

10529

ORIGINAL

Diag. Cht. No. 1255 Insert.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey SHOELINE

Field No. Ph-146 Office No. T-10529

LOCALITY

State FLORIDA

General locality MYAKKA RIVER

Locality ROCK CREEK

1956-1959

CHIEF OF PARTY

Arthur L. Wardwell, Tampa Photo Office

LIBRARY & ARCHIVES

DATE

USCOMM-DC 5087

10529

DESCRIPTIVE REPORT - DATA RECORD

T - 10529

Project No. (II): Ph-146 Quadrangle Name (IV):

Field Office (II): Punta Gorda, Fla.

Chief of Party: A. L. Wardwell

Photogrammetric Office (III): Tampa, Fla.

Officer-in-Charge: A. L. Wardwell

Instructions dated (II) (III): 2 July 1954
Amendment No. 1 9 Nov. 1954
Supplement 17 Dec. 1956

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): Inapplicable

Scale Factor (III): None

Date received in Washington Office (IV): MAY 1959

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

M.H.W. Vertical Datum (III):

Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): TT 51 WKM USGS 1952

Lat.: 27°04'10.88" (334.9 m)

Long.: 82°15'12.10" (333.4 m)

Adjusted
Unadjusted

Plane Coordinates (IV):

State:

Zone:

Y= 994,545'

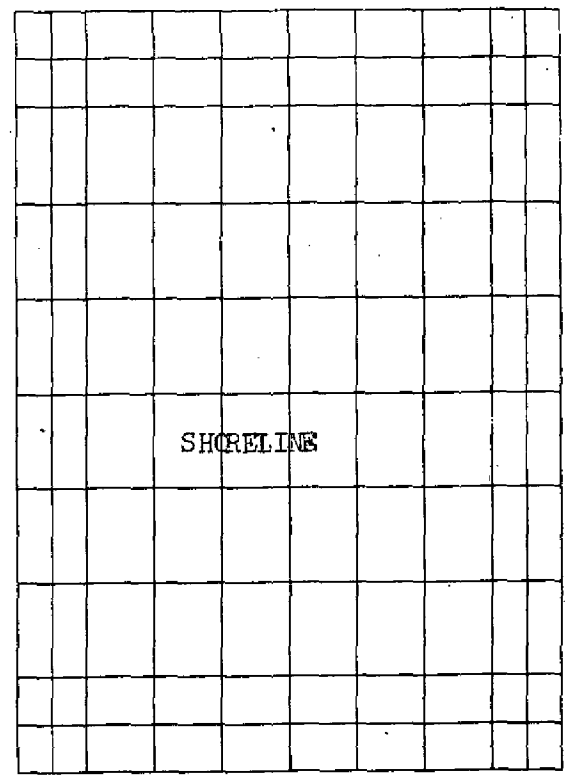
X= 417,550'

WEST

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

DESCRIPTIVE REPORT - DATA RECORD



Areas contoured by various personnel
(Show name within area)
(II) (III)

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): G. E. Varnadoe Date: Feb. 1959

Planetable contouring by (II): Inapplicable Date:

Completion Surveys by (II): Inapplicable Date:

Mean High Water Location (III) (State date and method of location): Air Photo Compilation
Date of Photography Oct. 1958

Projection and Grids ruled by (IV): J. Chaconas (W.O.) Date: 7 Jan. 1957

Projection and Grids checked by (IV): H.D. Wolfe (W.O.) Date: 9 Jan. 1957

Control plotted by (III): R. J. Pate Date: 12 Nov. 1958

Control checked by (III): R. R. Wagner Date: 12 Nov. 1958

Radial Plot ~~in Stereoscopic~~ Date: 3 Dec. 1958
~~Control extension~~ by (III): R. R. Wagner
R. J. Pate

Planimetry Date:
Stereoscopic Instrument compilation (III): Inapplicable Date:
Contours

Manuscript delineated by (III): R. R. Wagner Date: 12 Mar. 1959

Photogrammetric Office Review by (III): W. H. Shearouse Date: 16 Mar. 1959

Elevations on Manuscript Date:
checked by (II) (III): Inapplicable

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): C&GS 9 lens and single lens camera "S"

