BJ: ATON VERIFICATION
1. YOUR 150912Z APR 06
2. SUBSEQUENT TO THE M/V NEW DELHI EXPRESS RUNNING AGROUND IVO BERGEN POINT IN THE KILL VAN KULL.
3. THE FOLLOWING AIDS IN THE AREA WERE FOUND ON STA WATCHING PROPERLY.
   A. BERGEN POINT LB 14 (LLNR 37325)
   B. KILL VAN KULL CH LB 15 (LLNR 37330)
   C. KILL VAN KULL EAST CH JUNCTION LB E (LLNR 37327)
   D. NEWARK BAY CH LB 2 (LLNR 37385)
   E. NEWARK BAY CH TEMP LB 4 (LLNR 37395)
BT
NNNN

Aid Positioning Record - GPS

4/18/2006 11:33

Aid Name: Kill Van Kull Channel Lighted Buoy 15
Latitude: 40-38-29.710N
Longitude: 074-08-42.270W
Unit/Vessel: CG ANT NEW YORK TANB 233502
Work Area: 15518KVK

GPS Rcvr Type:
DGPS Rcvr Type: NT200CG

Aid Number: 31777
LLNR: 37330 Aid Sub-type: Floating
Accuracy Class B - 50 yd
Chart Number: 12333 Ed: 34
Chart Panel (KAPP): 2239
Geodetic Datum: NAD 83
Serial #:
Serial #: 5340000718

