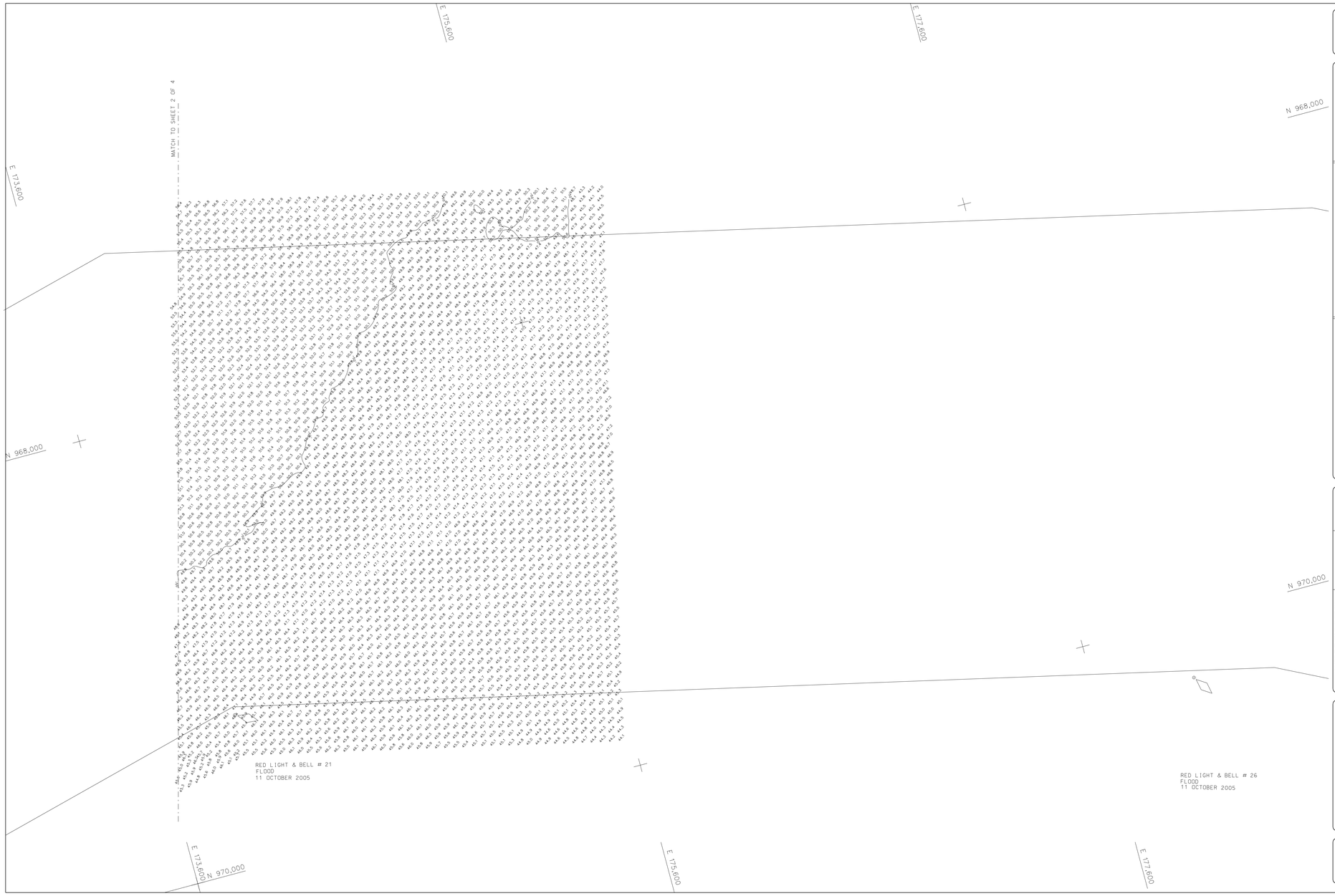
CORPS OF ENGINEERS

U. S. ARMY



US Army Corps of Engineers
New York District

CONTROL DATA:
HORIZONTAL: NAD 83
ELEVATION: N.G.V.D. (1929)

NOTE:
THE SOUNDINGS DATA DEPICTED ON THIS MAP WAS COLLECTED USING DIGITAL SURVEY STANDARDS IN ACCORDANCE WITH ER-1110-2-1003.
THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.

NOTE:
THE SOUNDINGS DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED. THEY DO NOT NECESSARILY CONFORM TO CHANGES IN CONDITIONS EXISTING AT THE TIME.
CONTOURS DEPICTED ON THIS MAP HAVE LARGER SYSTEM (NAD 1983).
SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER.
THE PLANE OF MEAN LOW WATER IS 2.33 FEET BELOW NGVD (1929)

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

APPROVED: LAND _____
APPROVED: CHIEF _____
APPROVED: SECTION _____
DATE: 13 OCTOBER 2005

SCALE: 1" = 200 (1:2400)
DATE OF SURVEY: 11 OCTOBER 2005
Sta. 4 & 5 (1:60,000)

FIELD BOOK:
NAD & TCM

FILE NO.: 137
AUGUST NO: 13447

NEW YORK HARBOR
ANCHORAGE CHANNEL
NAVIGATION IMPROVEMENT PROJECT
(1940)

CONDITION SURVEY

VH-101

SHEET 1 OF 4

CORPS OF ENGINEERS

U. S. ARMY

US Army Corps of Engineers
New York District

CONTROL DATA:
HORIZONTAL: NAD 1927
ELEVATION: 24-26 MSD (1929)

NOTE:
THE HORIZONTAL DATA DEPICTED ON THIS MAP WAS COLLECTED USING CLASS 1 SURVEY STANDARDS IN ACCORDANCE WITH CERTAIN SPECIFICATIONS.
THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.

NOTE:
THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED. SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER CONDITIONS EXISTING AT THAT TIME.
COORDINATES REFER TO THE NEW YORK STATE PLANE LAMBERT SYSTEM (NAD 1983)
SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER (5.23 FEET BELOW MSD (1929))

DATA:
NAD 1927 = 2NA 1927
DATE OF SURVEY:
11 OCTOBER 2005
Sta. 4 + 11 OCT 2005
FIELD BOOK:
FIELD NO. 1 - 1327
FIELD NO. 1 - 1328

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
SCANCAC-S

APPROVED: LJ.MR
DATE: 11 OCT 2005
APPROVED: MJ.MR
DATE: 11 OCT 2005
APPROVED: A.EW
DATE: 11 OCTOBER 2005
FILE NO.: 1-1327
SHEET NO. 2 OF 4

NEW YORK HARBOR
ANCHORAGE CHANNEL
NAVIGATION IMPROVEMENT PROJECT
(NYNJ)

CONDITION SURVEY

VH-102

SHEET 2 OF 4

US Army Corps of Engineers
New York District

CONTROL DATA:
BENCHMARK: P 342
ELEVATION: 39.48 NGVD (1929)

NOTE:
THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED IN ACCORDANCE WITH THE ENGINEERING DIVISION SURVEY STANDARDS IN ACCORDANCE WITH EM 1110-2-1003.
THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.

NOTE:
THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE AS-BUILT CONDITIONS OF THE NEW YORK HARBOR ANCHORAGE CHANNEL AS CONSTRUCTED IN 2001.
COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983).
SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER (MLW) AS DETERMINED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) AT SANDY HOOK (1929 NGVD).

APPROVED: LAND	DATE: ONE INCH = 200 FEET	
APPROVED: CHIEF, Engineering Division	DATE OF SURVEY: 11 OCTOBER 2005	
APPROVED: CHIEF, Survey Section	Z-4, 6 & 8 TO 200	
APPROVED: Supervisor	DATE: 11 OCTOBER 2005	(SEAL)
DATE: 11 OCTOBER 2005		(SEAL)
SHEET 3 OF 4		
SHEET NO. 2 OF 12		

DEPARTMENT OF THE ARMY
US ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

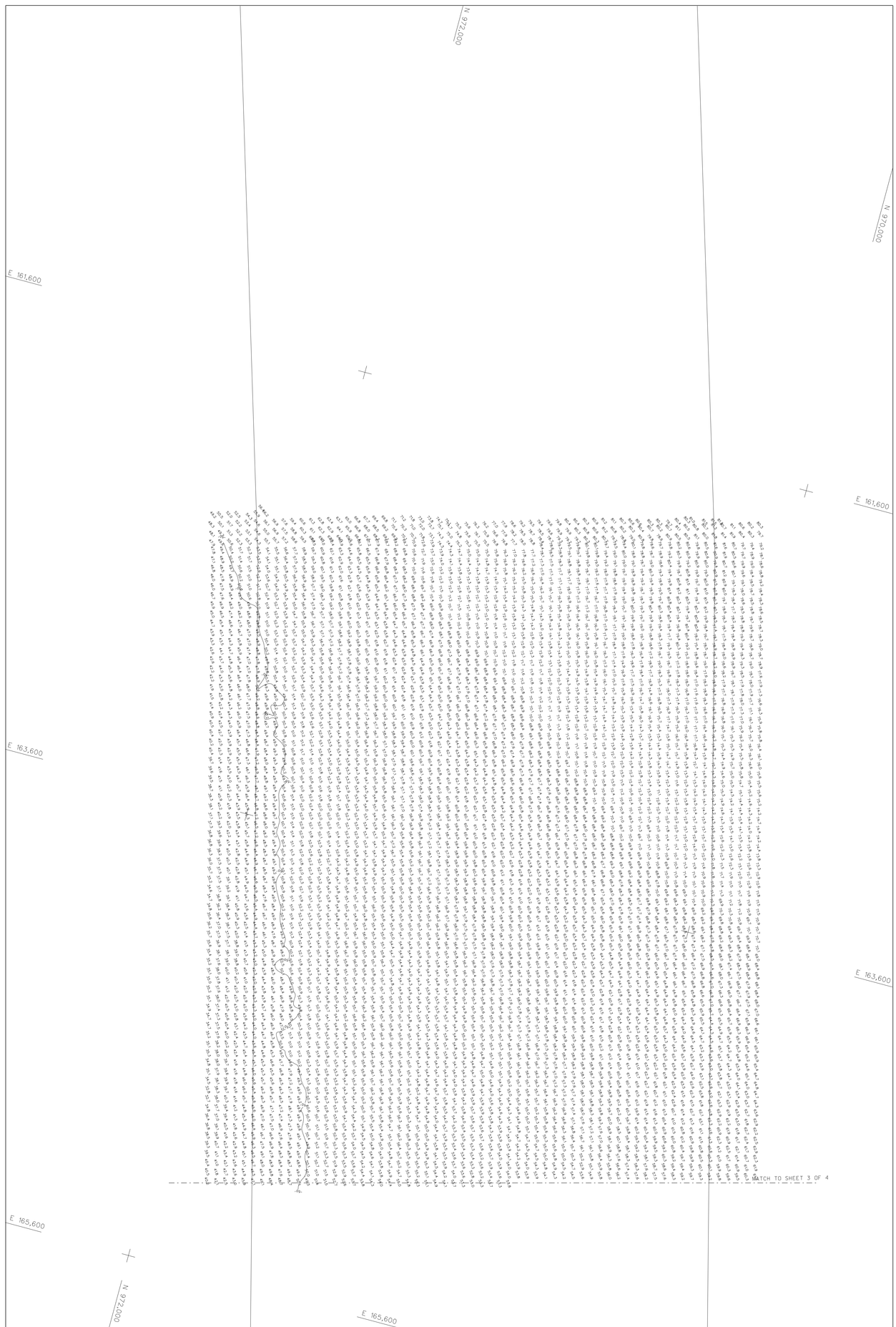
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK HARBOR
ANCHORAGE CHANNEL
NAVIGATION MAINTENANCE PROJECT
S-AN-1

CONDITION SURVEY

VH-103

SHEET 3 OF 4



CORPS OF ENGINEERS

U. S. ARMY

VH-104

SHEET 4 OF 4

NEW YORK HARBOR
ANCHORAGE CHANNEL
NAVIGATION IMPROVEMENT PROJECT
S-AN-1

CONDITION SURVEY

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

APPROVED: SUMER
APPROVED: FIRST
APPROVED: MARC
APPROVED: KISS
DATE: 18 OCTOBER 2005
FILE NO.: 137
REQUEST NO.: 2041Z

SCALE:
ONE INCH = 200 FEET

DATE OF SURVEY:
20, 21-30 SEPT. 2005
3-4, & 11-OCT 2005

FIELD BOOKS:
14007 & 14014

NOTE:

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN BE ONLY REASONABLY INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983)

SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER

THE PLANE OF MEAN LOW WATER IS 2.33 FEET BELOW NGVD (1929)

NOTE:

THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING CLASS 1 SURVEY STANDARDS IN ACCORDANCE WITH EM 1110-2-1003.

THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.

CONTROL DATA:

BENCHMARK: P 342
ELEVATION: 39.48 NGVD (1929)

US Army Corps of Engineers
New York District