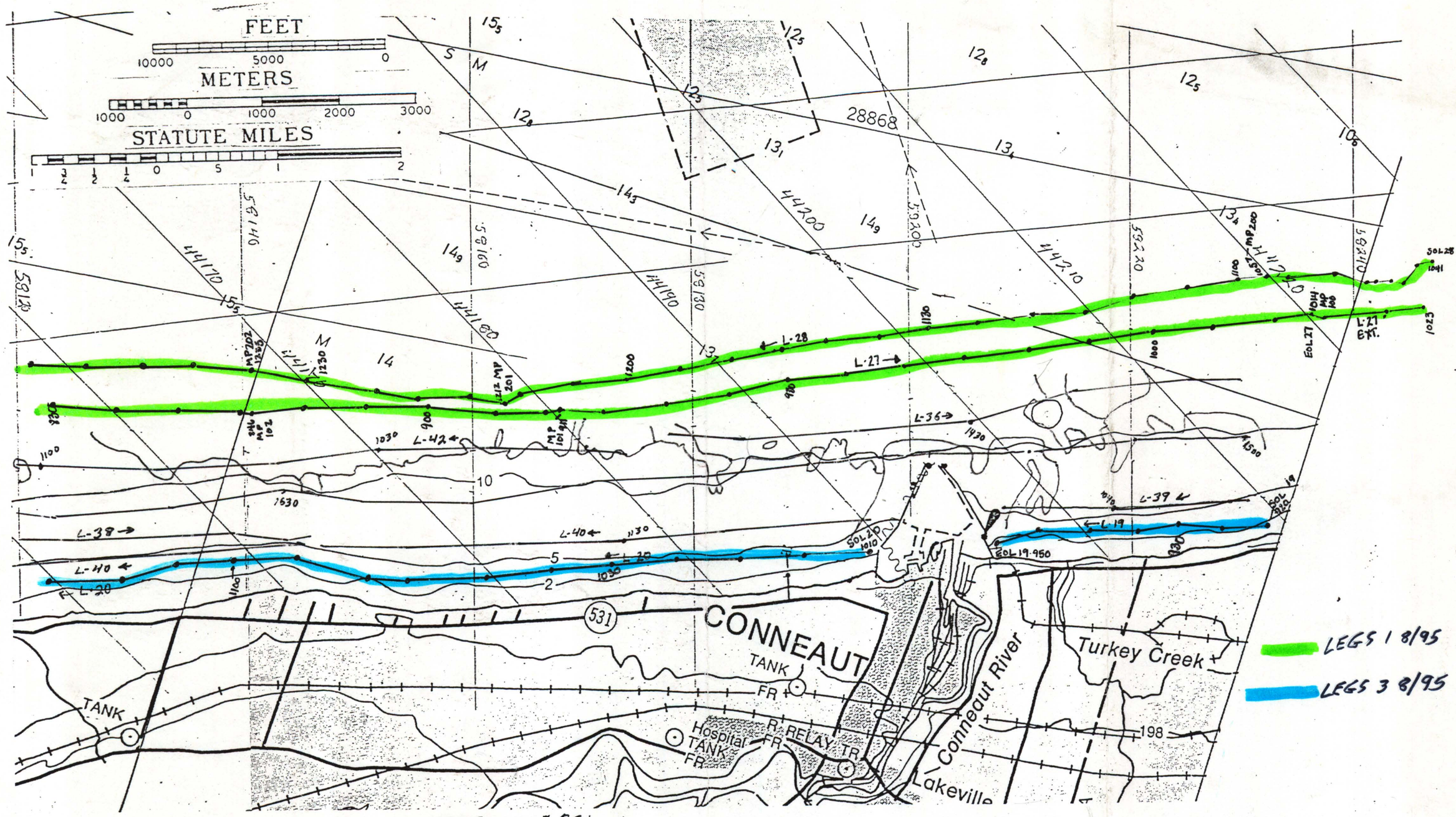
95044-1 1 of 17




14828 Sept 88

ALL Lines Adjusted East of Lorain 8 1000' 3 ft 5/4/95

95044-2 2 of 17

FEET
10000 5000 0
METERS
1000 0 1000 2000 3000
STATUTE MILES
1 ½ ½ ¼ 0 5 1 2

DUMPING GROUND
Least Depth 10.6 m rep

ASHTABULA

Kingsville-on-the-Lake

Red Brook

Ashtabula

STACK FR

STACK 2 Vert Lts FR

TANKS FR

use chart

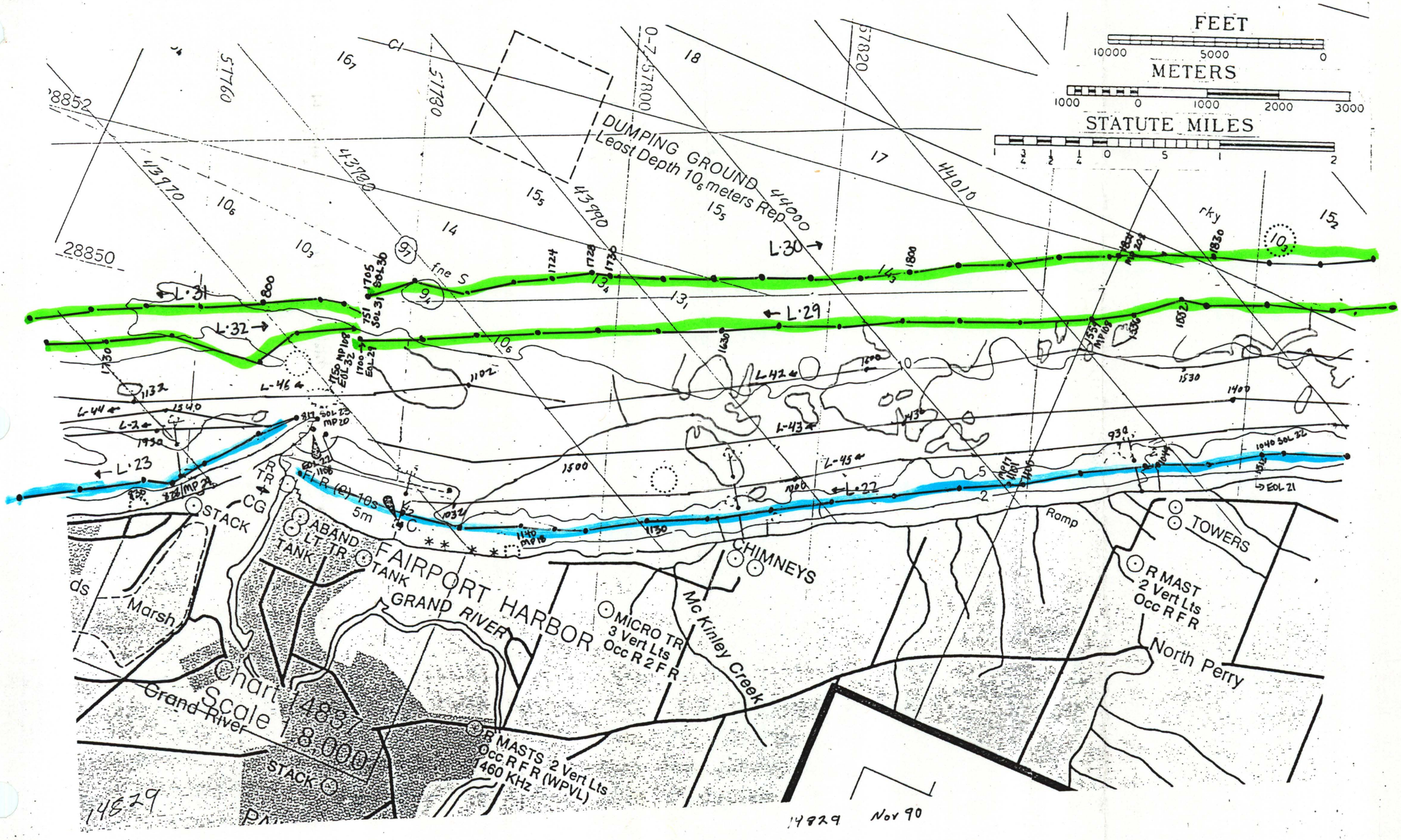
200% chart 14828 Feb 1988

14828 Sept 88

FEET
10000 5000 0
METERS
1000 0 1000 2000 3000
STATUTE MILES
1 ½ ½ 0 5 1 2

9960-W-16530
16532
9960-Y-44050
44090
44080
44070
44060
44040
44030
57920
57940
57960
18
17
L-30
L-29
L-28
L-42
L-43
L-41
L-21
L-45
1855 EOL 30
1704 EOL 28
MP 207
1528 MP 107
1456 MP 106
1623 MP 206
1519 MP 206
1403 MP 105
1681 MP 15
1681 MP 14
1681 MP 13
1480
1430
1330
1230
1206
1328
1300
900
1500
1600
1630
1560
1530
1700
1500
1456
1480
1430
1330
1300
1230
1206
1500
1681
1681
1681
2.5s 9m 3 NM 81%
PA
Redbird
Madison-on-the-Lake
Arcola Creek
Drittwood
Wheeler Creek
Cowles Creek
Cowles Creek
Geneva-on-the-Lake
Indian Creek

14829 Nov 90 / 148?9 Sept 88


FEET
10000 5000 0
METERS
1000 0 1000 2000 3000
STATUTE MILES
DUMPING GROUND
Least Depth 10₆ meters Rep
L·30
L·31
L·32
L·29
L·23
L·22
L·42
L·43
L·44
L·45
L·46
STACK
ABAND LT TR
TANK
FAIRPORT HARBOR
GRAND RIVER
CHIMNEYS
MICRO TR
3 Vert Lts
Occ R 2 F R
Mc Kinley Creek
R MASTS 2 Vert Lts
Occ R F R (WPVL)
1460 KHz
R MAST
2 Vert Lts
Occ R F R
TOWERS
North Perry
Ramp
Marsh
Grand River
Chart 14837
Scale 1:8,000
14829
Nov 90

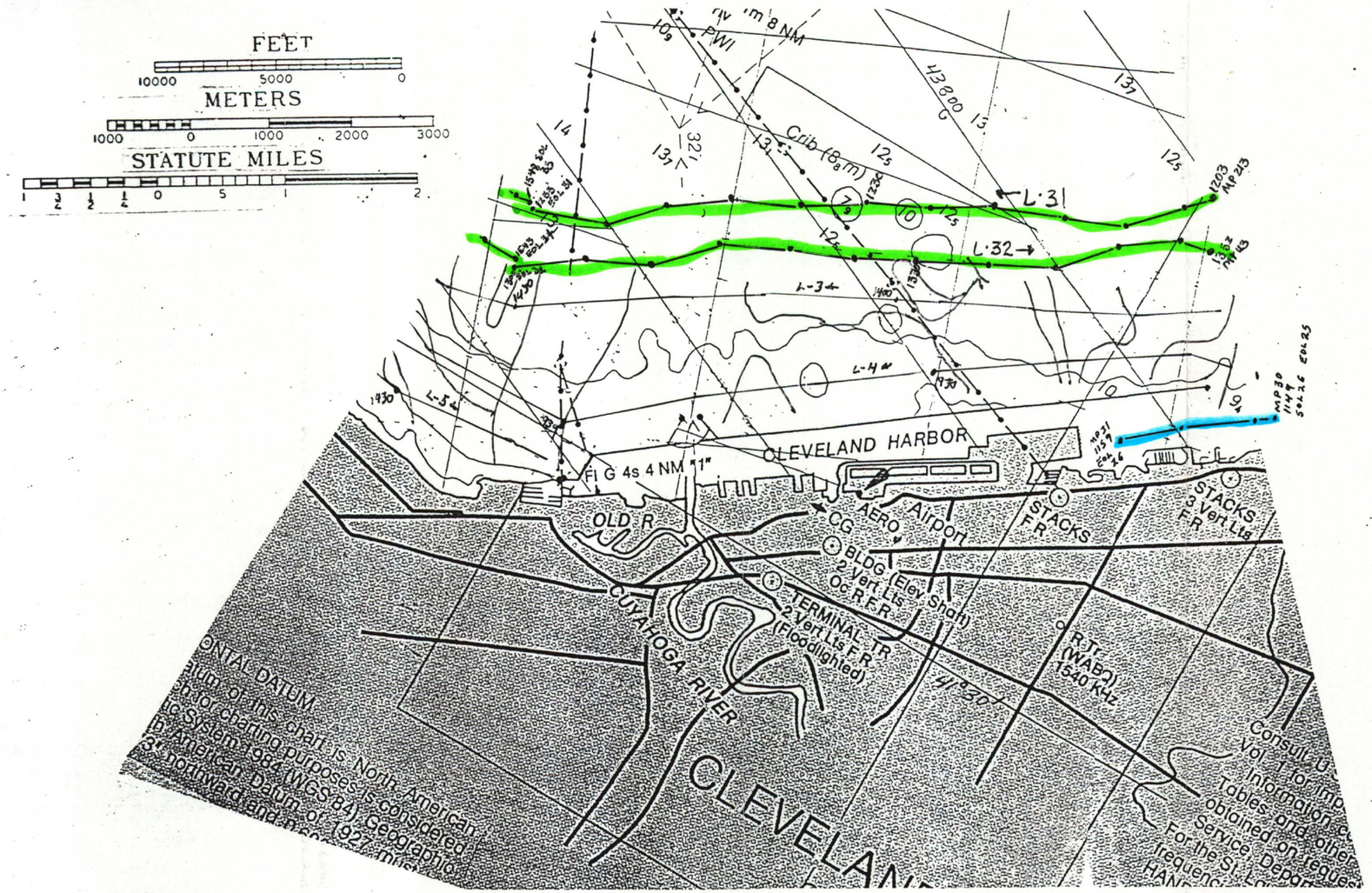
FEET
10000 5000 0
METERS
1000 0 1000 2000 3000
STATUTE MILES
1 ½ ½ ¼ 0 5 1 2

L-31
L-32
L-46
L-23
L-24
L-17
Mentor-on-the-Lake
Eastlake
STACKS
2 Vert Lts
F R
CHAGRIN RIVER
Fl G 6s 8m PA
Priv
AERO
Mentor Harbor
Marsh
Mentor Headlan
Marsh Creek
WILLO

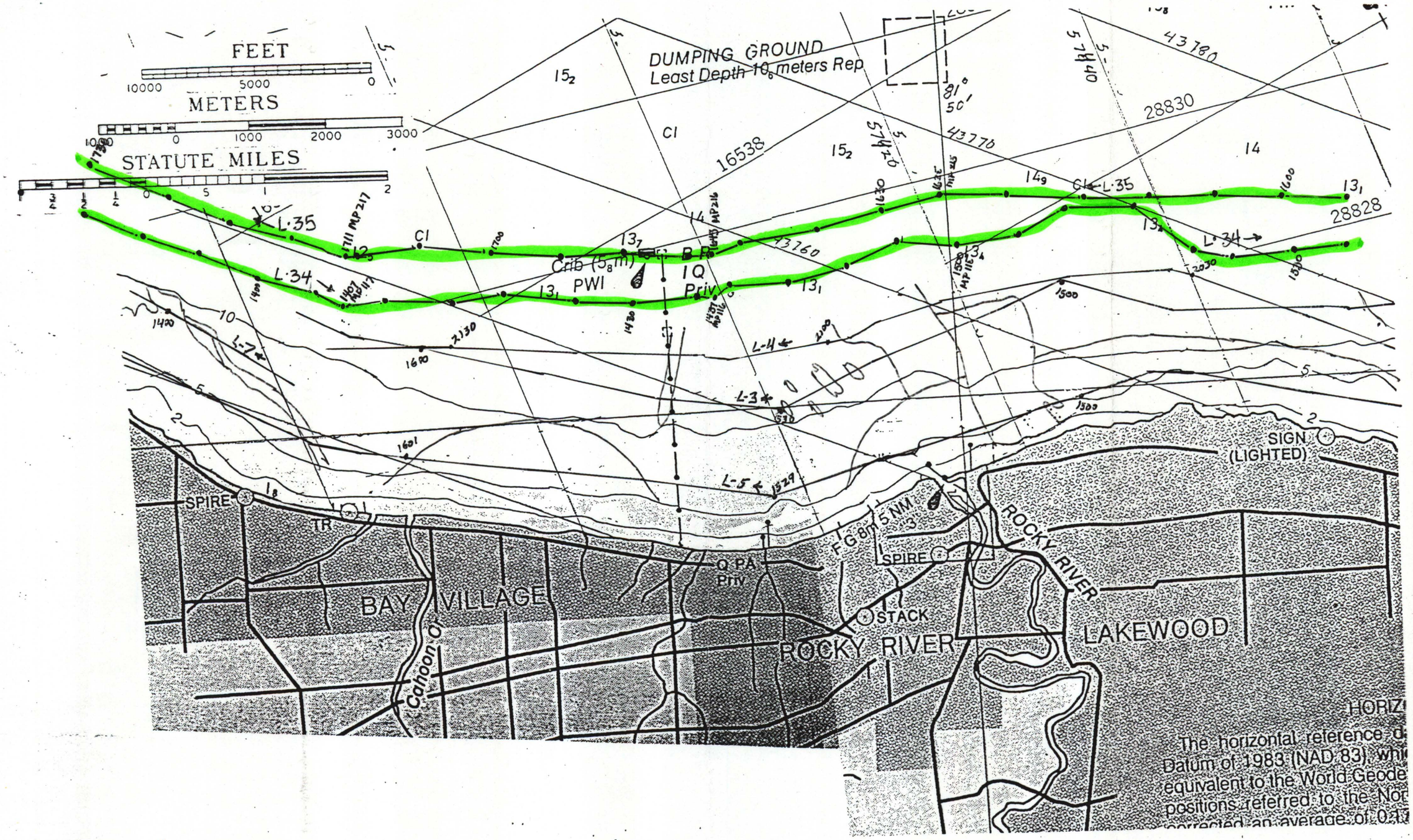
14429 NOV 90

FEET
10000
5000
0
METERS
1000
0
1000
2000
3000
STATUTE MILES
-W-16540
16538
(12m)
L-31
L-32
L-46
L-47
L-1
L-23
L-24
MP212
MP113
MP213
MP111
MP29
MP24
SOL 26
EOL 25
EOL 24
SOL 25
EOL 23
Wk PA
Fl 4s "A" PA
Fl R 4s 5m Priv
Fl G 4s 5m Priv
STACKS
STACK
TANK
TANK
TANK
OcR
NOTTINGHAM
Euclid Creek
EUCLID
EUCLID GENERAL HOSPITAL
MOSS Pt
SPIRE
Willowick
NOAA VHF-FM
The National
below prov
broadcas
but for
from
Chart 148
Scale 1

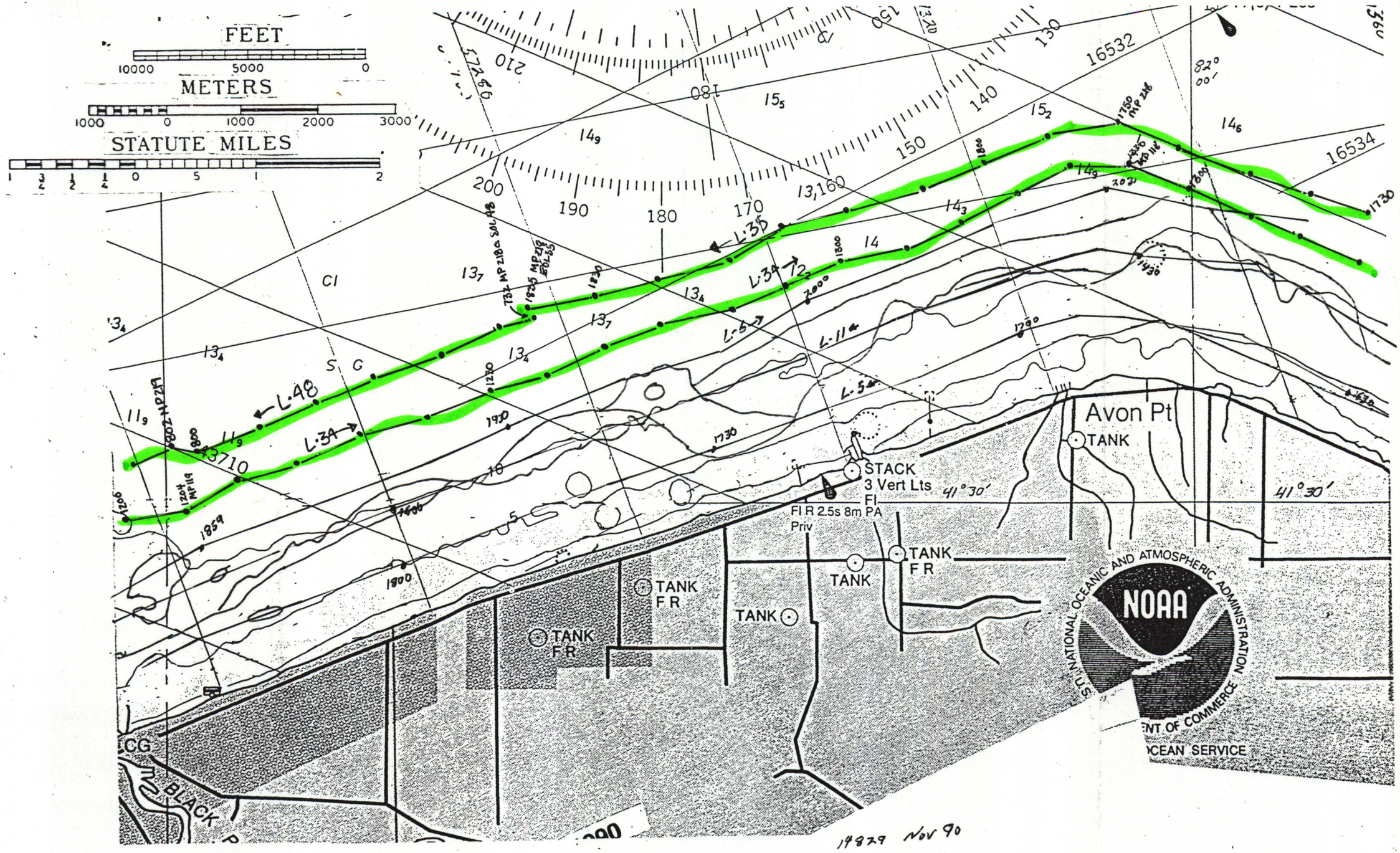
14829 Nov 90


FEET
10000 5000 0
METERS
1000 0 1000 2000 3000
STATUTE MILES
1 3/4 1/2 1/4 0 5 1 2
Crib (8.8 m)
L·31
L·32
L-3
L-4
L-5
CLEVELAND HARBOR
Fl G 4s 4 NM "1"
OLD R
CG
AERO
Airport
STACKS F.R.
STACKS 3 Vert Lts F.R.
BLDG (Elev Shaft) 2 Vert Lts Oc R F.R.
TERMINAL TR 2 Vert Lts F.R. (Floodlighted)
CUYAHOGA RIVER
R Tr (WABQ) 1540 KHz
41°30'
CLEVELAND
ONTAL DATUM
atum of this chart is North American
h for charting purposes is considered
ic System 1984 (WGS 84) Geographic
h American Datum of 1927 must
3" northward and 0.60
Consult U
Vol 1 for imp
Information c
Tables and other
obtained on reques
Service, Depart
For the St. Lo
frequenc
HAND

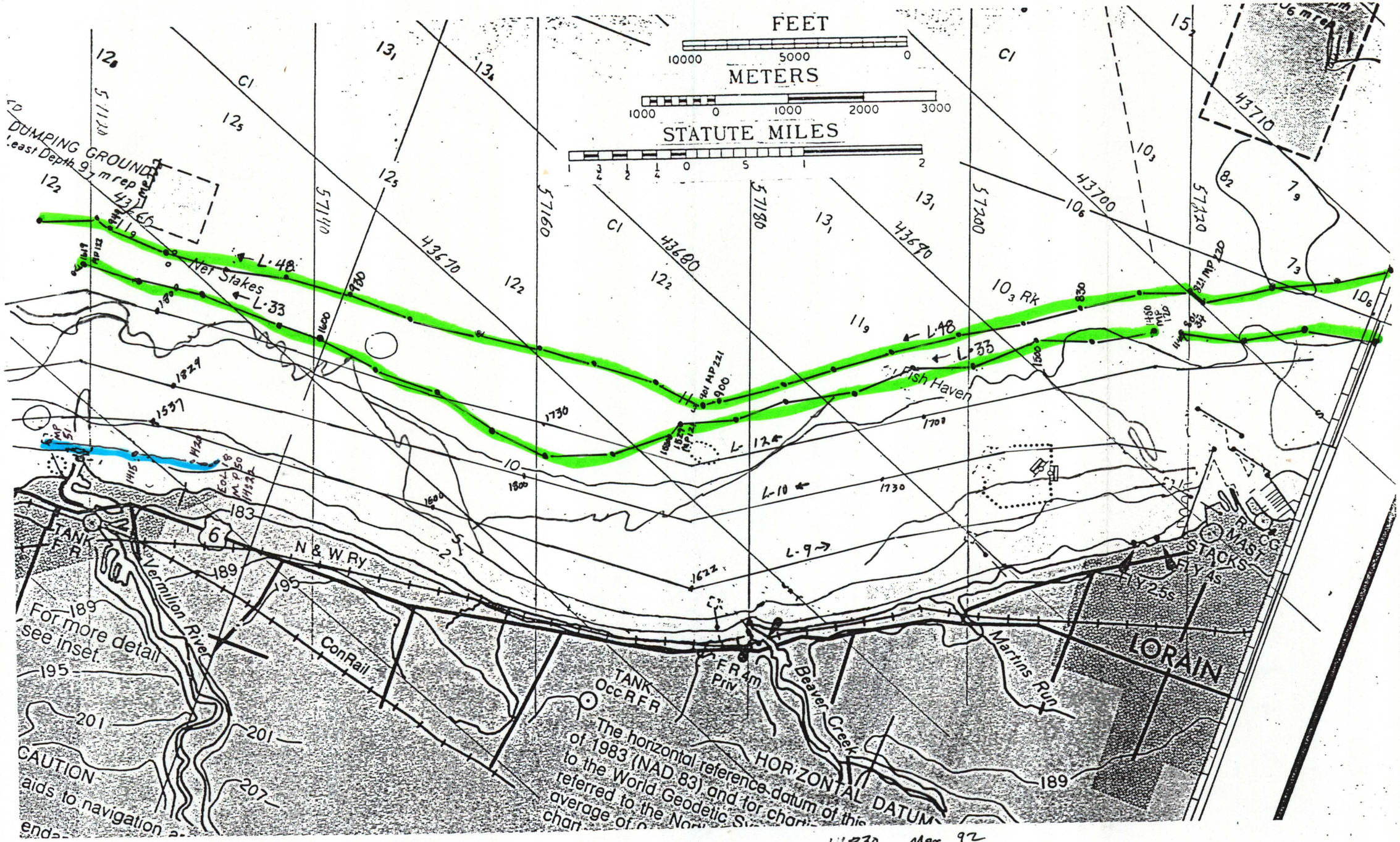
14829 Nov 90


FEET
10000
5000
0
METERS
1000
0
1000
2000
3000
STATUTE MILES
DUMPING GROUND
Least Depth 10 meters Rep
16538
28830
28828
43780
43770
43760
L-35
L-34
L-7
L-4
L-3
L-5
Crib (5 m)
PWI
IQ
Priv
SIGN
(LIGHTED)
SPIRE
TR
Q PA
Priv
F G 8m 5 NM
SPIRE
STACK
ROCKY RIVER
BAY VILLAGE
Cahoon Cr
ROCKY RIVER
LAKEWOOD
HORIZ
The horizontal reference d
Datum of 1983 (NAD 83), whi
equivalent to the World Geode
positions referred to the Nor
corrected an average of 0.1

14829 Nov 90


FEET
10000 5000 0
METERS
1000 0 1000 2000 3000
STATUTE MILES
1 3/4 1/2 1/4 0 5 1 2
Avon Pt
TANK
STACK
3 Vert Lts
Fl
Fl R 2.5s 8m PA
Priv
TANK
TANK
TANK
TANK
TANK
TANK
TANK
TANK
TANK
TANK
CG
BLACK
41°30'
41°30'
16532
16534
43710
L-48
L-34
L-35
L-34
L-5
L-11
L-5
NOAA
U.S. NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENT OF COMMERCE
OCEAN SERVICE

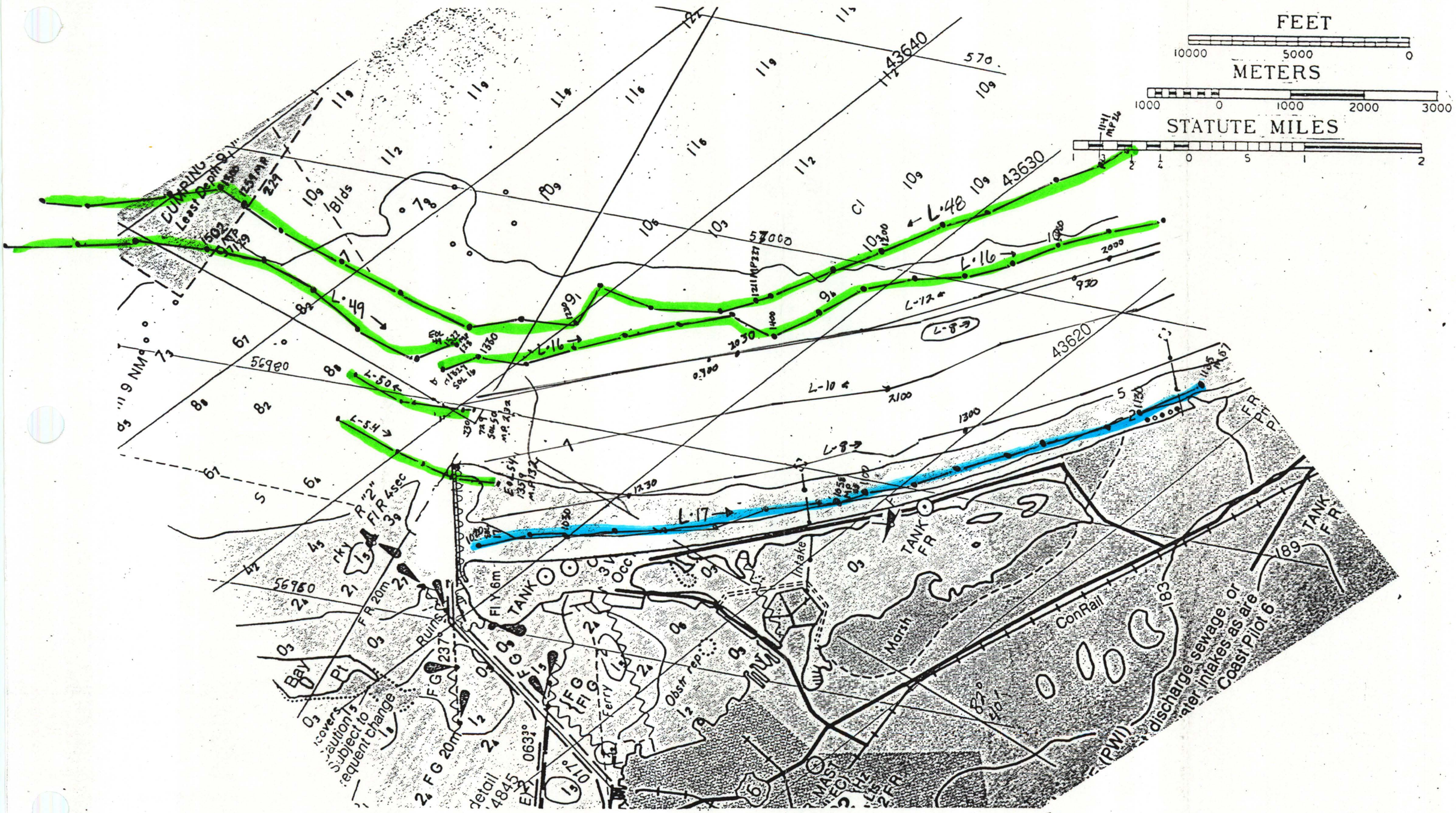
14829 Nov 90


FEET
10000 5000 0
METERS
1000 0 1000 2000 3000
STATUTE MILES
1 3/4 1/2 1/4 0 5 1 2
DUMPING GROUND
Least Depth 9.7 m rep
Net Stakes
L-48
L-33
L-12
L-10
L-9
Fish Haven
N & W Ry
Vermilion River
ConRail
TANK F R
TANK Occ R F R
F R 4m Priv
Beaver Creek
Martins Run
LORAIN
STACKS
MAST
R CG
Fl Y 4s
Fl Y 2.5s
For more detail see inset.
CAUTION
aids to navigation
The horizontal reference datum of this
of 1983 (NAD 83) and for chart
to the World Geodetic Sy
referred to the Nort
average of
chart
HORIZONTAL DATUM
43670
43680
43690
43700
43710
57140
57160
57180
57200
57220
Cl
10₃ Rk

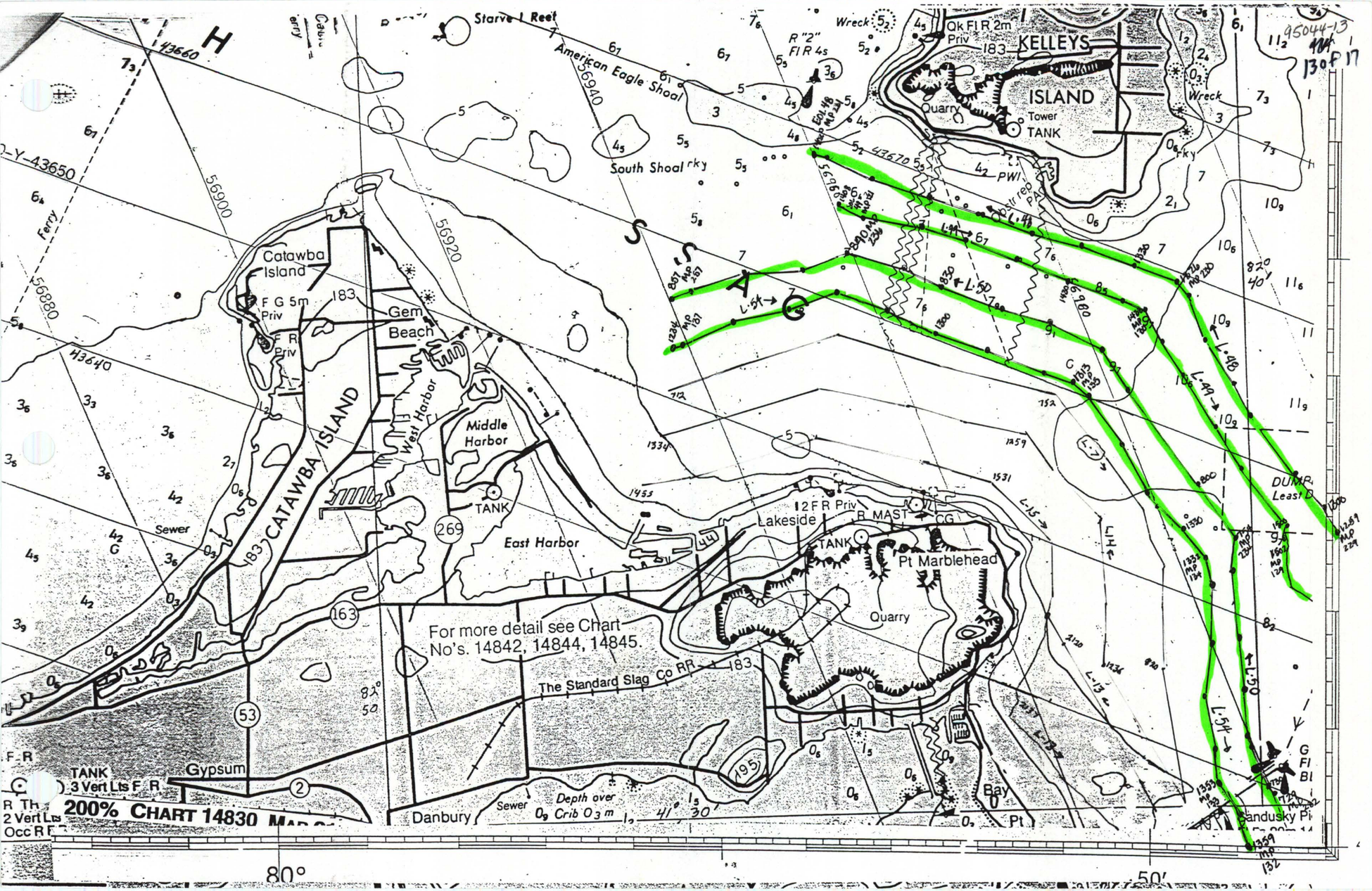
14830 Mar 92

436
FEET
10000
5000
0
METERS
1000
0
1000
2000
3000
STATUTE MILES
DUMPING GROUND Least Depth 10 6m rep
43650
43640
43630
57040
57060
57080
L-48
L-33
L-16
L-12
L-10
L-9
L-8
L-17
L-18
Spoil Area
FI G AS
TANK 3 Vert Lts Occ R 2 F R
TANK F R
STACK Ceylon
STACK
Ramp
ConRail
Norfolk & Western Ry
VERMILION
Chappel Creek
Temporary changes or chart. See Notice to Mari During some winter mo tion are replaced by oth Light List.
25'