FOUND DGPS MEASUREMENTS Antenna Position: 40-38-29.604N 074-08-42.288W HDOP: 2.0

```
$GPGGA,150010,4038.4934,N,07408.7048,W,2,6,001.97,-00029,M,00000,M,03,0008
$GPGRS,150009,0,-00.1,000.0,00.4,-00.2,00.2,00.4,,,,,
$GPGSA,M,3,02,04,10,05,13,30,,,,,,,03.0,02.0,02.2
$GPGST,150008,00.52,00.59,00.28,162.18,00.32,00.57,00.75
$GPVHW,088.5,T,102.5,M,00.00,N,00.00,K*41
$GPVTG,020.2,T,034.1,M,00.23,N,00.43,K*4E
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FOUND DATA USING GPS

Date/Time: 4/15/2006 12:29:05 PM
By: CG ANT NEW YORK

Measured Depth:			58.0 ft
Tide Corr:			-3.9 ft
Draft:	1.0 ft	Chain:	105.0 ft
Datum:	55.1 ft	WCR:	29.79 yds
Est. Wind		270 T	5.0 KTS
Est. Current:		90 T	0.5 KTS
Corrected Heading:			230 T
Observer Offset:		146 R	3.61 yds
Shortstay: N Excursion		90 T	29.00 yds
CWC Lat:			40-38-29.707N
CWC Long:			074-08-42.249W
AP To CWC:		102 T	0.56 yds
2DRMS:			10.77 yds
Buoy Station Dim.:			31.68 yds
AP To CWC + BSD:			32.24 yds
FOUND Station:			ON

SET DATA USING GPS

REMARK

RFV 04/15/2006: ATON VERIFICATION SUBSEQUENT TO THE GROUNDING OF THE M/V DELHI EXPRESS.
AID FOUND ON STA WATCHING PROPERLY.
VERIFIED CHARTS, L/L, C/P AND I-ATONIS.
METHOD OF EXCURSION: H-METHOD.
AID LWP.

Prepared by (Signature): [redacted] Date: 18 APR 06
CO/OINC(Signature): Date: 4/18/06
DISTRICT REVIEW (Signature): Date:
Comments:

Aid Positioning Record - GPS

4/18/2006 09:16

Aid Name: Newark Bay Channel Lighted Buoy 2
Latitude: 40-38-39.597N
Longitude: 074-08-51.587W
Unit/Vessel: CG ANT NEW YORK TANB 233502
Work Area: 15518Newark

GPS Rcvr Type:
DGPS Rcvr Type: NT200CG

Aid Number: 32477
LLNR: 37385 Aid Sub-type: Floating
Accuracy Class B - 50 yd
Chart Number: 12333 Ed: 34
Chart Panel (KAPP): 2239
Geodetic Datum: NAD 83
Serial #:
Serial #: 5340000718

FOUND DGPS MEASUREMENTS Antenna Position: 40-38-39.576N 074-08-51.588W HDOP: 1.3

$GPGGA,160611,4038.6596,N,07408.8598,W,2,6,001.26,-00030,M,00000,M,03,0008
$GPGRS,160610,0,-00.3,00.2,-00.1,-00.5,-00.2,00.4,,,,,,
$GPGSA,M,3,10,02,04,30,29,06,,,,,,,02.3,01.3,01.9
$GPGST,160610,00.75,00.54,00.26,041.48,00.41,00.44,00.66

FOUND DATA USING GPS				SET DATA USING GPS
Date/Time: 4/15/2006 12:06:13 PM				
By: CG ANT NEW YORK				
Measured Depth:			52.0 ft	
Tide Corr:			-3.9 ft	
Draft:	1.0 ft	Chain:	110.0 ft	
Datum:	49.1 ft	WCR:	32.81 yds	
Est. Wind		270 T	5.0 KTS	
Est. Current:		210 T	1.0 KTS	
Corrected Heading:			180 T	
Observer Offset:		180 R	0.00 yds	
Shortstay: N Excursion		210 T	16.10 yds	
CWC Lat:			40-38-39.576N	
CWC Long:			074-08-51.588W	
AP To CWC:		182 T	0.71 yds	
2DRMS:			6.89 yds	
Buoy Station Dim.:			33.53 yds	
AP To CWC + BSD:			34.24 yds	
FOUND Station:			ON	

REMARK

RFV 04/15/2006: ATON VERIFICATION SUBSEQUENT TO THE GROUNDING OF THE M/V DELHI EXPRESS.
AID FOUND ON STA WATCHING PROPERLY.
VERIFIED CHARTS, L/L, C/P AND I-ATONIS.
METHOD OF EXCURSION: FRAC WCR 1/2.
AID LWP.

Prepared by (Signature): [redacted] Date: 19 APR 06
CO/OINC(Signature): [redacted] Date: 4/18/06
DISTRICT REVIEW (Signature): Date:
Comments:

Aid Positioning Record - GPS

4/18/2006 11:32

Aid Name: Newark Bay Temporary Lighted Buoy 4
Latitude: 40-38-49.923N
Longitude: 074-08-56.663W
Unit/Vessel: CG ANT NEW YORK TANB 233502
Work Area:

GPS Rcvr Type:
DGPS Rcvr Type: NT200CG

Aid Number: 200100822717
LLNR: 37395 Aid Sub-type: Floating
Accuracy Class B - 50 yd
Chart Number: 12333 Ed: 34
Chart Panel (KAPP): 2239
Geodetic Datum: NAD 83
Serial #:
Serial #: 5340000718

FOUND DGPS MEASUREMENTS Antenna Position: 40-38-49.992N 074-08-56.460W HDOP: 1.8

$GPGGA,144832,4038.8332,N,07408.9410,W,2,6,001.75,-00029,M,00000,M,03,0008
$GPGRS,144831,0,00.0,-00.5,000.0,-00.4,00.4,00.1,,,,,,
$GPGSA,M,3,02,04,10,05,13,30,,,,,,,02.9,01.8,02.3
$GPGST,144829,01.11,00.69,00.40,163.42,00.43,00.67,01.04

FOUND DATA USING GPS

Date/Time: 4/15/2006 12:17:27 PM
By: CG ANT NEW YORK

Measured Depth:			54.0 ft
Tide Corr:			-3.8 ft
Draft:	1.0 ft	Chain:	90.0 ft
Datum:	51.2 ft	WCR:	24.67 yds
Est. Wind		90 T	5.0 KTS
