

THIRD PHASE PHOTOGRAPHIC INTERPRETATION REPORTS

照片判釋報告

AFHRA Call 編號：

862.365

Dec 43 – Apr 44

IRIS 編號：00268762

微卷編號：10130

備註：

1. 本檔案 AFHRA 有拍攝微卷
2. 整本卷宗用數位相機翻拍，航照則用平台掃描器掃描
3. 目標區包括：KATO SEAPLANE BASE (佳冬水上飛機基地)；PESCADORES ISLANDS (澎湖群島)；TOYOHARA AIRDROME (台中公館機場)；LAKE JITSUGETSUTAN (日月潭)；TAICHU CITY AND AIRDROME (台中市及台中機場)；**TAIHOKU(台北)**；KAGI AND VICINITY (嘉義及鄰近地區)；KAGI BUTANOL PLANT (嘉義糖廠)；KAGI AIRDROME (嘉義機場)

製作單位：

1. 中央研究院人文社會科學研究中心地理資訊科學研究專題中心
2. 數位典藏與學習之海外推展暨國際合作計畫-子計畫四：臺灣文史資源海外徵集與國際合作計畫

IRISNUM= 00268762

CLASS= UNCLASSIFIED

BEG_DATE= 12-01-1943

END_DATE= 04-01-1944

MAIN= 0014 AIR FORCE

CALL= 862.365

REEL= 10130

IRISREF= A8335

FRAME= 12

FRAMELST= 147

INDEXID= 35

REL_DATE= 11-03-1988

ABSTRACT= TITLE ADDED. INCLUDES AERIAL PHOTOGRAPHS. TARGETS IN AREA OF FORMOSA (TAIWAN)

INCLUDE: KATO SEAPLANE BASE; PESCADORES ISLANDS; TOYOHARA AIRDROME; LAKE
JITSUGETSUTAN; TAICHU CITY AND AIRDROME; TAIHOKU; KAGI AIRDROME; KAGI BUTANOL PLANT;
KAGI AND VICINITY.

ADMIN= NONE

TITLE_AE= THIRD PHASE PHOTOGRAPHIC INTERPRETATION REPORTS

CONFIDENTIAL
EIGHTEENTH PHOTO INTELLIGENCE DETACHMENT
HEADQUARTERS, FOURTEENTH AIR FORCE
A. P. O. #627, NEW YORK, N. Y.

27 June 1944

TAIHOKU, FORMOSA
(25-02 N, 121-31 E)

Third Phase P. I. Report No. 60

SUMMARY: The city of TAIHOKU located in the northern part of FORMOSA near the confluence of the KEELUNG and TANSUI Rivers contains all the facilities common to a business center and governmental capitol.

The first class MATSUYAMA airdrome and one probable decoy field are located in the area. Other military installations include ten large barracks areas, numerous small barracks areas or schools, one large warehouse area containing approximately fifty buildings, and one probable munitions storage area containing ten revetted buildings.

Defenses of the area include thirteen A/A installations containing a total of fifty gun positions, ten probable A/A positions, several possible A/A and M/G positions, and six probable S/L positions.

Communication facilities include a large radio station at ITAHASHI, one air navigational aid and one probable direction finder or air navigational aid at MATSUYAMA airdrome.

There are two RR yards in TAIHOKU and large RR yards and repair shops in MATSUYAMA. Railroads connect TAIHOKU to the W and S portions of FORMOSA and to KEELUNG and TANSUI.

Industrial plants include a reported camphor plant, a sugar refinery, a brewery, five ceramics plants and several small unidentified industries.

One reported prisoner-of-war camp is located in the northern part of the area.

Date of photos used in this report - 2 March 1944, approximate scale - 1:14,900. Enclosures: (1) Overlay of TAIHOKU Area, (2) Annotated mosaic of NE portion, (3) Annotated mosaic of SW portion, (4) Sketch of ITAHASHI radio station.

DETAILED INTERPRETATION

IDENTIFICATION
NO. & OVERALL SIZE

DESCRIPTION

MATSUYAMA A/D

NOTE: For installation Nos. 1-47 see Mosaic "A", Nos. 48-104 see Mosaic "B", Nos. 105-112 see Overlay of TAIHOKU Area.