4

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
55058	5 Nov. 1956	08:59	1:10,000	**
55059	"	"	"	
55060	"	09:00	"	
58 S 1116A	21 Oct. 1958	11:42	" Ratio Print	
58 S 1117A	"	11:43	" " "	
58 S 1118A	"	11:43	" " "	

Tide (III) **

Reference Station: **

Subordinate Station:

Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 16 *

Shoreline (More than 200 meters to opposite shore) (III): 1

~~Shoreline (Less than 200 meters to opposite shore) (III):~~

Control Leveling - Miles (II): Inapplicable

Number of Triangulation Stations searched for (II): 0

Recovered: 0

Identified: 0

Number of BMs searched for (II): None

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): 1

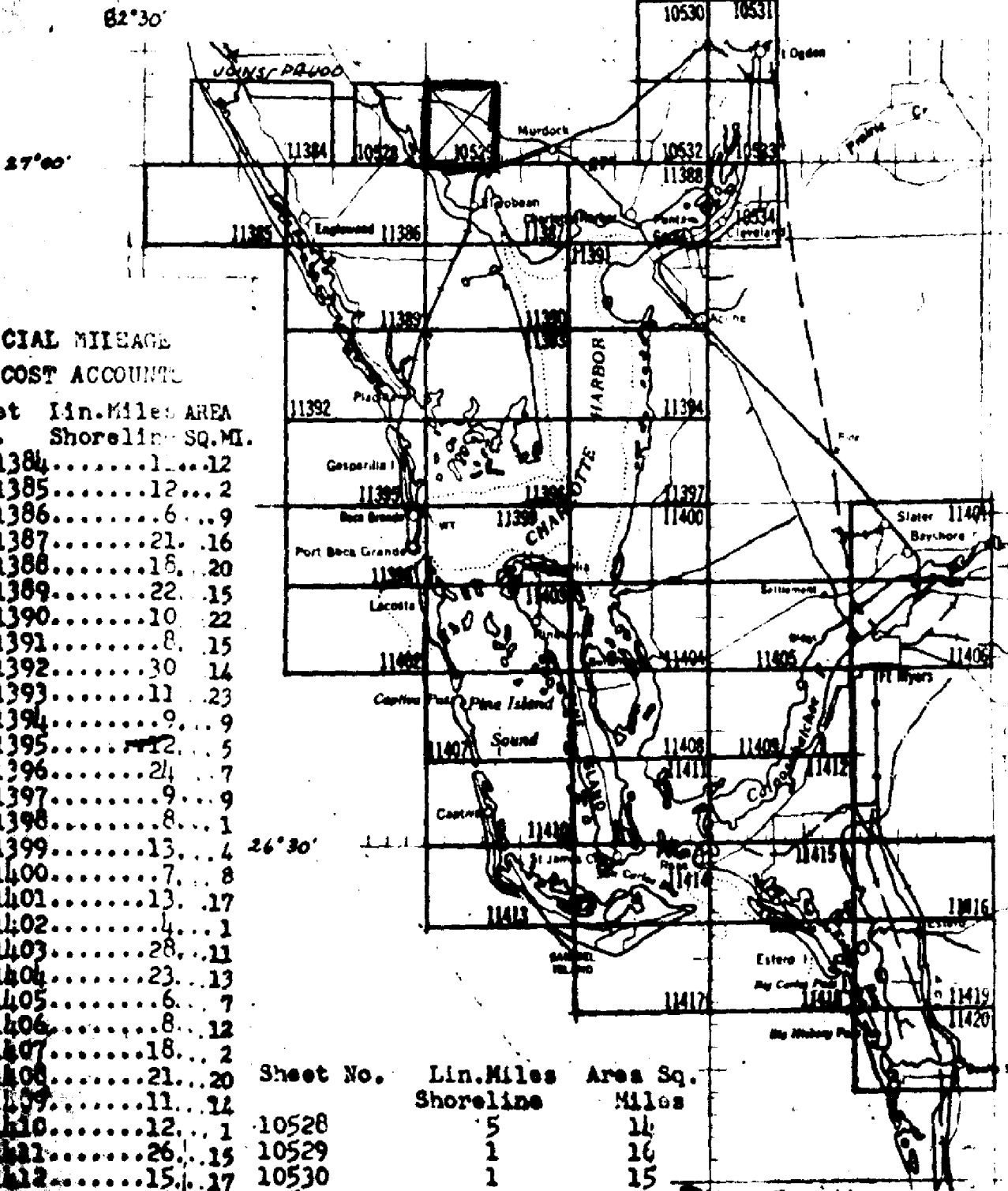
Number of Temporary Photo Hydro Stations established (III): 4