Est. Current:		30 T	0.6 KTS
Corrected Heading:			38 T
Observer Offset:		146 R	3.61 yds
Shortstay: N Excursion		90 T	5.90 yds
CWC Lat:			40-38-49.885N
CWC Long:			074-08-56.471W
AP To CWC:		104 T	5.11 yds
2DRMS:			9.57 yds
Buoy Station Dim.:			26.46 yds
AP To CWC + BSD:			31.57 yds
FOUND Station:			ON

SET DATA USING GPS

REMARK

RFV 04/15/2006: ATON VERIFICATION SUBSEQUENT TO THE GROUNDING OF THE M/V DELHI EXPRESS.
AID FOUND ON STA WATCHING PROPERLY.
VERIFIED CHARTS, L/L, C/P AND I-ATONIS.
METHOD OF EXCURSION: FRAC WCR 1/4.
AID LWP.

Prepared by (Signature): [redacted] Date: 18 APR 06
CO/OINC(Signature): Date: 4/18/06
DISTRICT REVIEW (Signature): Date:
Comments:

Aid Positioning Record - GPS

4/18/2006 09:15

Aid Name: Kill Van Kull Channel East Junction Lighted Buoy E
Latitude: 40-38-31.170N
Longitude: 074-08-55.086W
Unit/Vessel: CG ANT NEW YORK TANB 233502
Work Area:

GPS Rcvr Type:
DGPS Rcvr Type: NT200CG

Aid Number: 200100808921
LLNR: 37327 Aid Sub-type: Floating
Accuracy Class B - 50 yd
Chart Number: 12333 Ed: 34
Chart Panel (KAPP): 2239
Geodetic Datum: NAD 83
Serial #:
Serial #: 5340000718

FOUND DGPS MEASUREMENTS Antenna Position: 40-38-31.170N 074-08-55.158W HDOP: 1.3

$GPGGA,162129,4038.5195,N,07408.9193,W,2,6,001.30,-00032,M,00000,M,04,0008
$GPGRS,162128,0,00.3,00.2,00.9,00.3,00.6,-00.4,.....
$GPGSA,M,3,10,02,04,26,29,06,.....,02.6,01.3,02.3
$GPGST,162128,01.24,00.45,00.25,034.64,00.33,00.40,00.68

FOUND DATA USING GPS

Date/Time: 4/15/2006 12:21:31 PM
By: CG ANT NEW YORK

Measured Depth:			50.0 ft
Tide Corr:			-3.9 ft
Draft:	1.0 ft	Chain:	90.0 ft
Datum:	47.1 ft	WCR:	25.56 yds
Est. Wind		270 T	5.0 KTS
Est. Current:		90 T	1.4 KTS
Corrected Heading:			315 T
Observer Offset:		45 R	0.00 yds
Shortstay: N Excursion		90 T	12.40 yds
CWC Lat:			40-38-31.170N
CWC Long:			074-08-55.158W
AP To CWC:		270 T	1.85 yds
2DRMS:			7.11 yds
Buoy Station Dim.:			26.53 yds
AP To CWC + BSD:			28.38 yds
FOUND Station:			ON

SET DATA USING GPS

REMARK

RFV 04/15/2006: ATON VERIFICATION SUBSEQUENT TO THE GROUNDING OF THE M/V DELHI EXPRESS.
AID FOUND ON STA WATCHING PROPERLY.
VERIFIED CHARTS, L/L, C/P AND I-ATONIS.
METHOD OF EXCURSION: FRAC WCR 1/2.
AID LWP.

Prepared by (Signature): [redacted] Date: 18 APR 06
CO/OINC(Signature): [redacted] Date: 4/18/06
DISTRICT REVIEW (Signature): _____ Date: _____
Comments: _____

Aid Positioning Record - GPS

Aid Name: Bergen Point Lighted Buoy 14
Latitude: 40-38-34.900N
Longitude: 074-08-40.900W
Unit/Vessel: CG ANT NEW YORK TANB 233502
Work Area: 41920

Aid Number: 200100579042
LLNR: 37325 Aid Sub-type: Floating
Accuracy Class B - 50 yd
Chart Number: 12333 Ed: 34
Chart Panel (KAPP): 2239
Geodetic Datum: NAD 83
Serial #:
Serial #: 5340000718

GPS Rcvr Type:
DGPS Rcvr Type: NT200CG

FOUND DGPS MEASUREMENTS Antenna Position: 40-38-34.848 N 074-08-41.040W HDOP: 1.3

$GPGGA,161332,4038.5808,N,07408.6840,W,2,6,001.30,-00031,M,00000,M,03,0008
$GPGRS,161331,0,00.0,-00.1,000.0,-00.4,-00.4,00.7,,,,,
$GPGSA,M,3,10,02,04,30,29,06,,,,,,,02.3,01.3,01.9
$GPGST,161331,00.93,00.51,00.24,039.14,00.37,00.42,00.60

FOUND DATA USING GPS

Date/Time: 4/15/2006 12:14:39 PM
By: CG ANT NEW YORK

Measured Depth:			27.0 ft
Tide Corr:			-3.9 ft
Draft:	1.0 ft	Chain:	90.0 ft
Datum:	28.0 ft	WCR:	28.51 yds
Est. Wind		270 T	5.0 KTS
Est. Current:		90 T	1.0 KTS
Corrected Heading:			47 T
Observer Offset:		313 R	0.00 yds
Shortstay: N Excursion		90 T	14.30 yds
CWC Lat:			40-38-34.848N
CWC Long:			074-08-41.040W
AP To CWC:		244 T	4.00 yds
2DRMS:			7.11 yds
Buoy Station Dim.:			29.38 yds
AP To CWC + BSD:			33.38 yds
FOUND Station:			ON

SET DATA USING GPS

REMARK

RFV 04/15/2006: ATON VERIFICATION SUBSEQUENT TO THE GROUNDING OF THE M/V DELHI EXPRESS.
AID FOUND ON STA WATCHING PROPERLY.
VERIFIED CHARTS, L/L, C/P AND I-ATONIS.
METHOD OF EXCURSION: FRAC WCR 1/2.
AID LWP.

Prepared by (Signature): [redacted] Date: 18APR06
CO/OINC(Signature): Date: 4/18/06
DISTRICT REVIEW (Signature): Date:
Comments: