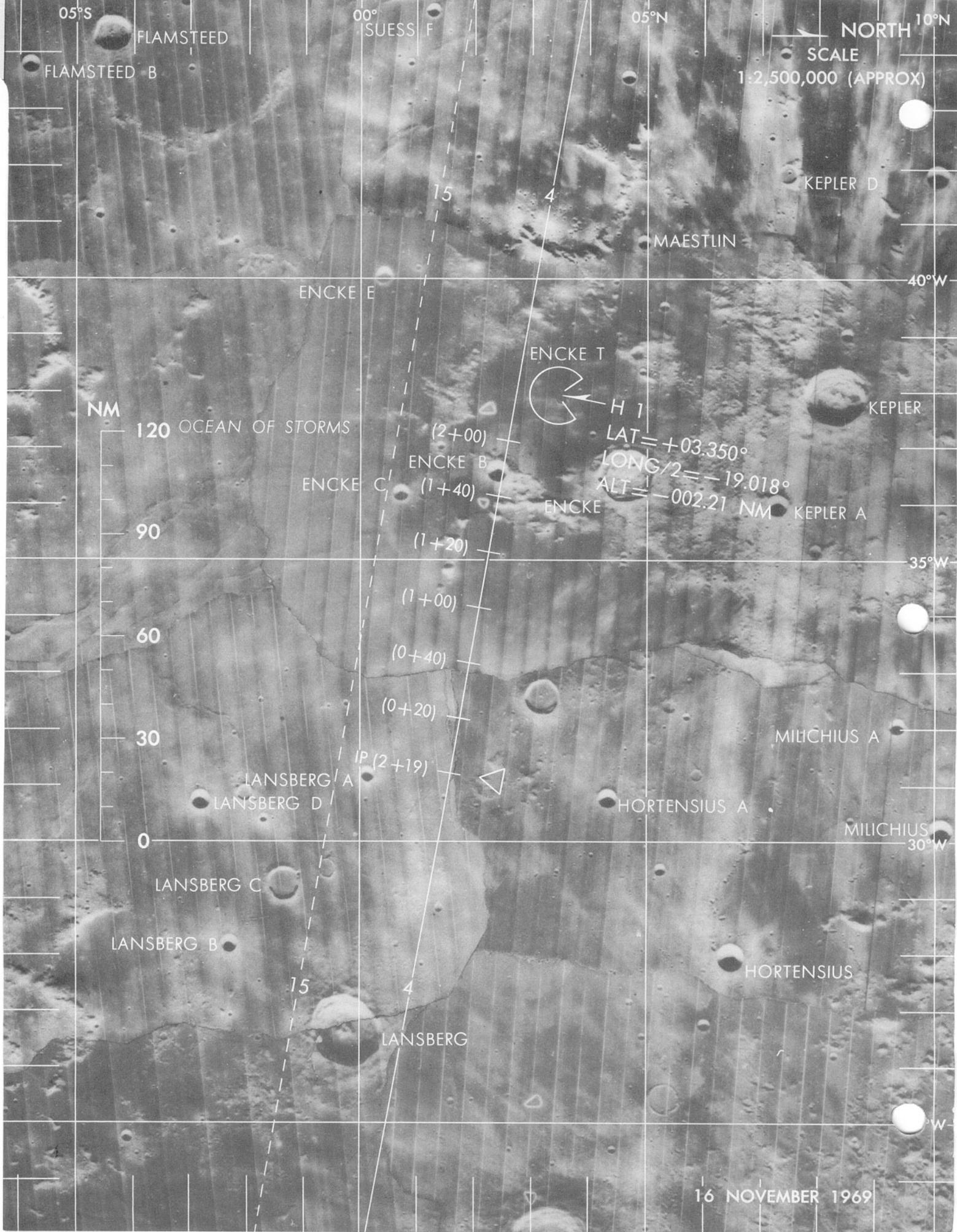
NOVEMBER 16, 1969

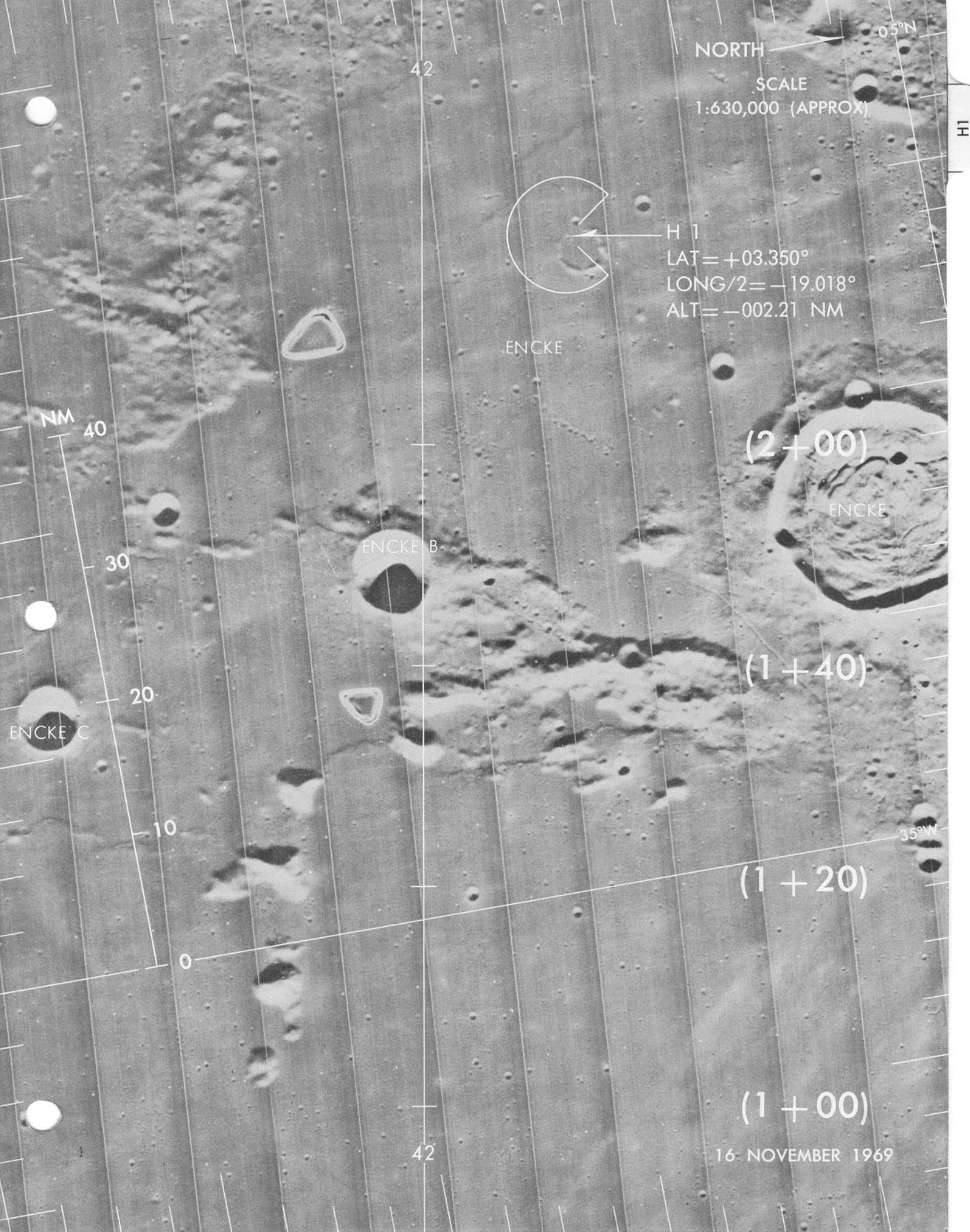
SUMMARY

LAUNCH DATE NOVEMBER 16, 1969

TYPE	NUMBER	LATITUDE	LONGITUDE	DIAMETER (ft)	GRAPHIC NO.
CONTROL POINTS	CP 1	-09.000°	+79.600°	3780	CP 1
	CP 2	-09.917°	+43.433°	6930	CP 2
	CP 3	+03.422°	-60.967°	4200	CP 3
PSEUDO LANDING SITE	H 1	+03.350°	-38.035°	1970	H1
LANDING SITE 5	180	+01.510°	-41.818°	2400	SITE 5 OBlique 1:200,000 1:630,000
	SITE 5	+01.678°	-41.899°		
FRA MAURO	FM 1	-03.228°	-17.331°	4170	FM 1 1:200,000 1:630,000

H





SCALE 1:200,000

19° EAST SUN ANGLE

LANDING SITE LANDMARK MAPS

MISSION APOLLO 12
SITE 5
LUNAR LANDING SITE 5

LATITUDE (0.001°)	LONG/2 (0.001°)	LONGITUDE (0.001°)	ALTITUDE (0.01nm)	HORIZONTAL UNCERT. (nm)	ALTITUDE UNCERT (nm)
+ 01.678°	- 20.950°	- 41.899°	- 001.25		

LUNAR LANDING SITE 5 LANDMARKS

LANDMARK NUMBER	LATITUDE (0.001°)	LONG/2 (0.001°)	LONGITUDE (0.001°)	ALTITUDE (0.01nm)	DIAMETER (ft)
* 180	+ 01.510°	- 20.909°	- 41.818°	- 001.25	2400
171	+ 01.334°	- 20.396°	- 40.793°	- 001.29	4700
178	+ 01.759°	- 20.785°	- 41.570°	- 001.22	2300
184	+ 02.053°	- 21.114°	- 42.228	- 001.23	1500

* PREFERRED SIGHTING

NOVEMBER 16, 1969

SCALE
1:400,000 (APPROX)

SITE 5

12 184

178

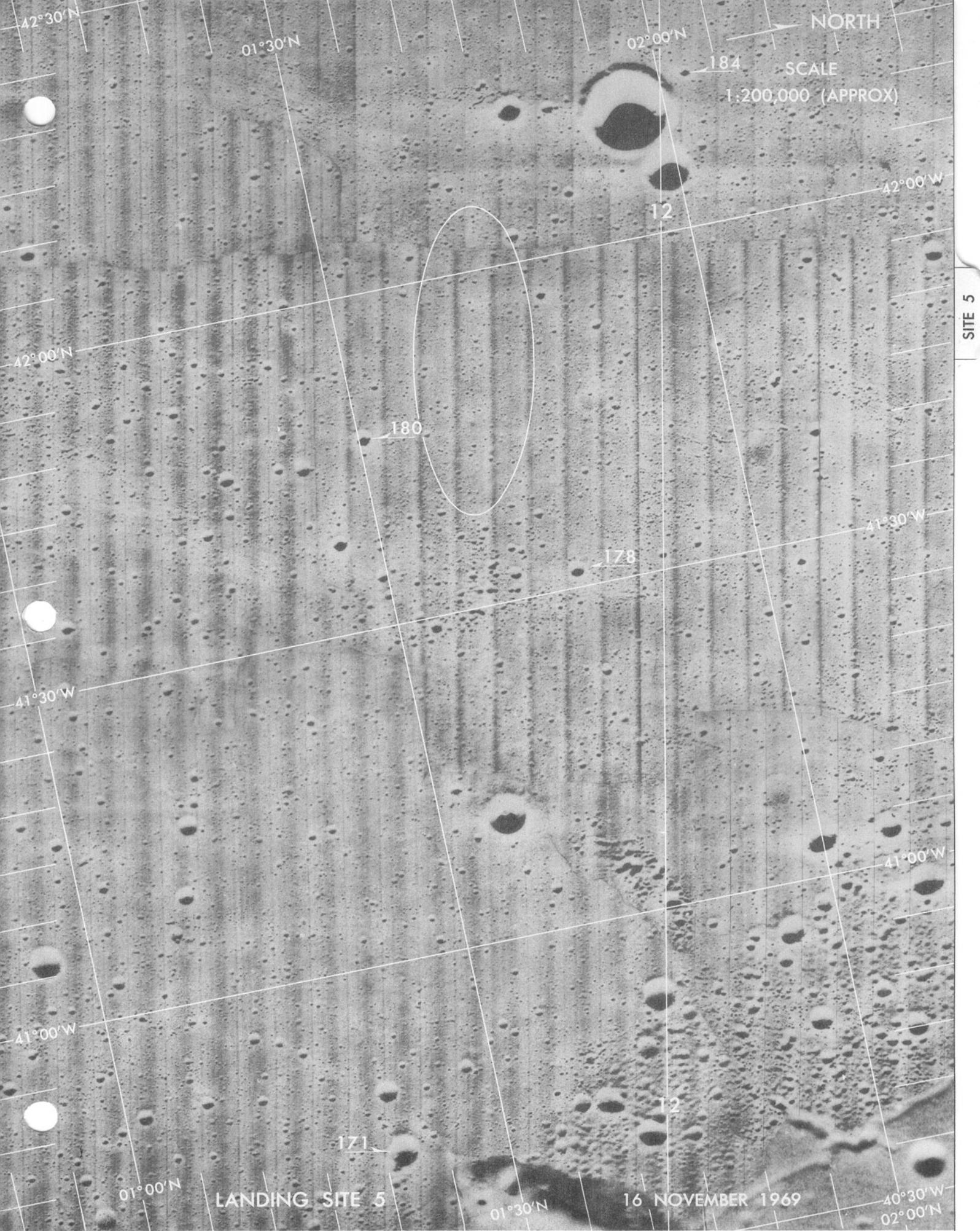
180

171

12

LANDING SITE 5

16 NOVEMBER 1969



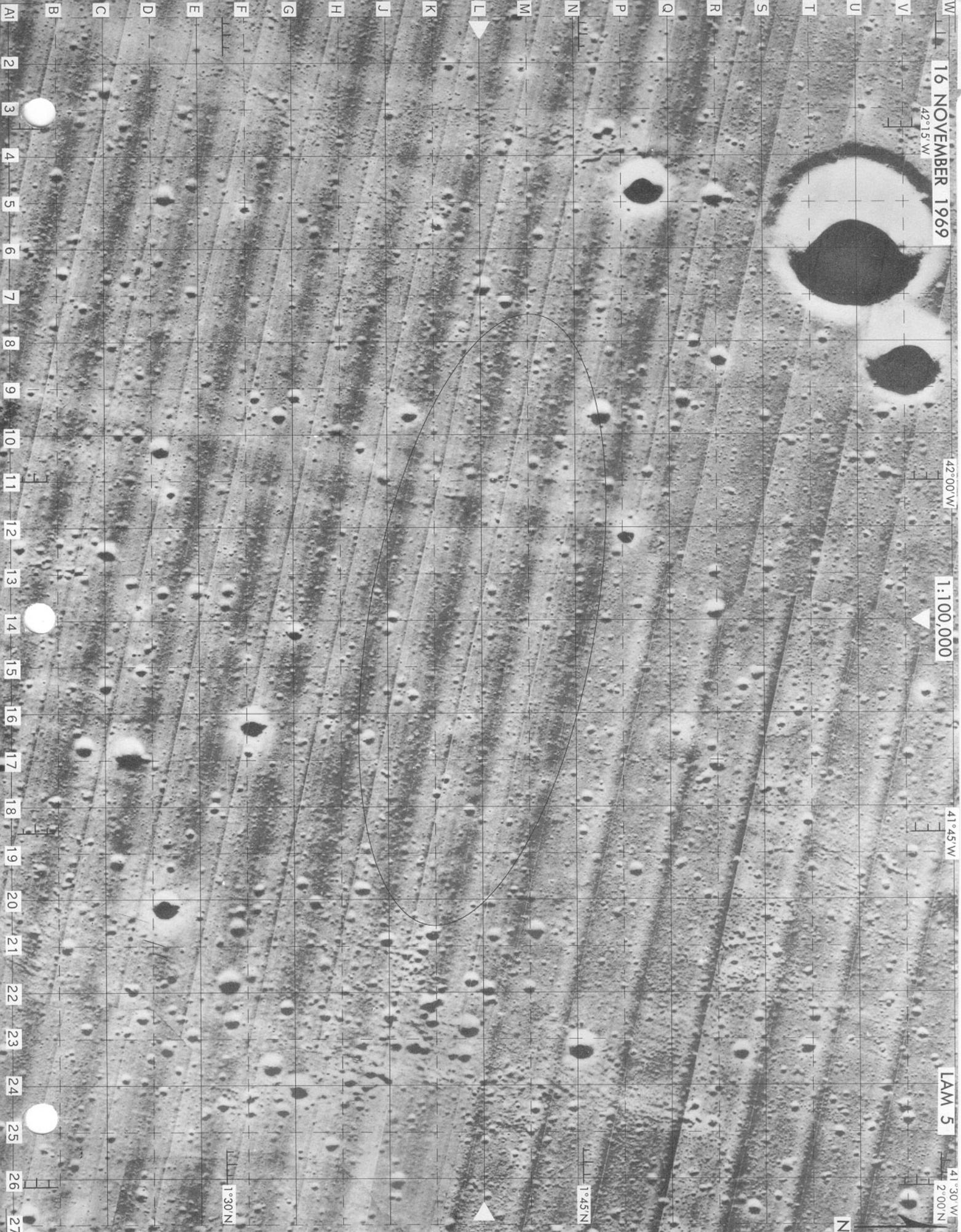
16 NOVEMBER 1969

1:100,000

41°30'W

LAM 5

41°20'N



ELEVATION ANGLE 23°

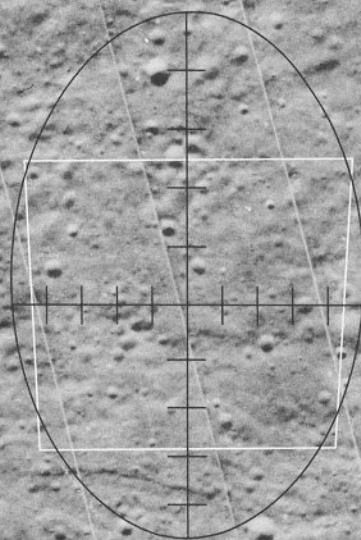
COAS FM 23



Z →

16 NOVEMBER 1969

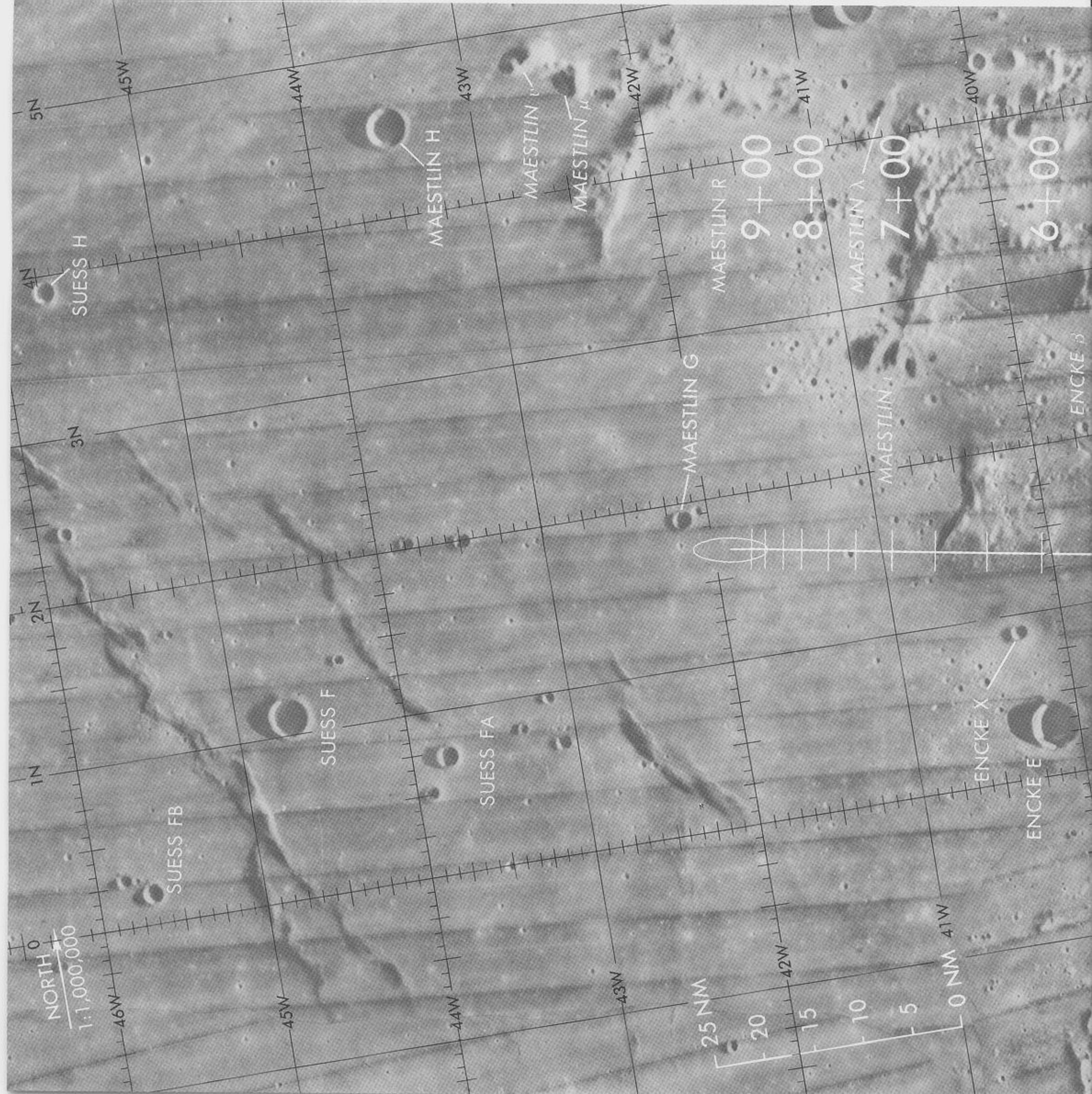
ELEVATION ANGLE 41°

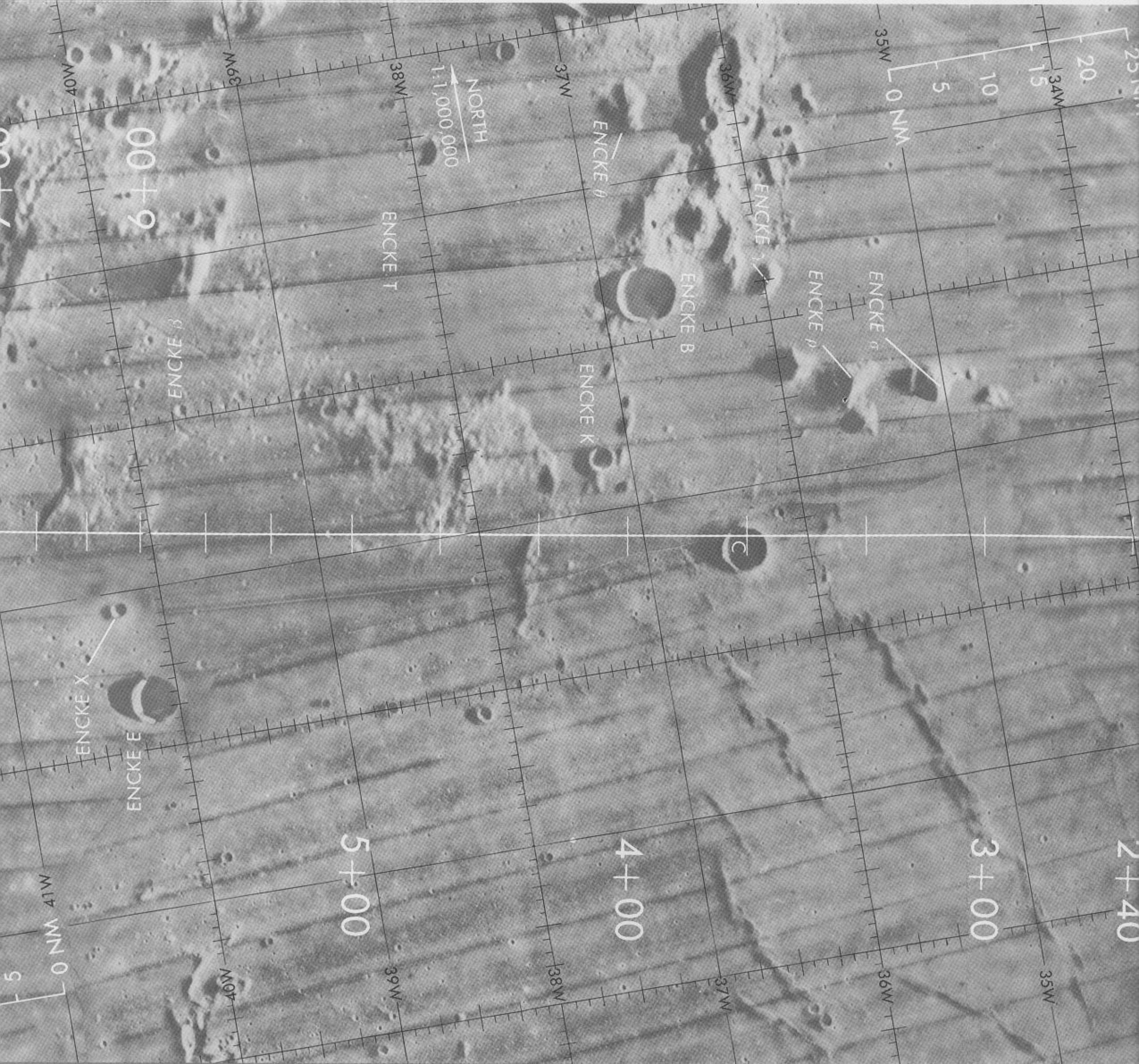


COAS FM 41

N

16 NOVEMBER 1969





0 + 40

29W

KUNOWSKY D

NORTH
29W
1:1,000,000