Remarks: * This figure appears to be for all the area covered by the projection. The area compiled is four (4) square miles.

** Tide data not available. Ship SCBEE to establish gage in vicinity when hydrography is done. Data may be obtained from their records.

SHORELINE MAPPING PROJECT 27310 PH-146.

Charlotte Harbor, FLORIDA



OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet Nos.	Lin. Miles	AREA SQ. MI.
T-11384	12	12
T-11385	12	2
T-11386	6	9
T-11387	21	16
T-11388	16	20
T-11389	22	15
T-11390	10	22
T-11391	8	15
T-11392	30	14
T-11393	11	23
T-11394	9	9
T-11395	12	5
T-11396	24	7
T-11397	9	9
T-11398	8	1
T-11399	13	4
T-11400	7	8
T-11401	13	17
T-11402	4	1
T-11403	28	11
T-11404	23	13
T-11405	6	7
T-11406	8	12
T-11407	18	2
T-11408	21	20
T-11409	11	14
T-11410	12	1
T-11411	26	15
T-11412	15	17
T-11413	18	5
T-11414	27	11
T-11415	23	19
T-11416	4	6
T-11417	6	3
T-11418	11	4
T-11419	18	12
T-11420	17	12
Totals	540	393

Sheet No.	Lin. Miles Shoreline	Area Sq. Miles
10528	5	11
10529	1	16
10530	1	15
10531	2	14
10532	2	11
10533	6	12
10534	5	13
Totals	22	96
Totals	540	393
Grand Totals	562	492

FIELD INSPECTION REPORT
PH-146
T-10528 - T-10529

2. AREAL FIELD INSPECTION

These sheets embrace the Myakka River, its tributaries and the land adjacent.

The land area is flat with many intermittent ponds. The vegetation is for the most part, grass lands (unimproved pasture) with scattered pines.

The lower areas along the shoreline and the islands in the river are covered with marsh and/or mangrove.

It is believed that the field inspection is complete and adequate.

It was the intention of the field inspector to identify all photo-hydro stations on the single lens photographs which were flown in October 1958. This work was started on them at the northern limits of hydrography. However as the work progressed it was found that the nine lens dated October 1956 were of much better quality and they were used in the southern part of the area, for this as well as shoreline inspection.

3. HORIZONTAL CONTROL .

No supplemental control was established.

Two, third order traverse stations established by the USGS were identified for control of the radial plot. The are: TT51 WKM USGS 1952 and 72 ERS USGS 1952 TT.

Only one C&GS station exists in the area. It was recovered and identified.

4. VERTICAL CONTROL

No tidal bench marks exist in the area.

5. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage, where not clearly discernible on the photographs, has been labeled and/or delineated.

6. WOODLAND COVER

Woodland cover has been classified in all areas accessible by truck. The compiler should have no difficulty in classifying other areas.

7. SHORELINE AND ALONGSHORE FEATURES

The mean high water line and apparent shoreline has been labeled or delineated in its entirety. At the time of the single lens photography many hyacinths were drifting in the river and clinging to the shoreline. In these areas the shoreline was delineated on the photograph or notes made cross referencing to the nine lens which were made when the shoreline was bare of hyacinths.

The area was not inspected at low water. Generally the waters near the shoreline are not navigable at low water.

There are no bluffs or submarine cables in the area. Piers and other shoreline structures have been labeled.

8. OFFSHORE FEATURES

None.

9. LANDMARKS AND AIDS

None

10. BOUNDARIES MONUMENTS AND LINES

Inapplicable.

11. OTHER CONTROL

Two topographic stations, FISH 1959 and MIKE 1959 were established.

Photo-hydro stations were established to the limits of navigation. These stations were pricked direct on the photographs, marked and descriptions written for the hydrographer.

12. OTHER INTERIOR FEATURES

Clearances of overhead power lines and bridges are:

Fixed Hwy Bridge (U.S. 41 Myakka River)
Honz. Clearance 60 feet
Vert. Clearance 13 feet above MHW

Fixed Hwy Bridge (U.S. 41 Creek 500 ft. east of above)
Honz. Clearance 29 feet
Vert. Clearance 9 feet above MHW

Fixed Hwy Bridge (U.S. 41 Salt Spring Creek)
Honz. Clearance 13 feet
Vert. Clearance 5 feet above MHW

Overhead power line approximately 900 feet downstream
from U.S. Hwy 41
Vert. Clearance 34 feet above MHW

There are no interior landmarks.

13. GEOGRAPHIC NAMES

No systematic investigation was made. Two new names, TARPON POINT and MYAKKA SHORES have been registered and their placement shown on the photographs should be applied.

"SWIMMING FENS" shown on T 5881 is no longer in usage and has not been for many years. This should be deleted. This same area (just west of Dinner I) is known as DICKS HOLE. Having been named for Dick Stephens (deceased) who was known as Uncle Dick and lived in a cabin on the shore nearby for about 40 years.

Rock Creek is correct as shown on T-5880 - Salt Spring Creek is correct as shown on T-5881. Authority Mr. Dan Evans who has operated a fish camp on Myakka River at U.S. Hwy Bridge 41 and whose address is Rural Route 1 Box 835, Venice Florida, for 30 years as well as several sport fishermen in the area.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

None.

Respectfully submitted,

William A. Rasure

for George E. Varnadoe
Supervisory Cartographer (Photo)

23 March 1959

Approved and Forwarded:

Arthur L. Wardwell
Arthur L. Wardwell
Chief of Party

COMPILATION REPORT T-10529

PHOTOGRAMMETRIC PLOT REPORT

Submitted with T-10534

31. DELINEATION

The graphic method was used.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

No statement.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate.

There are no low-water or shoal lines shown.

36. OFFSHORE DETAILS

No statement.

37. LANDMARKS AND AIDS

There are no landmarks or aids.

38. CONTROL FOR FUTURE SURVEYS

Form 524 is being submitted for one topographic station MIKE, 1959

The topographic station is listed with the descriptions of the four (4) photo-hydro stations under Item 49.

39. JUNCTIONS

Junctions were made with T-10528 on the west and T-11387 on the south and with USGS quadrangle MURDOCK, FLA. on the north and east. This manuscript lies in the southwest part of USGS quadrangle MURDOCK.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with C&GS planimetric map T-5880 scale 1:10,000, dated 1943 and with USGS quadrangle MURDOCK FLA., scale 1:24,000, dated 1956. They are substantially in agreement, although the name "ROCK CREEK" placed erroneously on the USGS quadrangle, reference field inspection report.

47. COMPARISON WITH NAUTICAL CHARTS

There are no C&GS charts covering this area.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY


None.

ITEMS TO BE CARRIED FORWARD

None.


R. R. Wagner

Approved and Forwarded:


Arthur L. Wardwell
Chief of Party

48. GEOGRAPHIC NAME LIST

BIG SLOUGH

FLORIDA

ROCK CREEK

U. S. 41

*A. J. Wright
Geog. Names Sec.*

49. NOTES FOR THE HYDROGRAPHER

The following are photo-hydro stations:

29-01 The center of top of a blazed leaning palm approximately 4 meters from HWL. A group of 5 smaller palms ~~are~~ about 100 ft. west. This palm has a 1x2 (with U.S.Govt) nailed to its trunk. Photo 1418.

29-02 The center of top of a blazed palm with 1x2 with (U.S. Govt.) and a cloth band nailed to its trunk 6 ft. from MHWL. The palm is the western tall palm of group. Two much smaller palms are about 20 ft. west. Photo 1418.

