15001 THRU 15005

15001 THRU 15005

NOAA FORM 76-35

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

Type of Survey Storm Evacuation Mapping

Job No. PH-7115 *Map No.* T-15001 thru 005

Classification No. *Edition No.* 1

LOCALITY

State Louisiana and Alabama

General Locality New Orleans, La.

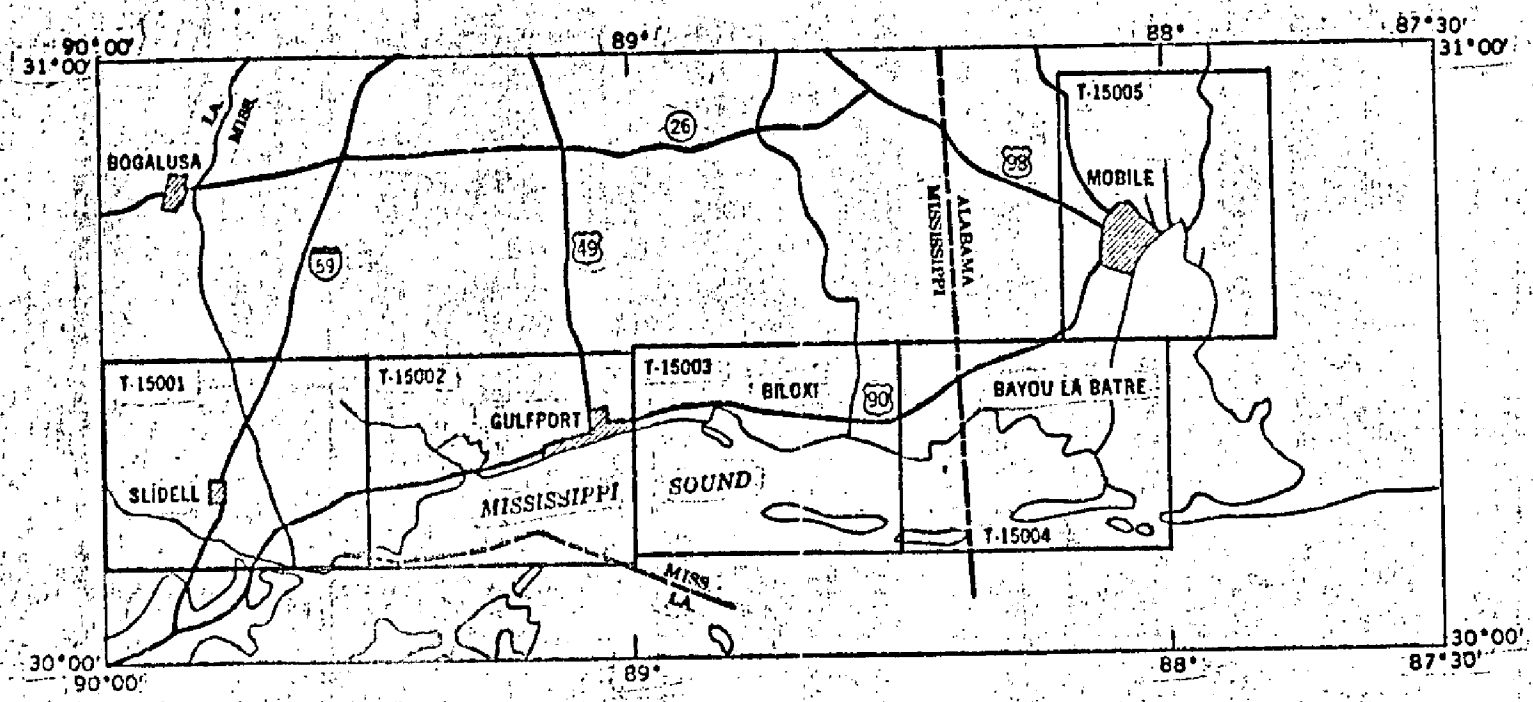
Locality to Mobile, Ala.

19 71 TO 19 71

REGISTRY IN ARCHIVES

DATE

☆ U.S. GOVERNMENT PRINTING OFFICE: 1973-761-775



PH-7115
STORM EVACUATION MAPPING
NEW ORLEANS, LA. to MOBILE, ALA.
Scale 1:62,500

STORM EVACUATION MAPPING

The Storm Evacuation Mapping Program is a series of maps prepared by NOS at a scale of 1:62,500 in cooperation with the National Weather Service.