C

1 + 00

30W

LANSBERG E

LANSBERG D

LANSBERG C

LANSBERG B

LANSBERG A

LANSBERG G

LANSBERG F

LANSBERG H

LANSBERG I

LANSBERG J

LANSBERG K

LANSBERG L

LANSBERG M

LANSBERG N

LANSBERG O

LANSBERG P

LANSBERG Q

LANSBERG R

LANSBERG S

LANSBERG T

LANSBERG U

LANSBERG V

LANSBERG W

LANSBERG X

LANSBERG Y

LANSBERG Z

28W
30W
31W
32W
33W
34W
35W

KUNOWSKY G
KUNOWSKY H
LANSBERG AA
KUNOWSKY σ

A

1 + 20

31W

30W

29W

28W

27W

26W

25W

24W

23W

22W

21W

20W

19W

18W

17W

16W

15W

14W

13W

12W

11W

10W

9W

8W

7W

6W

5W

4W

3W

2W

1W

0W

1W

2W

3W

4W

5W

6W

7W

8W

9W

10W

11W

12W

13W

14W

15W

16W

17W

18W

19W

20W

21W

22W

23W

24W

25W

26W

27W

28W

29W

30W

31W

32W

33W

34W

35W

2 + 00

33W

34W

35W

36W

37W

38W

39W

40W

41W

42W

43W

44W

45W

46W

47W

48W

49W

50W

51W

52W

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83W

84W

85W

86W

87W

88W

89W

90W

91W

92W

93W

94W

95W

96W

97W

98W

99W

100W

2 + 20

34W

35W

36W

37W

38W

39W

40W

41W

42W

43W

44W

45W

46W

47W

48W

49W

50W

51W

52W

53W

54W

55W

56W

57W

58W

59W

60W

61W

62W

63W

64W

65W

66W

67W

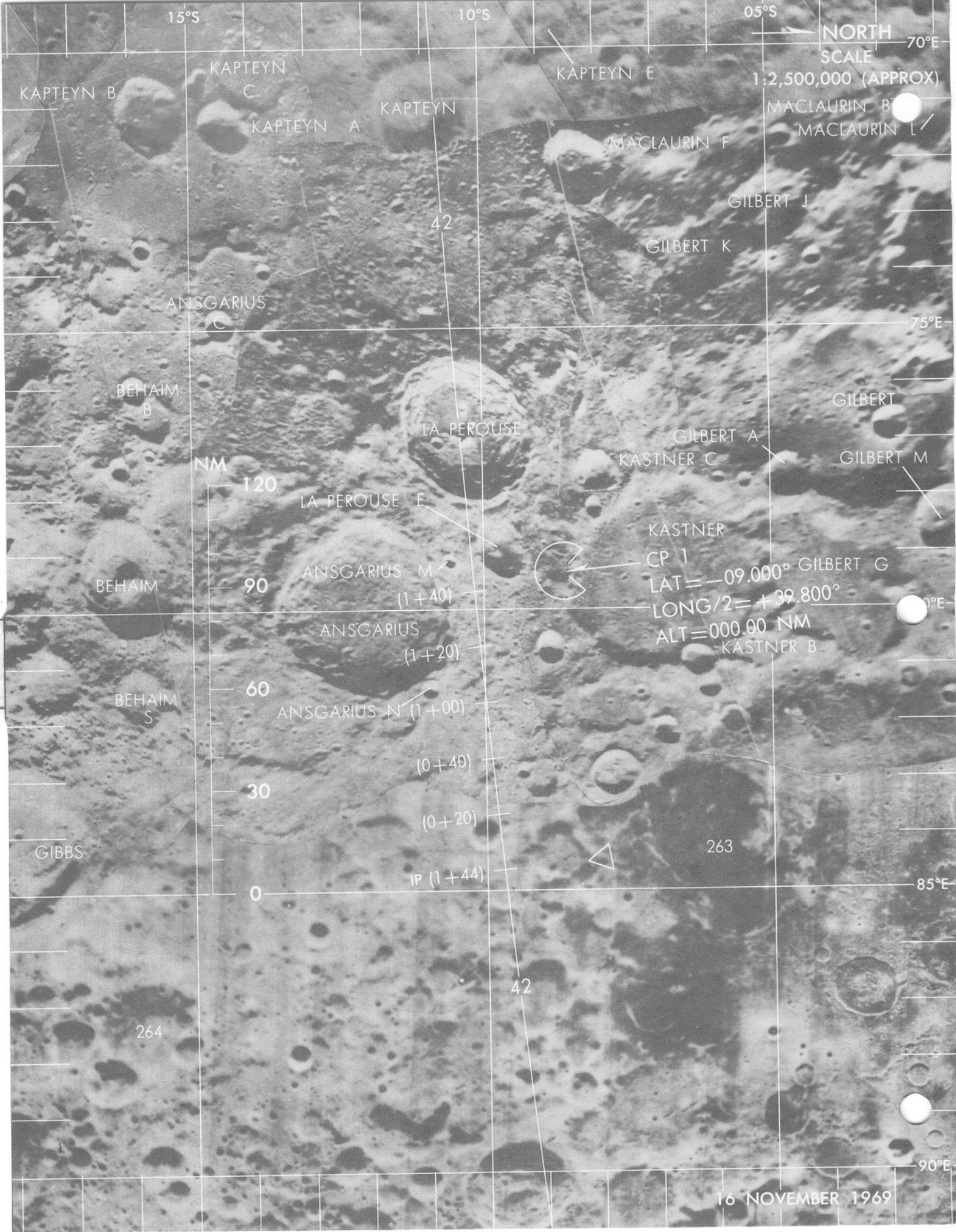
68W

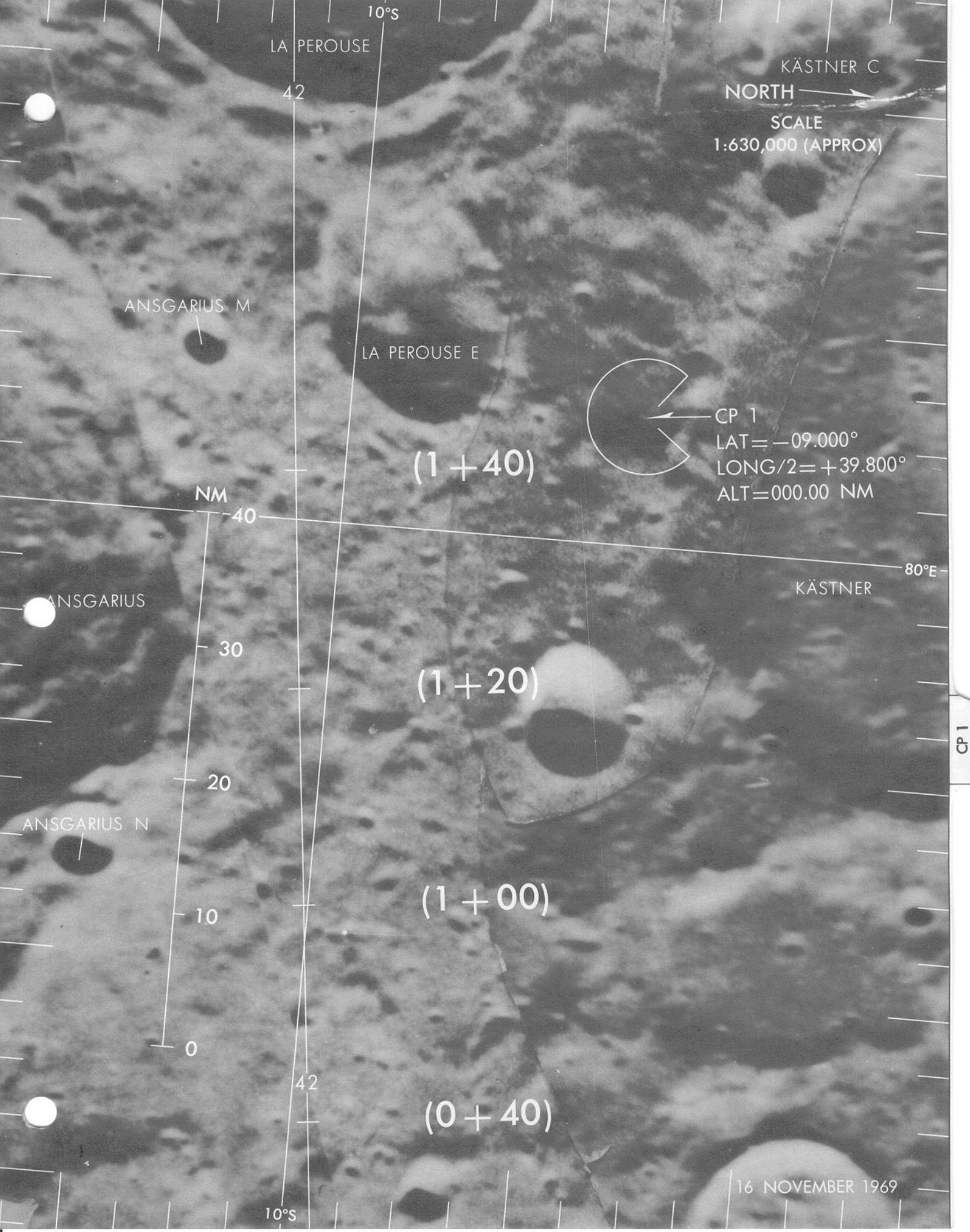
69W

70W

71W







15°S

10°S

05°S

NORTH

ROSSE

CAPELLA

SCALE

1:2,500,000 (APPROX)

SEA OF NECTAR

42

GAUDIBERT

BOHNENBERGER

RANGE

GUTENBERG II FAULT

BOHNENBERGER A

BOHNENBERGER C

PYRENEES

GUTENBERG G

40°E