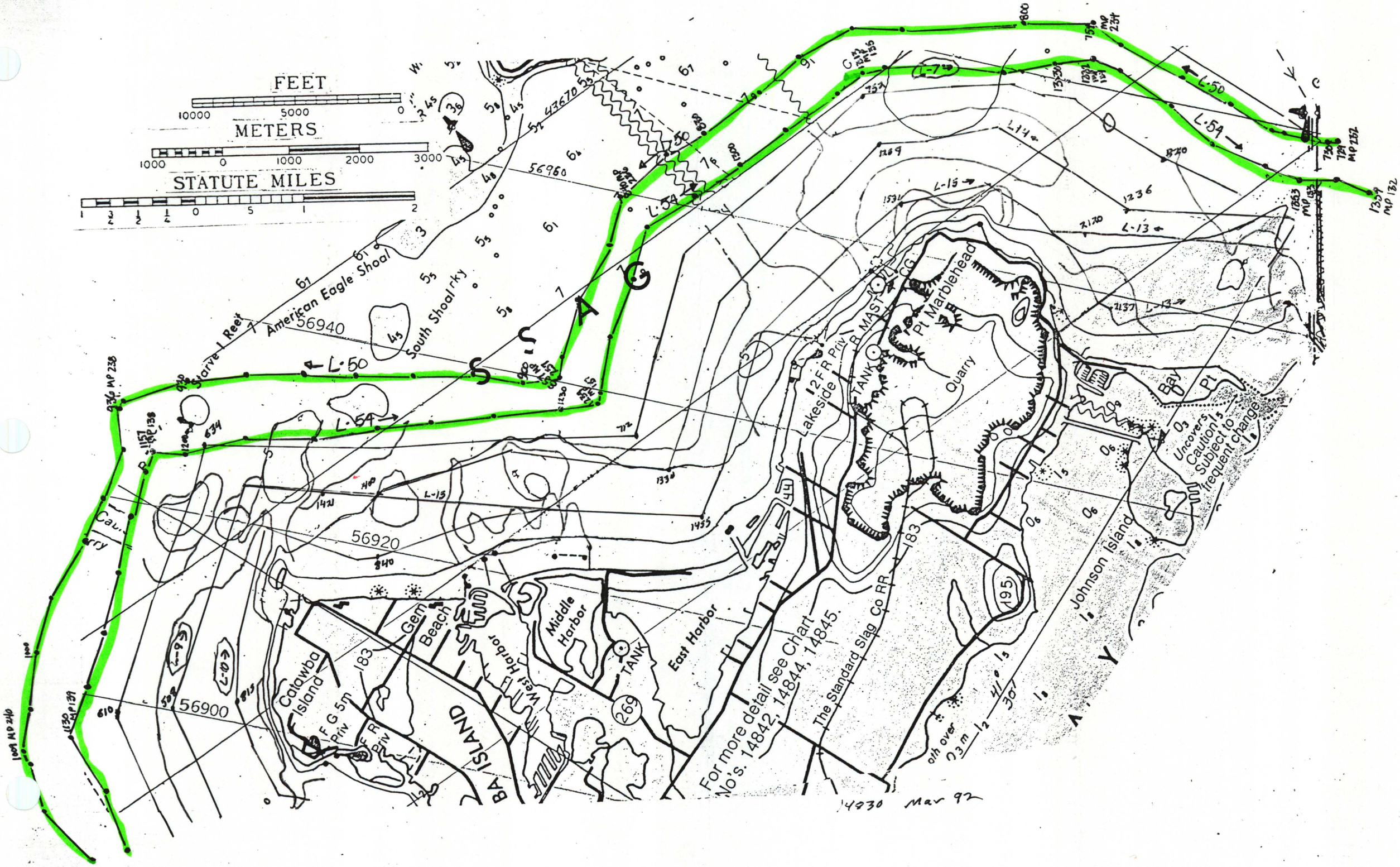
14830 Mar 92

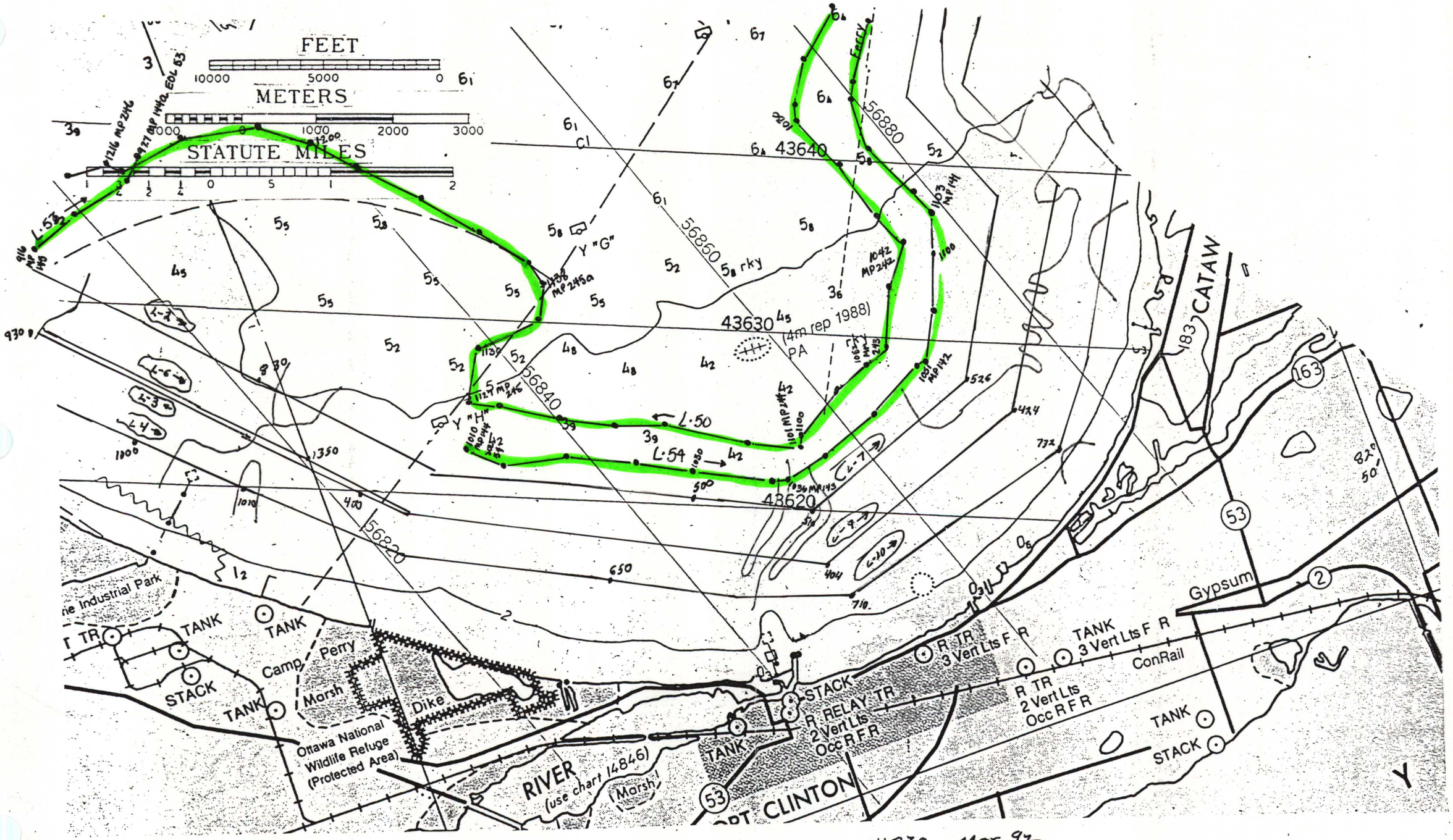

FEET
10000
5000
0
METERS
1000
0
1000
2000
3000
STATUTE MILES
1
3
2
1
4
0
5
1
2
43640
43630
43620
L-48
L-16
L-49
L-50
L-54
L-17
L-12
L-8
L-10
CUMPING
Least Depth 9
Bldg
TANK
Marsh
ConRail
Intake
Obstr rep
Ferry
Ruins
Bay
Pt
discharge sewage, or
water intakes as are
Coast Pilot 6
(PWI)
183
189
570
57000
56980
56950

14830 Mar 92

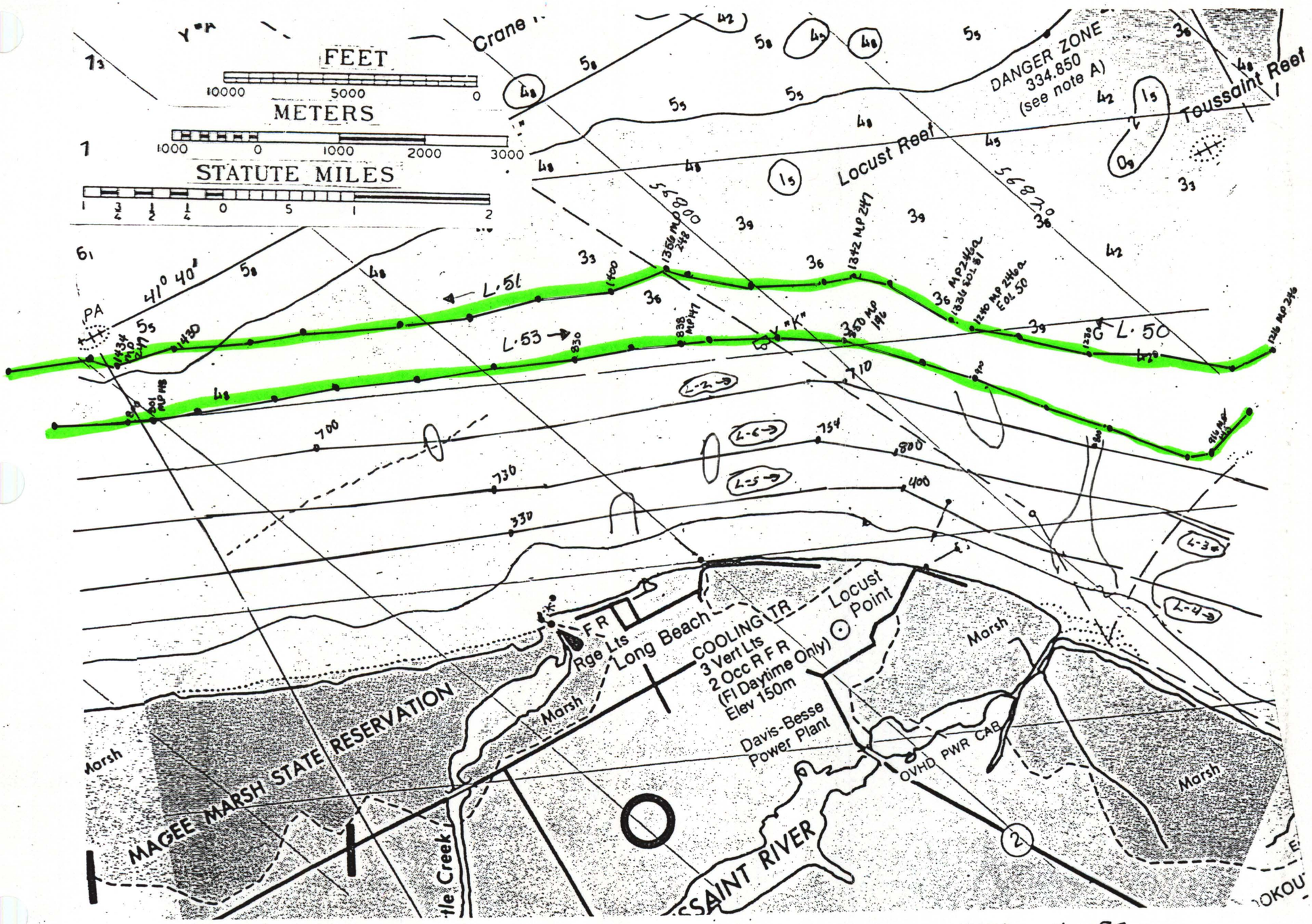


Starve I Reef
American Eagle Shoal
South Shoal
KELLEYS
ISLAND
Tower
TANK
Quarry
Catawba Island
Gem Beach
West Harbor
Middle Harbor
CATAWBA ISLAND
East Harbor
TANK
Lakeside
Pt Marblehead
Quarry
For more detail see Chart No's. 14842, 14844, 14845.
The Standard Slag Co RR
Gypsum
Danbury
Sewer
Depth over Crib 0.3 m
Bay
Sandusky Pi
DUMP
Least D
200% CHART 14830
80°
50'

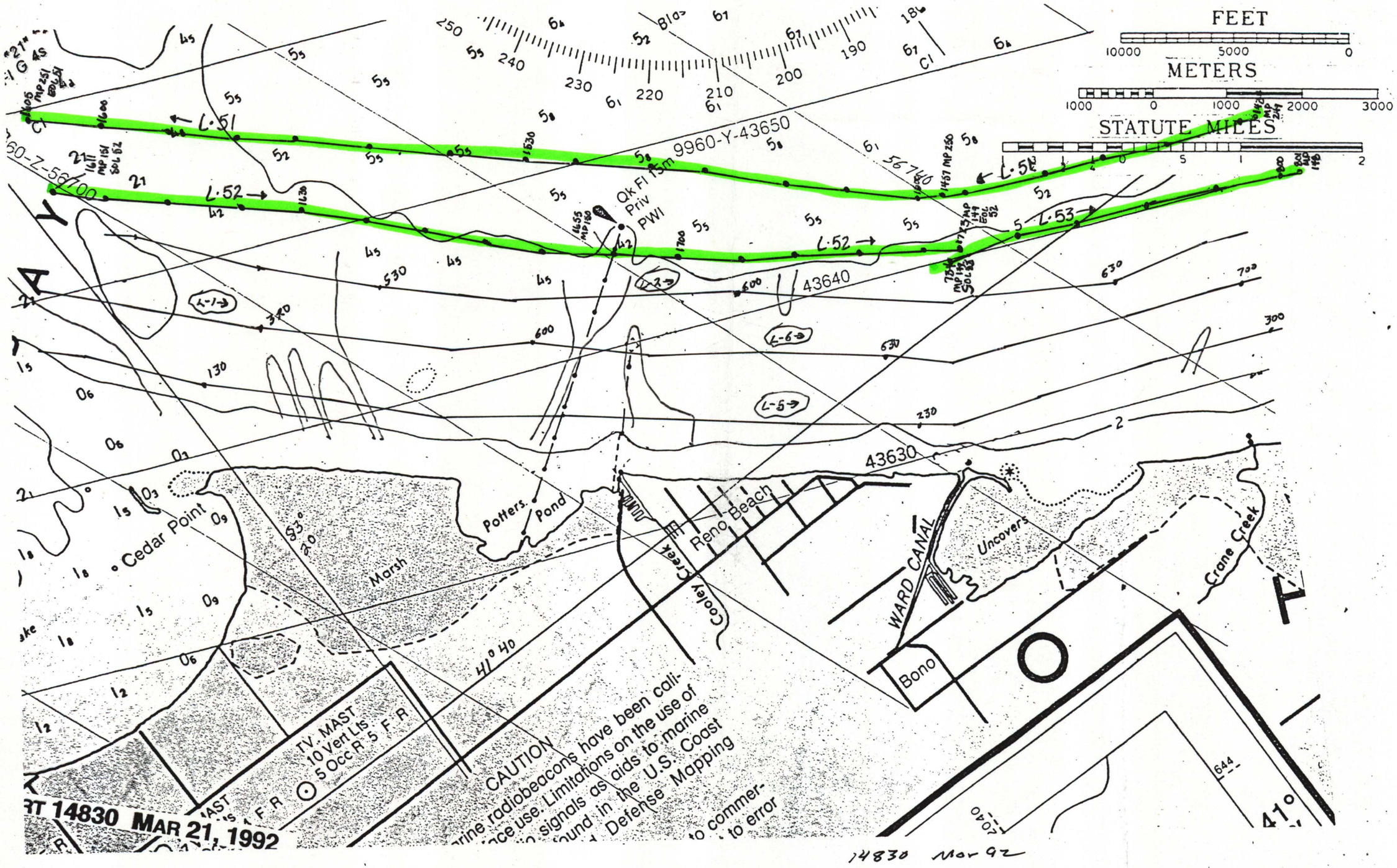

FEET
10000 5000 0
METERS
1000 0 1000 2000 3000
STATUTE MILES
1 3/4 1/2 1/4 0 5 1 2
American Eagle Shoal
South Shoal rky
Starve 1 Reef
56940
56960
56920
56900
L-50
L-54
L-15
L-13
L-14
L-7
Pt Marblehead
Quarry
Lakeside
TANK
Bay Pt
Uncovers Caution Subject to frequent change
Johnson Island
Middle Harbor
East Harbor
West Harbor
Gem Beach
Catawba Island
BA ISLAND
For more detail see Chart No's. 14842, 14844, 14845.
The Standard Slag Co RR
183
269
195
14830 Mar 92


FEET
10000
5000
0
METERS
1000
0
1000
2000
3000
STATUTE MILES
1
3/4
1/2
1/4
0
5
1
2
43640
43630
43620
56880
56860
56840
56820
Y "G"
Y "H"
L·50
L·54
(4m rep 1988)
PA
CATAW
183
163
53
2
Gypsum
ConRail
TANK
STACK
R TR
3 Vert Lts F R
R TR
2 Vert Lts
Occ R F R
R RELAY TR
2 Vert Lts
Occ R F R
Camp Perry
Marsh
Dike
Ottawa National
Wildlife Refuge
(Protected Area)
RIVER
(use chart 14846)
Marsh
CLINTON
Industrial Park
Y

14830 Mar 92


FEET
10000 5000 0
METERS
1000 0 1000 2000 3000
STATUTE MILES
1 3/4 1/2 1/4 0 5 1 2
Crane
DANGER ZONE
334.850
(see note A)
Toussaint Reef
Locust Reef
L-51
L-53
L-50
41° 40'
PA
L-2
L-6
L-5
L-3
L-4
Long Beach
Rge Lts
COOLING TR
3 Vert Lts
2 Occ R F R
(Fl Daytime Only)
Elev 150m
Locust Point
Davis-Besse Power Plant
OVHD PWR CAB
Marsh
MAGEE MARSH STATE RESERVATION
SAINT RIVER
Creek

14830 Mar 92


FEET
10000 5000 0
METERS
1000 0 1000 2000 3000
STATUTE MILES
L-51
L-52
L-53
9960-Y-43650
Qk Fl 15m
Priv
PWI
43640
43630
Potters Pond
Cedar Point
Marsh
Reno Beach
Cooley Creek
WARD CANAL
Uncovers
Crane Creek
Bono
TV. MAST
10 Vert Lts
5 Occ R 5 F R
CAUTION
RT 14830 MAR 21, 1992

14830 Mar 92