They are assigned to provide evacuation information in the event of severe coastal storms. Shown on the maps are principal evacuation routes, critical elevations along these routes, and five-foot contours with color gradients for guidance to high ground.

Details are sufficiently clear so that the maps can be reproduced by mass-communication media, including newspapers and television.

The program will eventually cover those areas of the Gulf and East Coasts which are vulnerable to flooding as a result of tropical cyclones and hurricanes.

Guidance and data received by National Ocean Survey from the National Weather Service include priority areas to be mapped, historical hurricanes and coastal storm-water levels at selected locations.

The maps are used by authorized emergency officials to determine probable areas of inundation by relating predicted maximum water elevations to the map contours.

The body of the map includes delineation of the main evacuation routes and feeder routes, low points along the road that might be engulfed, and high areas which are likely to remain above flood waters, thus affording some degree of refuge. These critical elevations are spaced on the map at intervals of at least two miles.

Both surfaced and unsurfaced evacuation roads are identified, along with county, state, and federal route designations, and the number of lanes for each road.

Contours on the maps provide a means of estimating areas of possible flooding. These areas are shown in increments of 5 and 10 feet in distinctive color tones.

Urban populations and normal and summer populations of resort areas are also shown.

A data block on each map gives the storm-water levels at selecte locations of previous hurricanes.

Submitted:

A.K. Heywood
November 23, 1973

Storm Evacuation Mapping
PH-7115
New Orleans, La., to Mobile, Ala.
T-15001 thru T-15005

This project consists of five manuscripts compiled at a scale of 1:62,500.

T-15001 - Source material: U.S. Geological Survey Quads
- Slidel (1950) 1:62,500
- Nicholson (1955) 1:24,000
- Dead Tiger Creek (1957) 1:24,000
- Haaswood(1959) 1:24,000
- Logtown (1958) 1:24,000
- South Point (1967) 1:24,000
- North Shore (1967) 1:24,000
- Rigolets (1968) 1:24,000
- English Lookout (1968) 1:24,000

U.S. Department of Agriculture photo mosaic index: St. Tammany Parish, La., photography flown in 1967, 1:20,000 scale.

Hancock County, Miss., photography flown in 1969, 1:20,000 scale.

County Maps 1968 and 1969

T-15002 - U.S. Geological Survey Quads, scale 1:24,000
- Kiln (1959)
- Vidalia (1956)
- Gulfport (1956)
- Gulfport North (1954)
- Grand Island Pass (1956)
- Cat Island (1951)
- Waveland (1956)
- Bay St. Louis (1956)
- Pass Christian (1955)
- Gulfport South (1954)
- Isle Au Pitre (1955)

U.S. Department of Agriculture photo mosaic index:

Hancock County, Miss., photography 1969
Harrison County, Miss., photography 1970

C&GS photography 68E 2158-2182, March 1968 and March 1971, 71L 3609-3618

Nautical Charts 878-SC (1970) and 876-SC(1970)

Harrison County Map 1947 - June 1, 1967

T-15003 U.S. Geological Survey Quads:

Vestry (1954) 1:62,500
Vancleave (1941) 1:62,500
Pascagoula (1955) 1:62,500
Biloxi (1954) 1:62,500
Biloxi (1954) 1:24,000
Ocean Springs (1954) 1:24,000
Deer Island (1954) 1:24,000
Ship Island (1950) 1:24,000
Dog Keys Pass (1950) 1:24,000
Horn Island West (1960) 1:24,000
Horn Island East (1960) 1:24,000

U.S. Department of Agriculture photo mosaic

Jackson County, Miss.,photography 1970
Harrison County, Miss., photography 1970

Nautical Charts 876-SC(1970)
874-SC(1970)

T-15004 U.S. Geological Survey Quads:

Hurley (1941) 1:62,500
St. Elmo (1957) 1:24,000
Theodore (1967) 1:24,000
Hollingers Island (1967) 1:24,000
Kreole (1958) 1:24,000
Grand Bay (1958) 1:24,000
Grand Bay S.W. (1958) 1:24,000
Isle Au Heabes (1958) 1:24,000
Coden (1956) 1:24,000
Belle Fontaine (1956) 1:24,000
Heron Bay (1958) 1:24,000
Little Dauphin Island (1958) 1:24,000
Petit Bois Island (1958) 1:24,000
Petit Bois Pass (1958) 1:24,000
Fort Morgan N.W. (1958) 1:24,000
Fort Morgan (1958) 1:24,000

U.S. Department of Agriculture photo mosaic
Mobile County, Ala. photography 1966
Jackson County, Ala. photography 1970

Nautical Charts 874-SC(1970) and 872-SC(1970)

T-15005 U.S. Geological Survey Quads
Bayminette (1941) 1:62,500
Creola (1941) 1:62,500
Kushla (1967) 1:24,000
Chickasaw (1967) 1:24,000
Hurricane (1967) 1:24,000
Spring Hill (1967) 1:24,000
Mobile (1967) 1:24,000
Bridgehead (1967) 1:24,000
Theodore (1967) 1:24,000
Hollingers Island (1967) 1:24,000
Daphne (1967) 1:24,000

U.S. Department of Agriculture photomosaic:

Mobile, Ala., photography 1966
Baldwin, Ala., photography 1966

The field work was started on February 22, 1971, and final completion was June 11, 1971.

These maps were published in August 1971.

Submitted by,

J. B. Phillips

Approved and forwarded:

Federal Records Center

Quads with field inspection notations:

1:24,000	1:62,500
Kushla, Ala.	Slidell, La.
Theodore, Ala.	Sun, La.-Miss.
Bridgehead, Ala.	Picayune, Miss.-La.
Hurricane, Ala.	Biloxi, Miss.
Hollingers Island, Ala.	Vancleave, Miss.
Daphne, Ala.	Pascagoula, Miss.
Gulfport North, Miss.	Hurley, Ala.-Miss.
Mobile, Ala.	Grand Bay, Ala.-Miss.
Chickasaw, Ala.	Vestry, Miss.
Bellefontaine, Ala.	Pascagoula, Miss.
Little Dauphin Island, Ala.	
Fort Morgan N.W., Ala.	
Deer Island, Miss.	
Heron Bay, Ala.	
Grand Bay, Ala.	
Kreole, Miss.-Ala.	
Coden, Ala.	
Ocean Springs, Miss.	
Gulfport North, Miss.	
Biloxi, Miss.	
Gulfport South, Miss.	
Vadalia, Miss.	
Waveland, Miss.	
Kiln, Miss.	
Gulfport, N.W., Miss.	
Grand Island Pass, Miss.-La	
Pass Christian, Miss.	
Bay St. Louis, Miss.	
Little Woods, La.	
Chef Menteur, La.	
Nicholson, Miss.-La.	
English Lookout, La.-Miss.	
Rigolets, La.	
Logtown, Miss.	
North Shore, La.	

Additional field inspection is also on the following:

General Highway Map BALDWIN COUNTY, ALABAMA (1968)
Corps of Engineers NEW ORLEANS AREA, LA. (1965)
Dept of Highways ST. TAMMANY PARISH, LA. North Section
" " " " " " South Section
General Map HANCOCK COUNTY, MISS. (1968)
Supervisors Districts HARRISON COUNTY, MISS (1947)
Gulf Coast Aerial Mapping, Inc. JACKSON COUNTY, MISS.
General Highway Map MOBILE COUNTY, ALA. (1966) (2 copies)
MOBILE CITY MAP

Wye Leveling books:
1st Increment 1 Vol.
2nd Increment 1 Vol. (2 parts)
3rd Increment 1 Vol.

Ozalid copy of Manuscript with Field Insp. 2nd Edit:

T-15001
T-15002
T-15003
T-15004 (2 prints)
T-15005 (3 prints)

Bureau Archives

Copy of published maps
Descriptive Report (one report for T-15001 thru T-15005)

Reproduction Division

Negatives of the published maps are filed by "T" number in the Reproduction Division.

STORM EVACUATION MAPPING

JOB PH-7115

FIRST INCREMENT BASE MAP MOBILE

MARCH 1971

PHOTO PARTY 63

Respectfully Submitted,

Dale M. Fuller

Dale M. Fuller
Acting Chief, Photo Party 63
National Ocean Survey
National Oceanic & Atmospheric Administrat

STORM EVACUATION MAPPING

JOB PH-7115

FIRST INCREMENT OF BASE MAP MOBILE

MARCH, 1971

PHOTO PARTY 63

1. ASSIGNMENT AND AREA COVERED:

Photo Party 63 was assigned Storm Evacuation Mapping Job PH-7115. Work was commenced on 22 February, 1971 and completed 26 March, 1971. This work was for the first increment of Base Map Mobile. Work commenced at longitude 90 degrees W and continued E to longitude 89 degrees 30' W. Field work was done in accordance with Project Instructions dated 5 March, 1971 and ammended 11 March, 1971.

2. LEVELING:

(a) Leveling was done in accordance with Project Instructions. All critical elevations are of the lowest points on the evacuation routes.

(b) No high spots were determined as points of refuge. The area encompassed by this increment is generally low or marshy. Any point of refuge will be north of the thirty foot contour.

3. EVACUATION ROUTES:

All evaquation routes were annotated with; road names, classification, and elevations.
Generally the state and county roads are of the same elevation as the ground. The Interstate Highways are elevated.

4. RAILROADS:

No railroads are to be shown as evacuation routes.

5. ADEQUACY OF USGS QUADS:

Most of the quads are outdated and inadequate as to the present road system. County, Parish, and Oil Company Maps were submitted. Critical elevations are also shown on these maps and should be considered final as to location.

LIST OF MAPS AND CRITICAL ELEVATION POINTS

HANCOCK COUNTY: MO-042,043,044,045,047,059,060,061,062,063,063A,064,065,066,067

LOGTOWN, MISS: MO-043,044,045,063,063A

AMS, NEW ORLEANS AREA MO-046.049.050.051,052,053,054,056

RIGOLETS, LA. MO020,029,030,032,039,040,041,057,058

LITTLE TOOLS, LA. MO-007,008,009,010,011,012,013,014,024,025,026,034

CHEF MENTEUR, LA. MO-15,017,018,019,027

SLIDELL, LA. MO-001,002,003,004,005,006

NICHOLSON, MISS-LA. MO-046,047

ST TAMMANY PARISH MO-001,003,004,005,006,020,021,030,031,033,035,035A,036,037,
038,040,041,048,049,050,051,052,053,054,057,058

ENGLISH LOOKOUT, MISS. MO-042

NORTH SHORE, LA. MO-016,020,021,022,023,031,033,035,035A,036,037,038

HLASWOOD, LA. MISS. MO-050,055

STORM EVACUATION MAPPING

JOB PH-7115

SECOND INCREMENT BASE MAP MOBILE

APRIL 1971

PHOTO PARTY 63

Respectfully Submitted,

Dale M. Fuller

Dale M. Fuller
Chief, Photo Party 63
National Ocean Survey
National Oceanic & Atmospheric Admin.

#2
+ T-15[illegible]
#3 T-15[illegible]

STORM EVACUATION MAPPING

JOB PH-7115

SECOND INCREMENT BASE MAP MOBILE

APRIL 1971

PHOTO PARTY 63

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1. ASSIGNMENT AND AREA COVERED:

Photo Party 63 was assigned Storm Evacuation Mapping Job PH-7115. Work commenced on the Second Increment of Base Map Mobile on 29 March, 1971 and was completed 27 April, 1971. Work started at 89 degrees 30' W and continued Eastward to 88 degrees 30' W. Field work was done in accordance with Project Instructions dated 5 March, 1971 and amended 4/19/71.

2. LEVELING:

Leveling was done in accordance with Project Instructions. All critical elevations are of the lowest points on evacuation routes. These routes were selected with the guidance of local Civil Defense Directors Messrs. Wade Guice &Kidd.

3. EVACUATION ROUTES:

All evacuation routes were annotated with: road names, classification, and critical elevations. These routes were selected with the knowledge of the persons mentioned in Item 2 above.

4. RAILROADS:

No railroads are to be shown as evacuation routes. Messrs. Guice & Kidd of C.D. & Mr. Tillson of the NWS of Mobile do not reccomend railroads as evacuation routes.

5. ADEQUACY OF USGS QUADS:

County Maps are submitted to update the USGS Quads covering this area. Any critical elevations shown on these county maps should be considered final as to location.

6. POINTS OF REFUGE:

Local Civil Defense Directors didnot recommend any high points as places of refuge. MR. Tillson of NWS suggested that I confer with the C.D. people as to theirs views on points of refuge. Civil Defense Directors feel that any dissemination of refuge points would be detrimental to the welfare of citizens. Points of refuge generally selected by CD are buildings. Enclosed with field records is a Harrison County Map prepared by CD showing their shelters.

STORM EVACUATION MAPPING

JOB PH- 7115

JUNE, 1971

THIRD ENCLOSURE BASE MAP MOBILE

PHOTO PARTY 63

Respectfully Submitted,

Dale M. Fuller

Dale M. Fuller
Chief, Photo Party 63
N.O.A.A. - N.O.S.

STORM EVACUATION MAPPING

JOB PH- 7115

THIRD INCREMENT BASE MAP MOBILE

JUNE, 1971

PHOTO PARTY 63

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1. ASSIGNMENT AND AREA COVERED:

Photo Party 63 was assigned Storm Evacuation Mapping Job PH-7115. Work commenced on 27 April, 1971 and was completed on 4 June, 1971. Field work was done in accordance with Project Instructions dated 5 March, 1971 and amended 19 April, 1971.

2. LEVELING:
Leveling was done in accordance with Project Instructions.

3. EVACUATION ROUTES:
All evacuation routes were annotated with: road names, classification, and critical elevation points. Mr. Tilson of the MWS, Mr. Gamble of the Red Cross, Mr. Howard Black of the Mobile County Civil Defense were informed of the project requirements and provided assistance in selecting routes.

RAILROADS:
With one exception the railroads parallel highways and elevations on RR were not determined as per verbal instructions. The lone exception being the RR that crosses Mobile Bay's upper reaches.

5. ADEQUACY OF USGS QUADS:
U.S.G.S. Quadrangles are supplemented by current county, and city maps. Also sketches were made where possible to show road changes.

6. DISASTER SHELTERS:
Disaster shelters are the responsibility of the red Cross and are delineated on the city map of Mobile, Theodore Quad, Chickasaw quadrangles.

6. RAILROADS:
A five foot contour was sketched in black ink at points near the evacuation routes.

LIST OF CRITICAL ELEVATION POINTS BY QUADRANGLE

MOBILE COUNTY MAP...MO-271, 272

THEODORE, ALA. MO-271, 272, 295, 296

KREOLE ...MO-229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244

FORT MORGAN NW ...MO-253,

MERON BAY ...MO-254, 257, 258, 260, 262, 263, 264, 265, 293

BELLEFONTAINE ...MO-269, 270, 275, 276, 277, 278, 292

LITTLE DAUPHIN ISLAND .. MO-255, 256, 259, 261

CODEN ...MO-245, 246, 247, 248, 249, 250, 251, 252, 266, 267, 268, 286, 287, 288, 289, 290, 291

HOLLINGERS ISLAND ..MO- 273, 274, 279, 280, 281, 282, 283, 284, 285, 294

MOBILE ..MO-297, thru MO-314

CREOLA .. MO-315

CHICKASAW .. MO-316 thru MO-323 also 336

BRIDGEHEAD .. MO-324, 325, 326, 327, 328, 334, 335

DAPHNE .. MO-329, 330, 331

KUSHLA .. MO-332

BALDWIN COUNTY MAP.. MO-333

HURRICANE QUAD . MO-337 thru 339

LIST OF CRITICAL ELEVATIONS BY WYE VOL. PAGE NUMBER

P.1 MO* 229 thru234
P.2 MO* 235 thru 237
P.3 MO- 238 thru 241
P. 4 MO- 242 thru 245
P.5 MO- 246 thru 247
P. 6 MO- 248 thru 250
P.7 MO- 251 & 252
P.8 MO- 253 thru 257
P.9 MO- 258
P.10 MO* 259 thru 261
P.11 MO- 262 thru 264
P.12 MO- 265 thru 267
P.13 MO-268 & 269
P.14 MO-270 & 271
P.15 MO- 272 & 273
P.16 MO-274 & 275
P.17 MO-276 & 277
P.18 MO-278 thru 280
P.19 MO-281 thru 283
P.20 MO-284 &285
P.21 MO-286 & 287
P.22 MO-288 thru 290
P.23 MO-291 thru 293
P.24 MO-294 thru 296
P.25 MO- 297 thru 299
P.26 MO-300 thru 302
P.27 MO-303 thru 305
P.28 MO-306 thru 308
P.29 MO-309 & 310
P.30 MO- 311 thru 313
P.31 MO-314 thru 316
P.32 MO-317 thru 319
P. 33 MO-320 thru 323
P.34 MO-324 thru 326
P. 35 MO- 327 thru 329
P.36 MO-330 & 331
P.37 MO-332 & 333
P.38 MO-334
P.39 MO-335,336 thru339

LIST OF DISASTER SHELTERS:

NUMBER	NAME	MAP
1.	Mattie T. Blount High School	Mobile City Map
2.	M.J. Clark Junior High School	Mobile City Map
3.	Mae Bates Junior High School	Mobile City Map
4.	Glendale School	Mobile City Map
5.	Mobile County High School	Mobile County Map
6.	St. Elmo High School	Theodore Quad
7.	Satsuma School	Chickasaw Quad
8.	Theodore High School	Theodore Quad
9.	Booker T. Washington School	Mobile City Map
10.	Williamson High School	Mobile City Map
11.	Azalea Road Junior High	Mobile City Map
12.	Mary Weeks Burrows School	Theodore Quad
13.	Eight Mile School	Mobile City Map

9 June, 1971

FIELD EDIT REPORT

MAP T-15001

All answers to questions and supplementary information are shown in red ink on the ozalid copy of Map T-15001.

Level notes are recorded in vol. 1 of the 1st Increment of Base Map Mobile.

Additional critical elevations were numbered Mo-067A thru Mo-067G and plotted on the ozalid and the Slidell, La Quad.

Two C.D. Shelters were plotted on theozalid and are indexed on a city map of Slidell, La. which was submitted with the Field records.

Respectfully Submitted,

Dale M. Fuller

Dale M. Fuller
Chief, Photo Party 63

11 June, 1971

FIELD EDIT REPORT

MAP-T-15002

All answers to questions and supplementary information are shown in red ink on the ozalid copy of Map T-15002.

Level notes are recorded in vol. 1 of the Second Increment of Base Map Mobile on pages 64 & 65. They were numbered MO- 234A thru MO-234D.

Respectfully Submitted,

Dale M. Fuller

Dale M. Fuller
Chief, Photo Party 63

June, 1971

Field Edit Report

~~T-11503~~ T-15003

Job PH-7115

Photo Party 63

1. All questions on the field edit ozalid were answered in red ink on the field edit ozalid.

2. Contours were color coded and shown on the field edit ozalid. Contours were determined by field elevations at identifiable points on the USGS Quads and sketched on the field edit ozalid. No field records were kep

3. Additional critical elevations were numbered 228A thru 228K and delineated on both the field edit ozalid and applicable USGS Quads.

Respectfully Submitted,

Dale M. Fuller

Dale M. Fuller
Chief, Photo Party 63
N.O.A.A. - N.O.S.

27 May, 1971

STORM EVACUATION MAPPING

MAP T-15004

The USGS Quads covering the area of Map T-15004 were submitted annotated with critical elevations. The Wye Level volume was retained by this Party till the completion of the third increment of Base Map Mobile. At that time a complete report can be submitted. A late Mobile County Map was submitted showing the location of I-10 & I-65, which are not shown on the USGS Quads.

Dale M. Fuller

Dale M. Fuller
Chief, Photo Party 63
N.O.S.
N.O.A.A.

June, 1971

Field Edit Report

Q-11504 & Q-11505

Job PH-7115

Photo Party 63

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1. Additional critical elevations were recorded in volume 1 of the Third increment of Base Map Mobile. They were numbered 339 A thru 339K .

2. All questions concerning field edit were answered in red ink and boxed in violet ink.

Respectfully Submitted,

Dale M. Fuller

Dale M. Fuller
Chief, photo Party 63