First class A/D 4280' x 4230', appears well drained & usable at all times; surrounded by a dike, no obstructions, expansion almost unlimited. Aircraft activity 2 March 1944: 15 large, 1 medium, 1 poss. small

| | | |
|----|---|---|
| 18 | Runways | E-W runway 3140' x 300', NW-SE runway 2690' x 200'. Prob. concrete dazzle painted |
| 19 | Hangar & repair shop area 1300' x 900' | 2 hangar-type bldgs 195' x 180' & 150' x 125', 1 prob. operations bldg 180' x 45', 2 hangars or shops 120' x 80' & 105' x 80', 6 shops or storage bldgs 130' x 35', 3 shops 120' x 45', 1 |

CONFIDENTIAL

IDENTIFICATION
NO. & OVERALL SIZE

DESCRIPTION

- shop 75' x 45', 1 hangar or shop 120' x 105', prob. concrete servicing apron 1040' long & av. 350' wide, 60' taxiway leading to runways, foundations of 2 bldgs 180' x 180' which were prob. removed are visible, approx 25 misc. bldgs, 2 bldgs 50' x 20' immediately E of hangar area. Servicing apron & taxiway dazzle painted. Prob. admin. bldg 150' x 35' in S part of area
- 21 Prob. fuel or ammo storage 1 revetted bldg 60' x 30'
- 22 Barracks area 600' x 600' 1 L-shaped bldg 250' x 45' overall, 4 barracks type bldgs 150' x 45', several smaller bldgs
- 24 Storage area 825' x 750' area surrounded by wall, 3 revetted prob. fuel storage bldgs 120' x 30', 2 storage bldgs 200' x 40', 6 smaller bldgs
- 15 North dispersal area 6 revetments 105' wide, 4 revetments 120' wide, 4 pairs of parallel mounds 50' apart prob. old fighter revetments, outlines of approx 12 prob. old revetments visible
- 16 West dispersal area 3 revetments 105' wide, 1 revetment 135' wide
- 25 South dispersal area 2 revetments 105' wide, 7 prob. old fighter revetments with open ends 50' wide
- 28 Southeast dispersal area 5 revetments 105' wide, 1 revetment 75' wide, 2 revetments 45' wide
- 27 Air navigational aid bldg 25' x 25', straight track leads from bldg to edge of field; prob. of the radio-beacon type
- 20 Prob. DF or navigational aid 3 bldgs 15' x 15' arranged 45' apart in an equilateral triangle, a 4th unidentified structure together with the 3 bldgs completes a diamond shaped pattern, 3 other small bldgs nearby

DEFENSES OF A/D

- 26 A/A 4-gun medium with command post
- 17 A/A 4 unoccupied revetments 15' in diam, prob. light or medium A/A
- 23 A/A 4-gun heavy, command post, revetted munitions storage, crew quarters
- 29 S/L & director 1 revetment 30' diam, 1 saucer-shaped revetment 45' in diam, 3 poss. M/G positions, 5 small bldgs. Installation is new, but S/L was not visible

TAIHOKU A/F - PROBABLE DECOY

Airfield 2800' x 2200', in general plan resembles other known decoy fields on FORMOSA, runway may be usable by small planes although it is short and has some rough areas. A/F has a sod surface which appears dry; dike protects SE side of A/F. Aircraft activity, 2 March 1944: 5 medium, 1 small, all prob. dummies.

| NO. | IDENTIFICATION & OVERALL SIZE | DESCRIPTION |
|-----|----------------------------------|---|
| 80 | Runway 2400' x 300' | extends NE-SW, turning circles 510' diam at each end, slight irregularities at NE end |
| 84 | Hangar-type building | double bldg 125' x 60', servicing apron 375' x 160' in front of hangar connected to both ends of runway by 75' taxiways |
| 87 | Storage 300' x 250' | 2 warehouse-type bldgs av. 135' x 45', several small bldgs, 2 slit trenches. May not be associated with the A/F |
| 81 | Storage area 800' x 250' | 7 bldgs ranging 150' x 40' to 30' x 20'. May not be associated with the A/F |
| 83 | Dispersal | 2 aircraft revetments 75' wide and 50' wide |
| 82 | Dispersal | 4 aircraft revetments 50' wide, 65' taxi-strips leading to revetments |

MILITARY CAMPS & BARRACKS

| | | |
|-----|--|---|
| 56 | Reported military HQ & barracks area 500' x 300' | 1 E-shaped bldg 330' x 40', 1 bldg 120' x 90', several smaller prob. barracks and qtrs. Reported by ground sources |
| 70 | TAIHOKU barracks 2400' x 1350' | 25 barracks and admin. bldgs av. 230' x 50', approx 90 small bldgs including 20 officers qtrs. and misc. bldgs, 1 revetted munitions storage bldg. |
| 69 | Barracks area 2400' x 1050' | 16 barracks and admin. bldgs av. 200' x 50', 1 revetted munitions storage bldg 30' x 20', approx 30 residence-type bldgs prob. for officers or civilian officials |
| 75 | Barracks area 1350' x 750' | 10 barracks and misc. bldgs the largest of which is 300' x 60'; several additional bldgs under construction |
| 60 | Barracks area 600' x 375' | 8 barracks-type bldgs av. 150' x 25' |
| 79 | Barracks area 600' x 600' | 8 barracks and misc. bldgs ranging 210' x 35' to 70' x 50', 1 drill or athletic field |
| 85 | Barracks area 300' x 220' | 3 bldgs av. 120' x 30' |
| 8 | Barracks area 1050' x 900' | 16 barracks av. 280' x 30', 10 bldgs av. 130' x 30', 1 athletic or drill field; apparently an old camp |
| 41 | Housing development & military area 4200' x 4200' | approx 375 qtrs-type bldgs av. 50' x 25', approx 40 barracks & whses av. 150' x 30', 1 prob. admin. bldg 500' x 45' overall; many small bldgs, street system laid out for further expansion |
| 38 | Prob. admin. area 400' x 300' | 4 bldgs av. 90' x 30', adjacent slit trenches |
| 110 | Prob. admin. area 900' x 450' | 1 rectangular bldg 680' x 45' overall, enclosing an open court, 2 bldgs av. 270' x 35', 4 bldgs under construction, several slit trenches |

| <u>NO.</u> | <u>IDENTIFICATION & OVERALL SIZE</u> | <u>DESCRIPTION</u> |
|------------|--|--|
| 105 | Small permanent garrisons or schools | 27 scattered small permanent garrisons or schools ranging from 12 bldgs av. 150' x 30' to 2 bldgs av. 165' x 35', drill or athletic field adjacent to most of these areas (Sch or garrison on mosaics, No. 105 on overlay) |
| 34 | Barracks & qtrs. 650' x 650' | 13 barracks-type bldgs 150' x 30', 20 qtrs. 60' x 30'. May not be military |
| 107 | Cavalry post 3600' x 1800' | 14 bldgs av. approx 240' x 40' adjacent to old race track (6" photos only) |

DEFENSES

| | | |
|-----|----------------|---|
| 86 | A/A | 4 heavy A/A revetments 30' in diam. 2 of which appear active. Photo quality prohibits statement as to whether or not these are occupied |
| 88 | S/L | S/L and director or sound detector in 30' revetments, 1 bldg 40' x 25' prob. houses generating equipment |
| 65 | A/A | 4-gun heavy, prob. occupied, 1 adjacent M/G position |
| 66 | A/A | 3-gun medium, 20' in diam, prob. occupied |
| 67 | A/A | 4-gun medium, occupied |
| 64 | Prob. A/A | 4-gun medium, occupied |
| 72 | A/A | 3-gun medium, prob. unoccupied |
| 77 | A/A | 4 medium and 2 light A/A positions and command post |
| 55 | M/G | 4 M/G or light A/A positions on roof of court-house in center of city |
| 94 | S/L | S/L position & director or locator in 2 revetments 30' & 40' in diam. |
| 12 | A/A or S/L | 2 heavy A/A or a S/L & director |
| 39 | A/A | 5-gun heavy, 4 positions appear active but no guns are visible, 5th appears abandoned |
| 42 | A/A | 4-gun heavy with command post, crew qtrs. & ammo storage |
| 45 | S/L & director | 1 revetment 30' in diam, 1 saucer-shaped revetment 45' in diam. Both revetments new but unoccupied |
| 92 | Prob. S/L | 1 revetment 25' diam. & prob. generator bldg 30' x 30' |
| 112 | A/A | 4-gun heavy with command post, 1 small ammo storage bldg |
| 7 | Prob. S/L | prob. S/L and director |

| <u>NO.</u> | <u>IDENTIFICATION & OVERALL SIZE</u> | <u>DESCRIPTION</u> |
|------------|--|--|
| 36 | Warehouse area 2700' x 2400' | 2 shipping & receiving bldgs 375' x 30', 30 whses 375' x 60', approx 15 whses av. 170' x 45', 4 admin-type bldgs the largest of which is 375' x 60', RR spur |
| 104 | Ammunition storage 2000' x 1400' | 10 revetted bldgs 35' x 30', 7 additional revetments with the foundations of bldgs visible in 6 of them, 9 prob. storage bldgs av. 60' x 50' |
| 103 | Prob. storage 300' x 150' | 5 whse-type bldgs 105' x 30' |

COMMUNICATIONS

| | | |
|-----|------------------------|--|
| 100 | ITAHASHI radio station | 4 large steel towers with horizontal cross arms near the top arranged 1050' apart in a square with diagonally opposite corners on approx NNE-SSW & WNW-ESE lines; 3 small bldgs at the center of the square; 2 admin-type bldgs av. 120' x 60' & 13 qtrs av. 60' x 30' in area 750' x 600' W of large towers; 2 towers S of these bldgs spaced 525' apart E-W with a bldg 25' x 15' midway between. What appears to be a walk leads S 500' from the E tower with masts located at the S end and at the mid-point of this walk. 4 other masts are spaced at intervals of 225' along a NW-SE line N of the E end of the bldg area. A single tower is located 1100' ENE of the NE corner of the bldg area (See attached sketch) |
|-----|------------------------|--|

TRANSPORTATION

Railroads connect TAIHOKU to the W and S portions of FORMOSA and to KEELUNG, TANSUI and SHINTEN. Good highways and streets serve the entire area. Main highways lead E to KIRUN and W to the coast. Good roads lead N to TANSOI and S to SHINTEN

| | | |
|----|--|--|
| 47 | TAIHOKU RR yard 1.2 miles x 450' | E portion of yard approx 25 tracks wide and contains 2 prob. whses 660' x 75', 5 connected whses 135' x 60'; approx 170 cars present 2 March 1944 (W end covered on 6" photos only - no interpretation possible) |
| 59 | South TAIHOKU RR yard 1800' x 150' | approx 12 tracks wide, station 100' x 40', 2 passenger platforms, 1 whse 180' x 30', approx 60 cars present 2 March 1944 |
| 37 | MATSUYAMA RR yard & shops 1800' x 1000' | 2 engine or car repair shops 510' x 105' & 470' x 200', shop 320' x 75', power house 150' x 75', 3 bldgs av. 230' x 80', 10 whse-type bldgs av. 120' x 45', approx 35 workers homes, piles of loose stores; approx 20 sidings; approx 50 cars present 2 March 1944. In an area 1500' x 1200' (No. 37A) immediately SW of the RR yards are 1 prob. admin. bldg constructed about an open court 1950' x 50' overall, 2 bldgs 225' x 210' with prob. loading platforms, 2 bldgs 225' x 60', 1 small power plant 60' x 45' with adjacent stack, piles of loose stores, several slit trenches and an L-shaped pool 1500' x 225' |

CONFIDENTIAL

| <u>NO.</u> | <u>IDENTIFICATION & OVERALL SIZE</u> | <u>DESCRIPTION</u> |
|------------|--|---|
| 108 | RR sidings 600' x 75' | 2 sidings parallel to main track, approx 25 cars present 2 March 1944 |
| 2 | Station & RR sidings 900' x 125' | station 45' x 30', 3 or 4 sidings; approx 25 cars present 2 March 1944 |
| 106 | RR station & sidings | 3 sidings 475' long; station and loading platforms 400' x 20' |
| 90 | SHINTEN River RR bridges | 2 bridges 1100' x 10' located 50' apart, 14 spans each; each carries 1 rail line. Main route to W coast of FORMOSA |
| 99 | RR bridges | 2 bridges 450' x 10' located 50' apart; each carries 1 RR line. Main route to W coast of FORMOSA |
| 98 | RR bridges | 1 4-span through truss type bridge 780' long with an 8 span 490' approach, 1 21-span bridge 1370' long, bridges 50' apart. Main route to W coast of FORMOSA |
| 6 | RR bridge | 5-span bridge 450' long, carries 1 rail line. On line to TANSUI |
| 95 | Prob. narrow gauge RR | leads to sugar refinery. Line crosses SHINTEN River on bridge 525' x 15'; another bridge apparently under construction adjacent to existing bridge. crosses TANSUI River on 1000' trestle |
| 89 | Highway bridge 1050' x 25' | across SHINTEN River on road from TAIHOKU to ITAHASHI |
| 111 | Highway bridge 1400' x 45' | on main road to W coast |
| 78 | Highway bridge 940' x 25' | across SHINTEN River S of TAIHOKO, referred to as KAWABATA bridge |
| 9 | Highway bridge 465' x 60' | across KEELUNG River on road to SHIRIN |
| 10 | Highway bridge 280' x 15' | on secondary road across KEELUNG River |
| 31 | Highway bridge 330' x 25' | on secondary road leading NE from MATSUYAMA A/D |
| 4 | Highway bridge 450' x 25' | crosses KEELUNG River at town of SHIRIN |

INDUSTRY

| | | |
|----|---|--|
| 63 | Reported camphor plant 525' x 450' | 15 industrial-type bldgs the largest of which is a composite structure 260' x 225', 2 tall smoke stacks, 8 storage tanks 20' diam, 2 storage tanks 30' diam. |
| 91 | Reported TAIWAN Sugar refinery 1300' x 700' | 1 composite bldg 280' x 60' overall, 1 T-shaped bldg 360' x 50' overall, 1 prob. power plant, 14 bldgs av. 120' x 60', 2 tank 35' in diam, 2 tall smoke stacks, RR spurs. Reported to be producing alcohol |

CONFIDENTIAL

CONFIDENTIAL

| NO. | IDENTIFICATION & OVERALL SIZE | DESCRIPTION |
|-----|----------------------------------|--|
| 43 | Reported brewery 900' x 750' | 1 composite bldg 250' x 180' with tall stack, 1 whse-type bldg 330' x 60', 17 bldgs av. 115' x 30'. Adjacent to RR & slightly apart from the remainder of the bldgs are: shipping bldg or whse 130' x 35' & 1 L-shaped bldg 280' x 45' overall |
| 40 | Industry 600' x 450' | unidentified, 9 bldgs, the largest of which is 205' x 100'. Poss. a foundry or metallurgical plant |
| 14 | Ceramics plant 750' x 600' | 4 kilns 150' x 70', with tall stacks, 15 drying sheds av. 180' x 20', 1 bldg 210' x 60', numerous small bldgs |
| 44 | Industry 900' x 700' | unidentified, 2 bldgs with sawtooth roofs: av. 310' x 200', 1 prob. power house 60' x 60', 5 bldgs av. 170' x 50', 4 barracks-type bldgs 135' x 45', several small bldgs, numerous rifle pits |
| 32 | Ceramics plant 600' x 300' | 1 kiln 165' x 60' with tall stack, several drying sheds |
| 30 | Ceramics plant 750' x 450' | 4 kilns av. 165' x 60' with adjacent stacks; 1 composite bldg 280' x 225' prob. used as a drying shed |
| 102 | Ceramics plant 350' x 180' | 1 kiln, 1 tall stack, drying sheds |
| 101 | Ceramics plant 600' x 400' | 2 kilns, tall stack, drying sheds |
| 109 | Industry 650' x 400' | unidentified, 16 bldgs ranging 190' x 90' to 70' x 30' |
| 1 | Industry 900' x 450' | unidentified, approx 20 bldgs av. 150' x 30' |
| 3 | Industry 450' x 150' | unidentified, 1 composite bldg. 300' x 120', several smaller bldgs, loose stores, open storage bins |
| 11 | Lumber mill 500' x 450' | 8 bldgs av. 150' x 40', piles of loose stores, lumber & logs. Poss. wood product plant |
| 97 | Industry | 2 small unidentified industrial plants containing a total of 5 bldgs 4 of which are sawtooth roof shop-type bldgs av. 90' x 75' |
| 33 | Industry | 7 small unidentified plants containing a total of approx 40 bldgs av. 120' x 60' |
| 47A | Industry 1200' x 650' | 25 industrial-type bldgs ranging from 210' x 165' to 75' x 30', several small bldgs, 1 smoke stack |

MISCELLANEOUS

| | | |
|----|----------------------------|---|
| 51 | Government General bldg | rectangular multi-story bldg 1200' x 50' overall enclosing 2 central courts |
| 54 | Courthouse | rectangular bldg 1000' x 50' overall enclosing 2 courtyards |

CONFIDENTIAL

CONFIDENTIAL

| NO. | IDENTIFICATION & OVERALL SIZE | DESCRIPTION |
|------------|--|---|
| 53 | Admin. bldgs | 5 admin. bldgs av. 240' x 100'. Maps indicate that electric power company office & communications office are located in these bldgs. |
| 49 | Police HQ | 16 bldgs 240' x 150', identification from maps |
| 52 | Governor General's Residence | 1 bldg 175' x 75', identification from maps |
| 68 | Hospitals | approx 40 bldgs, the largest of which are 500' x 60', designated as hospitals on maps; no hospital markings |
| 57 | Meteorological sta. & schools 1200' x 750' | approx 25 bldgs, the largest of which is 440' x 60' overall; 2 drill or athletic fields; 2 swimming pools; schools and a meteorological sta. have been reported in this area |
| 48 | Post Office | irregularly shaped bldg 500' x 60' overall; indicated as post office on maps |
| 76 | Water purification plant 750' x 600' | 2 tanks 90' in diam, 2 open pools 400' x 120' |
| 71 | Prison 900' x 820' | 6 connected bldgs 1900' x 45' overall, arranged in semi-circle, approx 20 smaller bldgs |
| 74 | University 1500' x 1000' | approx 20 bldgs the largest of which is 750' x 45' overall. Shown on maps as Imperial University |
| 62 & 73 | Schools | 2 reported schools each containing 4 or 5 large bldgs, a drill or athletic field and swimming pool |
| 58 | Barracks 600' x 450' | 8 bldgs av. 150' x 45'. Shown on maps as Special Police Barracks |
| 61 | Poss, hospital 1100' x 900' | 33 bldgs av. 130' x 45'; W part of area shown as police hospital on map. No hospital markings |
| 50 | Gas works 300' x 150' | 2 tanks 40' in diam, 5 small bldgs. Shown on maps as TAIHOKU Gas Works |
| 96 | Unidentified bldg area 1650' x 900' | 1 T-shaped bldg 1400' x 75' overall with variations in type of roof construction over the different sections of the bldg; 2 admin-type bldgs 190' x 45'; 1 power house 75' x 50', with an adjoining bldg 180' x 45'; 4 shop-type bldgs av. 180' x 60'; elaborate system of walks and drives. Prob. a public institution |
| -- | Shrines | 5 shrines or temples |
| 13 | Prob. PW camp 400' x 300' | 8 barracks-type bldgs 90' x 30', 2 barracks-type bldgs 60' x 30', 1 bldg 60' x 30' with tower on top, 1 bldg 75' x 45', several small misc. bldgs. Enclosed by wall; prisoner of war camp reported in this vicinity |

CONFIDENTIAL

CONFIDENTIAL

| <u>NO.</u> | <u>IDENTIFICATION & OVERALL SIZE</u> | <u>DESCRIPTION</u> |
|------------|--|--|
| 46 | School | approx 12 bldgs av. 210' x 40'. Shown on map as a technical school |
| 5 | Probable reservoir | prob. covered water reservoir 240' x 210'; pipe line leads toward SHIRIN |
| 35 | Power line | power line on pylons, running N-S east of TAIHOKU |
| 93 | Power line | power line on poles, running NE-SW on the left bank of the TAMSUI River W of TAIHOKU |

PREPARED BY:

T. J. PARKER
Lt.(jg), USNR
P. I. Officer

APPROVED BY:

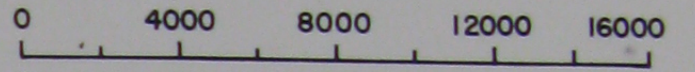
A.F.J.
H. F. TOWNSEND
Major, Air Corps
Commanding

CONFIDENTIAL

CONFIDENTIAL

18TH PHOTO INTELLIGENCE DETACHMENT
HEADQUARTERS 14TH AIR FORCE
OVERLAY OF TAIHOKU AREA, FORMOSA
25° 02' N—121° 31' E

THIRD PHASE P.I. REPORT NO. 60



SCALE IN FEET