29-03 The root end of a log in water about 10 ft. offshore from HWL. This is the center one of three logs in water in area and is only one with standing roots. Cut:roots and white banner. Photo 1417.

29-04 The center of the blazed crooked palms. This is the westernmost palm in area and is the only one crooked palm in the group. Photo 1417.

MIKE 1959 is the only topographic station.

50.

PHOTOGRAMMETRIC OFFICE REVIEW

T- 10529

- 1. Projection and grids WHS 2. Title WHS 3. Manuscript numbers WHS 4. Manuscript size WHS

4a Classification label unclassified

CONTROL STATIONS

- 5. Horizontal control stations of third-order or higher accuracy XX 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) WHS 7. Photo hydro stations WHS 8. Bench marks XX
- 9. Plotting of sextant fixes XX 10. Photogrammetric plot report RRW 11. Detail points WHS

ALONGSHORE AREAS

(Nautical Chart Data)

- 12. Shoreline WHS 13. Low-water line XX 14. Rocks, shoals, etc. XX 15. Bridges XX 16. Aids to navigation XX
- 17. Landmarks XX 18. Other alongshore physical features WHS 19. Other along-shore cultural features WHS

PHYSICAL FEATURES

- 20. Water features WHS 21. Natural ground cover WHS 22. Planetable contours XX 23. Stereoscopic instrument contours XX
- 24. Contours in general XX 25. Spot elevations XX 26. Other physical features XX

CULTURAL FEATURES

- 27. Roads WHS 28. Buildings WHS 29. Railroads XX 30. Other cultural features WHS

BOUNDARIES

- 31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

- 33. Geographic names WHS 34. Junctions WHS 35. Legibility of the manuscript WHS 36. Discrepancy overlay XX
- 37. Descriptive Report WHS 38. Field inspection photographs WHS 39. Forms WHS

40. William H. Shearouse M. M. Slavney
 Reviewer Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

 Compiler Supervisor

43. Remarks:

Review Report

Shoreline Maps

T-10528 thru T-10534

January 1965

61. General Statement

Area - The project encompasses the west coast of Florida from Venice to Big Hickory Pass, including Charlotte Harbor and Fort Meyers.

Purpose - The object of this project is to provide shoreline and horizontal control data for hydrographic surveys, and to provide data for nautical chart revisions.

62. Comparison with Registered Topographic Surveys

T-5877	1:10,000	1944
T-5878	1:10,000	1944
T-5880	1:10,000	1944
T-5881	1:10,000	1944
T-8409	1:20,000	1944

There are cultural and shoreline changes due to the difference in time interval. T-10528 thru T-10534 are to supersede the above listed surveys of common areas for nautical charting.

63. Comparison with Maps of Other Agencies

Murdock	1:24,000	1956
Murdock S.E.	1:24,000	1956
Myakka	1:24,000	1944
Fort Ogden	1:24,000	1956
Cleveland	1:24,000	1956

There are small cultural and shoreline differences but in general the agreement is good.

64. Comparison with Contemporary Hydrographic Surveys

H-8469	1:10,000	1959
H-8471	1:10,000	1959
H-8472	1:10,000	1959

Shoreline and control of the subject surveys was furnished prior to the hydrographic surveys and apparently no difference exist of importance.

65. Comparison with Nautical Charts

1255

1:80,000

1956

There is no chart coverage of the above manuscripts except for a portion of T-10534. See item 47 for this comparison.

66. Accuracy of Results and Future Surveys

These surveys were constructed according to project instructions and are within the required accuracy for nautical charting.

Reviewed by:


L. C. Lande

Approved by:


Chief, Photogrammetry Division Chief, Nautical Chart Division


Chief, Photogrammetric Branch

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. _____

INSTRUCTIONS

- A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
- 1. Letter all information.
- 2. In "Remarks" column cross out words that do not apply.
- 3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
1255	5/9/66	<i>W.A. Hall</i>	<i>Partly</i> Full Part Before After Verification Review Inspection Signed Via Drawing No. <i>Partly applied</i> <i>WR</i>
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.