NM

120

90

60

30

0

MOUNTAIN

GUTENBERG

LUBBOCK

GUTENBERG E

D

CP 2

LAT = -09.917°

LONG/2 = +21.717°

ALT = -004.10 NM

(1+00)

(0+40)

(0+20)

IP (1+24)

GOCLENIUS

SEA OF FERTILITY

MESSIER D

MONGE

COOK

Mc CLURE

COOK B

CLURE A

CROZIER H

BELLOT

MAGELHAENS A

COLOMBO

CROZIER

COLOMBO A

Mc CLURE M

Mc CLURE D

GOCLENIUS A

GOCLENIUS U

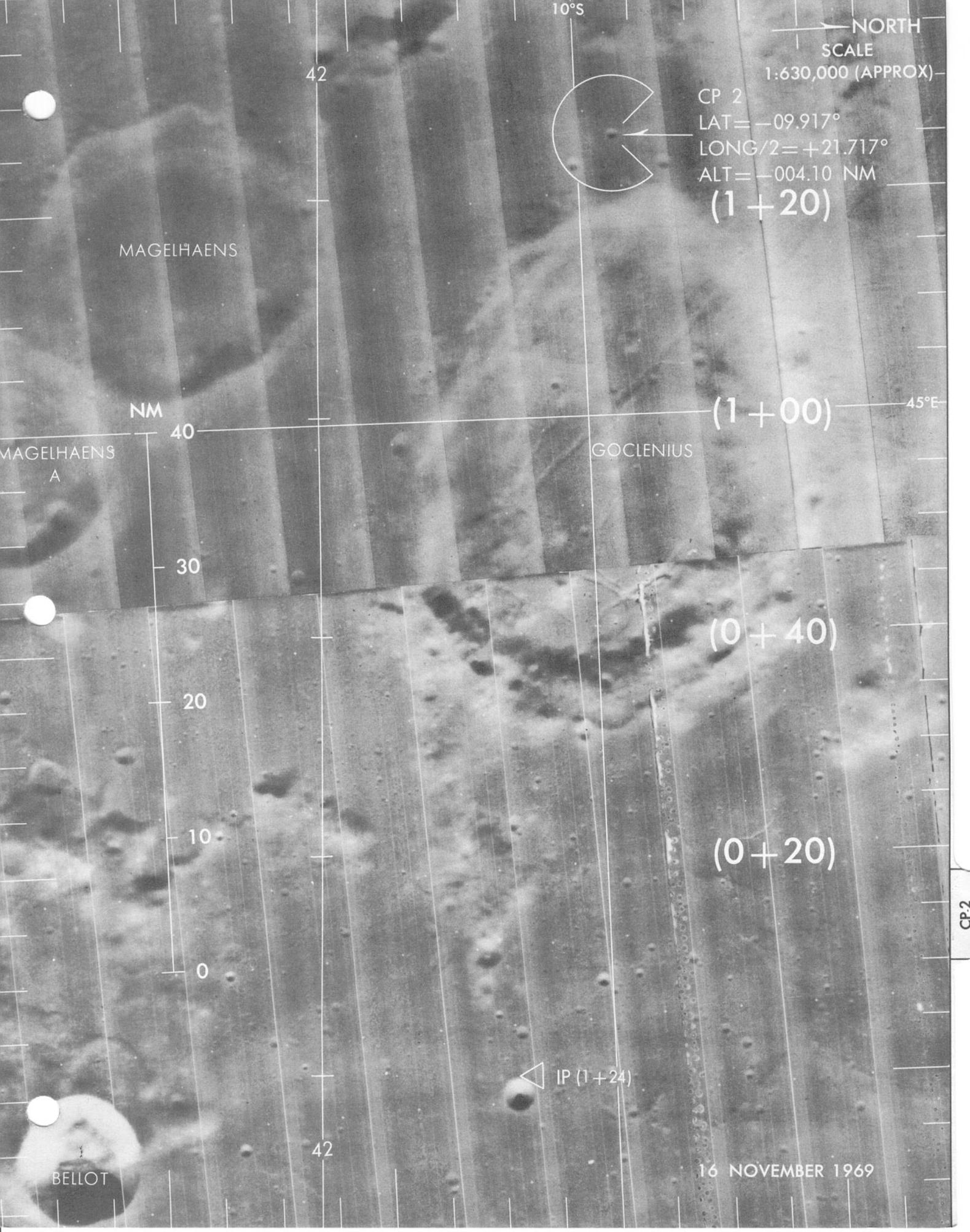
MESSIER G

42

16 NOVEMBER 1969

50°E

55°E





05°N

42

NORTH

SCALE

1:630,000 (APPROX)

HEVELIUS D

CP 3

LAT = +03.422°

LONG/2 = -30.484°

ALT = -002.54 NM

OCEAN OF STORMS

60°W

(1 + 40)

NM
40

30

20

10

0

(1 + 20)

(1 + 00)

CP 3

16 NOVEMBER 1969

05°N

SCALE 1:200,000

20° EAST SUN ANGLE

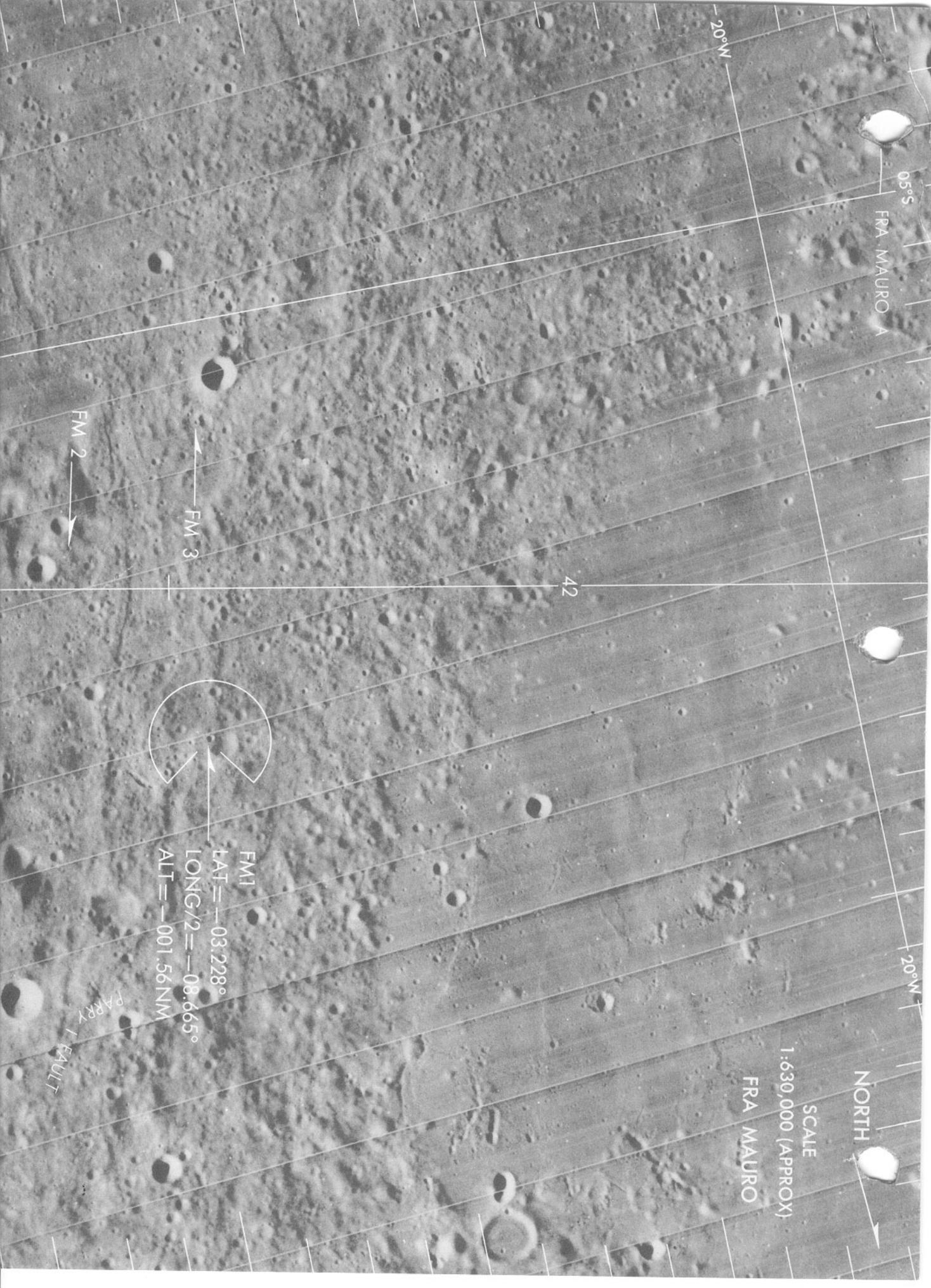
LANDING SITE LANDMARK MAPS

MISSION APOLLO 12
FRA MAURO LANDMARKS

LANDMARK NUMBER	LATITUDE (0.001°)	LONG/2 (0.001°)	LONGITUDE (0.001°)	ALTITUDE (0.01nm)	LANDMARK DIAMETER (ft)
* FM 1	-03.228°	-08.665°	-17.331°	-001.56	4170
FM 2	-04.117°	-08.454°	-16.908°	-001.81	1830
FM 3	-04.567°	-08.759°	-17.517°	-001.78	2130

*PREFERRED SIGHTING

NOVEMBER 16, 1969



(1 + 00)

(0 + 40)

(0 + 20)

FRA MAURO

15°W

15°N

PARRY FAULT

IP (1 + 23)





-10°W

C

LA LANDE A

LALANDE

LA LANDE C

42

16 NOVEMBER 1969

